

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110722\
 Data File : VN075199.D
 Acq On : 07 Nov 2022 19:47
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/08/2022
 Supervised By : Mahesh Dadoda 11/08/2022

Quant Time: Nov 08 01:14:00 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	8.230	168	110651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	205904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	189473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100290	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	74480	49.957	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.920%		
35) Dibromofluoromethane	8.171	113	63212	52.295	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.580%		
50) Toluene-d8	10.571	98	237298	50.600	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.200%		
62) 4-Bromofluorobenzene	12.847	95	88288	53.593	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	59338	41.223	ug/l	100
3) Chloromethane	2.371	50	59974	39.226	ug/l	99
4) Vinyl Chloride	2.524	62	86711	39.754	ug/l	94
5) Bromomethane	2.912	94	59550	36.863	ug/l	94
6) Chloroethane	3.077	64	65838	42.094	ug/l	98
7) Trichlorofluoromethane	3.483	101	106469	47.783	ug/l	96
8) Diethyl Ether	3.971	74	38702	47.621	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	59457	48.319	ug/l	98
10) Methyl Iodide	4.589	142	84771	46.275	ug/l	99
11) Tert butyl alcohol	5.553	59	77957	224.220	ug/l	100
12) 1,1-Dichloroethene	4.342	96	54451	46.423	ug/l	99
13) Acrolein	4.189	56	61367	215.789	ug/l	99
14) Allyl chloride	5.030	41	79062	46.152	ug/l	96
15) Acrylonitrile	5.730	53	180240	245.408	ug/l	99
16) Acetone	4.442	43	148468	235.185	ug/l	100
17) Carbon Disulfide	4.712	76	120949	41.005	ug/l	99
18) Methyl Acetate	5.030	43	109513	53.109	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	213326	48.934	ug/l	95
20) Methylene Chloride	5.283	84	65858	46.790	ug/l	95
21) trans-1,2-Dichloroethene	5.795	96	59670	46.463	ug/l	95
22) Diisopropyl ether	6.683	45	182739	48.338	ug/l	97
23) Vinyl Acetate	6.612	43	756661m	239.686	ug/l	
24) 1,1-Dichloroethane	6.577	63	116236	48.615	ug/l	99
25) 2-Butanone	7.494	43	239606	241.309	ug/l	100
26) 2,2-Dichloropropane	7.489	77	93501	42.509	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	74970	48.883	ug/l	98
28) Bromochloromethane	7.818	49	49320	48.933	ug/l	95
29) Tetrahydrofuran	7.841	42	159027	247.849	ug/l	99
30) Chloroform	7.971	83	130092	50.113	ug/l	99
31) Cyclohexane	8.259	56	94258	42.509	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	117746	49.947	ug/l	98
36) 1,1-Dichloropropene	8.377	75	90023	48.105	ug/l	98
37) Ethyl Acetate	7.571	43	93755	45.683	ug/l	99
38) Carbon Tetrachloride	8.365	117	104473	50.751	ug/l	98
39) Methylcyclohexane	9.606	83	113315	45.867	ug/l	96
40) Benzene	8.612	78	281514	49.131	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	48844	49.676	ug/l	99
42) 1,2-Dichloroethane	8.677	62	99058	47.518	ug/l	98
43) Isopropyl Acetate	8.694	43	182332	57.276	ug/l	94
44) Trichloroethene	9.359	130	70085	48.753	ug/l	93
45) 1,2-Dichloropropane	9.624	63	70187	51.472	ug/l	97
46) Dibromomethane	9.712	93	51300	48.289	ug/l	98
47) Bromodichloromethane	9.894	83	102260	49.706	ug/l	95
48) Methyl methacrylate	9.682	41	69884	47.857	ug/l	96
49) 1,4-Dioxane	9.700	88	39240	1026.184	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	500438	243.611	ug/l	99
52) Toluene	10.635	92	191140	49.903	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	108128	49.794	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	112263	48.743	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	77505	51.033	ug/l	95
56) Ethyl methacrylate	10.877	69	117746	50.826	ug/l	97
57) 1,3-Dichloropropane	11.165	76	126806	50.137	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	212178	236.911	ug/l	99
59) 2-Hexanone	11.200	43	380607	244.119	ug/l	99
60) Dibromochloromethane	11.359	129	84631	52.818	ug/l	100
61) 1,2-Dibromoethane	11.471	107	80837	51.938	ug/l	98
64) Tetrachloroethene	11.106	164	57168	49.214	ug/l	97
65) Chlorobenzene	11.894	112	201936	49.930	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	78906	52.594	ug/l	98
67) Ethyl Benzene	11.965	91	363600	49.970	ug/l	97
68) m/p-Xylenes	12.071	106	293357	100.478	ug/l	99
69) o-Xylene	12.400	106	145586	50.422	ug/l	98
70) Styrene	12.412	104	238484	51.801	ug/l	100
71) Bromoform	12.582	173	60090	53.496	ug/l #	98
73) Isopropylbenzene	12.700	105	378740	47.040	ug/l	98
74) N-amyl acetate	12.494	43	137533	46.186	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	123995	53.552	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	93699m	44.002	ug/l	
77) Bromobenzene	12.982	156	86928	49.034	ug/l	96
78) n-propylbenzene	13.035	91	434416	48.057	ug/l	100
79) 2-Chlorotoluene	13.129	91	259481	46.974	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	327425	48.417	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	41744	50.322	ug/l	93
82) 4-Chlorotoluene	13.129	91	259481	46.974	ug/l	97
83) tert-Butylbenzene	13.441	119	292325	48.648	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	337268	49.292	ug/l	99
85) sec-Butylbenzene	13.618	105	414367	49.294	ug/l	100
86) p-Isopropyltoluene	13.729	119	351551	50.639	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	177649	51.179	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	174993	50.940	ug/l	99
89) n-Butylbenzene	14.059	91	282336	50.503	ug/l	99
90) Hexachloroethane	14.335	117	63340	49.762	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	176365	51.108	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	25815	47.533	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	82084	55.278	ug/l	100
94) Hexachlorobutadiene	15.506	225	37854	52.291	ug/l	98
95) Naphthalene	15.641	128	300041	52.542	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	82059	55.617	ug/l	98

