

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102722\
 Data File : VN075031.D
 Acq On : 27 Oct 2022 10:30
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/28/2022
 Supervised By : Mahesh Dadoda 10/31/2022

Quant Time: Oct 28 02:12:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.229	168	112242	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	205986	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	194773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	105064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	77497	51.244	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.480%			
35) Dibromofluoromethane	8.171	113	61532	50.885	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.760%			
50) Toluene-d8	10.570	98	257016	54.783	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.560%			
62) 4-Bromofluorobenzene	12.853	95	96534	58.575	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 117.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	74940	51.324	ug/l	95
3) Chloromethane	2.377	50	70574	45.504	ug/l	97
4) Vinyl Chloride	2.524	62	108257	48.929	ug/l	94
5) Bromomethane	2.924	94	89985	57.549	ug/l	96
6) Chloroethane	3.106	64	75347	47.491	ug/l	99
7) Trichlorofluoromethane	3.494	101	109394	48.400	ug/l	100
8) Diethyl Ether	3.971	74	38991	47.297	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	61912	49.601	ug/l	98
10) Methyl Iodide	4.594	142	89682	48.262	ug/l	98
11) Tert butyl alcohol	5.541	59	75633	214.452	ug/l	99
12) 1,1-Dichloroethene	4.353	96	57019	47.924	ug/l	96
13) Acrolein	4.194	56	60485	209.673	ug/l	97
14) Allyl chloride	5.030	41	86336	49.684	ug/l	99
15) Acrylonitrile	5.730	53	177844	238.713	ug/l	100
16) Acetone	4.441	43	188283	294.028	ug/l	100
17) Carbon Disulfide	4.718	76	146178	48.856	ug/l	97
18) Methyl Acetate	5.036	43	97853	46.781	ug/l	97
19) Methyl tert-butyl Ether	5.806	73	223861	50.623	ug/l	97
20) Methylene Chloride	5.283	84	67469	47.255	ug/l	97
21) trans-1,2-Dichloroethene	5.794	96	64643	49.622	ug/l	97
22) Diisopropyl ether	6.683	45	193173	50.373	ug/l	99
23) Vinyl Acetate	6.618	43	815430m	254.641	ug/l	
24) 1,1-Dichloroethane	6.577	63	122558	50.532	ug/l	97
25) 2-Butanone	7.488	43	256025	254.190	ug/l	98
26) 2,2-Dichloropropane	7.494	77	117221	52.537	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	78035	50.161	ug/l	97
28) Bromochloromethane	7.818	49	50308	49.206	ug/l	98
29) Tetrahydrofuran	7.841	42	159010	244.309	ug/l	99
30) Chloroform	7.971	83	136131	51.696	ug/l	95
31) Cyclohexane	8.259	56	108949	48.438	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	125739	52.582	ug/l	96
36) 1,1-Dichloropropene	8.377	75	98708	52.725	ug/l	99
37) Ethyl Acetate	7.565	43	100598	48.998	ug/l	98
38) Carbon Tetrachloride	8.365	117	109487	53.166	ug/l	97
39) Methylcyclohexane	9.606	83	134032	54.231	ug/l	96
40) Benzene	8.612	78	301053	52.520	ug/l	99

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 Supervised By :Mahesh Dadoda 10/31/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	51276	52.129	ug/l	100
42) 1,2-Dichloroethane	8.677	62	106774	51.199	ug/l	99
43) Isopropyl Acetate	8.694	43	164293	51.589	ug/l	100
44) Trichloroethene	9.353	130	73600	51.178	ug/l	97
45) 1,2-Dichloropropane	9.623	63	72001	52.781	ug/l	100
46) Dibromomethane	9.712	93	56008	52.699	ug/l	98
47) Bromodichloromethane	9.894	83	108728	52.829	ug/l	99
48) Methyl methacrylate	9.682	41	74114	50.734	ug/l	97
49) 1,4-Dioxane	9.700	88	37633	983.766	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	518173	252.144	ug/l	100
52) Toluene	10.629	92	210786	55.010	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	123255	56.738	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	126522	54.912	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	80027	52.672	ug/l	94
56) Ethyl methacrylate	10.876	69	127473	55.003	ug/l	98
57) 1,3-Dichloropropane	11.165	76	133276	52.674	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	244780	273.205	ug/l	100
59) 2-Hexanone	11.200	43	404849	259.564	ug/l	100
60) Dibromochloromethane	11.359	129	89665	55.937	ug/l	99
61) 1,2-Dibromoethane	11.470	107	85582	54.965	ug/l	100
64) Tetrachloroethene	11.106	164	62615	52.436	ug/l	91
65) Chlorobenzene	11.894	112	221941	53.383	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	83087	53.874	ug/l	98
67) Ethyl Benzene	11.965	91	413460	55.276	ug/l	100
68) m/p-Xylenes	12.070	106	337056	112.303	ug/l	100
69) o-Xylene	12.400	106	165953	55.912	ug/l	97
70) Styrene	12.412	104	270044	57.060	ug/l	99
71) Bromoform	12.582	173	65305	56.557	ug/l #	98
73) Isopropylbenzene	12.700	105	433763	51.426	ug/l	99
74) N-amyl acetate	12.494	43	151956	48.710	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	127997	52.710	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	116213m	52.095	ug/l	
77) Bromobenzene	12.982	156	91241	49.128	ug/l	98
78) n-propylbenzene	13.035	91	505237	53.352	ug/l	100
79) 2-Chlorotoluene	13.129	91	294776	50.939	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	374630	52.881	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	48319	55.601	ug/l	91
82) 4-Chlorotoluene	13.129	91	294776	50.939	ug/l	99
83) tert-Butylbenzene	13.441	119	325364	51.686	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	383200	53.460	ug/l	100
85) sec-Butylbenzene	13.617	105	479631	54.465	ug/l	99
86) p-Isopropyltoluene	13.729	119	406441	55.885	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	192813	53.024	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	190339	52.889	ug/l	99
89) n-Butylbenzene	14.059	91	337450	57.619	ug/l	100
90) Hexachloroethane	14.335	117	70550	52.908	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	185344	51.270	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	27020	47.491	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	86270	55.457	ug/l	97
94) Hexachlorobutadiene	15.500	225	39313	51.839	ug/l	99
95) Naphthalene	15.641	128	311096	52.003	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	82407	53.314	ug/l	99

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ClientSampleId :
VSTDCCC050

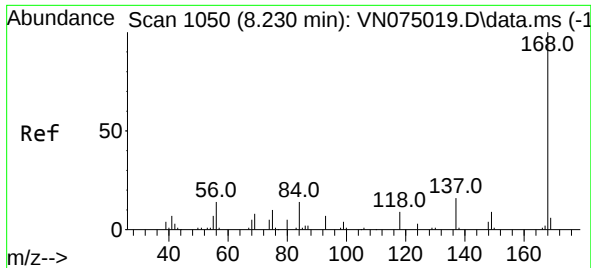
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 10/31/2022

Quant Time: Oct 28 02:12:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 2022
Response via : Initial Calibration

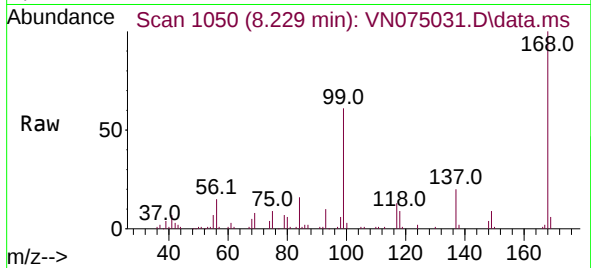
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

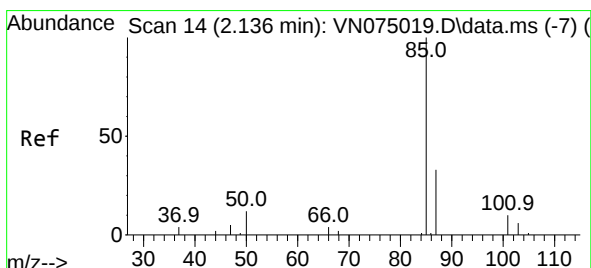
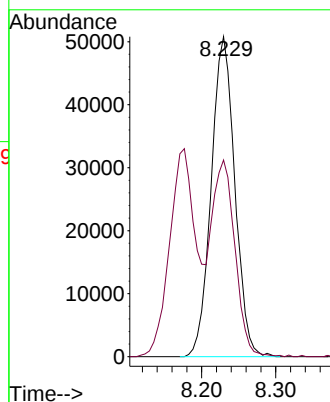
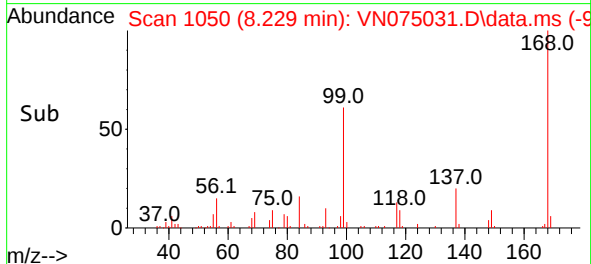
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 11224
Ion Ratio Lower Upper
168 100
99 61.0 51.6 77.4

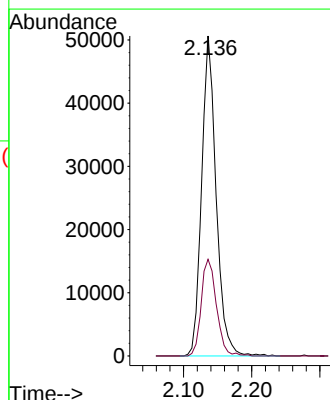
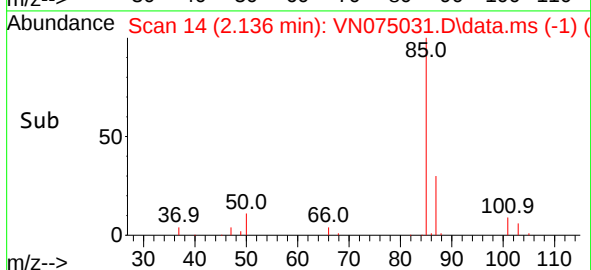
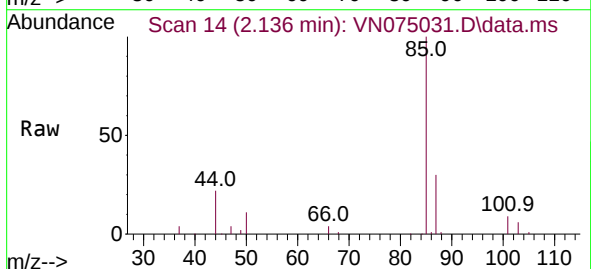
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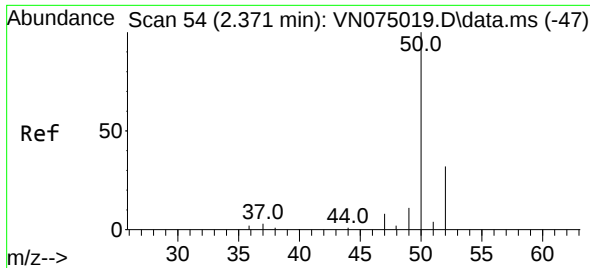
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#2
Dichlorodifluoromethane
Concen: 51.324 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

Tgt Ion: 85 Resp: 74940
Ion Ratio Lower Upper
85 100
87 30.2 16.7 50.0





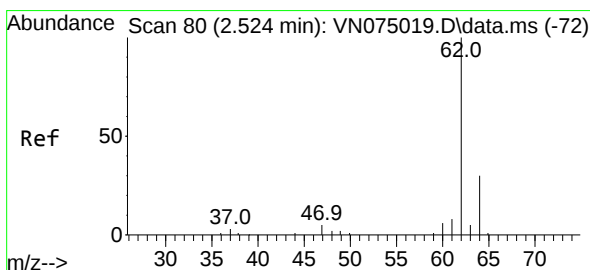
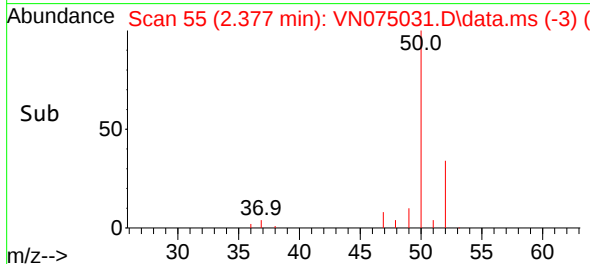
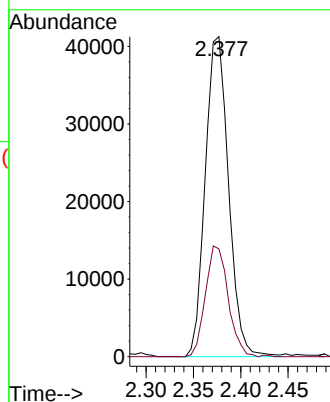
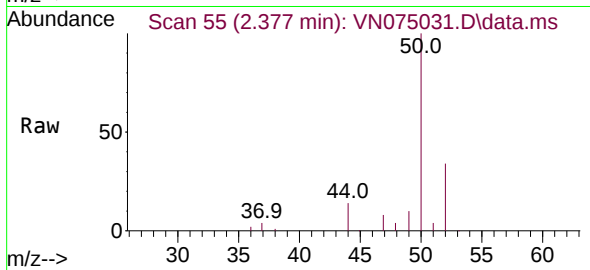
#3
Chloromethane
Concen: 45.504 ug/l
RT: 2.377 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 50 Resp: 70574
Ion Ratio Lower Upper
50 100
52 33.7 25.8 38.6

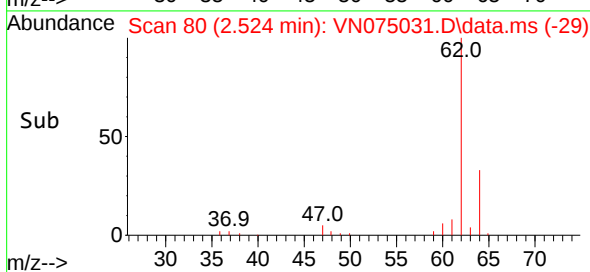
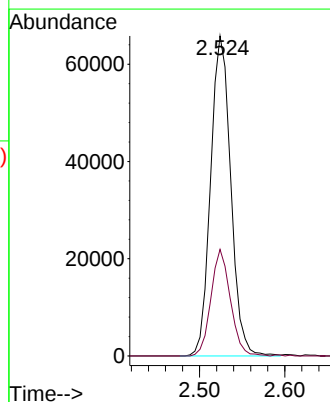
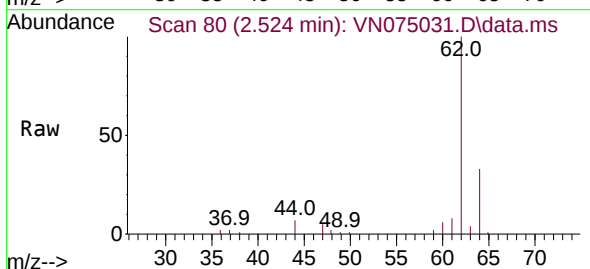
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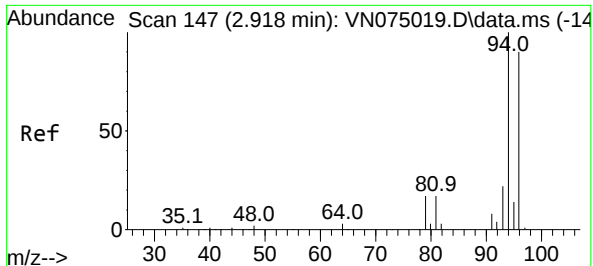
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#4
Vinyl Chloride
Concen: 48.929 ug/l
RT: 2.524 min Scan# 80
Delta R.T. -0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

Tgt Ion: 62 Resp: 108257
Ion Ratio Lower Upper
62 100
64 33.3 24.0 36.0





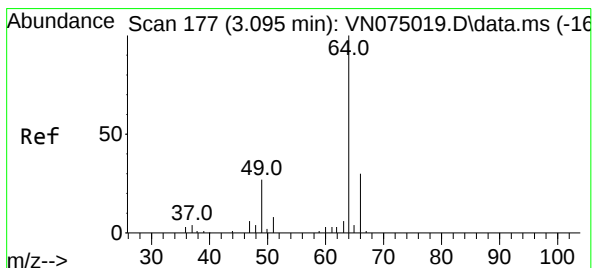
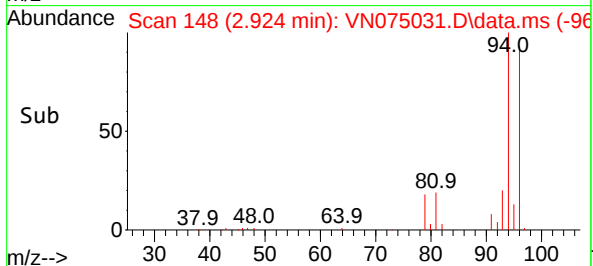
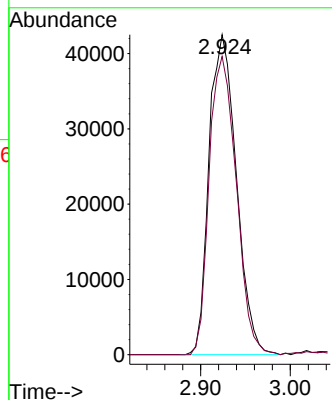
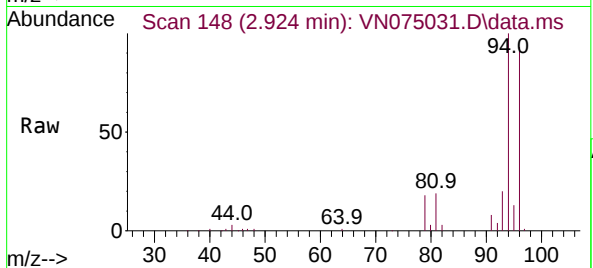
#5
Bromomethane
Concen: 57.549 ug/l
RT: 2.924 min Scan# 147
Delta R.T. 0.006 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 8998
Ion Ratio Lower Upper
94 100
96 93.2 71.8 107.6

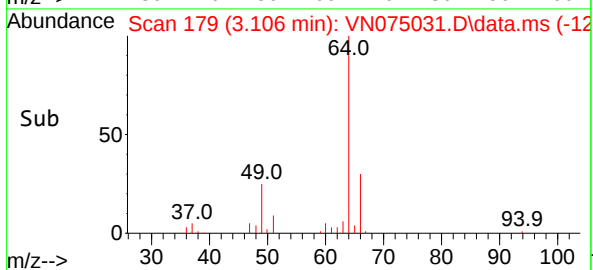
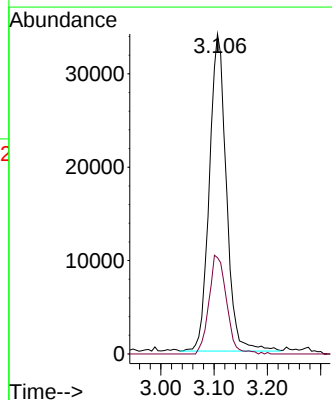
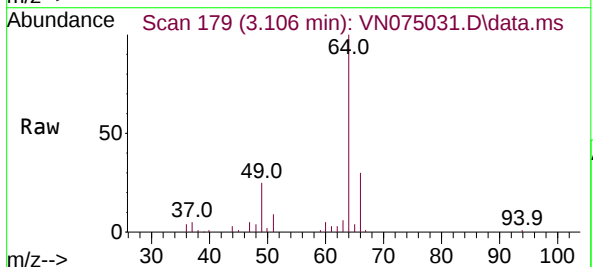
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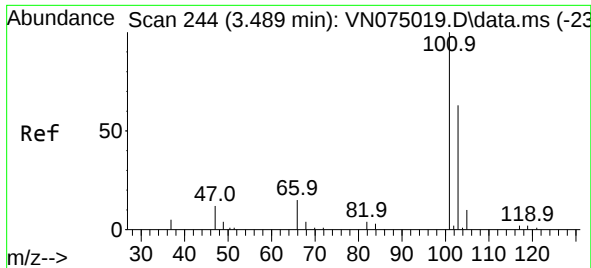
Reviewed By :John Carlone 10/28/2022
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#6
Chloroethane
Concen: 47.491 ug/l
RT: 3.106 min Scan# 179
Delta R.T. 0.011 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

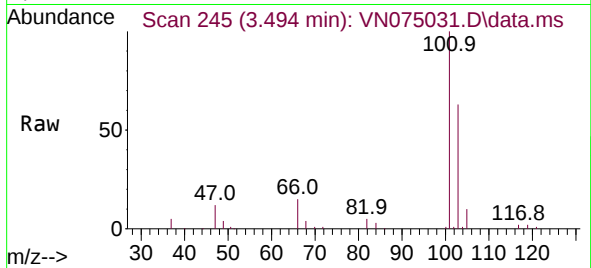
Tgt Ion: 64 Resp: 75347
Ion Ratio Lower Upper
64 100
66 30.4 23.8 35.8





#7
 Trichlorofluoromethane
 Concen: 48.400 ug/l
 RT: 3.494 min Scan# 244
 Delta R.T. 0.005 min
 Lab File: VN075031.D
 Acq: 27 Oct 2022 10:30

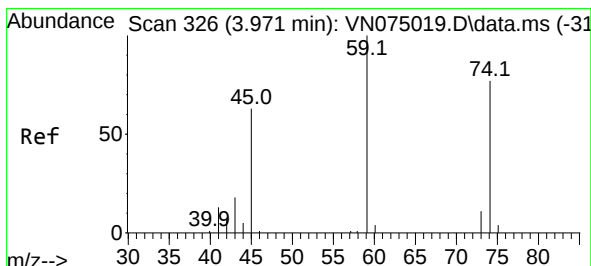
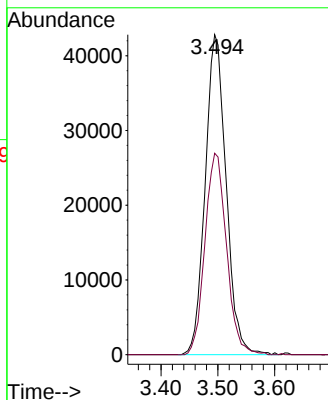
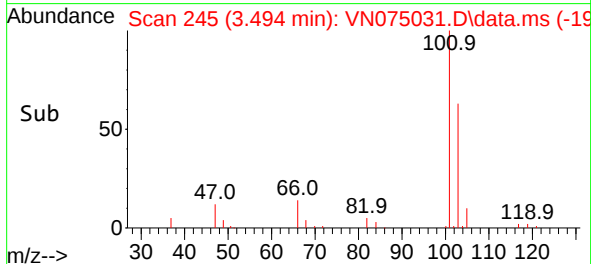
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 109394
 Ion Ratio Lower Upper
 101 100
 103 63.0 50.5 75.7

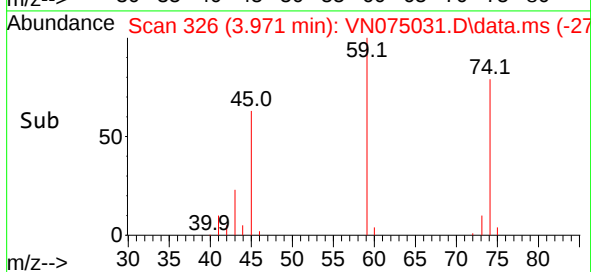
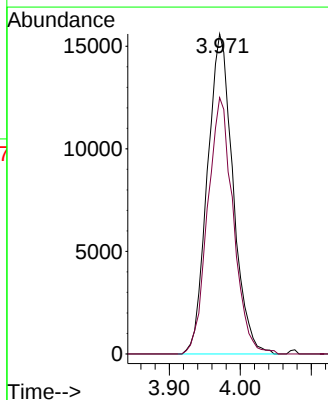
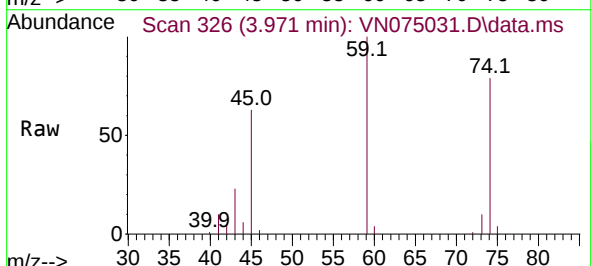
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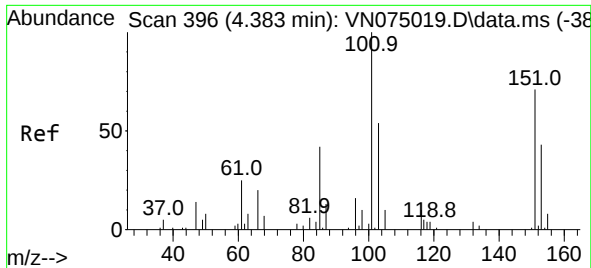
Reviewed By :John Carlone 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#8
 Diethyl Ether
 Concen: 47.297 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. -0.000 min
 Lab File: VN075031.D
 Acq: 27 Oct 2022 10:30

Tgt Ion: 74 Resp: 38991
 Ion Ratio Lower Upper
 74 100
 45 80.2 39.3 117.9





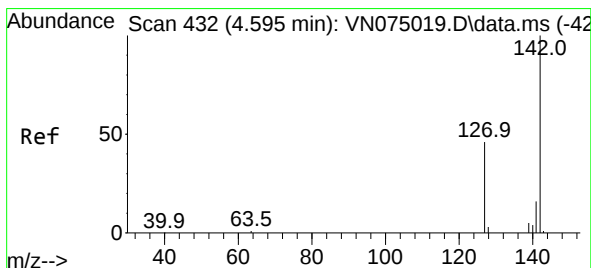
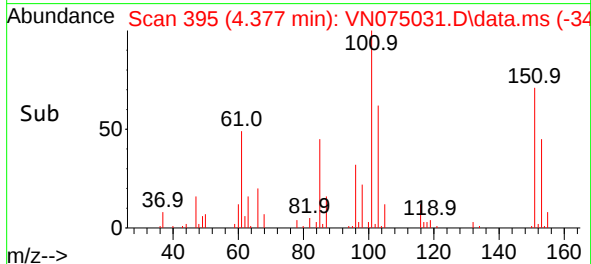
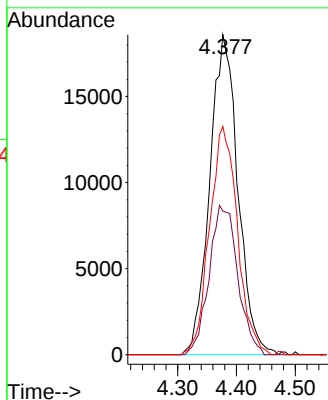
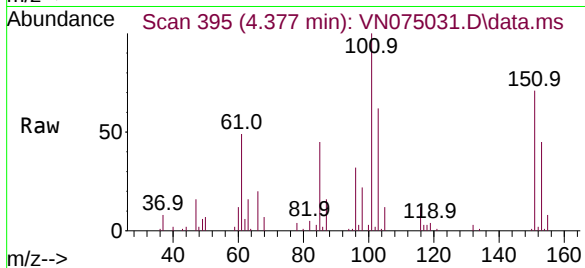
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.601 ug/l
 RT: 4.377 min Scan# 395
 Delta R.T. -0.006 min
 Lab File: VN075031.D
 Acq: 27 Oct 2022 10:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 61912
 Ion Ratio Lower Upper
 101 100
 85 47.3 37.6 56.4
 151 70.7 58.3 87.5

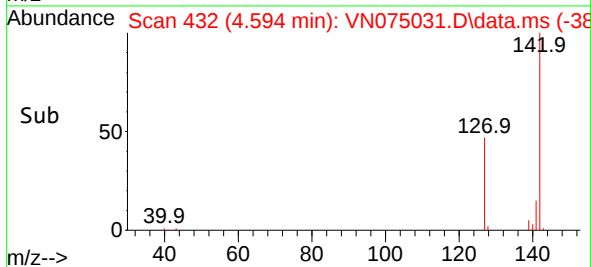
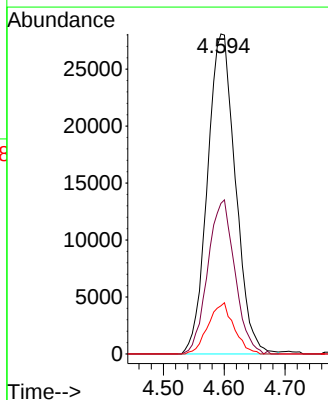
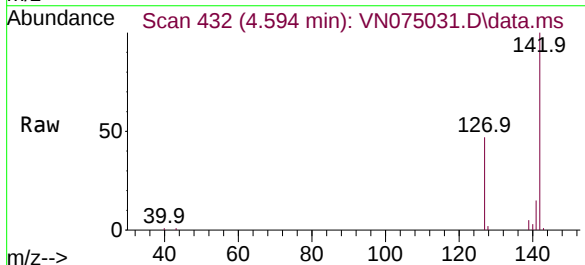
Manual Integrations
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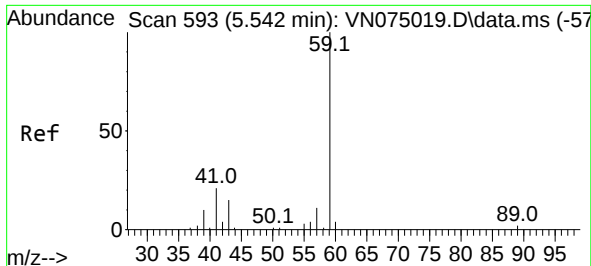
Reviewed By :John Carlone 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#10
 Methyl Iodide
 Concen: 48.262 ug/l
 RT: 4.594 min Scan# 432
 Delta R.T. -0.001 min
 Lab File: VN075031.D
 Acq: 27 Oct 2022 10:30

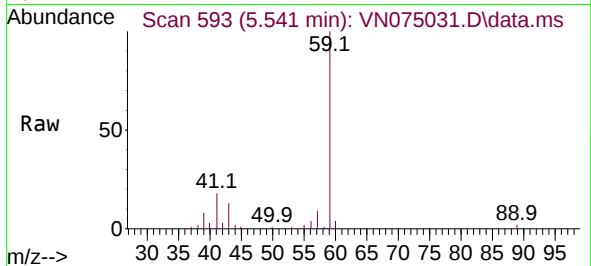
Tgt Ion:142 Resp: 89682
 Ion Ratio Lower Upper
 142 100
 127 46.5 38.0 57.0
 141 14.7 12.2 18.4





#11
Tert butyl alcohol
Concen: 214.452 ug/l
RT: 5.541 min Scan# 593
Delta R.T. -0.001 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

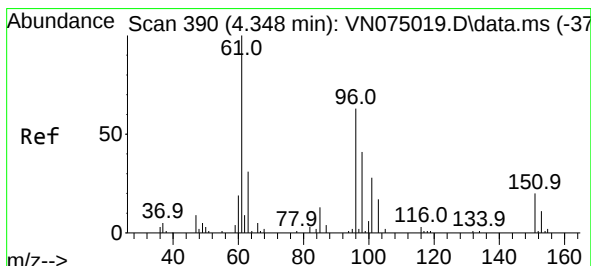
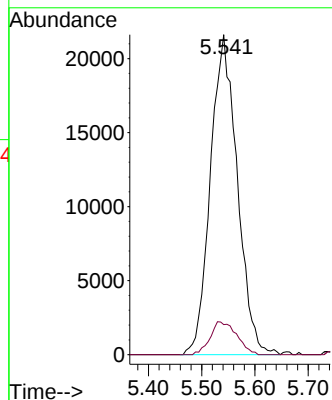
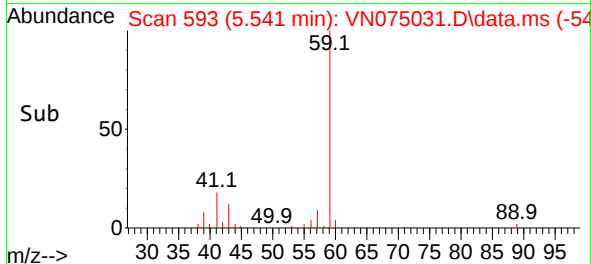
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



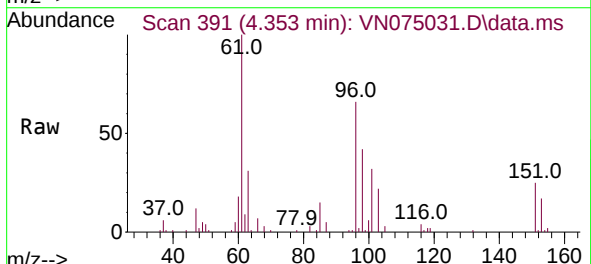
Tgt Ion: 59 Resp: 7563
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7

Manual Integrations
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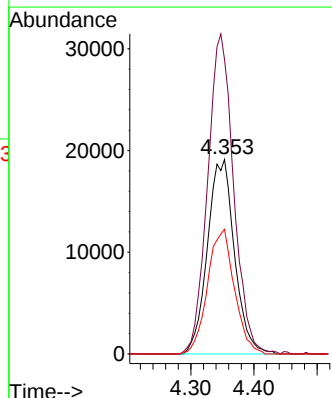
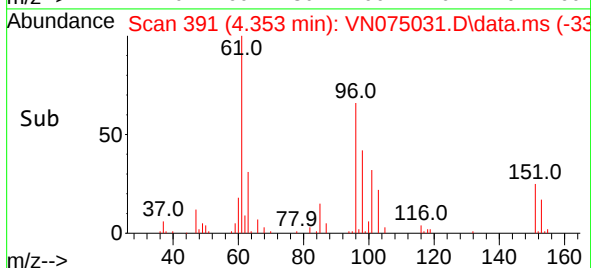
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

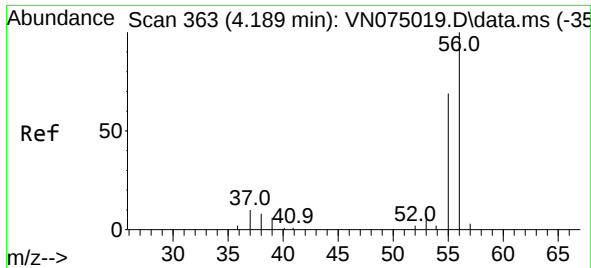


#12
1,1-Dichloroethene
Concen: 47.924 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.005 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30



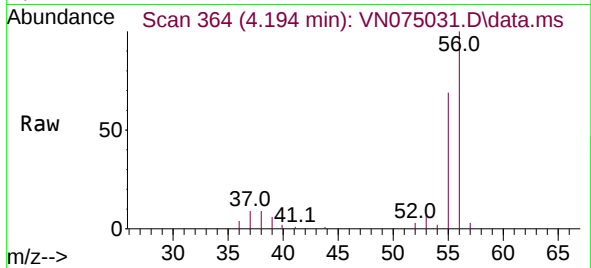
Tgt Ion: 96 Resp: 57019
Ion Ratio Lower Upper
96 100
61 151.4 126.2 189.4
98 64.1 51.5 77.3





#13
Acrolein
Concen: 209.673 ug/l
RT: 4.194 min Scan# 364
Delta R.T. 0.005 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

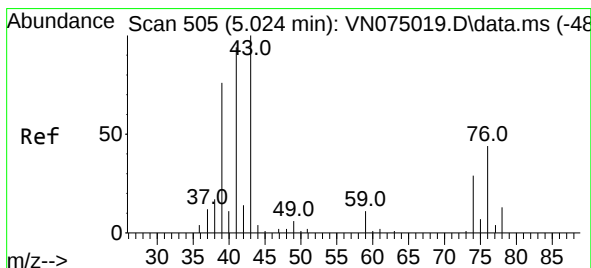
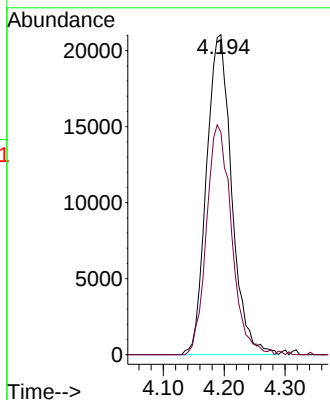
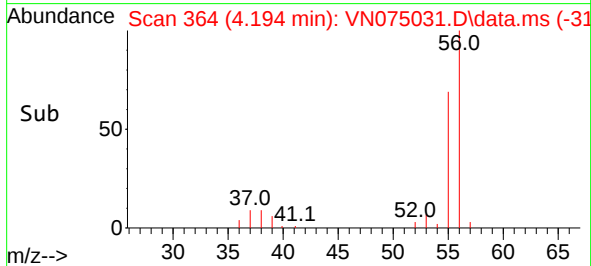
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 60485
Ion Ratio Lower Upper
56 100
55 71.5 55.2 82.8

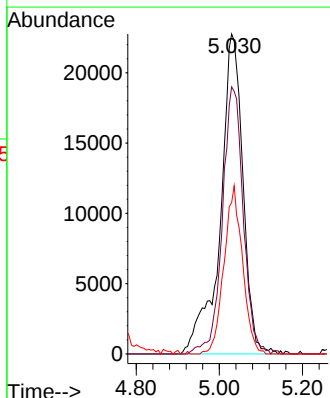
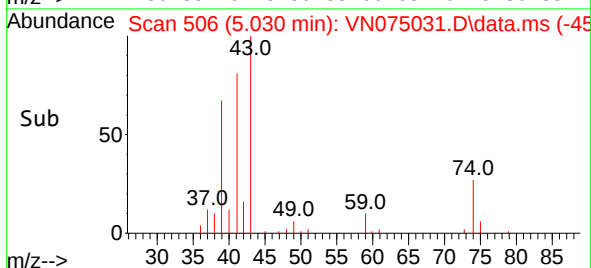
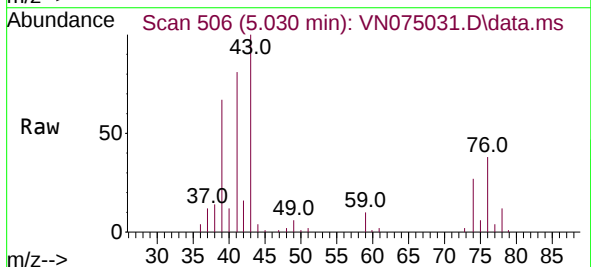
Manual Integrations
APPROVED

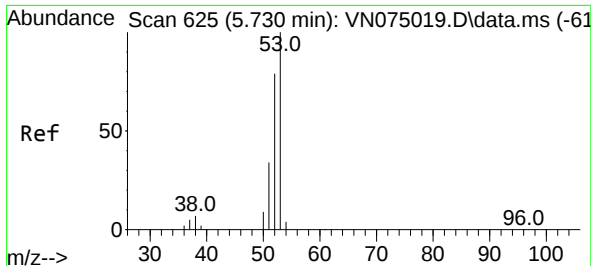
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#14
Allyl chloride
Concen: 49.684 ug/l
RT: 5.030 min Scan# 506
Delta R.T. 0.006 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

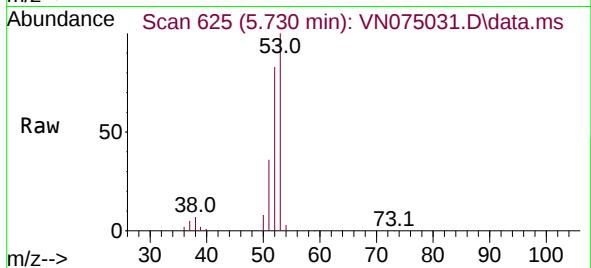
Tgt Ion: 41 Resp: 86336
Ion Ratio Lower Upper
41 100
39 76.6 61.0 91.4
76 42.7 33.4 50.0





#15
Acrylonitrile
Concen: 238.713 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

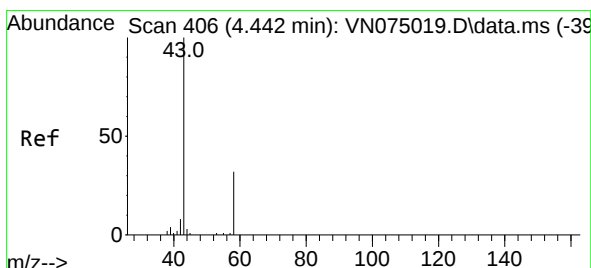
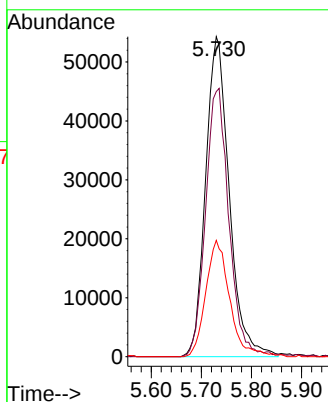
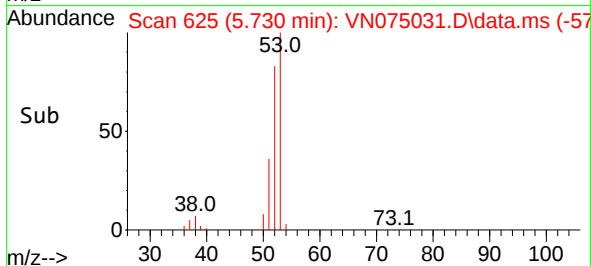
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 177844
Ion Ratio Lower Upper
53 100
52 83.1 66.4 99.6
51 36.9 29.6 44.4

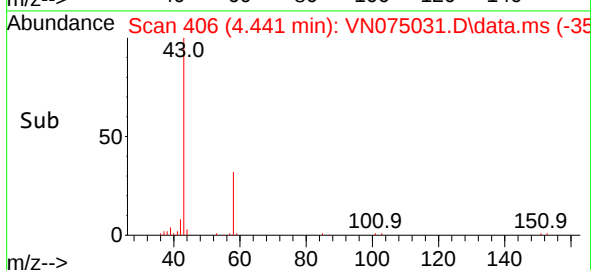
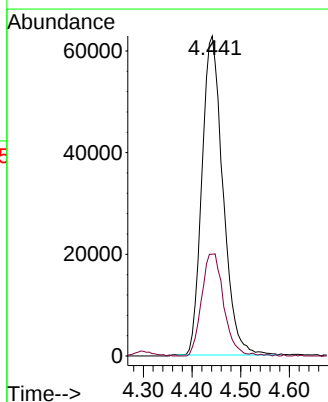
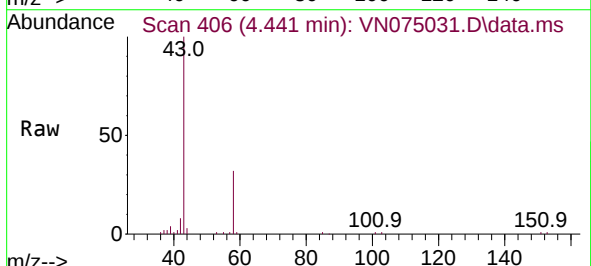
Manual Integrations
APPROVED

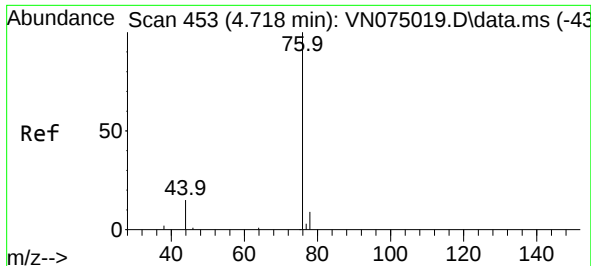
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#16
Acetone
Concen: 294.028 ug/l
RT: 4.441 min Scan# 406
Delta R.T. -0.001 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

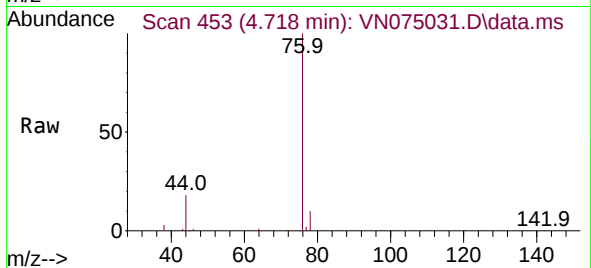
Tgt Ion: 43 Resp: 188283
Ion Ratio Lower Upper
43 100
58 31.9 25.5 38.3





#17
Carbon Disulfide
Concen: 48.856 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

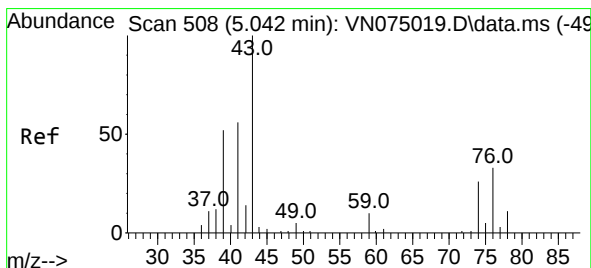
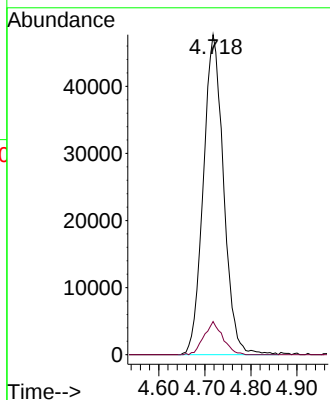
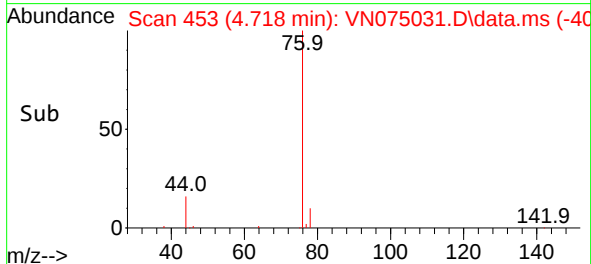
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



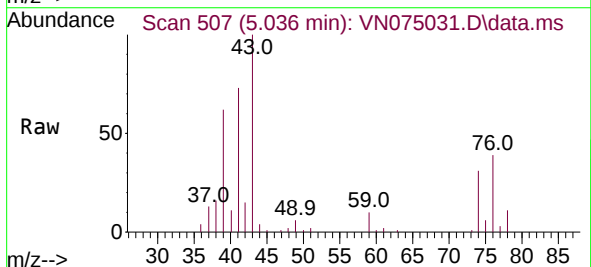
Tgt Ion: 76 Resp: 146178
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.2

Manual Integrations
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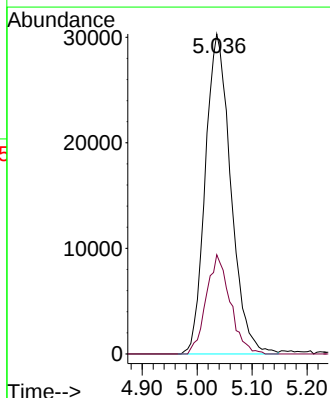
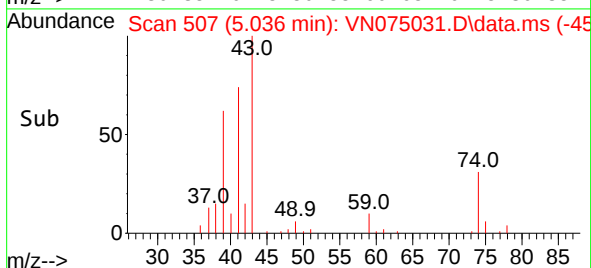
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

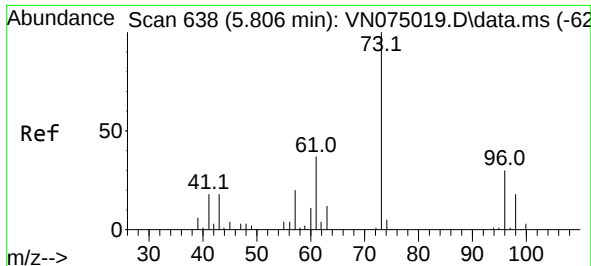


#18
Methyl Acetate
Concen: 46.781 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.006 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30



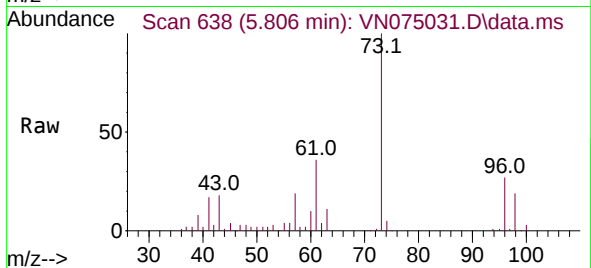
Tgt Ion: 43 Resp: 97853
Ion Ratio Lower Upper
43 100
74 29.0 22.0 33.0





#19
Methyl tert-butyl Ether
Concen: 50.623 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

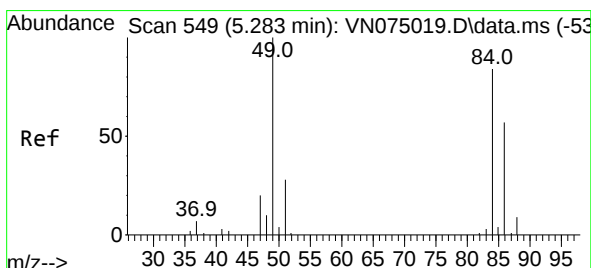
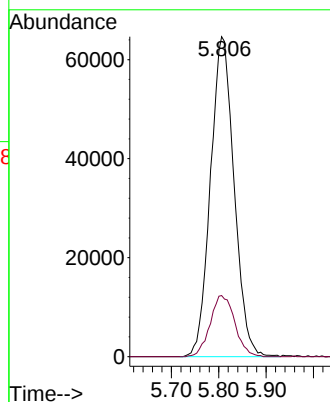
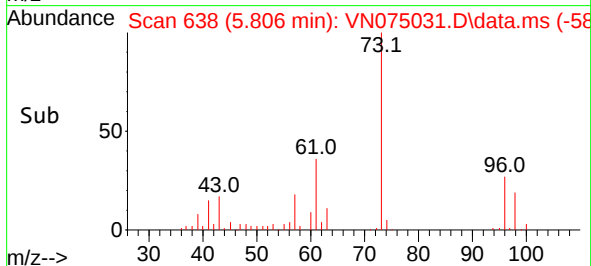
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 22386
Ion Ratio Lower Upper
73 100
57 19.1 16.3 24.5

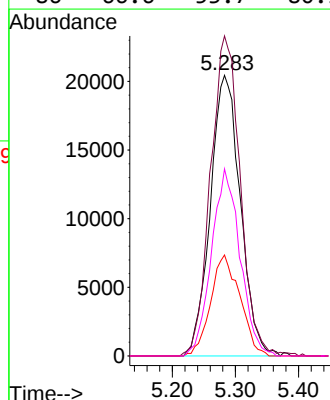
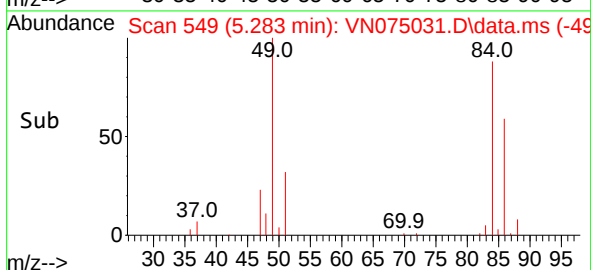
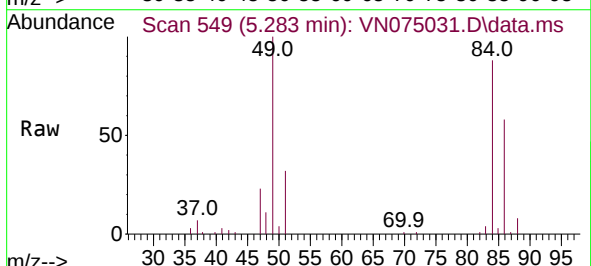
Manual Integrations
APPROVED

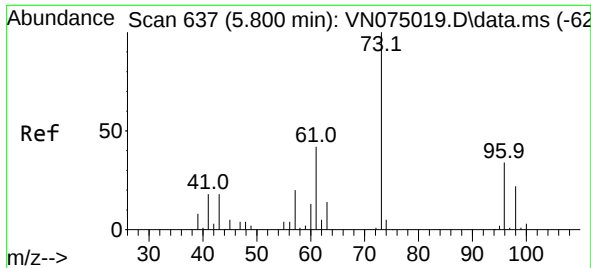
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#20
Methylene Chloride
Concen: 47.255 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

Tgt Ion: 84 Resp: 67469
Ion Ratio Lower Upper
84 100
49 114.0 94.9 142.3
51 35.9 26.8 40.2
86 66.6 53.7 80.5





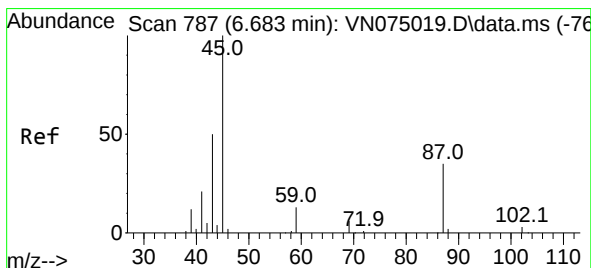
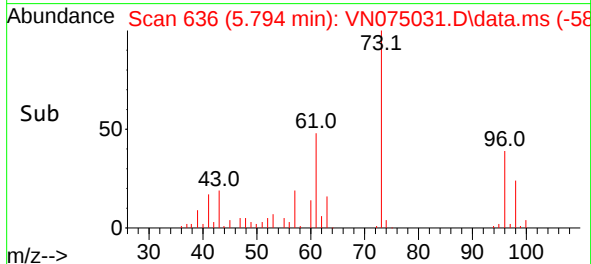
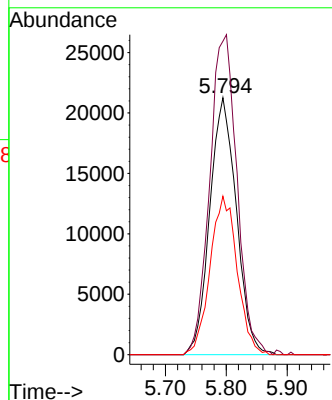
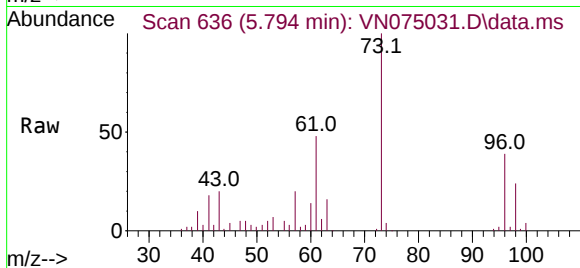
#21
trans-1,2-Dichloroethene
Concen: 49.622 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 6464
Ion Ratio Lower Upper
96 100
61 122.0 99.9 149.9
98 61.6 51.5 77.3

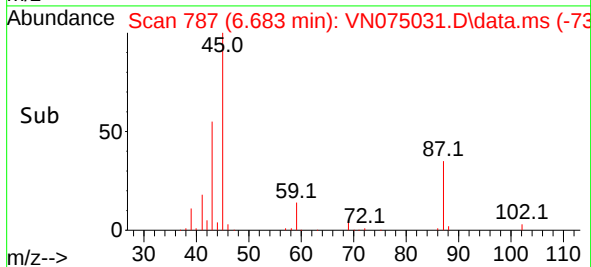
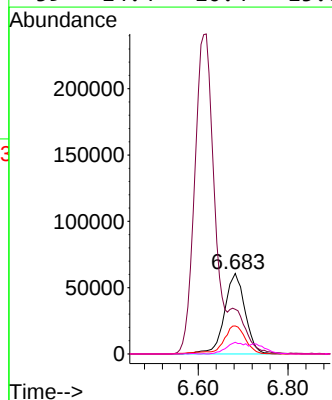
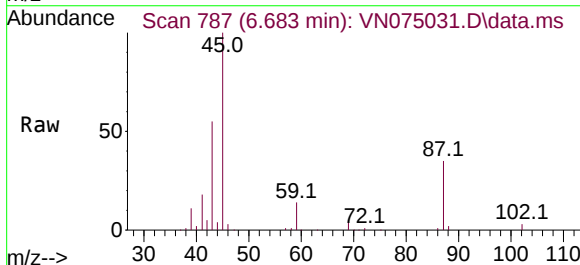
Manual Integrations
APPROVED