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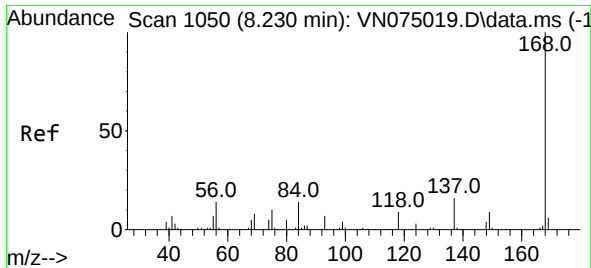
Manual Integrations
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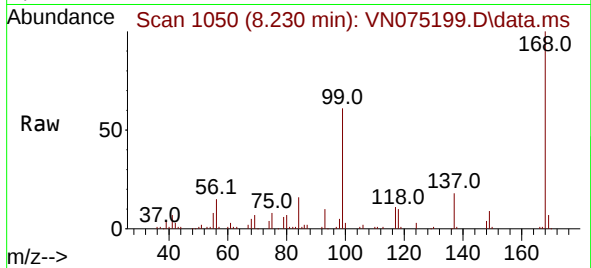
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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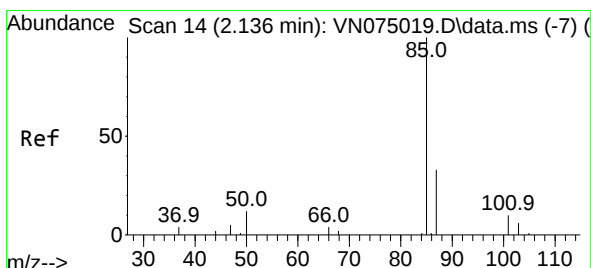
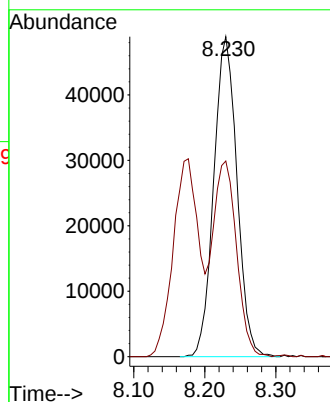
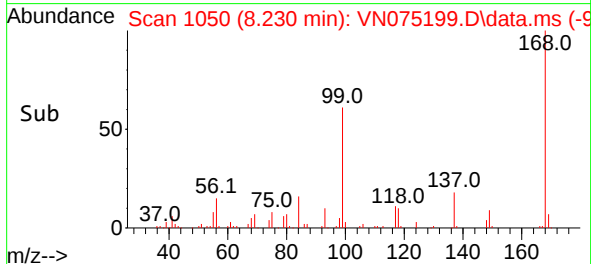
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ClientSampleId :
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Tgt Ion:168 Resp: 11065
Ion Ratio Lower Upper
168 100
99 60.8 51.6 77.4

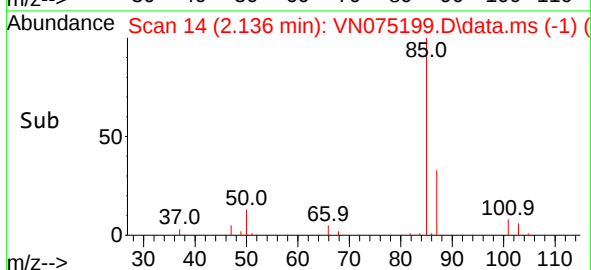
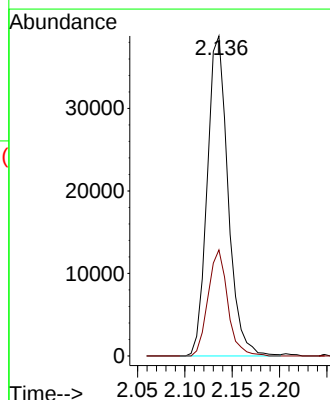
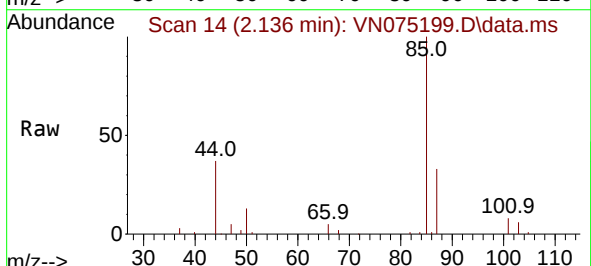
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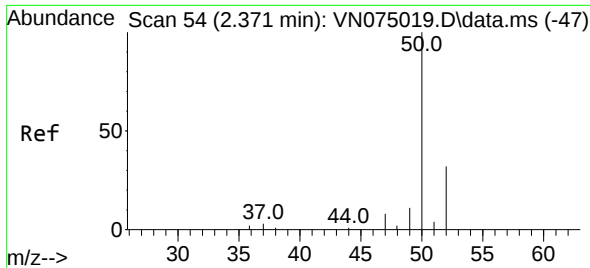
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#2
Dichlorodifluoromethane
Concen: 41.223 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

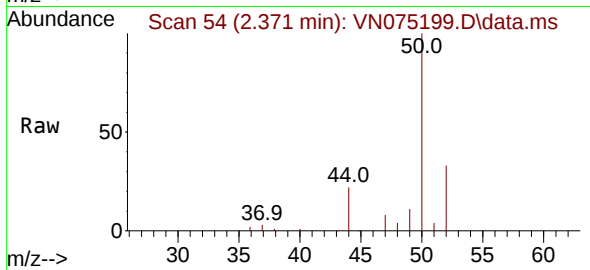
Tgt Ion: 85 Resp: 59338
Ion Ratio Lower Upper
85 100
87 33.1 16.7 50.0





#3
Chloromethane
Concen: 39.226 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