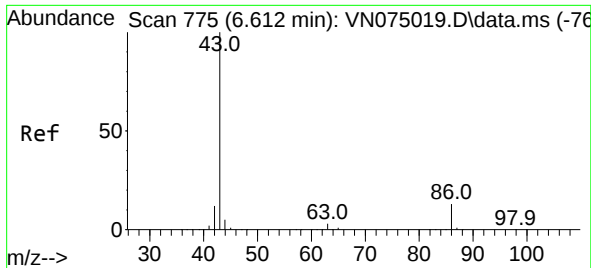
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#22
Diisopropyl ether
Concen: 50.373 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

Tgt Ion: 45 Resp: 193173
Ion Ratio Lower Upper
45 100
43 54.1 42.8 64.2
87 34.9 28.4 42.6
59 14.4 10.4 15.6





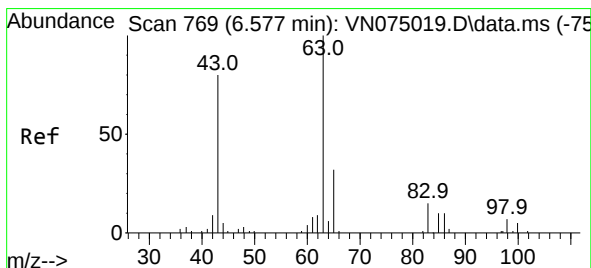
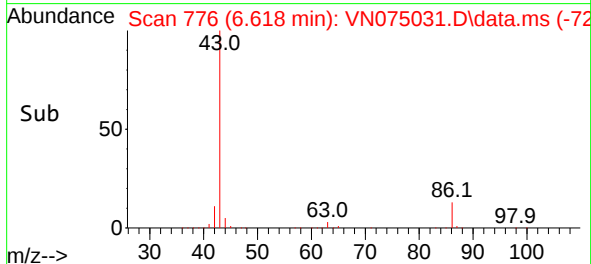
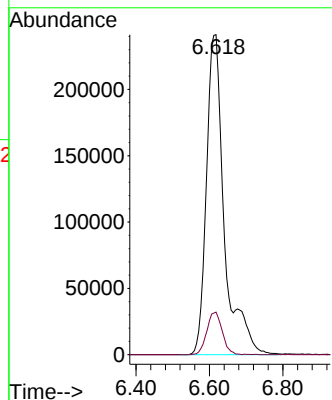
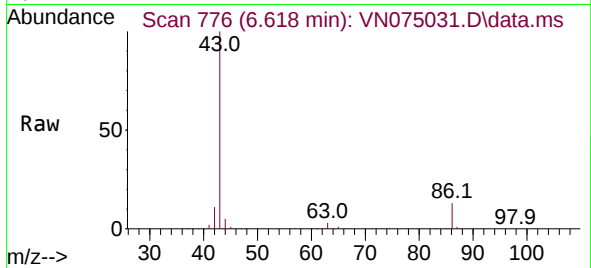
#23
 Vinyl Acetate
 Concen: 254.641 ug/l m
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN075031.D
 Acq: 27 Oct 2022 10:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 815430
 Ion Ratio Lower Upper
 43 100
 86 13.3 10.7 16.1

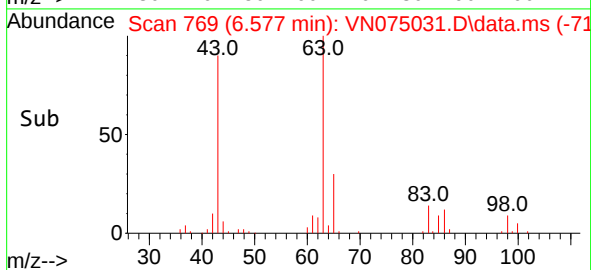
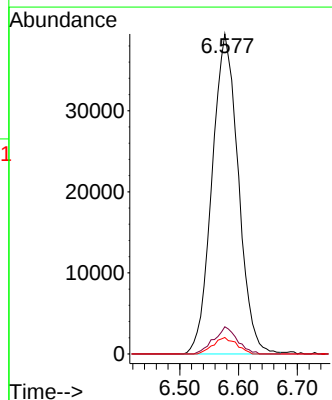
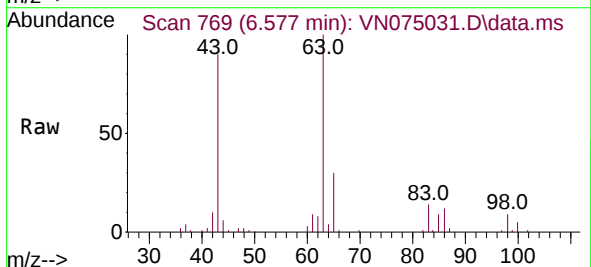
Manual Integrations
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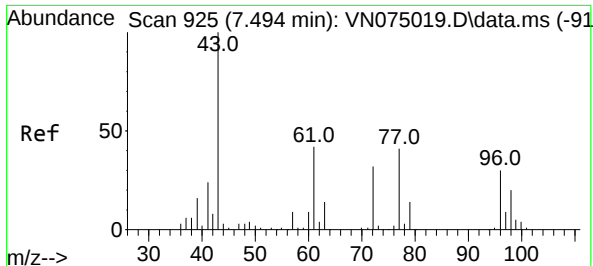
Reviewed By :John Carlone 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#24
 1,1-Dichloroethane
 Concen: 50.532 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075031.D
 Acq: 27 Oct 2022 10:30

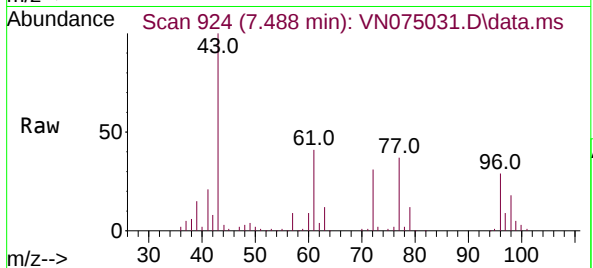
Tgt Ion: 63 Resp: 122558
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.6 10.8
 100 5.2 2.4 7.2





#25
2-Butanone
Concen: 254.190 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

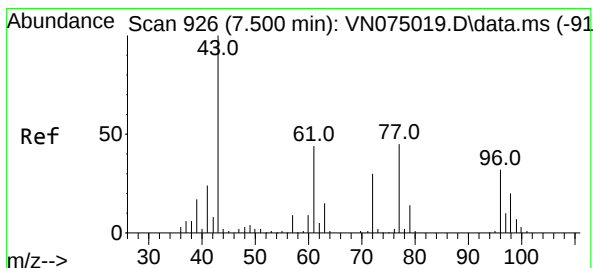
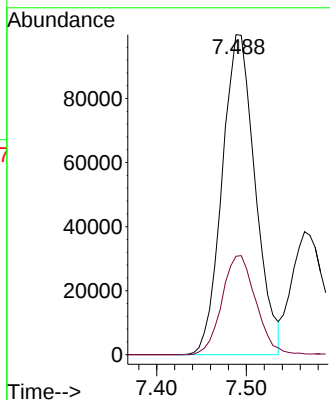
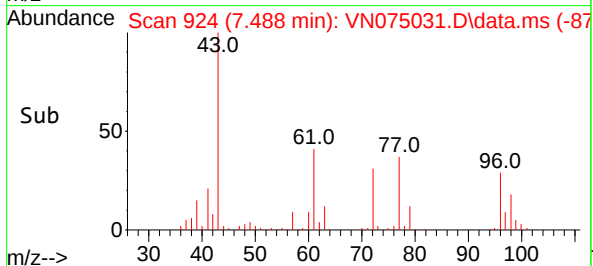
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



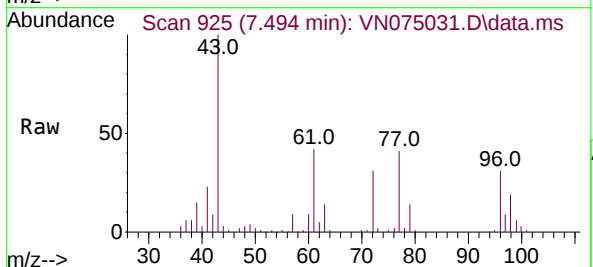
Tgt Ion: 43 Resp: 25602
Ion Ratio Lower Upper
43 100
72 30.8 25.5 38.3

Manual Integrations
APPROVED

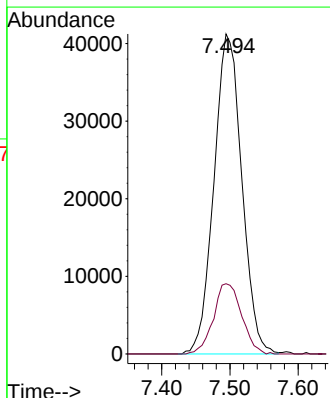
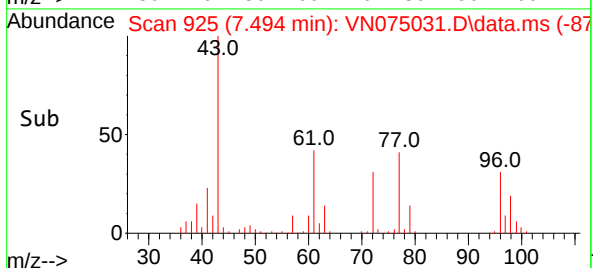
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

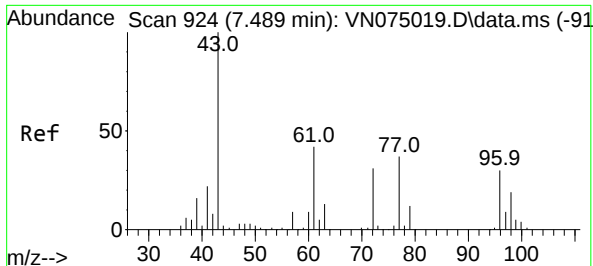


#26
2,2-Dichloropropane
Concen: 52.537 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.006 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30



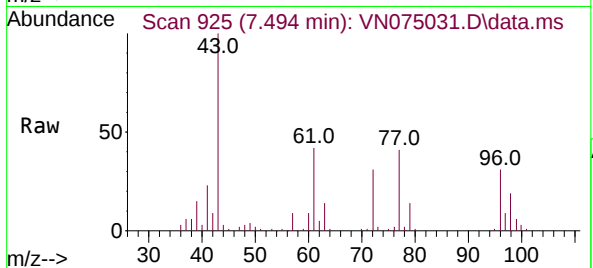
Tgt Ion: 77 Resp: 117221
Ion Ratio Lower Upper
77 100
97 22.2 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 50.161 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.005 min
 Lab File: VN075031.D
 Acq: 27 Oct 2022 10:30

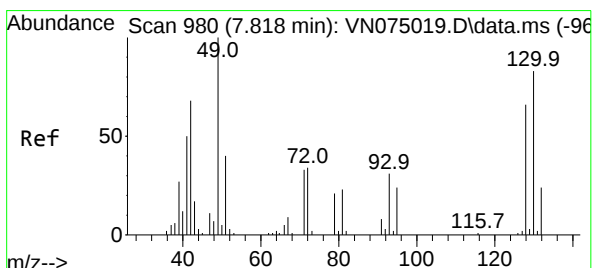
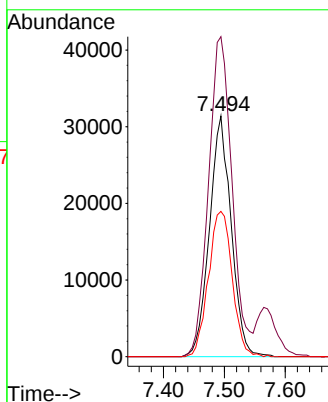
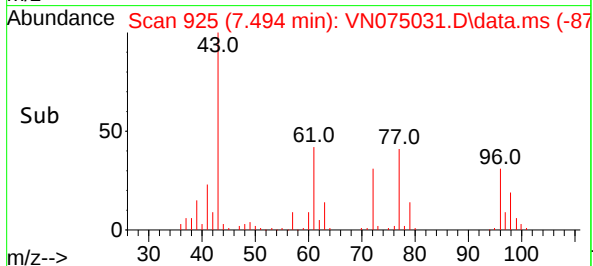
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 7803
 Ion Ratio Lower Upper
 96 100
 61 144.0 0.0 278.8
 98 65.9 0.0 128.4

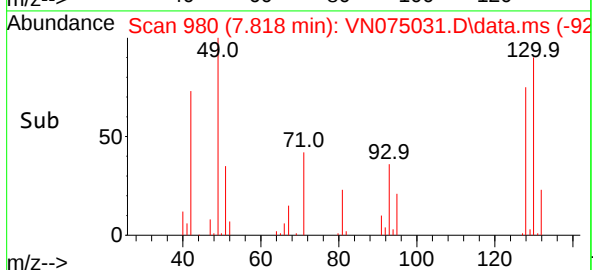
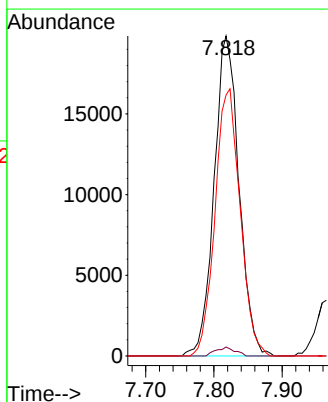
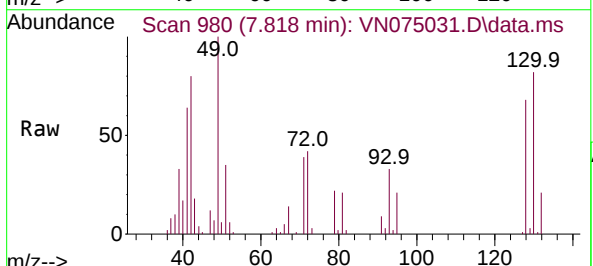
Manual Integrations
 APPROVED

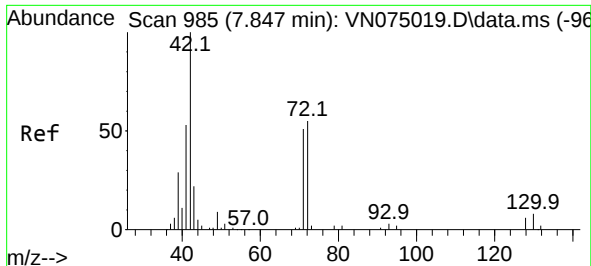
Reviewed By :John Carlone 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#28
 Bromochloromethane
 Concen: 49.206 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN075031.D
 Acq: 27 Oct 2022 10:30

Tgt Ion: 49 Resp: 50308
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 84.4 66.2 99.4





#29

Tetrahydrofuran

Concen: 244.309 ug/l

RT: 7.841 min Scan# 985

Delta R.T. -0.006 min

Lab File: VN075031.D

Acq: 27 Oct 2022 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

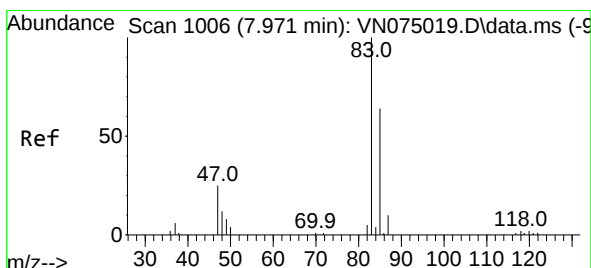
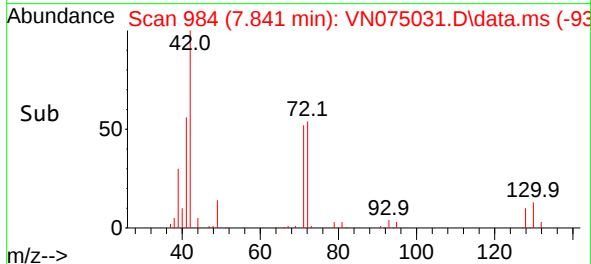
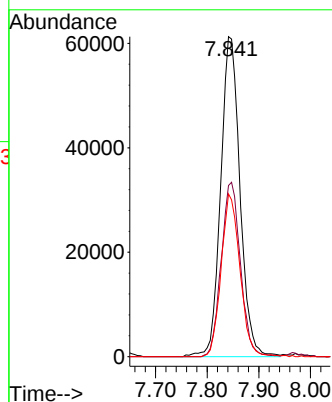
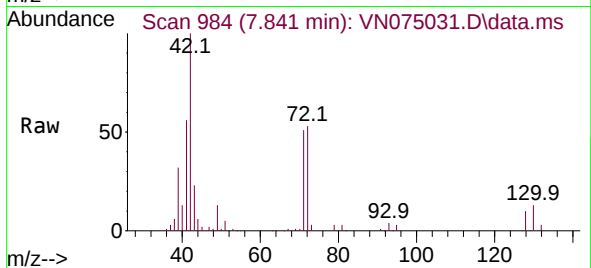
Tgt Ion: 42 Resp: 159010
 Ion Ratio Lower Upper
 42 100
 72 54.3 43.0 64.6
 71 49.5 39.9 59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#30

Chloroform

Concen: 51.696 ug/l

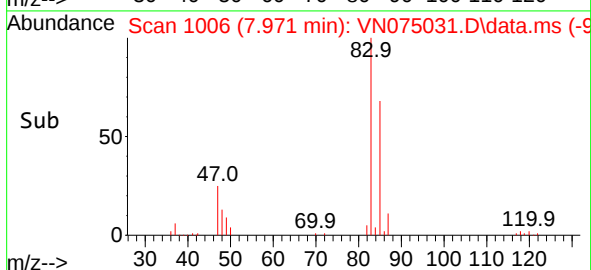
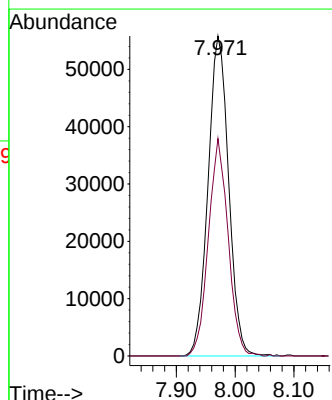
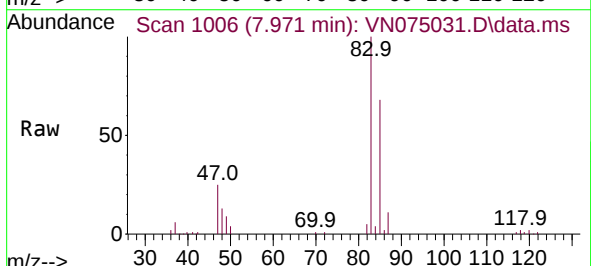
RT: 7.971 min Scan# 1006

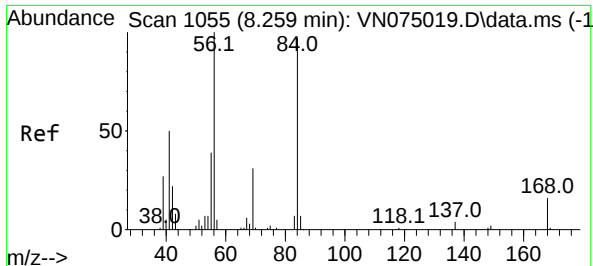
Delta R.T. -0.000 min

Lab File: VN075031.D

Acq: 27 Oct 2022 10:30

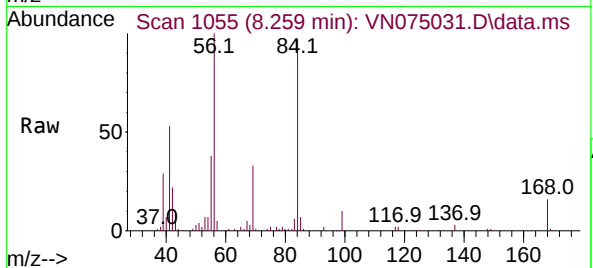
Tgt Ion: 83 Resp: 136131
 Ion Ratio Lower Upper
 83 100
 85 67.9 51.4 77.0





#31
Cyclohexane
Concen: 48.438 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

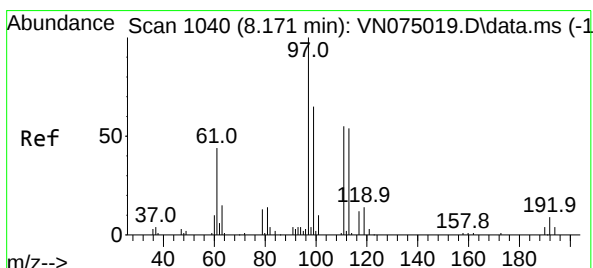
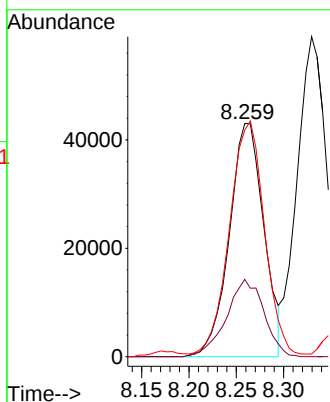
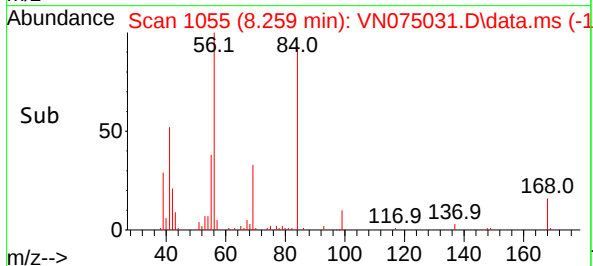
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



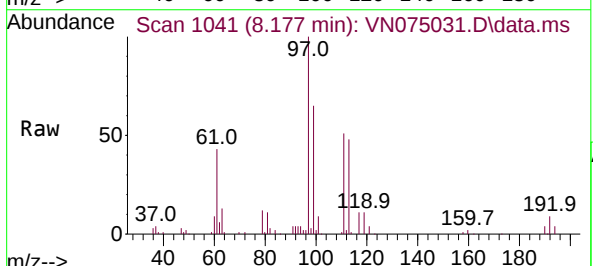
Tgt Ion: 56 Resp: 108949
Ion Ratio Lower Upper
56 100
69 33.1 25.2 37.8
84 95.7 77.8 116.8

Manual Integrations
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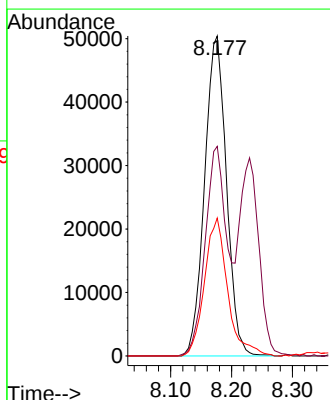
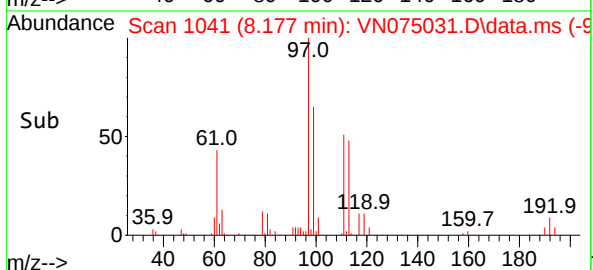
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

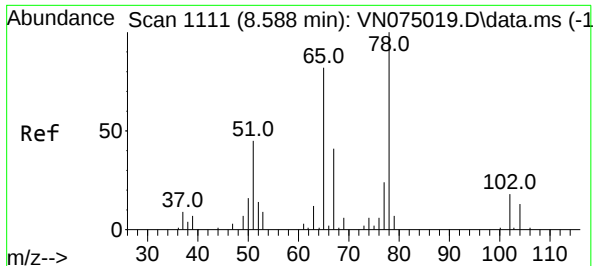


#32
1,1,1-Trichloroethane
Concen: 52.582 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30



Tgt Ion: 97 Resp: 125739
Ion Ratio Lower Upper
97 100
99 67.1 50.2 75.2
61 45.6 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 51.244 ug/l

RT: 8.582 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN075031.D

Acq: 27 Oct 2022 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 7749

Ion Ratio Lower Upper

65 100

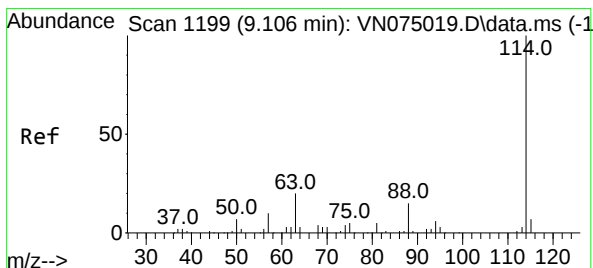
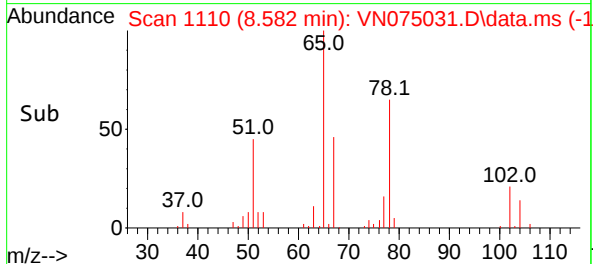
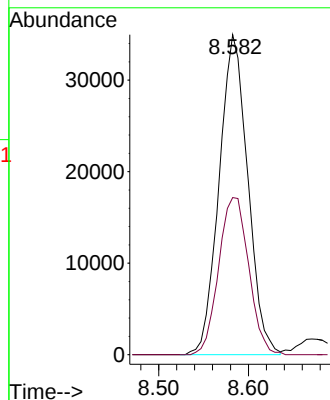
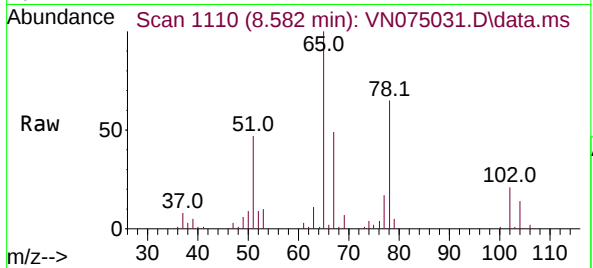
67 51.5 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075031.D

Acq: 27 Oct 2022 10:30

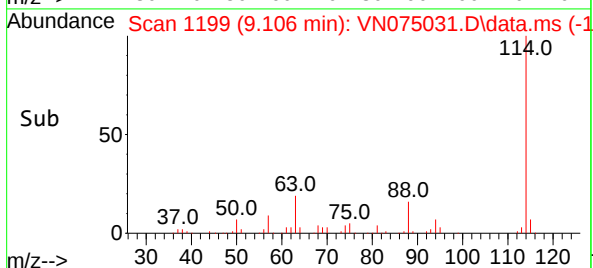
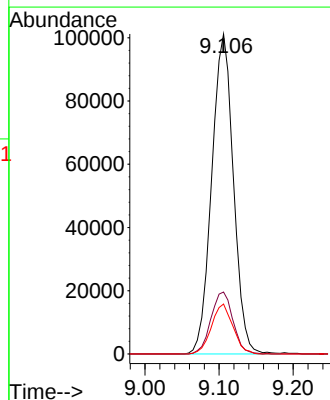
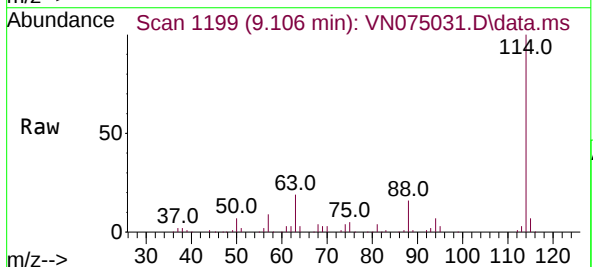
Tgt Ion:114 Resp: 205986

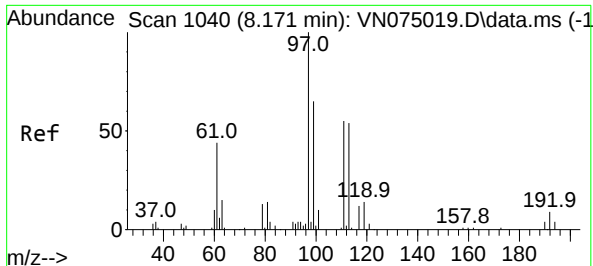
Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

88 15.6 0.0 29.0





#35

Dibromofluoromethane

Concen: 50.885 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075031.D

Acq: 27 Oct 2022 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 6153

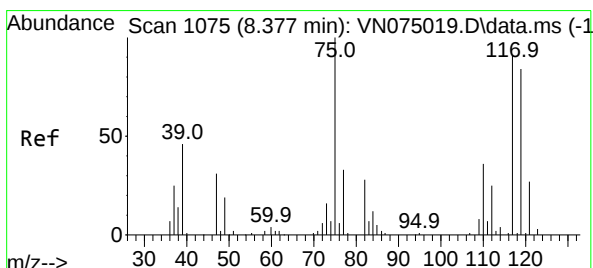
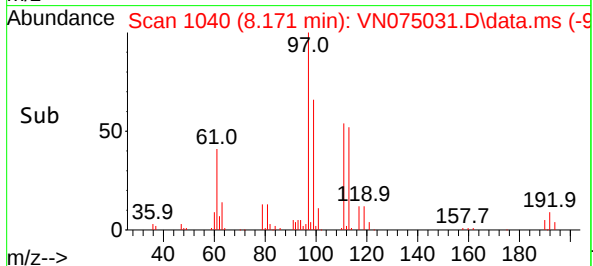
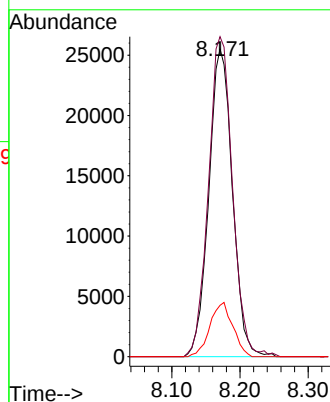
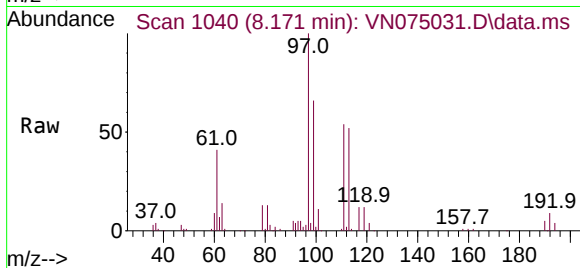
Ion	Ratio	Lower	Upper
113	100		
111	105.8	80.5	120.7
192	17.1	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#36

1,1-Dichloropropene

Concen: 52.725 ug/l

RT: 8.377 min Scan# 1075

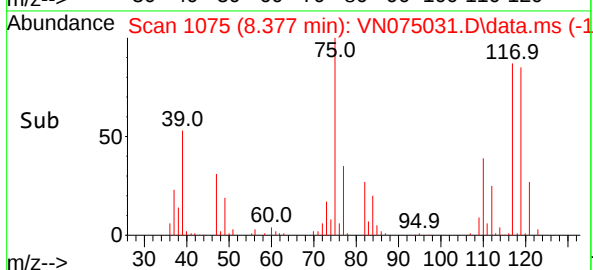
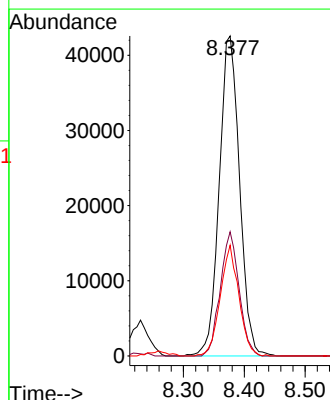
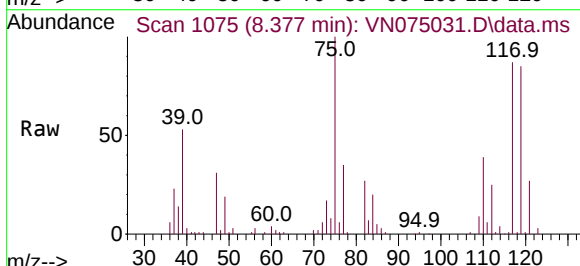
Delta R.T. -0.000 min

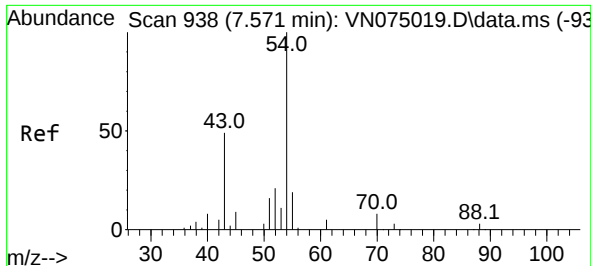
Lab File: VN075031.D

Acq: 27 Oct 2022 10:30

Tgt Ion: 75 Resp: 98708

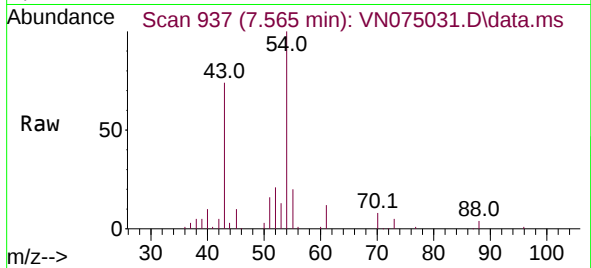
Ion	Ratio	Lower	Upper
75	100		
110	35.9	17.8	53.3
77	31.7	24.6	37.0





#37
Ethyl Acetate
Concen: 48.998 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

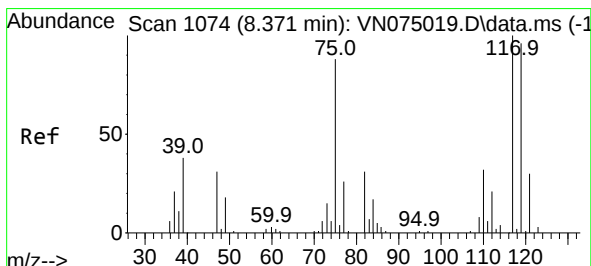
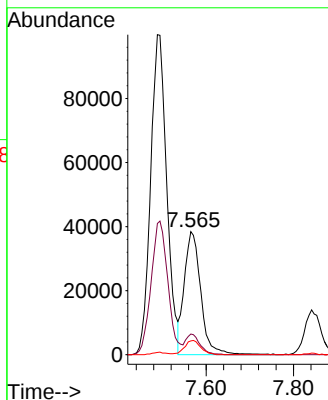
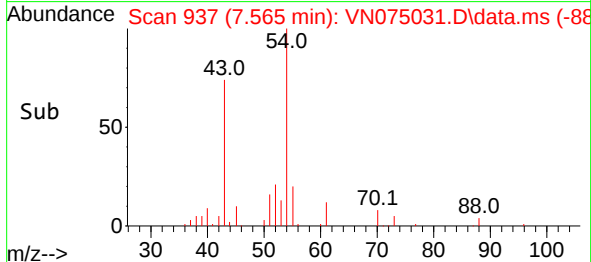
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 100598
Ion Ratio Lower Upper
43 100
61 14.1 12.2 18.4
70 11.3 9.4 14.2

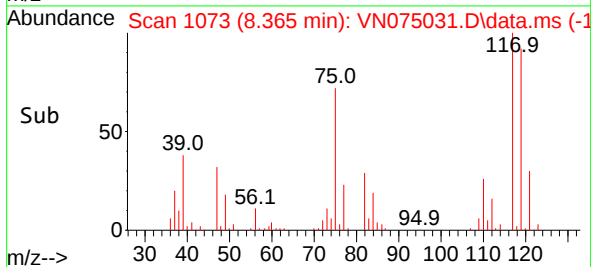
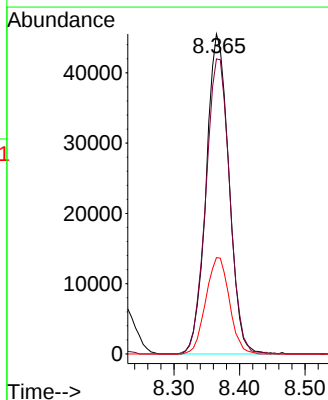
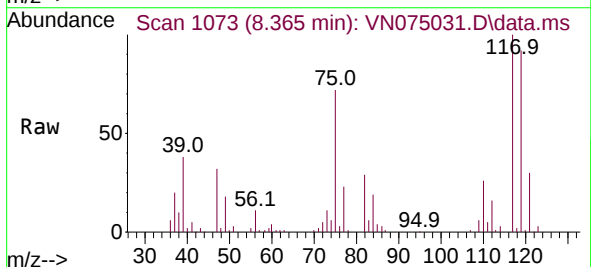
Manual Integrations
APPROVED

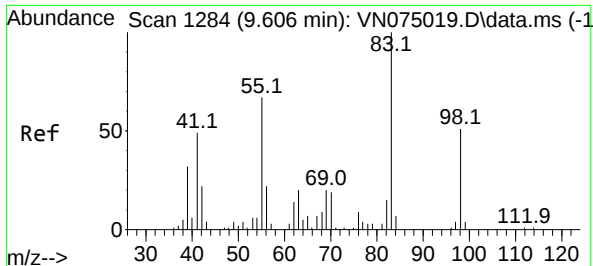
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#38
Carbon Tetrachloride
Concen: 53.166 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

Tgt Ion:117 Resp: 109487
Ion Ratio Lower Upper
117 100
119 92.2 76.7 115.1
121 30.1 23.9 35.9





#39

Methylcyclohexane

Concen: 54.231 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075031.D

Acq: 27 Oct 2022 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 13403

Ion Ratio Lower Upper

83 100

55 63.8 53.6 80.4

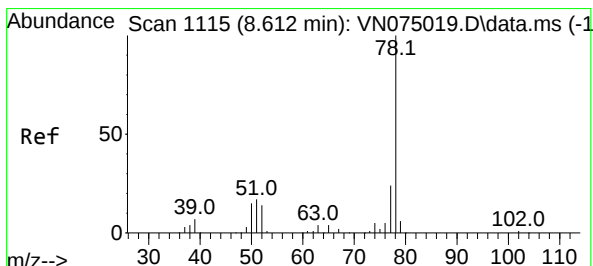
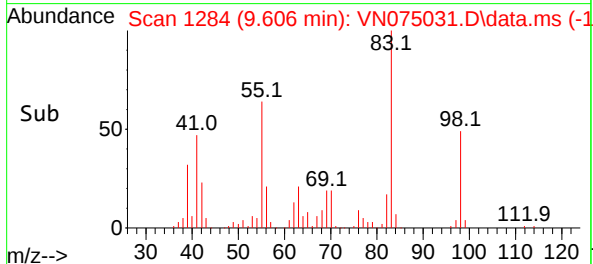
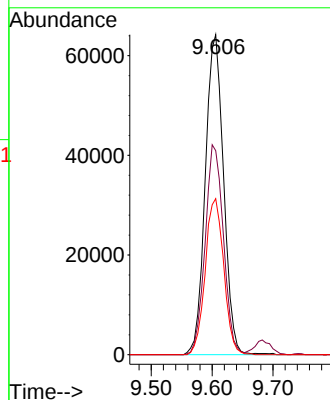
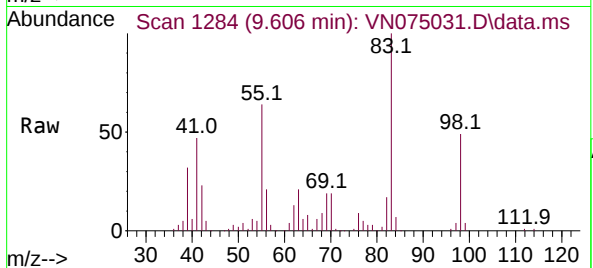
98 48.7 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#40

Benzene

Concen: 52.520 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075031.D

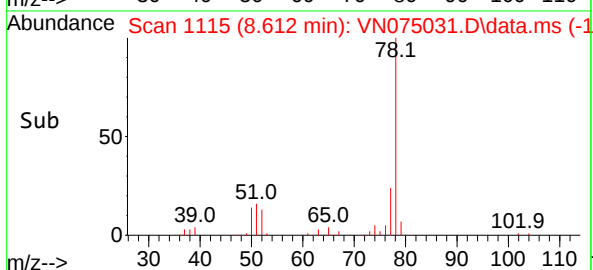
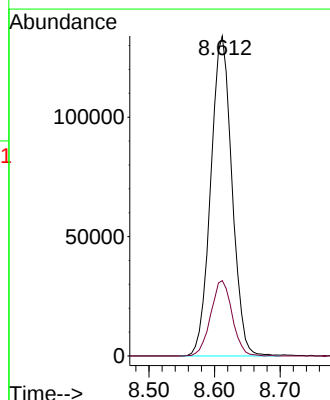
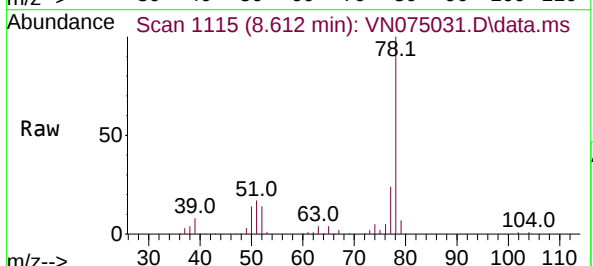
Acq: 27 Oct 2022 10:30

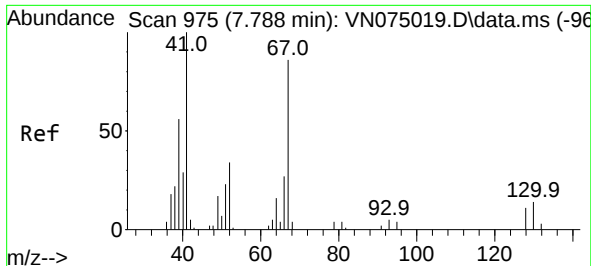
Tgt Ion: 78 Resp: 301053

Ion Ratio Lower Upper

78 100

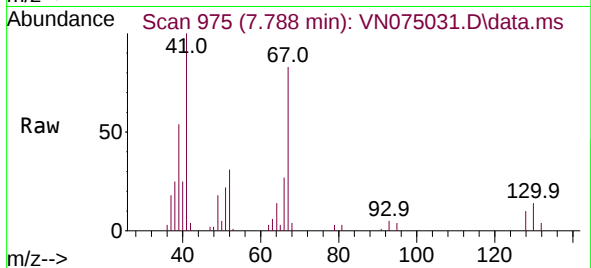
77 23.6 19.4 29.0





#41
Methacrylonitrile
Concen: 52.129 ug/l
RT: 7.788 min Scan# 912
Delta R.T. 0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

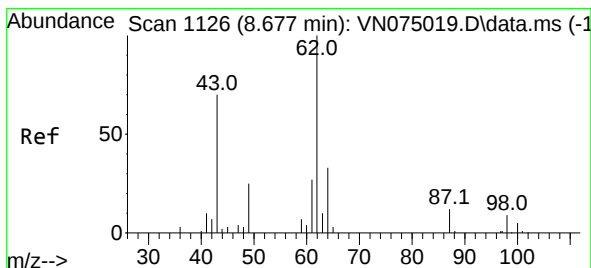
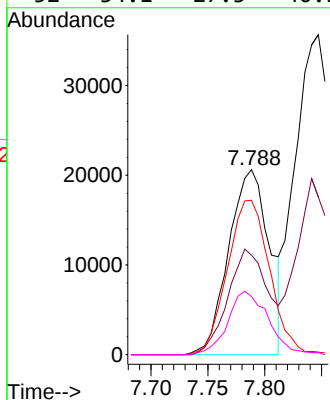
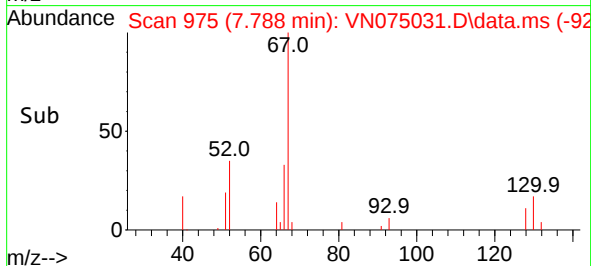
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



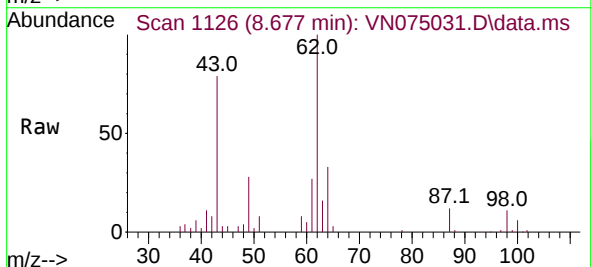
Tgt Ion: 41 Resp: 51270
Ion Ratio Lower Upper
41 100
39 56.2 44.4 66.6
67 87.0 69.8 104.6
52 34.1 27.3 40.9

Manual Integrations
APPROVED

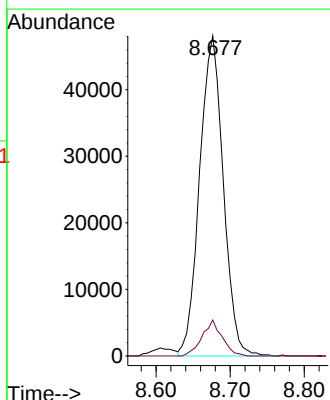
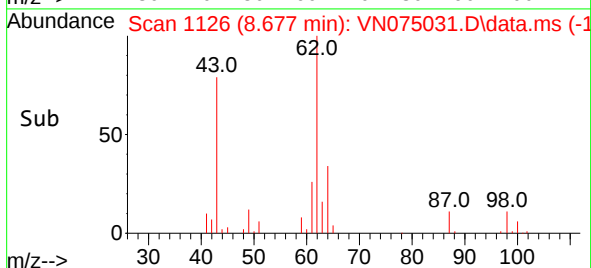
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

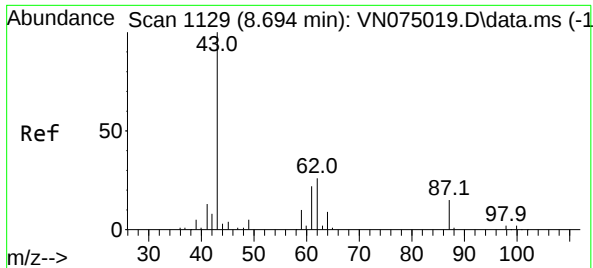


#42
1,2-Dichloroethane
Concen: 51.199 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30



Tgt Ion: 62 Resp: 106774
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.2





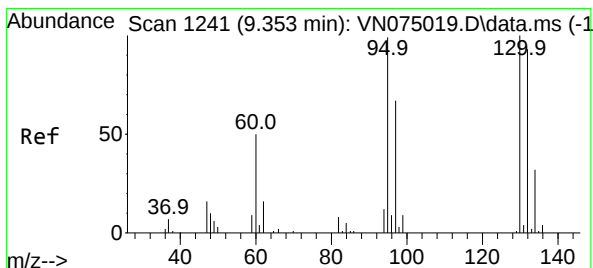
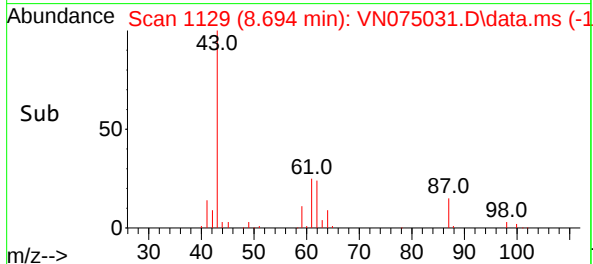
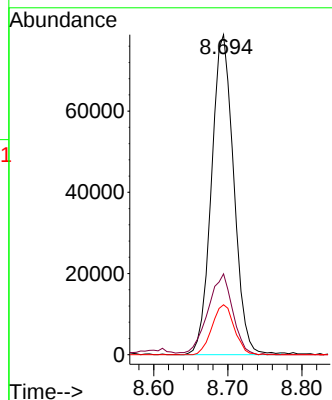
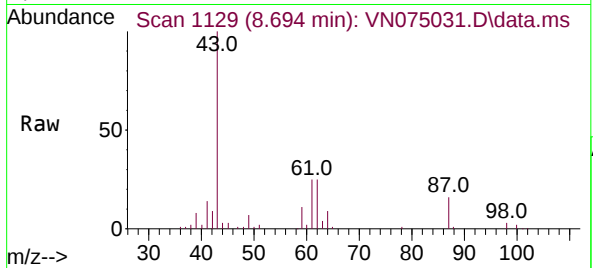
#43
Isopropyl Acetate
Concen: 51.589 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 16429
Ion Ratio Lower Upper
43 100
61 28.1 22.4 33.6
87 15.6 12.5 18.7

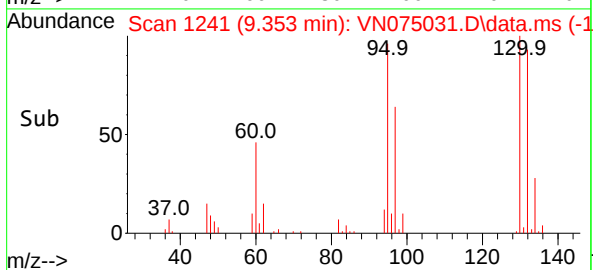
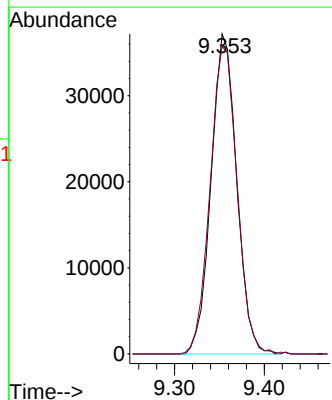
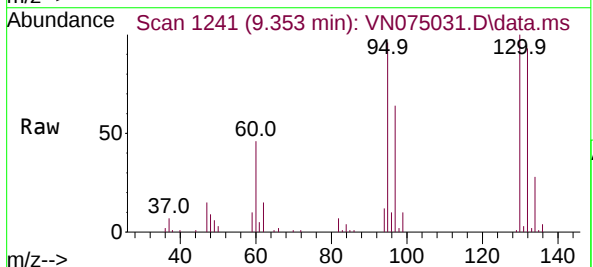
Manual Integrations
APPROVED

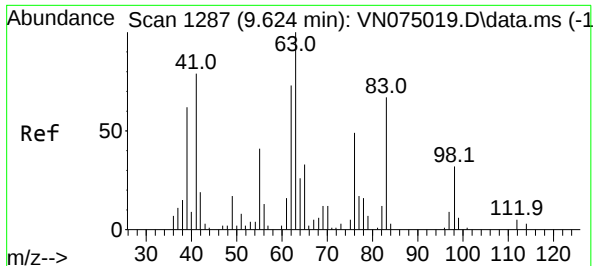
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#44
Trichloroethene
Concen: 51.178 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

Tgt Ion:130 Resp: 73600
Ion Ratio Lower Upper
130 100
95 96.2 0.0 198.4





#45

1,2-Dichloropropane

Concen: 52.781 ug/l

RT: 9.623 min Scan# 1287

Delta R.T. -0.001 min

Lab File: VN075031.D

Acq: 27 Oct 2022 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 7200

Ion Ratio Lower Upper

63 100

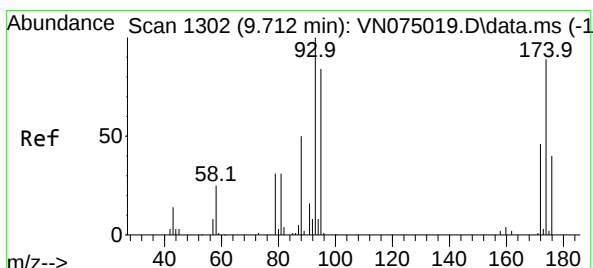
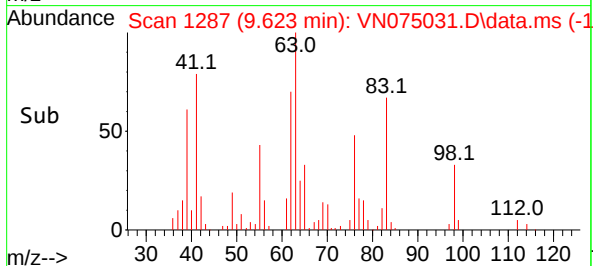
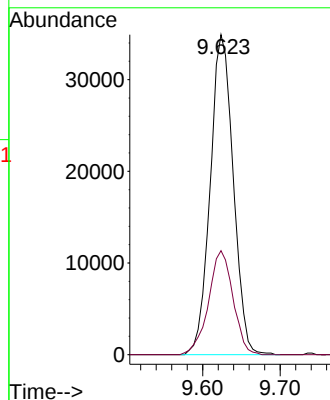
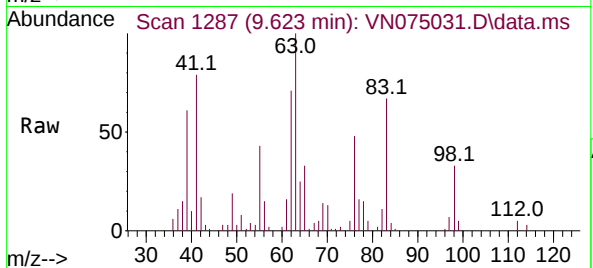
65 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#46

Dibromomethane

Concen: 52.699 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075031.D

Acq: 27 Oct 2022 10:30

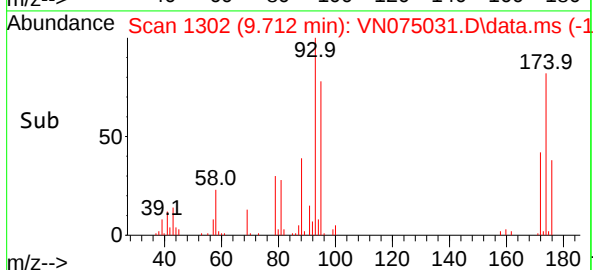
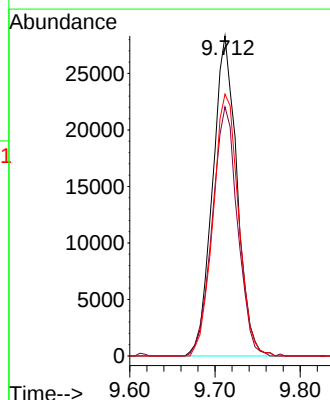
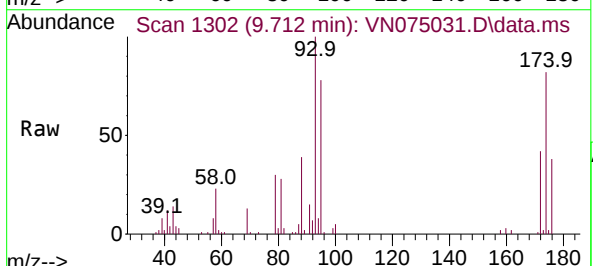
Tgt Ion: 93 Resp: 56008

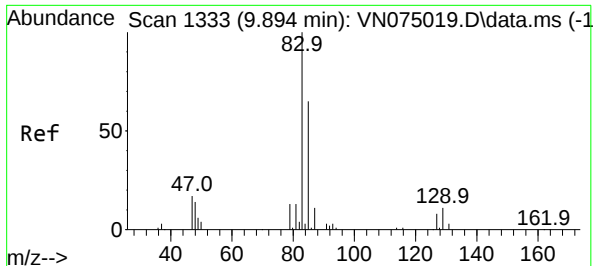
Ion Ratio Lower Upper

93 100

95 80.9 66.6 99.8

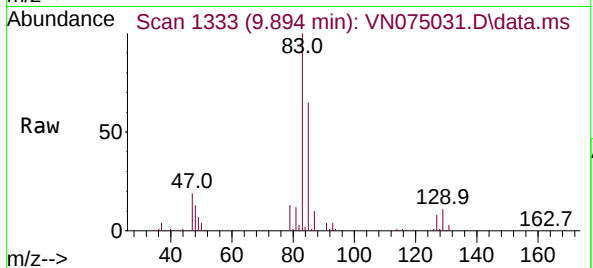
174 85.6 70.3 105.5





#47
Bromodichloromethane
Concen: 52.829 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

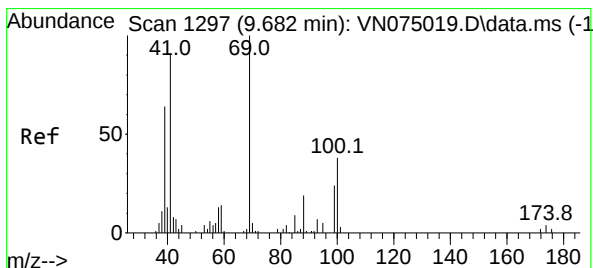
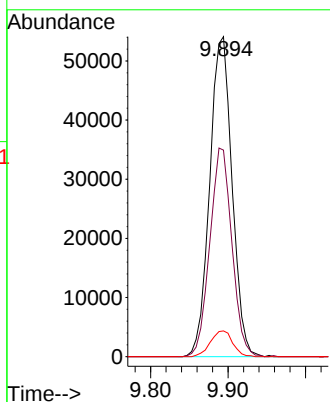
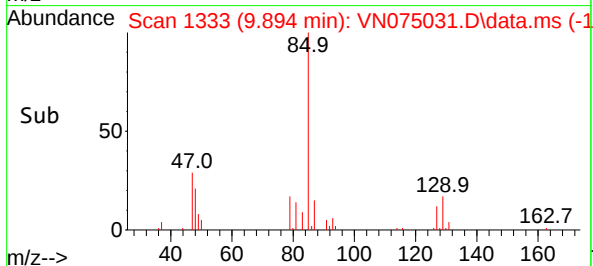
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



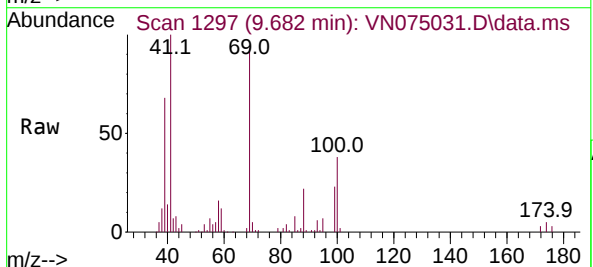
Tgt Ion: 83 Resp: 108728
Ion Ratio Lower Upper
83 100
85 64.6 52.1 78.1
127 8.0 6.6 10.0

Manual Integrations
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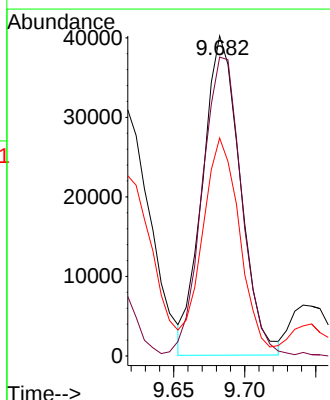
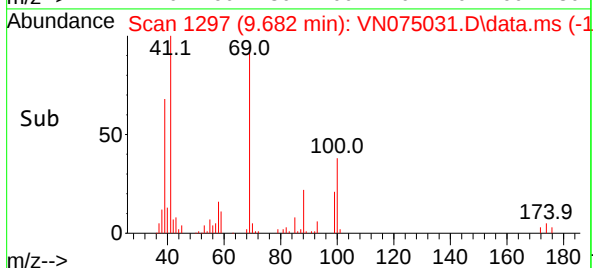
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

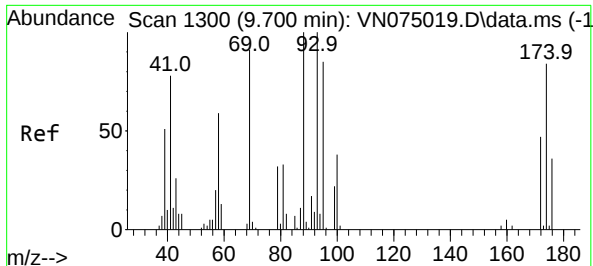


#48
Methyl methacrylate
Concen: 50.734 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30



Tgt Ion: 41 Resp: 74114
Ion Ratio Lower Upper
41 100
69 97.0 80.2 120.2
39 68.0 56.2 84.2





#49

1,4-Dioxane

Concen: 983.766 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN075031.D

Acq: 27 Oct 2022 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 3763

Ion Ratio Lower Upper

88 100

43 0.0 17.5 26.3

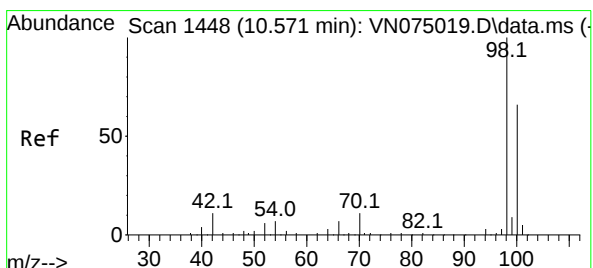
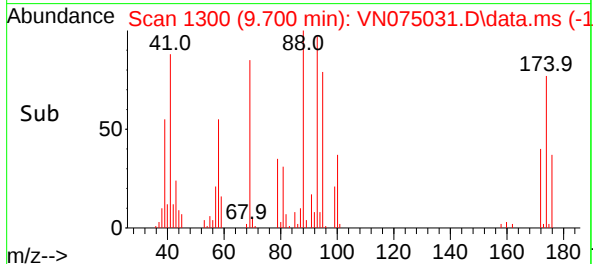
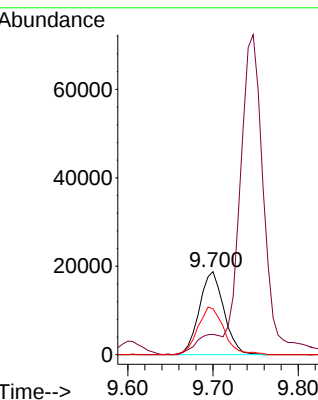
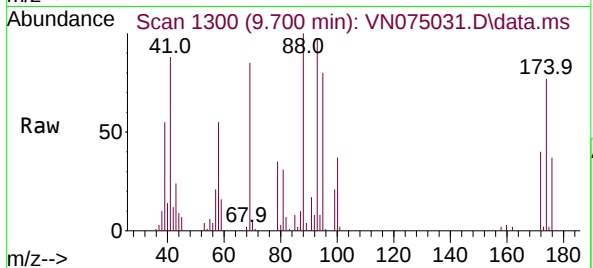
58 61.1 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#50

Toluene-d8

Concen: 54.783 ug/l

RT: 10.570 min Scan# 1448

Delta R.T. -0.001 min

Lab File: VN075031.D

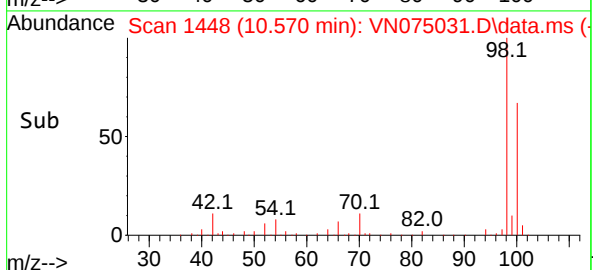
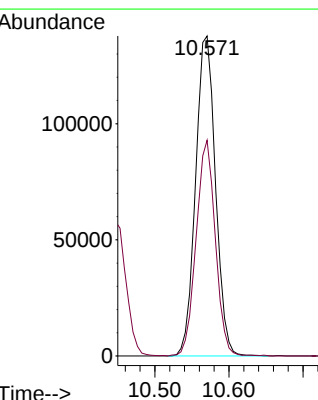
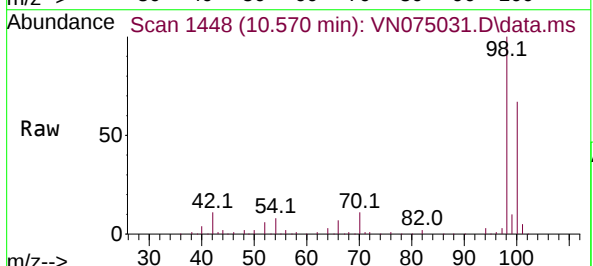
Acq: 27 Oct 2022 10:30

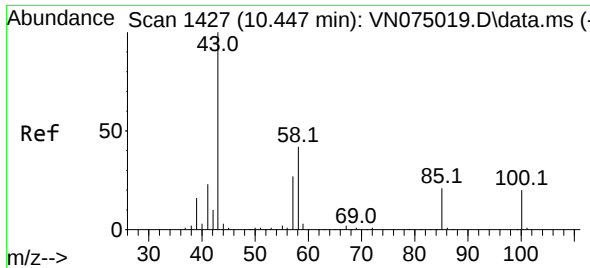
Tgt Ion: 98 Resp: 257016

Ion Ratio Lower Upper

98 100

100 64.9 53.0 79.6





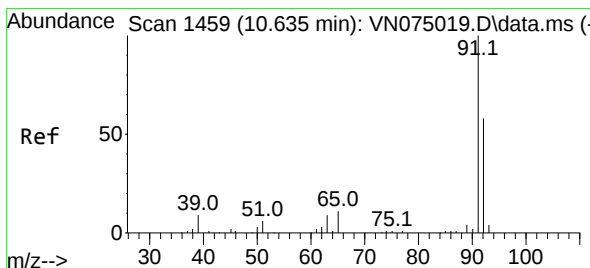
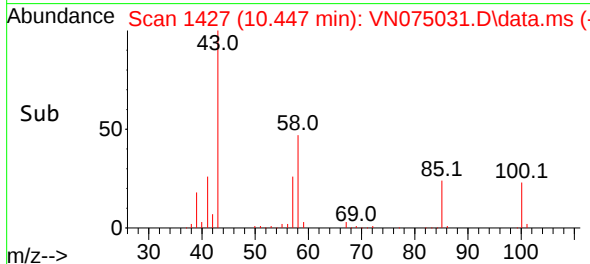
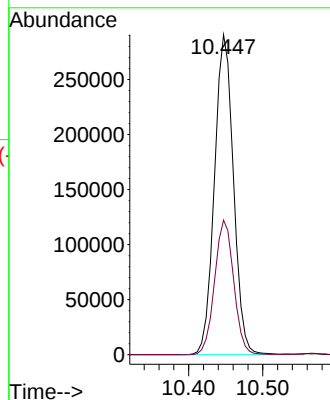
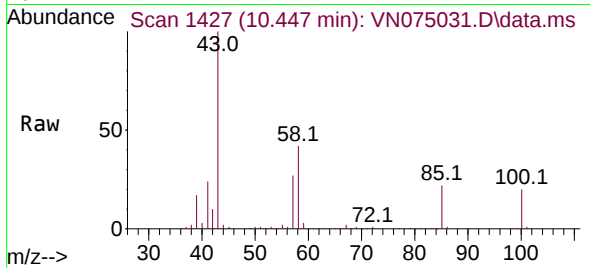
#51
4-Methyl-2-Pentanone
Concen: 252.144 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 51817
Ion Ratio Lower Upper
43 100
58 42.3 33.6 50.4

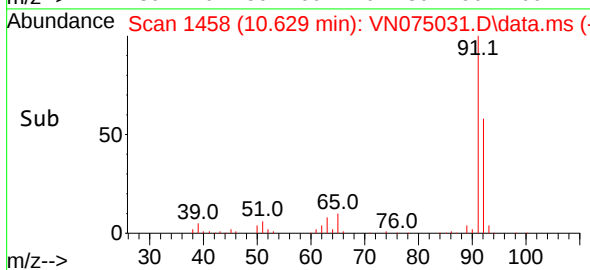
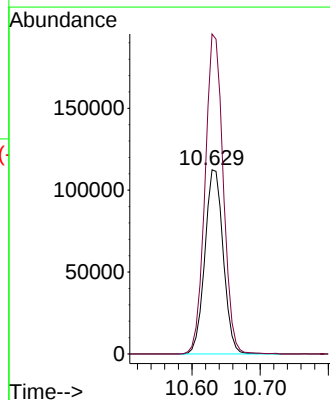
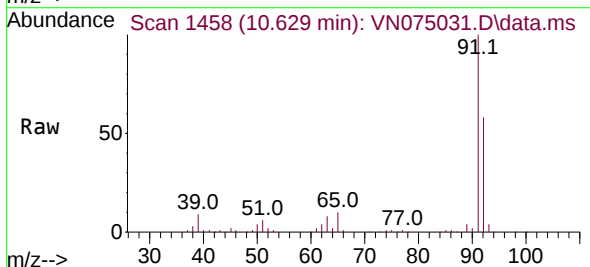
Manual Integrations
APPROVED

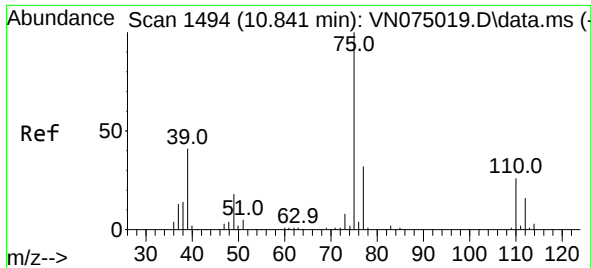
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#52
Toluene
Concen: 55.010 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

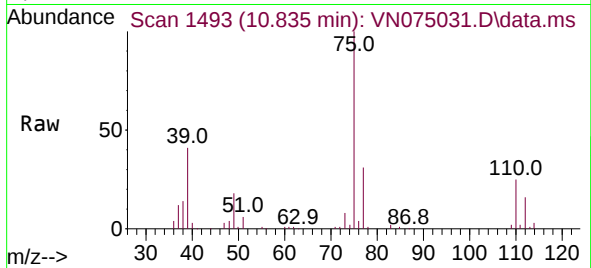
Tgt Ion: 92 Resp: 210786
Ion Ratio Lower Upper
92 100
91 171.7 135.4 203.2





#53
t-1,3-Dichloropropene
Concen: 56.738 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

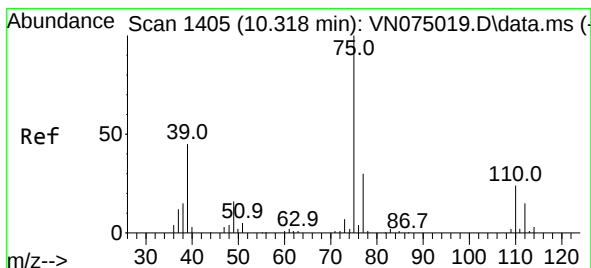
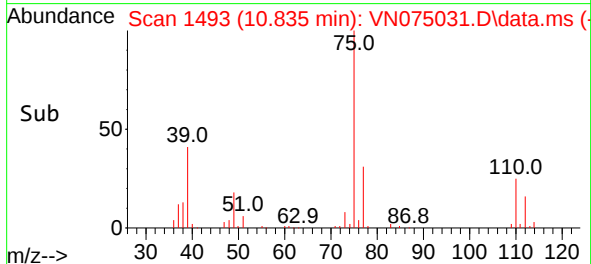
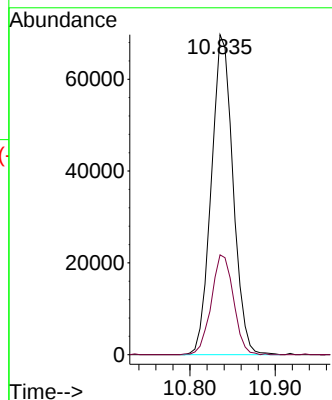
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 12325
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2

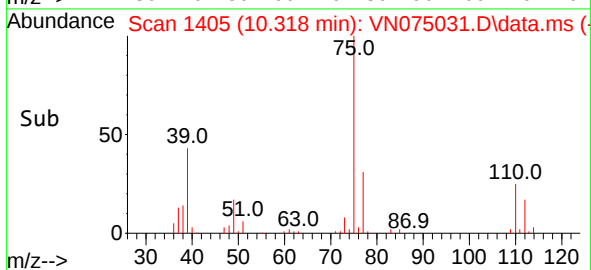
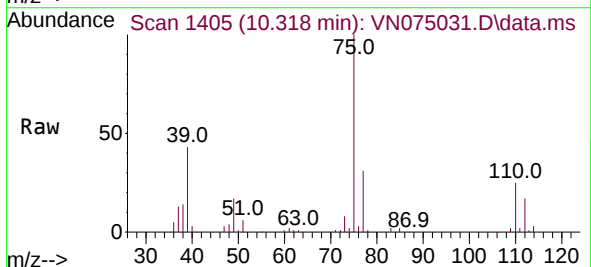
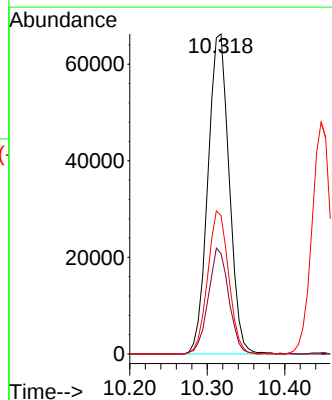
Manual Integrations
APPROVED

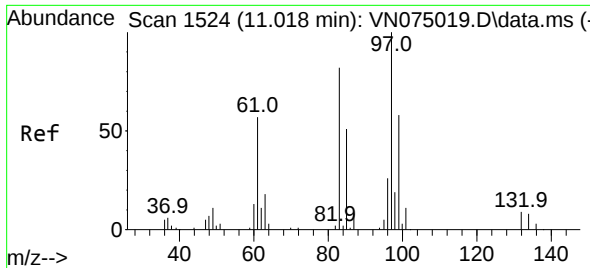
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#54
cis-1,3-Dichloropropene
Concen: 54.912 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. -0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

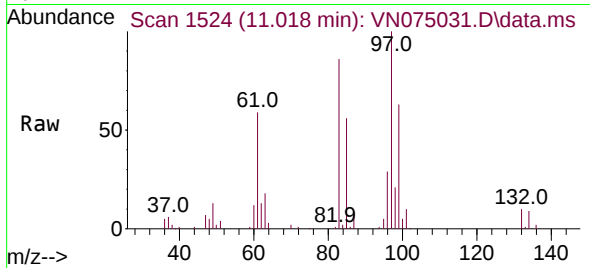
Tgt Ion: 75 Resp: 126522
Ion Ratio Lower Upper
75 100
77 31.3 23.7 35.5
39 43.3 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 52.672 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

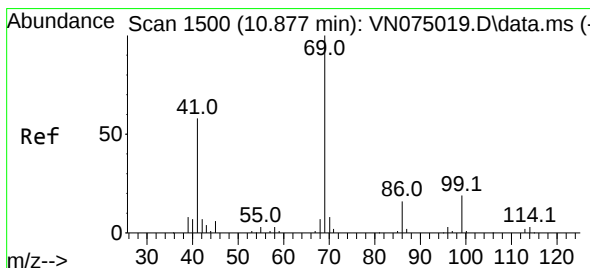
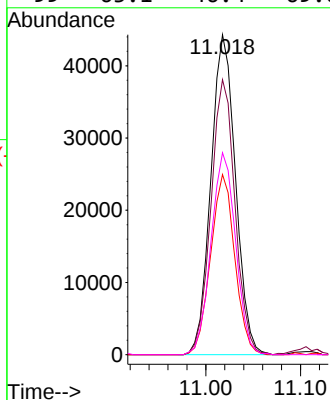
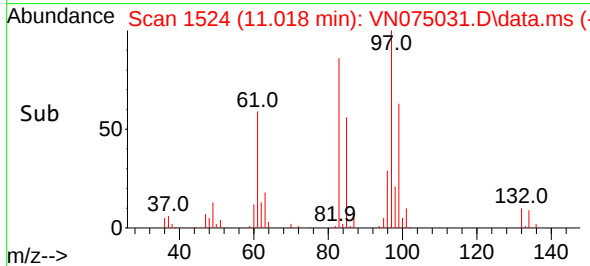
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



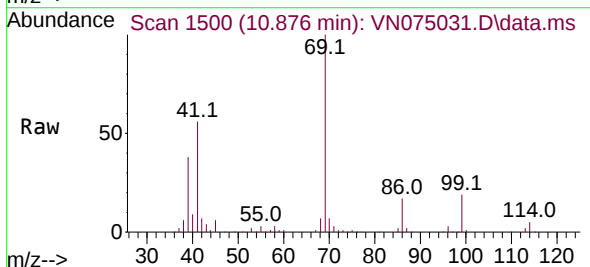
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.0	65.9	98.9
85	56.3	40.4	60.6
99	63.1	46.4	69.6

Manual Integrations
APPROVED

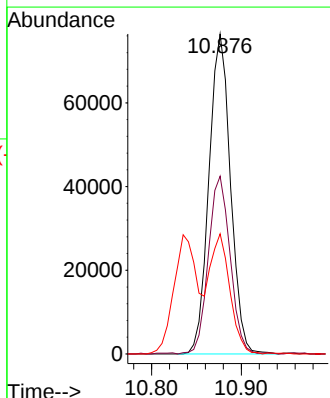
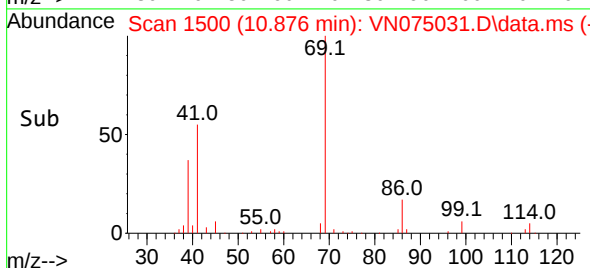
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

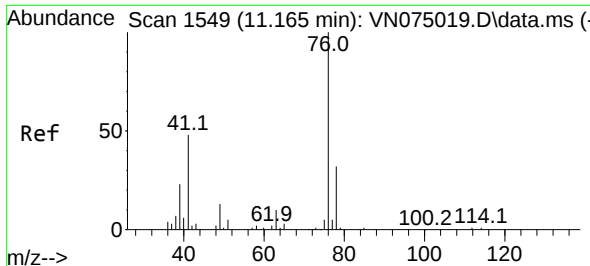


#56
Ethyl methacrylate
Concen: 55.003 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30



Tgt Ion	Ratio	Lower	Upper
69	100		
41	56.1	45.6	68.4
39	34.2	28.5	42.7





#57

1,3-Dichloropropane

Concen: 52.674 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN075031.D

Acq: 27 Oct 2022 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 133270

Ion Ratio Lower Upper

76 100

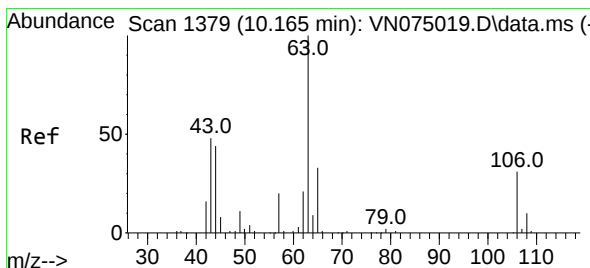
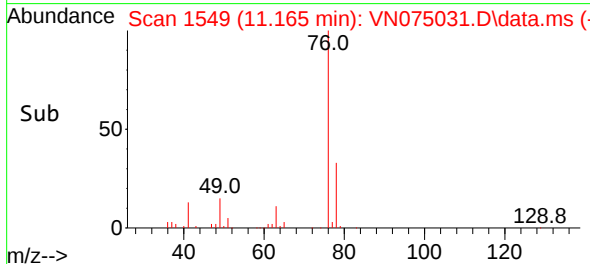
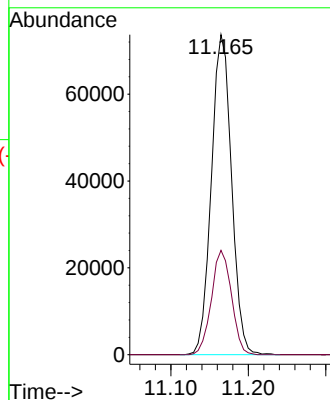
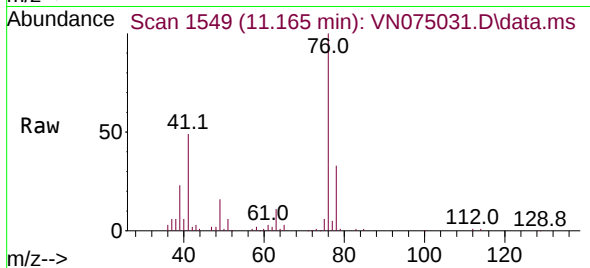
78 32.3 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#58

2-Chloroethyl Vinyl ether

Concen: 273.205 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN075031.D

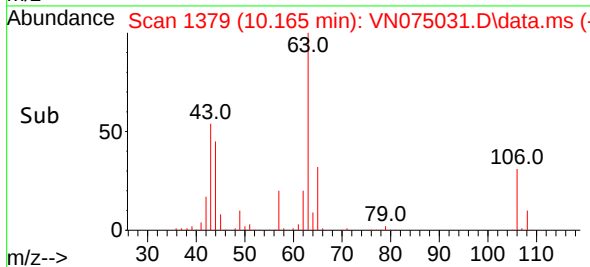
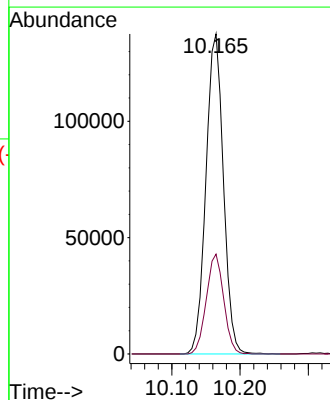
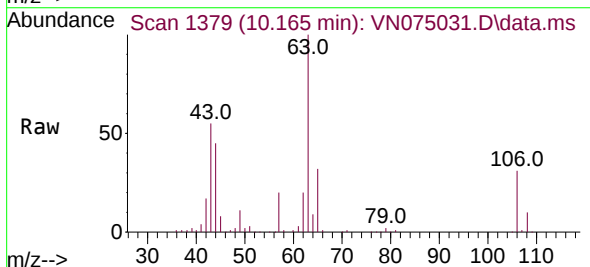
Acq: 27 Oct 2022 10:30

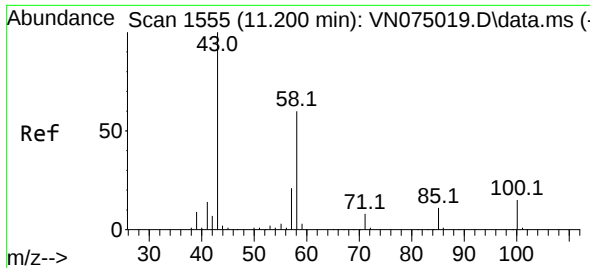
Tgt Ion: 63 Resp: 244780

Ion Ratio Lower Upper

63 100

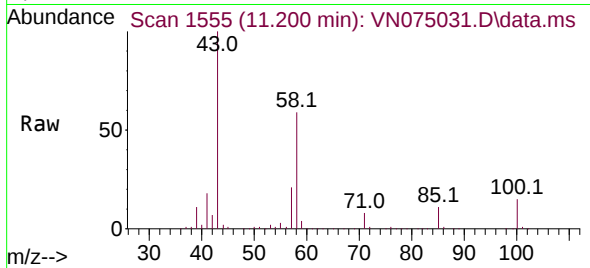
106 31.0 24.8 37.2





#59
2-Hexanone
Concen: 259.564 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

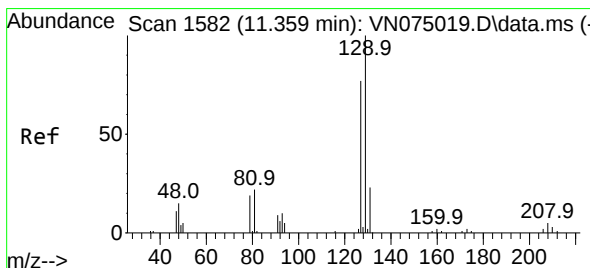
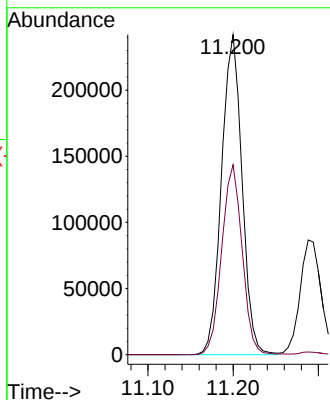
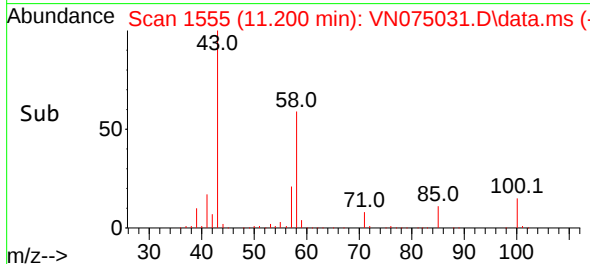
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



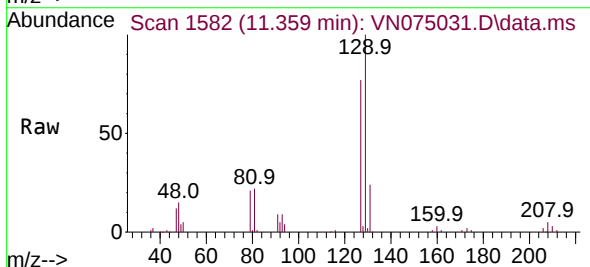
Tgt Ion: 43 Resp: 404849
Ion Ratio Lower Upper
43 100
58 59.1 29.6 88.8

Manual Integrations
APPROVED

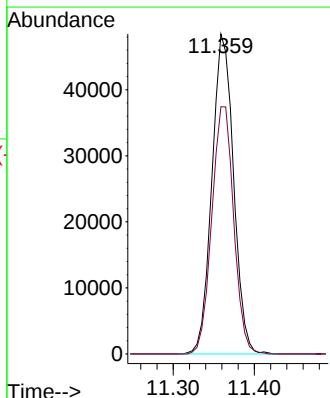
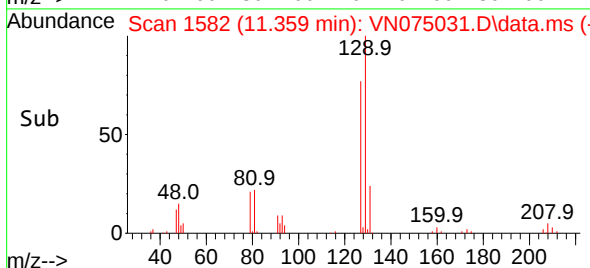
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

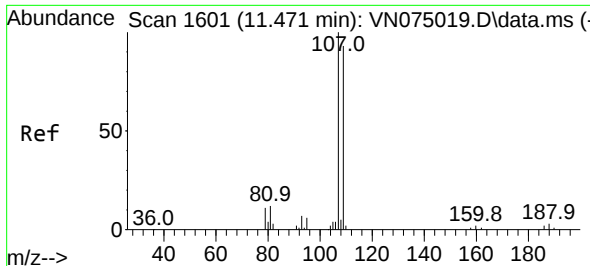


#60
Dibromochloromethane
Concen: 55.937 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30



Tgt Ion:129 Resp: 89665
Ion Ratio Lower Upper
129 100
127 78.3 38.6 115.8





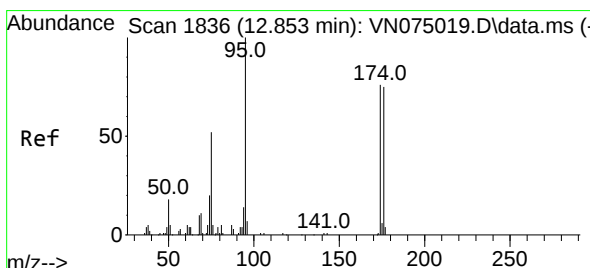
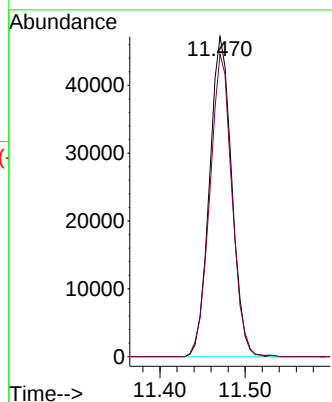
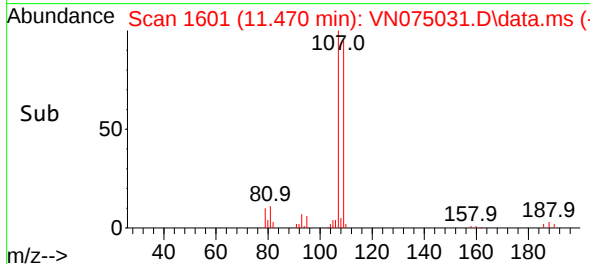
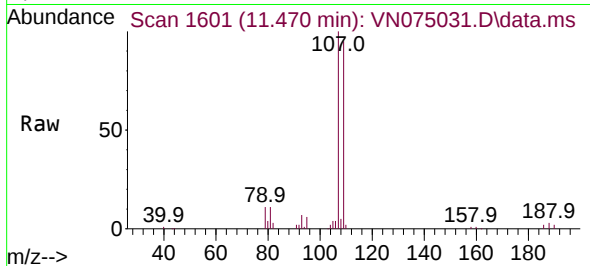
#61
1,2-Dibromoethane
Concen: 54.965 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.001 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 8558
Ion Ratio Lower Upper
107 100
109 94.1 75.6 113.4

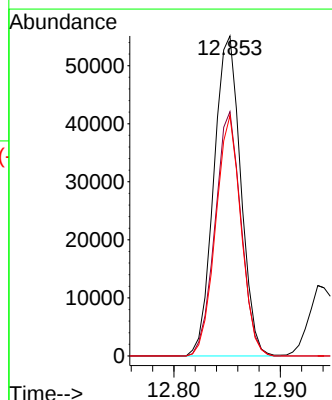
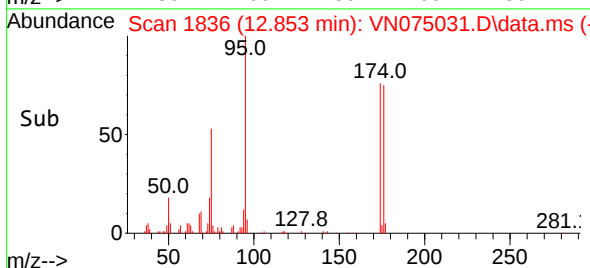
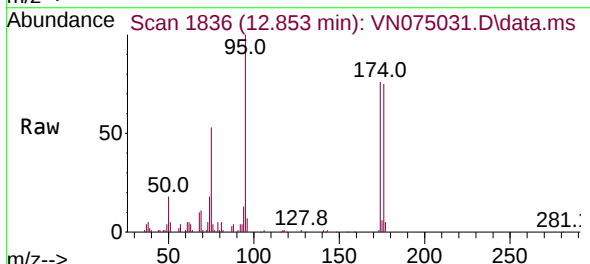
Manual Integrations
APPROVED

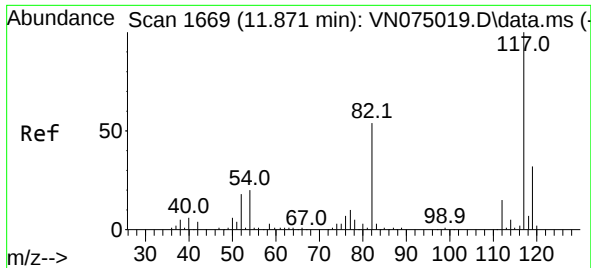
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#62
4-Bromofluorobenzene
Concen: 58.575 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

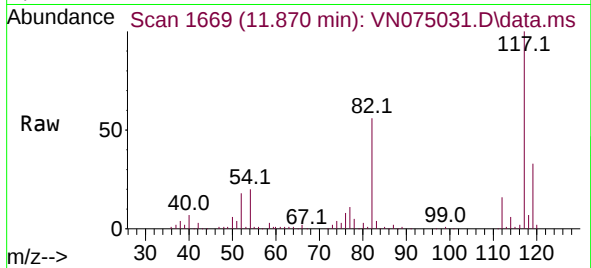
Tgt Ion: 95 Resp: 96534
Ion Ratio Lower Upper
95 100
174 73.7 0.0 147.4
176 70.7 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. -0.001 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

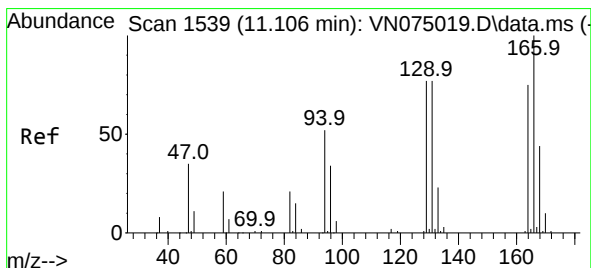
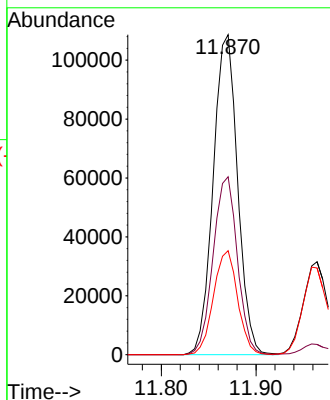
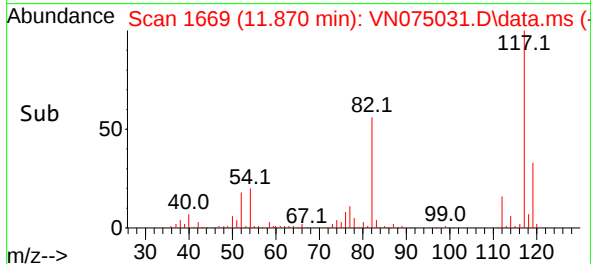
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 19477
Ion Ratio Lower Upper
117 100
82 55.6 43.1 64.7
119 32.5 25.5 38.3

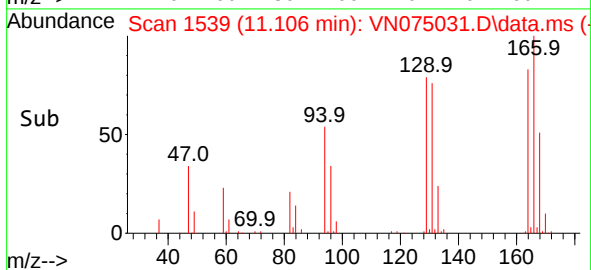
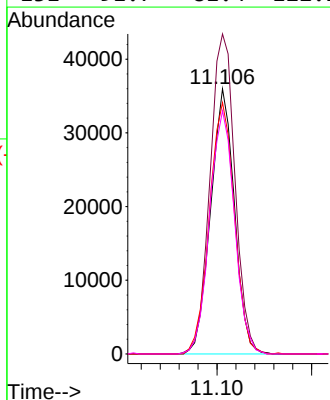
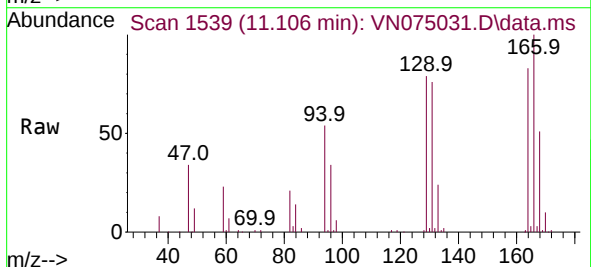
Manual Integrations
APPROVED

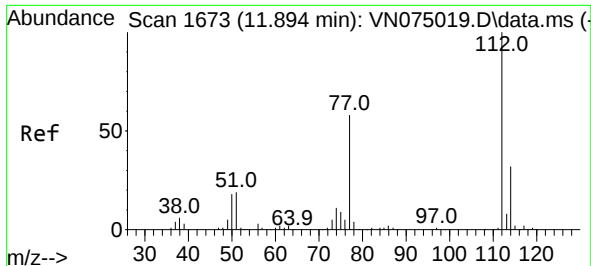
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#64
Tetrachloroethene
Concen: 52.436 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

Tgt Ion:164 Resp: 62615
Ion Ratio Lower Upper
164 100
166 120.7 106.5 159.7
129 94.8 81.9 122.9
131 91.7 81.4 122.2





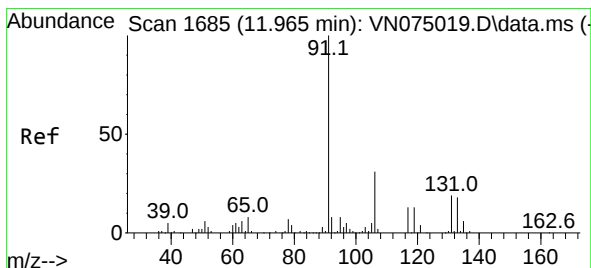
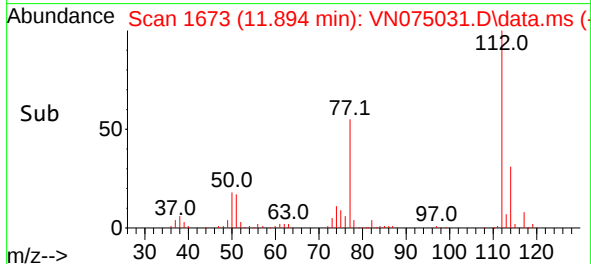
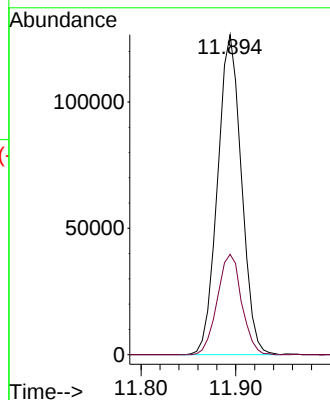
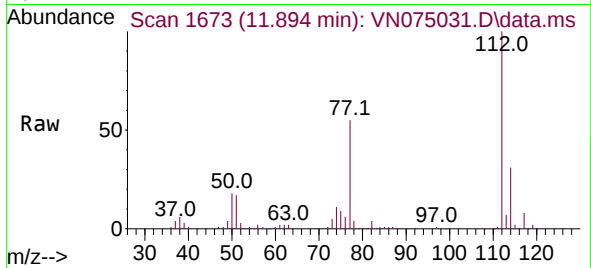
#65
Chlorobenzene
Concen: 53.383 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 22194
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2

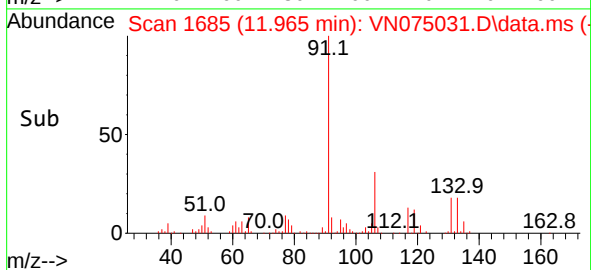
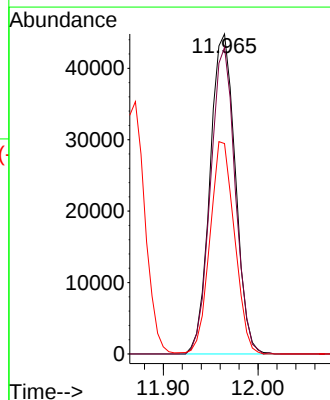
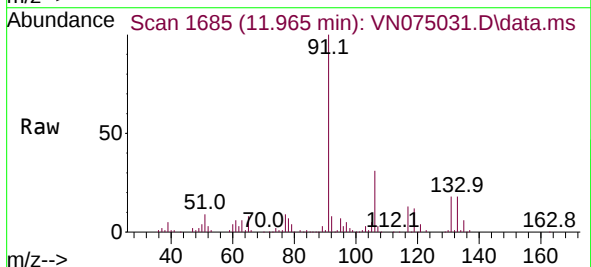
Manual Integrations
APPROVED

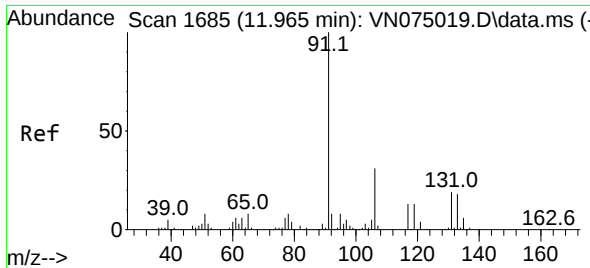
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 53.874 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

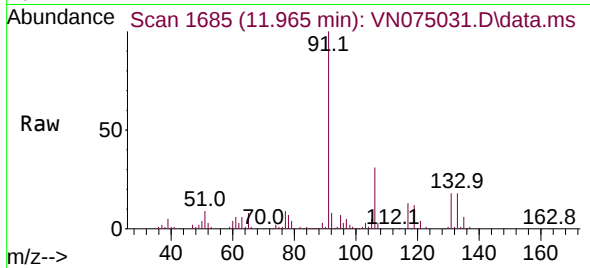
Tgt Ion:131 Resp: 83087
Ion Ratio Lower Upper
131 100
133 93.6 47.8 143.4
119 64.7 33.0 99.0





#67
Ethyl Benzene
Concen: 55.276 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

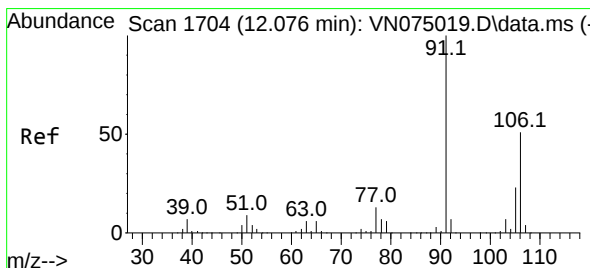
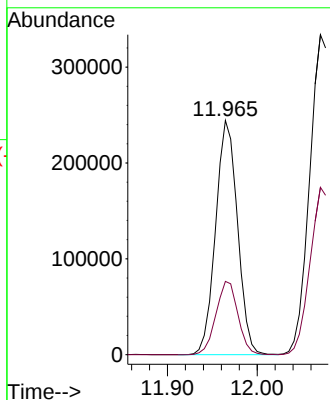
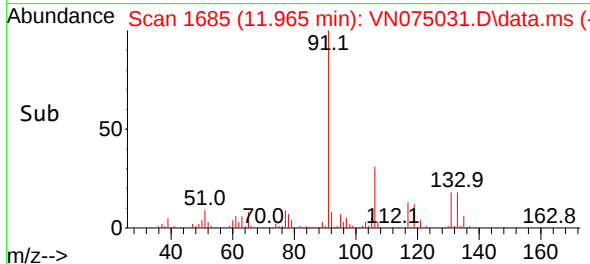
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



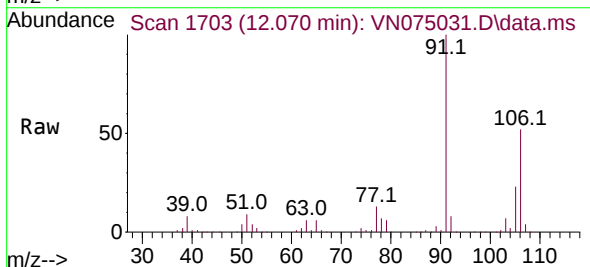
Tgt Ion: 91 Resp: 413460
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3

Manual Integrations
APPROVED

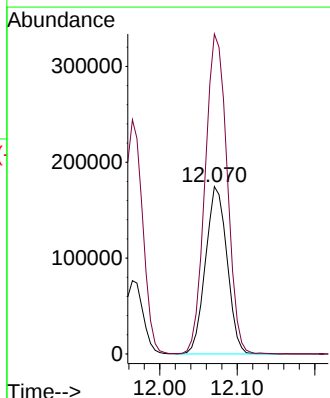
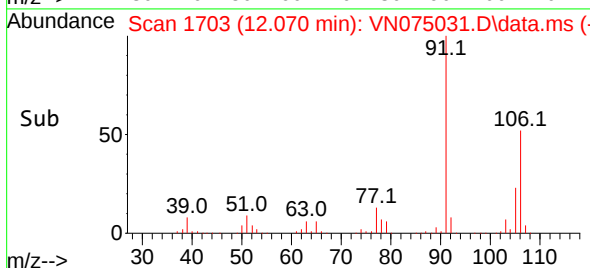
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

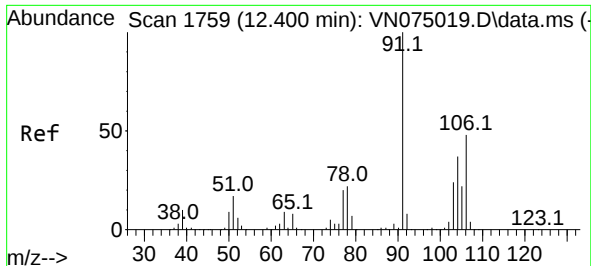


#68
m/p-Xylenes
Concen: 112.303 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30



Tgt Ion:106 Resp: 337056
Ion Ratio Lower Upper
106 100
91 195.0 156.0 234.0





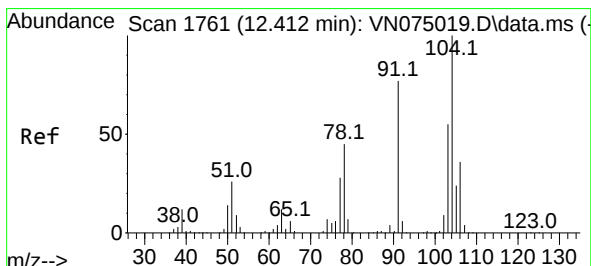
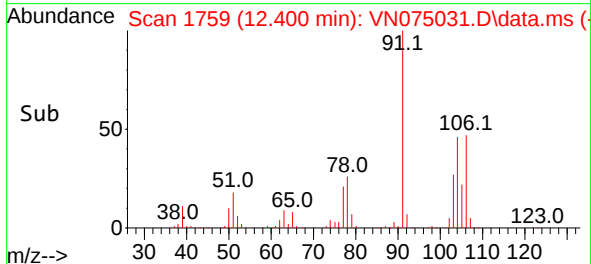
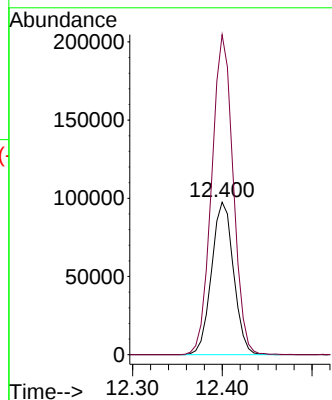
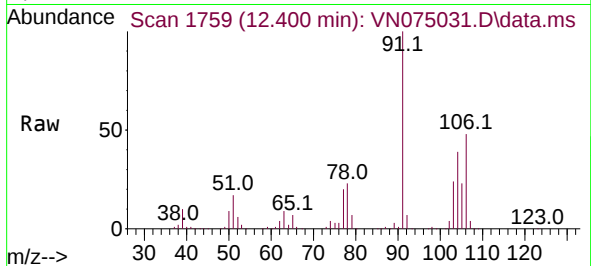
#69
o-Xylene
Concen: 55.912 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 16595
Ion Ratio Lower Upper
106 100
91 205.6 105.2 315.5

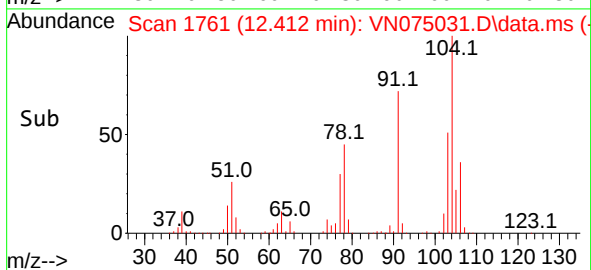
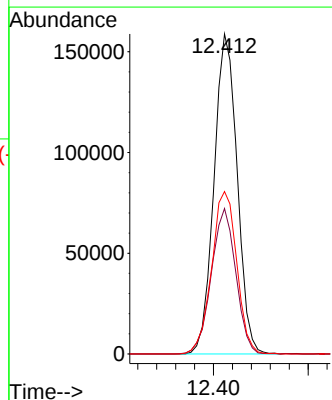
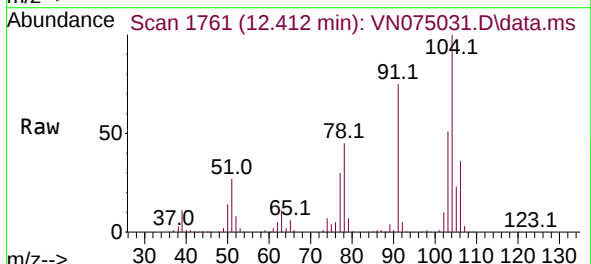
Manual Integrations
APPROVED

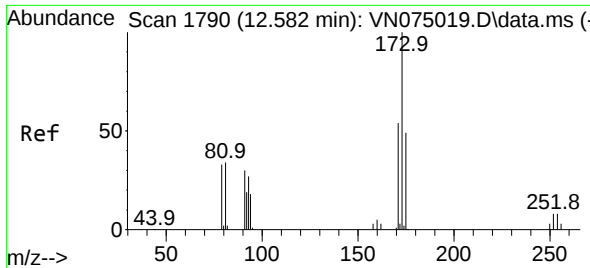
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#70
Styrene
Concen: 57.060 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

Tgt Ion:104 Resp: 270044
Ion Ratio Lower Upper
104 100
78 48.1 38.1 57.1
103 55.0 44.6 66.8





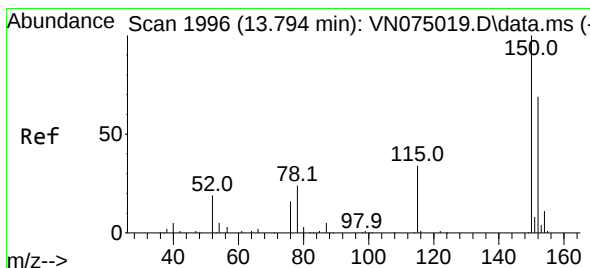
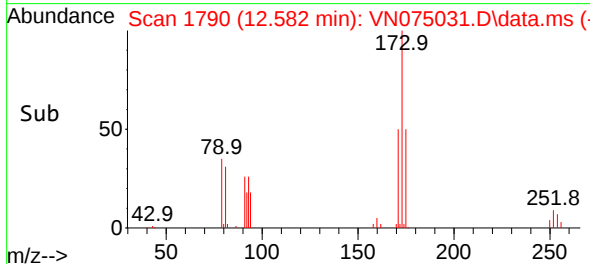
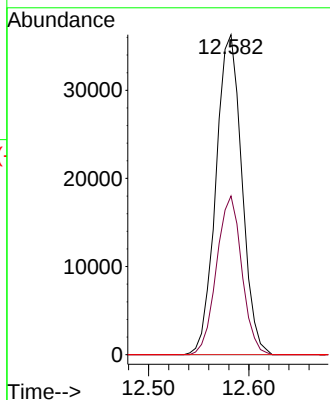
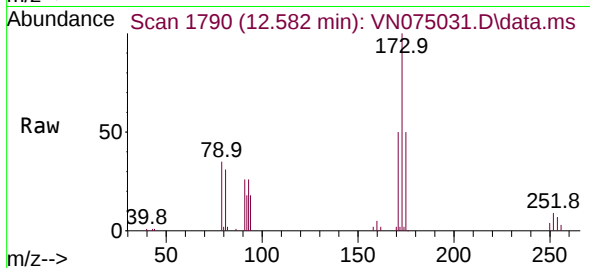
#71
Bromoform
Concen: 56.557 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 65309
Ion Ratio Lower Upper
173 100
175 48.2 24.6 74.0
254 0.0 0.0 0.0

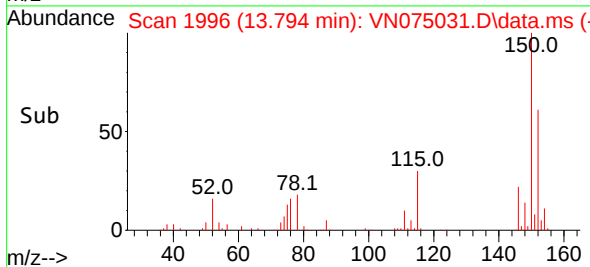
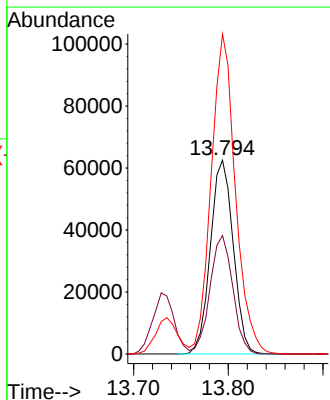
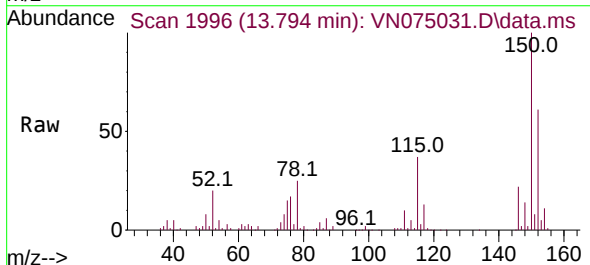
Manual Integrations
APPROVED

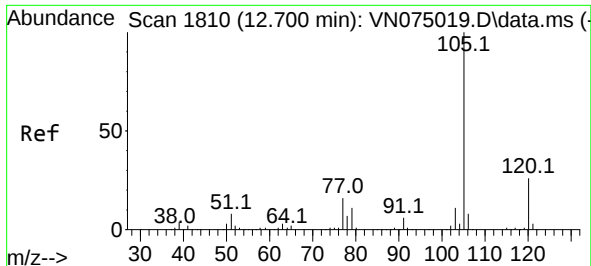
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

Tgt Ion:152 Resp: 105064
Ion Ratio Lower Upper
152 100
115 60.9 30.2 90.6
150 174.7 0.0 348.4





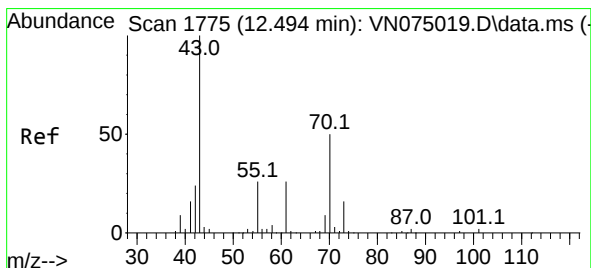
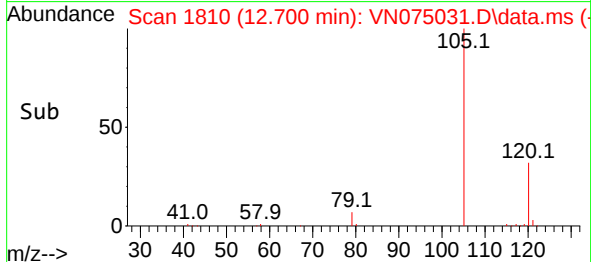
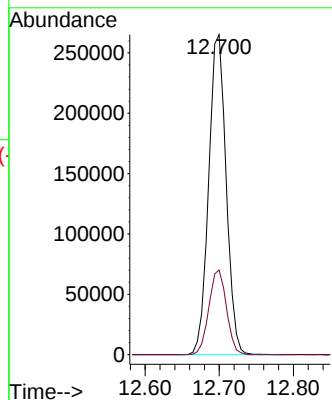
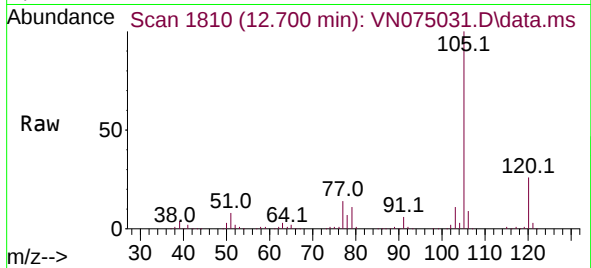
#73
Isopropylbenzene
Concen: 51.426 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 43376
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.1

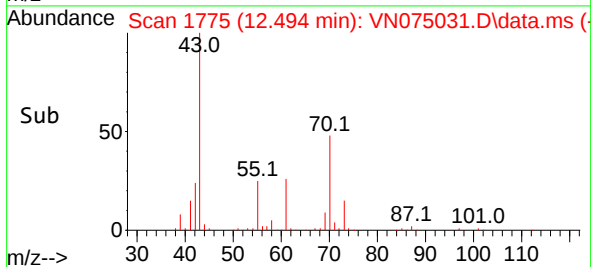
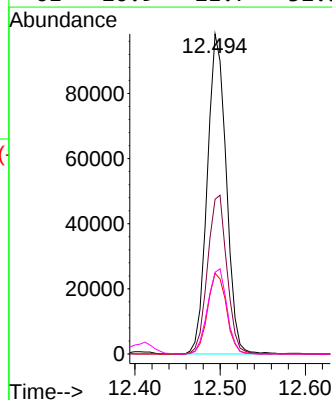
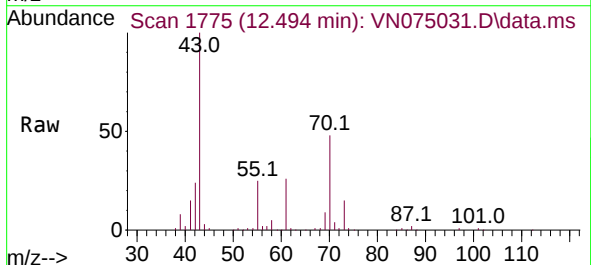
Manual Integrations
APPROVED

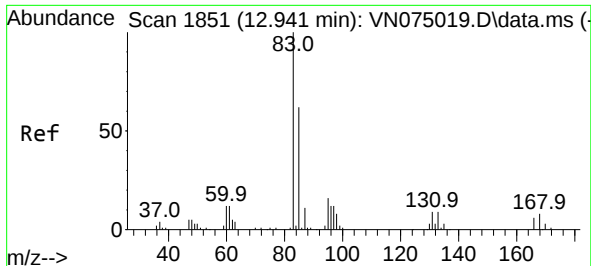
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#74
N-ethyl acetate
Concen: 48.710 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

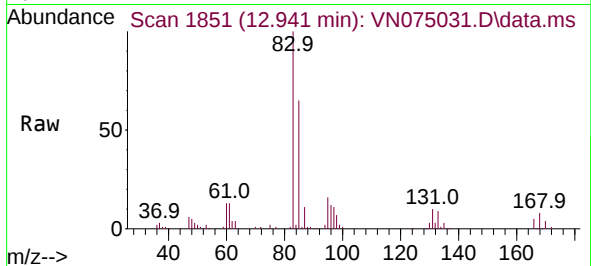
Tgt Ion: 43 Resp: 151956
Ion Ratio Lower Upper
43 100
70 50.6 39.8 59.8
55 25.1 19.9 29.9
61 26.9 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 52.710 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

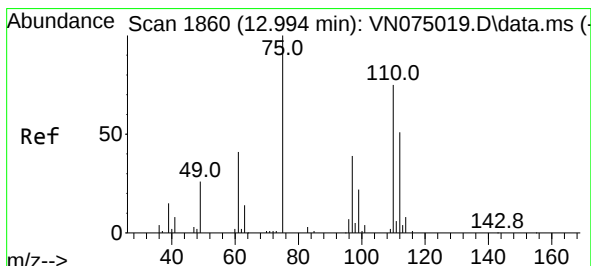
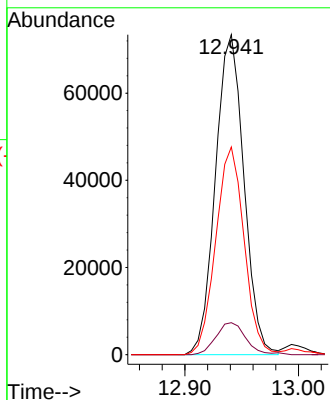
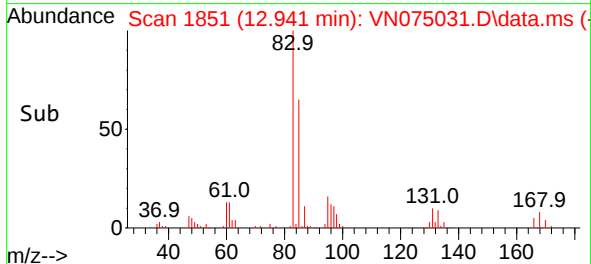
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 127997
Ion Ratio Lower Upper
83 100
131 10.6 5.1 15.3
85 64.6 31.6 94.7

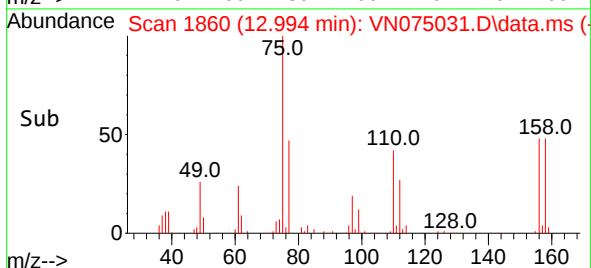
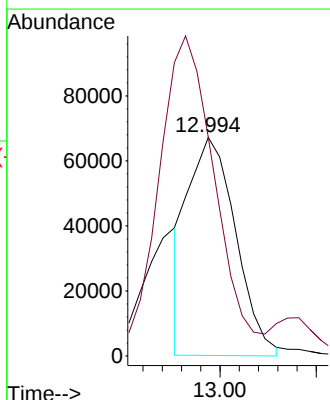
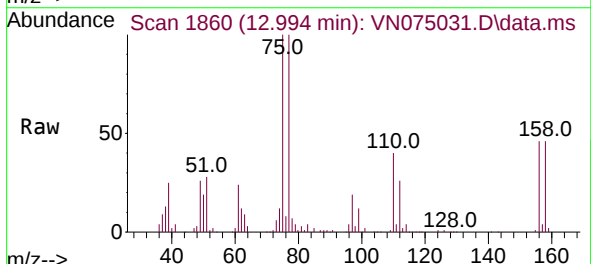
Manual Integrations
APPROVED

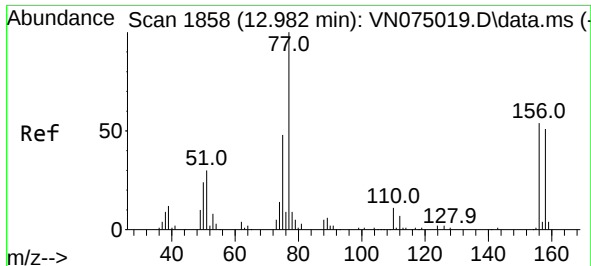
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#76
1,2,3-Trichloropropane
Concen: 52.095 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

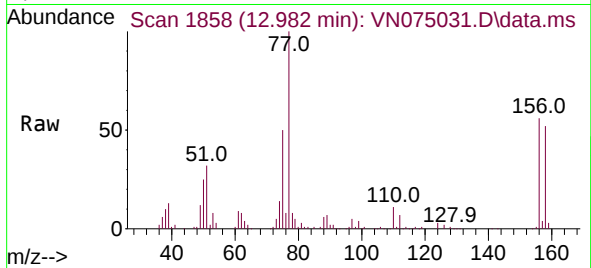
Tgt Ion: 75 Resp: 116213
Ion Ratio Lower Upper
75 100
77 172.7 75.6 226.8





#77
Bromobenzene
Concen: 49.128 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

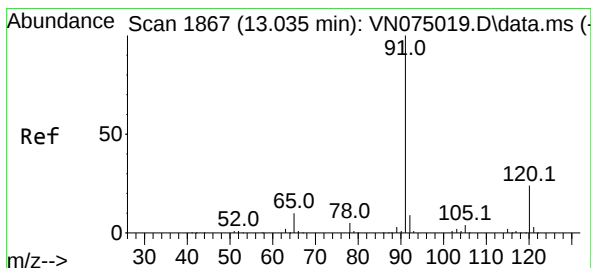
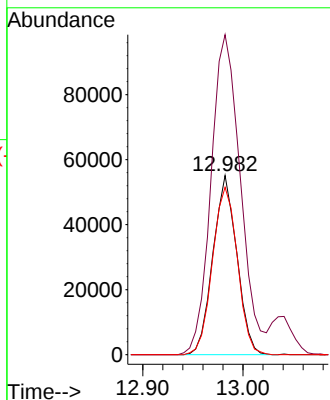
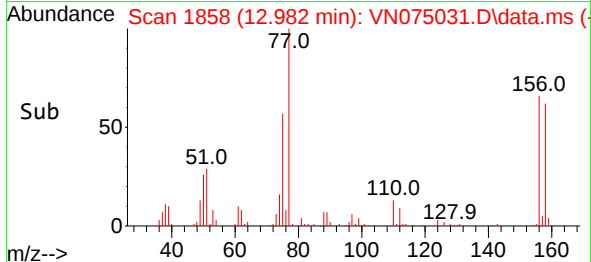
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



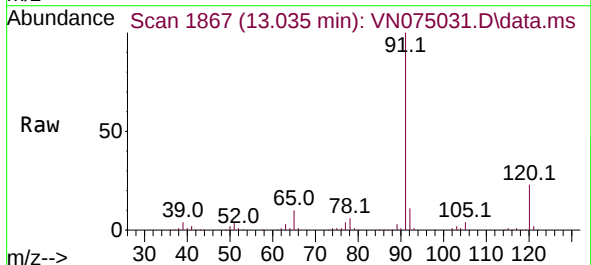
Tgt Ion:156 Resp: 9124
Ion Ratio Lower Upper
156 100
77 220.0 108.5 325.5
158 97.5 47.7 143.1

Manual Integrations
APPROVED

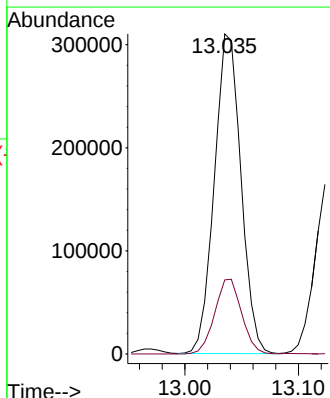
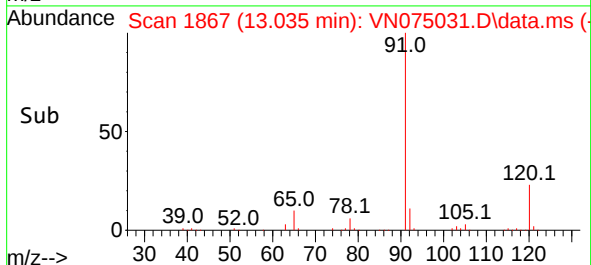
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

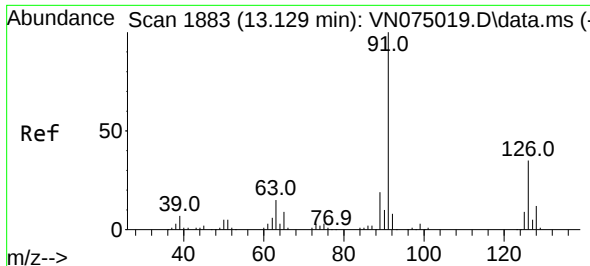


#78
n-propylbenzene
Concen: 53.352 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30



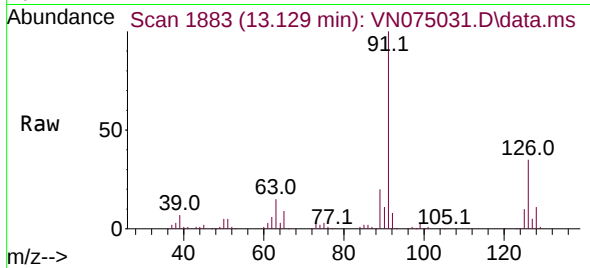
Tgt Ion: 91 Resp: 505237
Ion Ratio Lower Upper
91 100
120 23.6 11.9 35.5





#79
2-Chlorotoluene
Concen: 50.939 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

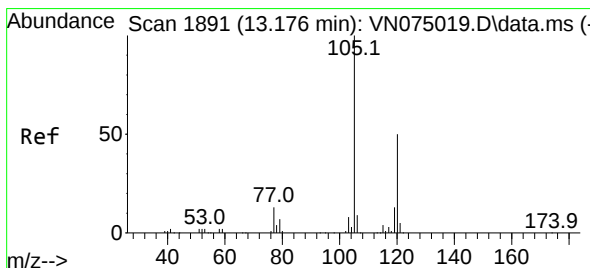
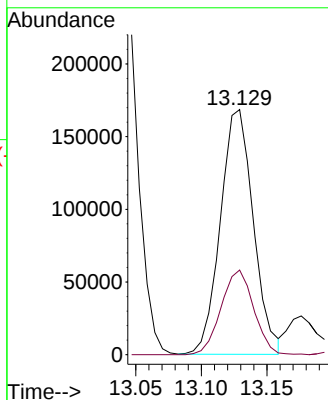
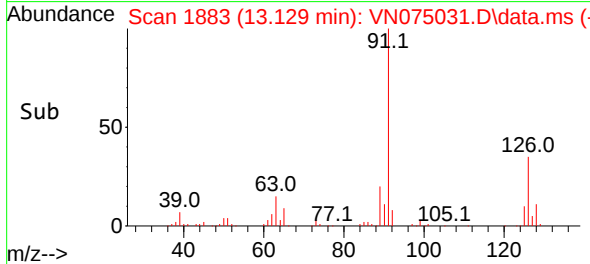
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



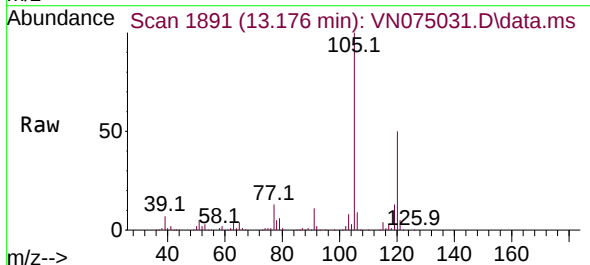
Tgt Ion: 91 Resp: 294770
Ion Ratio Lower Upper
91 100
126 34.1 16.9 50.7

Manual Integrations
APPROVED

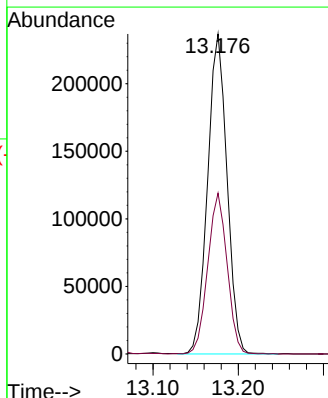
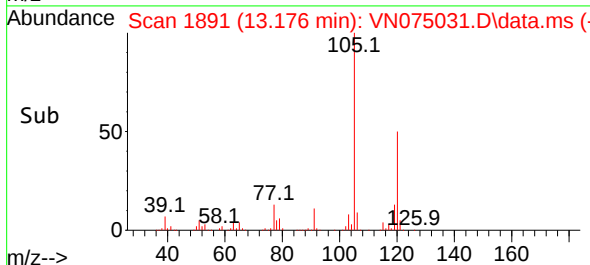
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

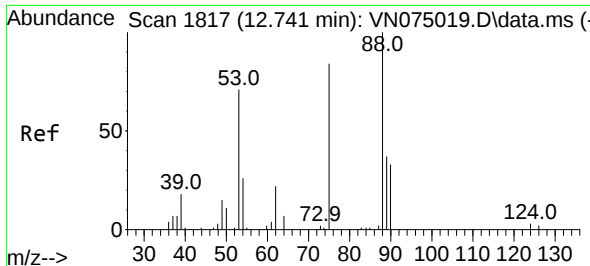


#80
1,3,5-Trimethylbenzene
Concen: 52.881 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30



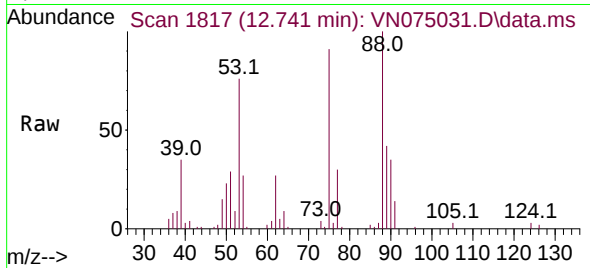
Tgt Ion:105 Resp: 374630
Ion Ratio Lower Upper
105 100
120 50.2 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 55.601 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

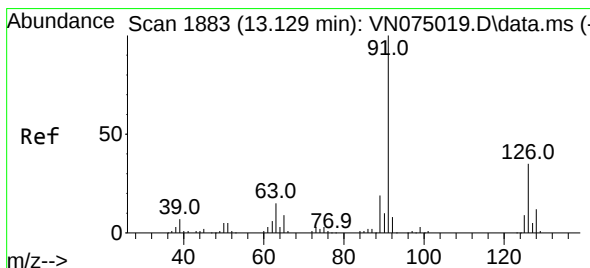
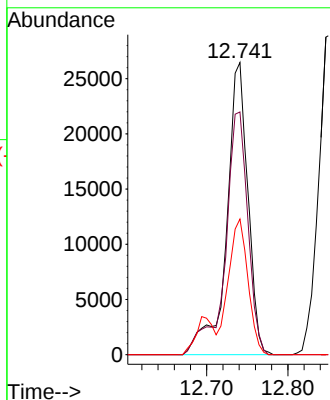
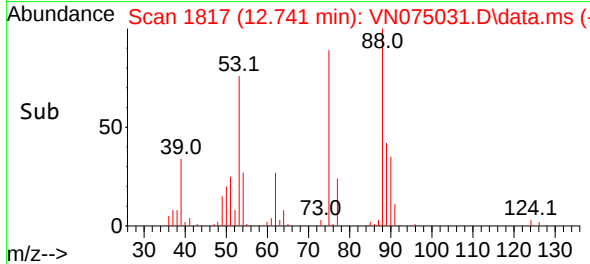
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 48319
Ion Ratio Lower Upper
75 100
53 87.9 78.5 117.7
89 42.6 37.7 56.5

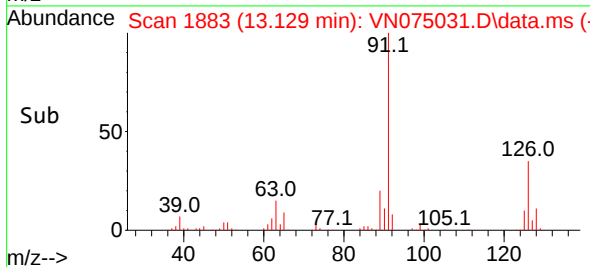
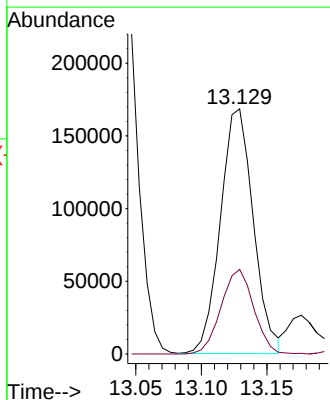
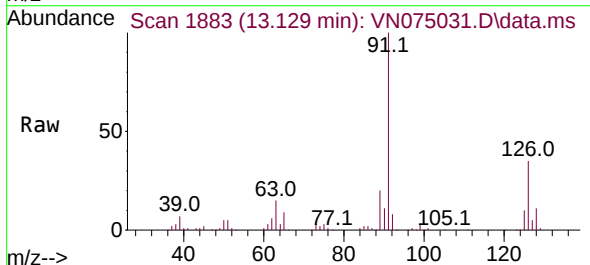
Manual Integrations
APPROVED

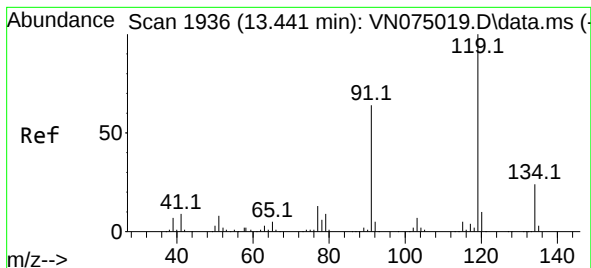
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#82
4-Chlorotoluene
Concen: 50.939 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

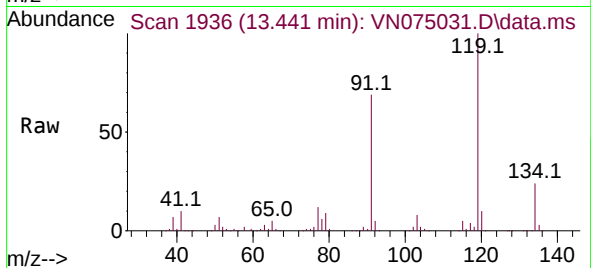
Tgt Ion: 91 Resp: 294776
Ion Ratio Lower Upper
91 100
126 34.1 16.9 50.7





#83
tert-Butylbenzene
Concen: 51.686 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

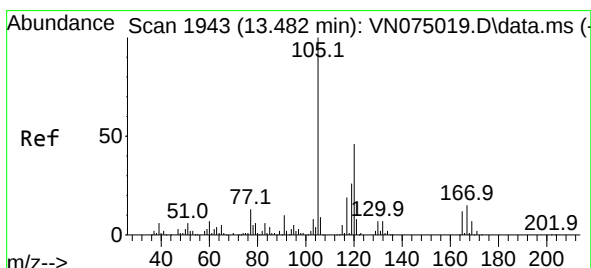
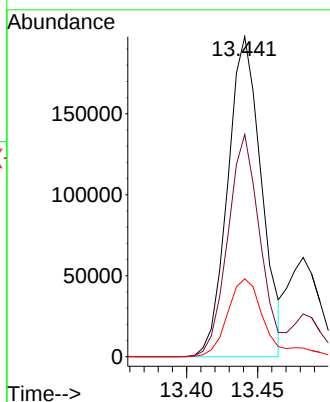
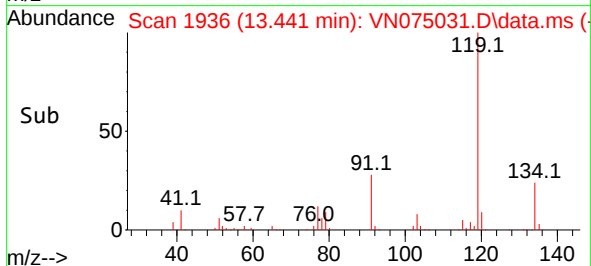
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



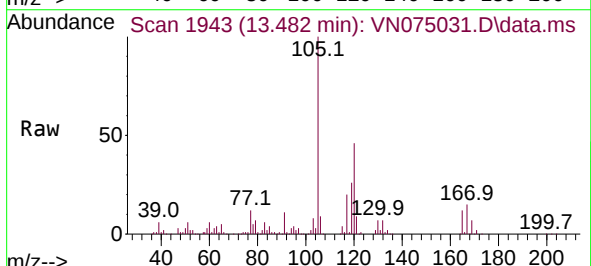
Tgt Ion:119 Resp: 325364
Ion Ratio Lower Upper
119 100
91 67.6 32.8 98.4
134 27.1 12.3 36.9

Manual Integrations
APPROVED

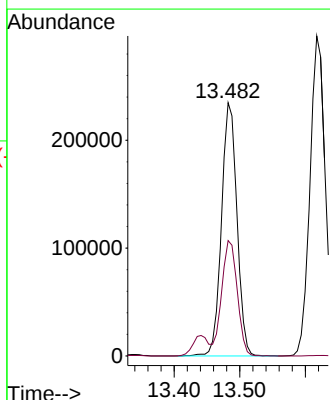
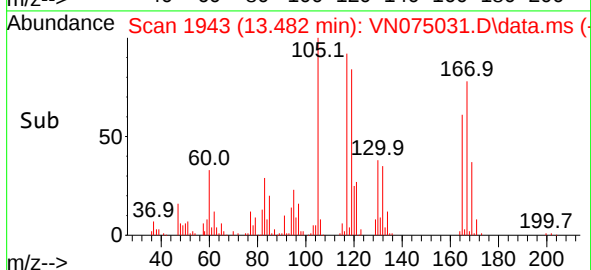
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

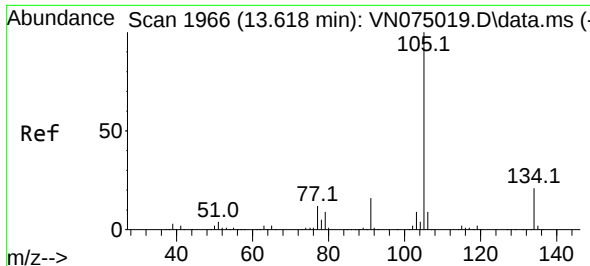


#84
1,2,4-Trimethylbenzene
Concen: 53.460 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30



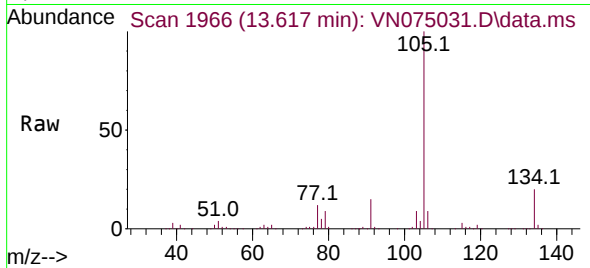
Tgt Ion:105 Resp: 383200
Ion Ratio Lower Upper
105 100
120 45.5 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 54.465 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075031.D
 Acq: 27 Oct 2022 10:30

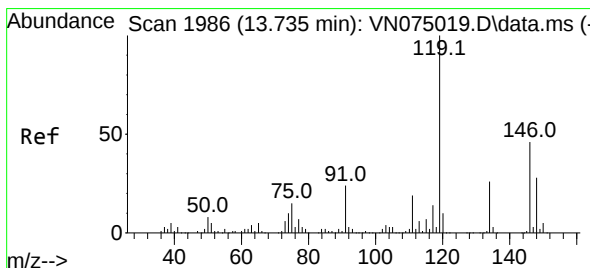
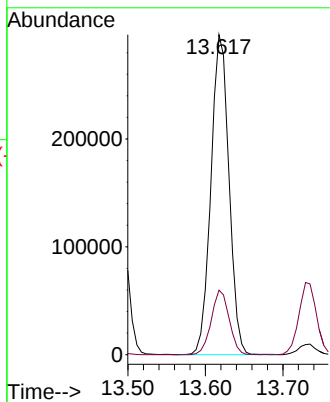
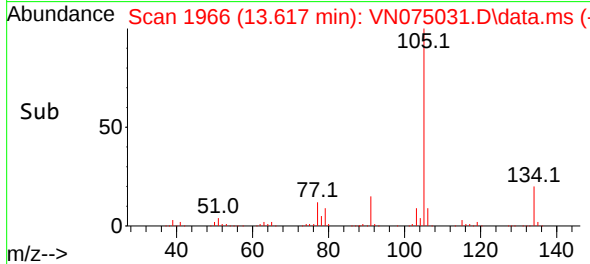
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



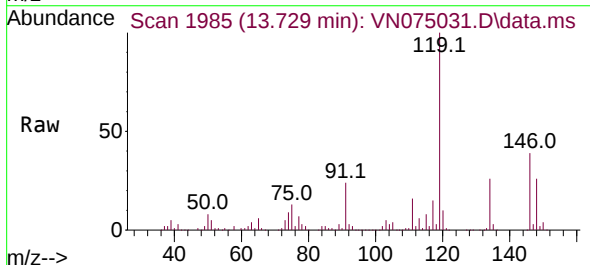
Tgt Ion:105 Resp: 479631
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.2 30.6

Manual Integrations
 APPROVED

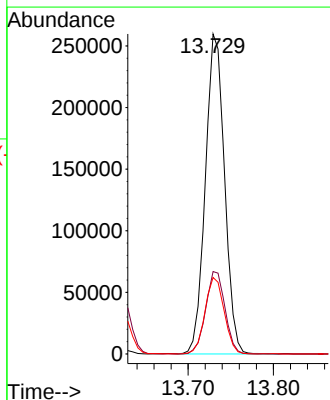
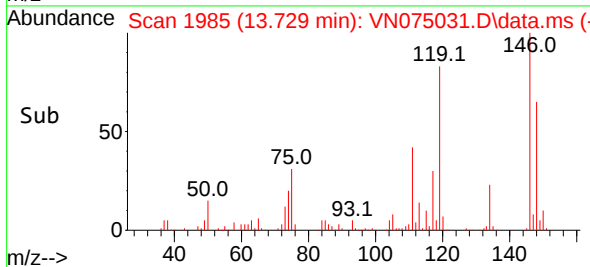
Reviewed By :John Carlone 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022

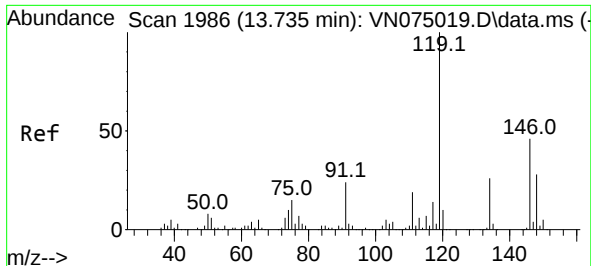


#86
 p-Isopropyltoluene
 Concen: 55.885 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075031.D
 Acq: 27 Oct 2022 10:30



Tgt Ion:119 Resp: 406441
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.3
 91 23.9 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 53.024 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075031.D

Acq: 27 Oct 2022 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 19281

Ion Ratio Lower Upper

146 100

111 41.1 20.8 62.5

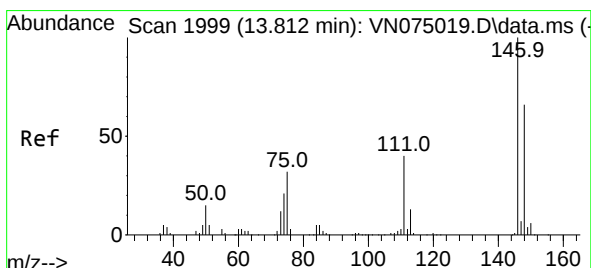
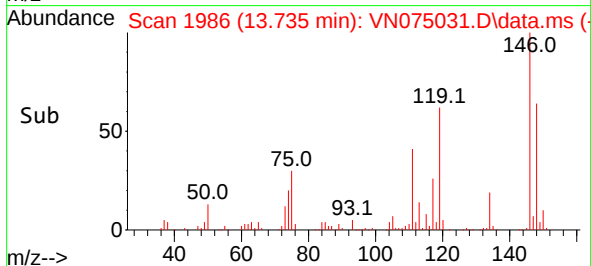
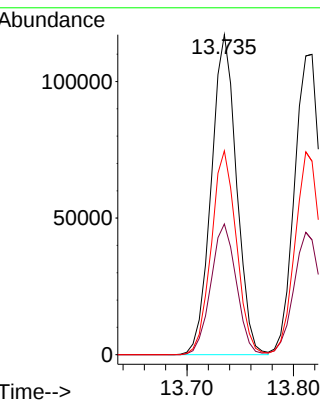
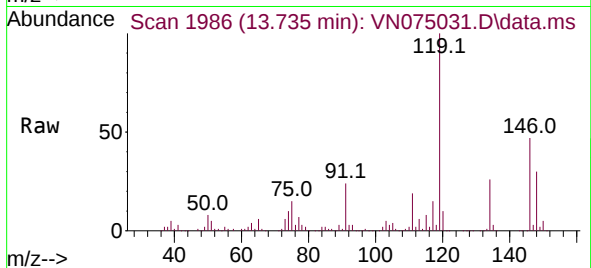
148 63.3 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#88

1,4-Dichlorobenzene

Concen: 52.889 ug/l

RT: 13.817 min Scan# 2000

Delta R.T. 0.005 min

Lab File: VN075031.D

Acq: 27 Oct 2022 10:30

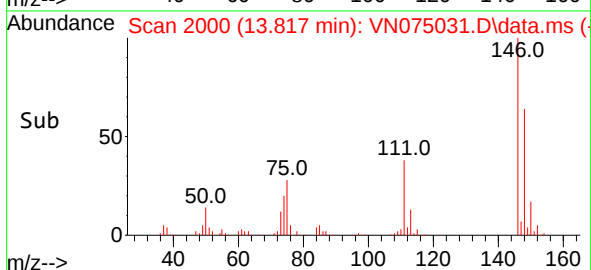
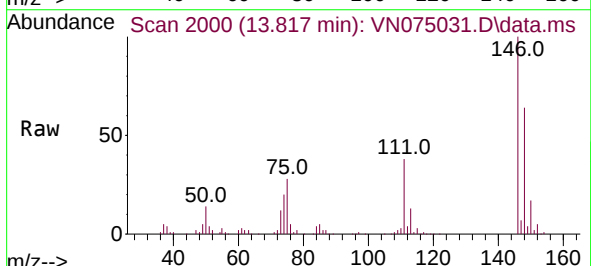
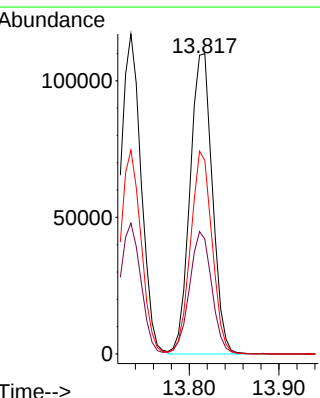
Tgt Ion:146 Resp: 190339

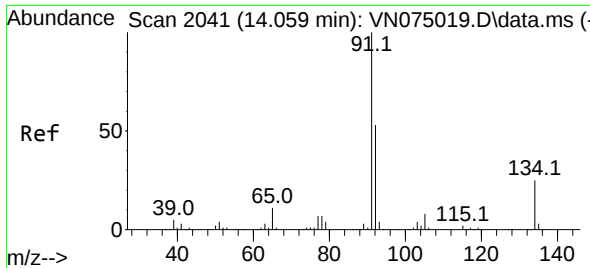
Ion Ratio Lower Upper

146 100

111 40.7 20.1 60.3

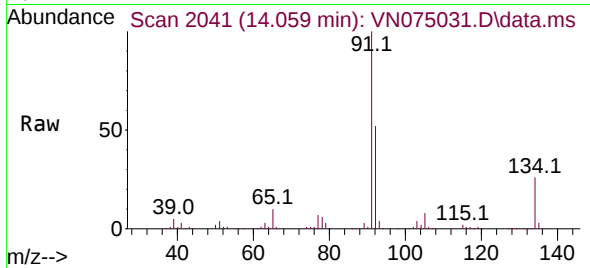
148 65.0 31.9 95.7





#89
n-Butylbenzene
Concen: 57.619 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

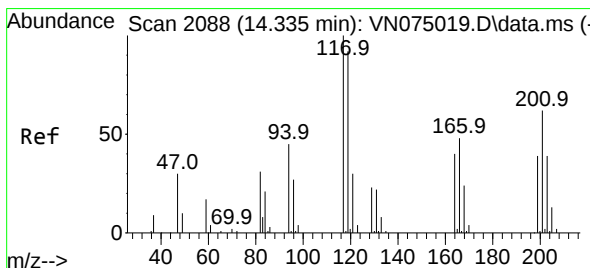
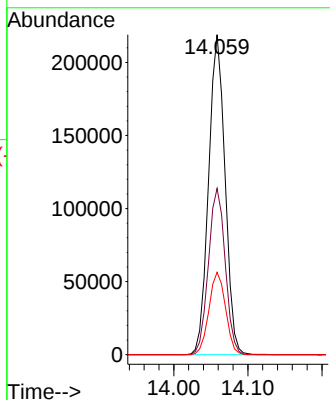
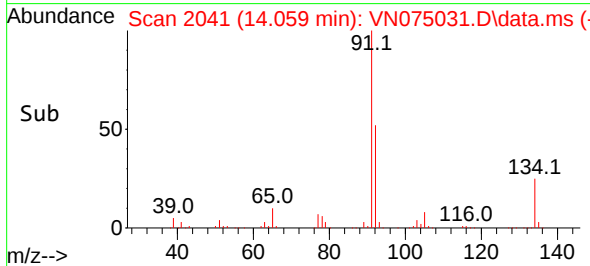
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 337450
Ion Ratio Lower Upper
91 100
92 53.0 26.5 79.4
134 26.0 13.0 39.0

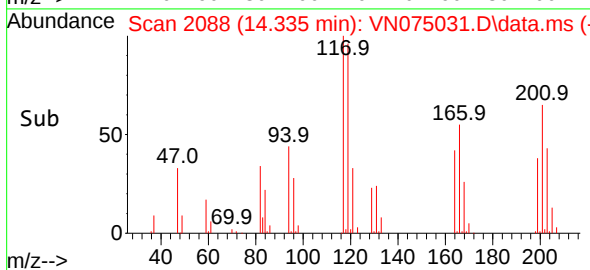
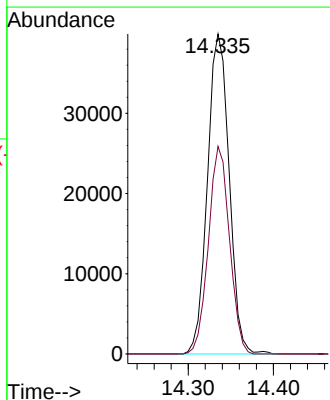
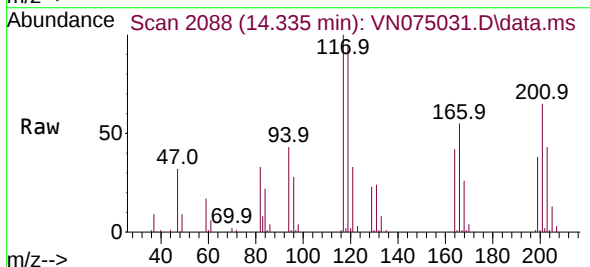
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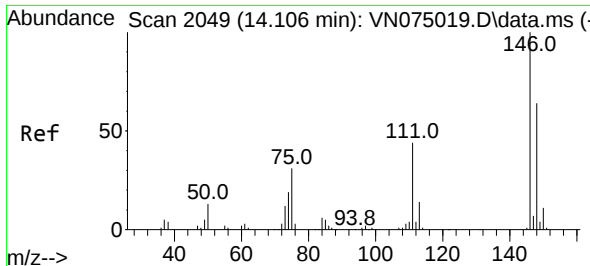
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#90
Hexachloroethane
Concen: 52.908 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

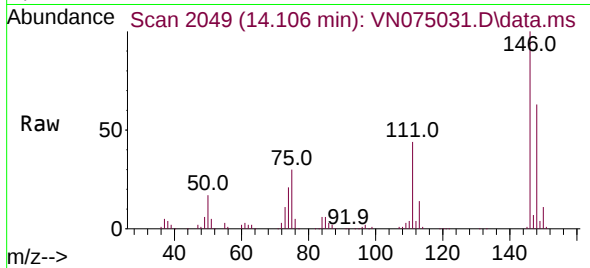
Tgt Ion:117 Resp: 70550
Ion Ratio Lower Upper
117 100
201 63.0 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 51.270 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

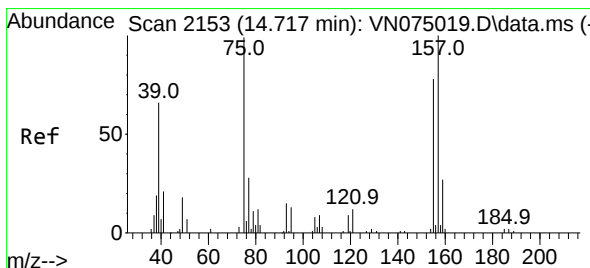
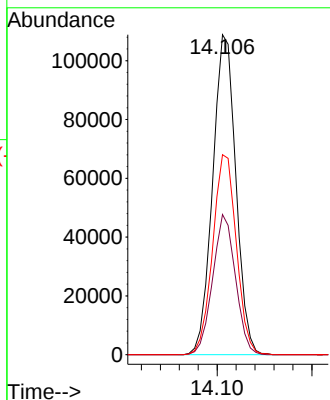
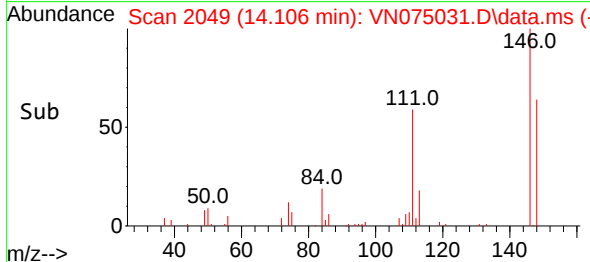
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



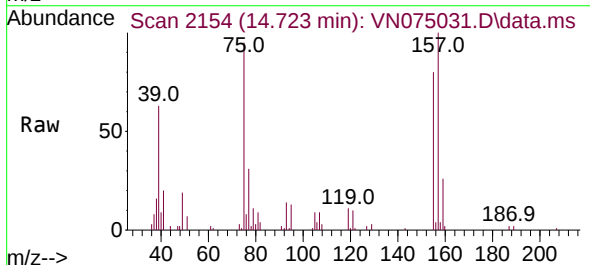
Tgt Ion:146 Resp: 185344
Ion Ratio Lower Upper
146 100
111 43.0 21.3 63.9
148 63.7 31.4 94.2

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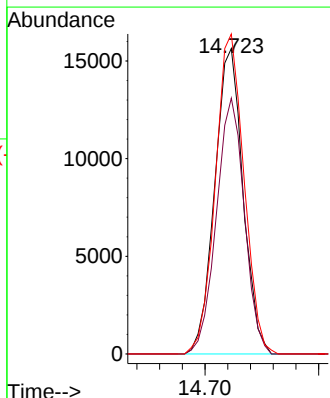
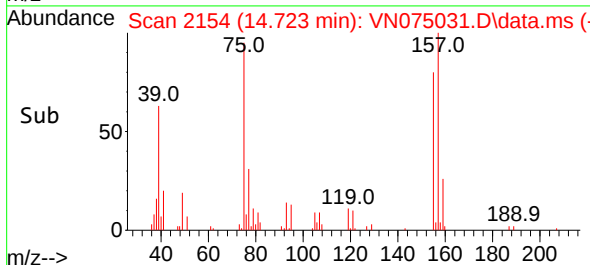
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

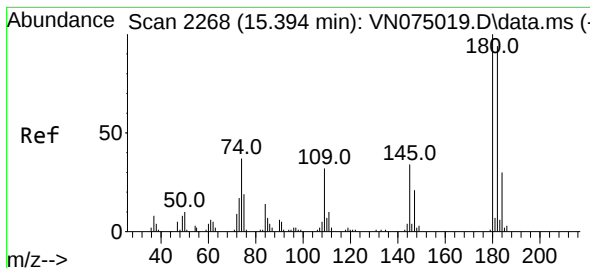


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.491 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30



Tgt Ion: 75 Resp: 27020
Ion Ratio Lower Upper
75 100
155 82.8 42.1 126.3
157 106.0 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 55.457 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN075031.D

Acq: 27 Oct 2022 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 86270

Ion Ratio Lower Upper

180 100

182 92.2 47.8 143.4

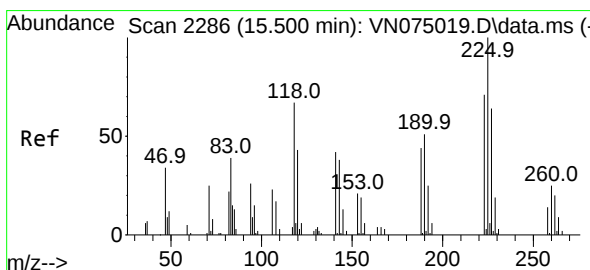
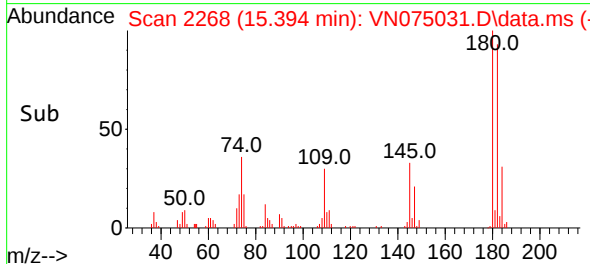
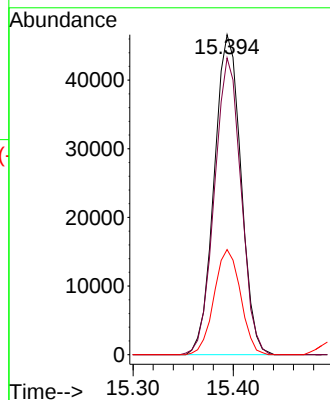
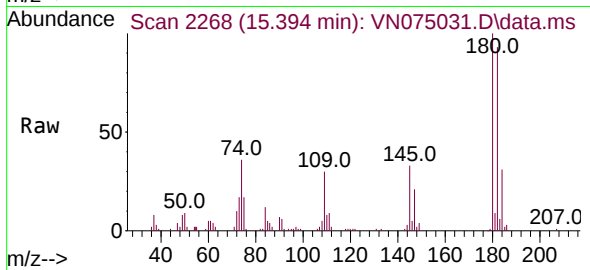
145 32.5 16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#94

Hexachlorobutadiene

Concen: 51.839 ug/l

RT: 15.500 min Scan# 2286

Delta R.T. -0.000 min

Lab File: VN075031.D

Acq: 27 Oct 2022 10:30

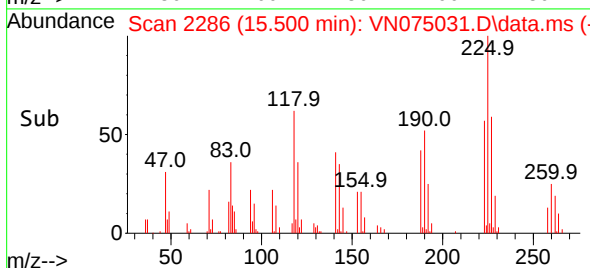
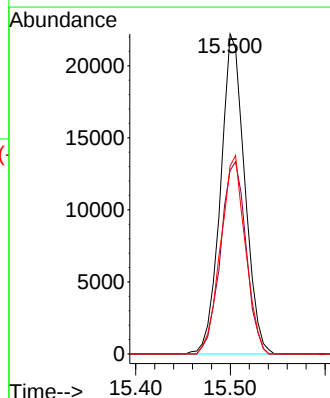
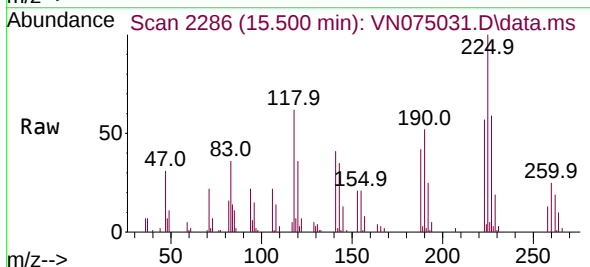
Tgt Ion:225 Resp: 39313

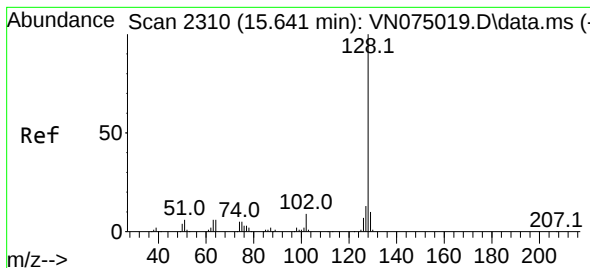
Ion Ratio Lower Upper

225 100

223 63.2 32.3 96.9

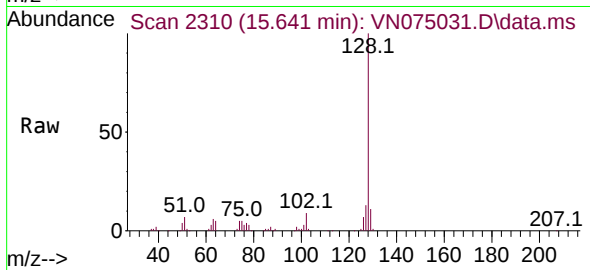
227 63.5 32.0 96.2





#95
Naphthalene
Concen: 52.003 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30

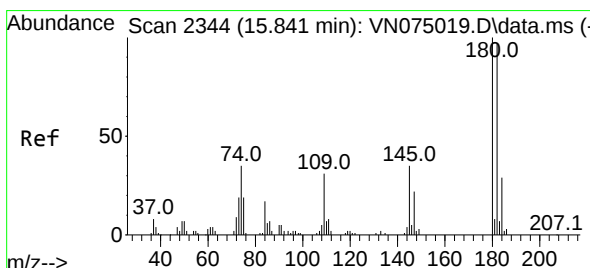
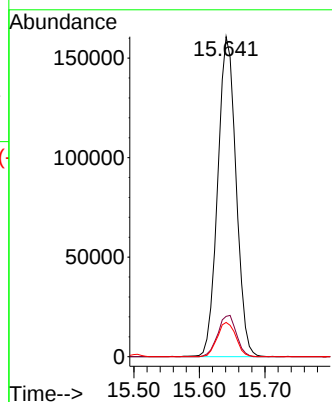
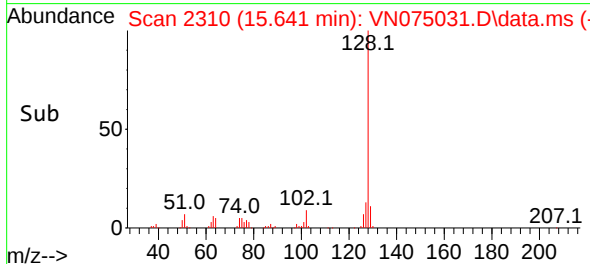
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



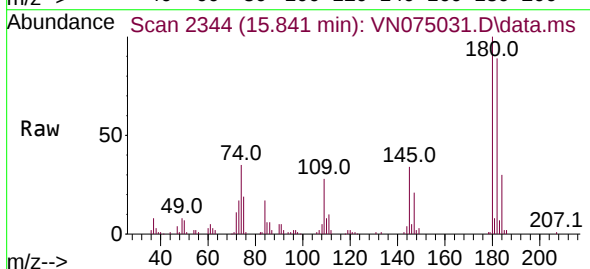
Tgt Ion:128 Resp: 311090
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#96
1,2,3-Trichlorobenzene
Concen: 53.314 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075031.D
Acq: 27 Oct 2022 10:30



Tgt Ion:180 Resp: 82407
Ion Ratio Lower Upper
180 100
182 93.2 47.3 141.8
145 34.7 17.6 52.9