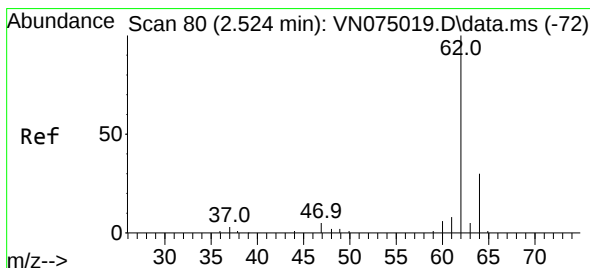
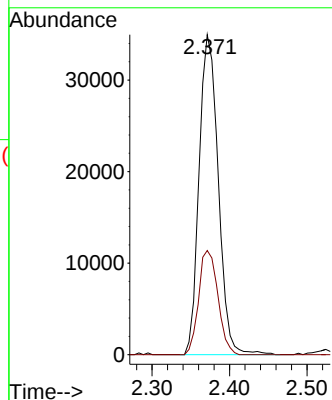
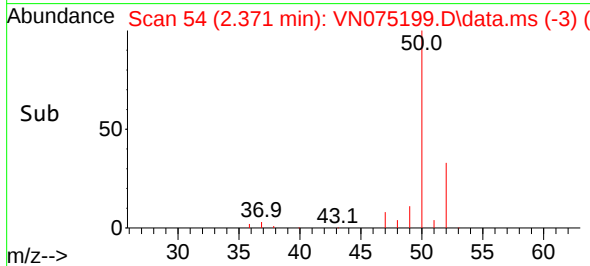
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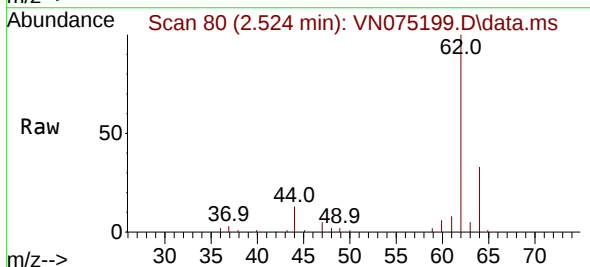
Tgt Ion: 50 Resp: 59974
Ion Ratio Lower Upper
50 100
52 32.6 25.8 38.6

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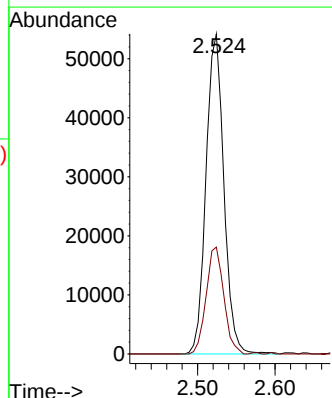
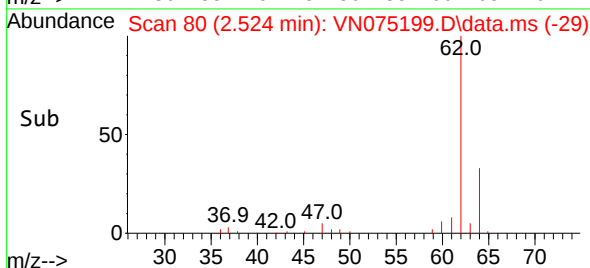
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#4
Vinyl Chloride
Concen: 39.754 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075199.D
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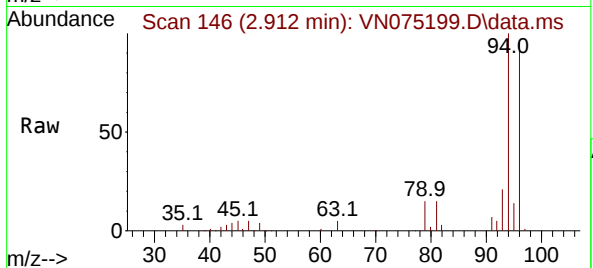
Tgt Ion: 62 Resp: 86711
Ion Ratio Lower Upper
62 100
64 33.4 24.0 36.0





#5
Bromomethane
Concen: 36.863 ug/l
RT: 2.912 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

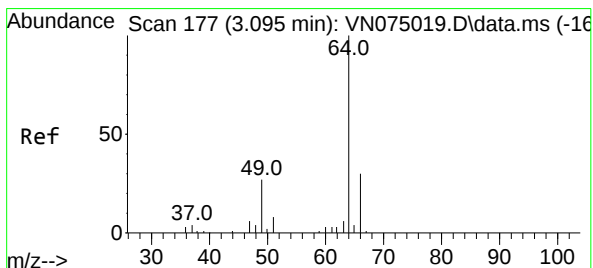
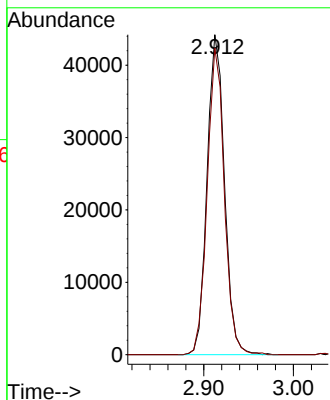
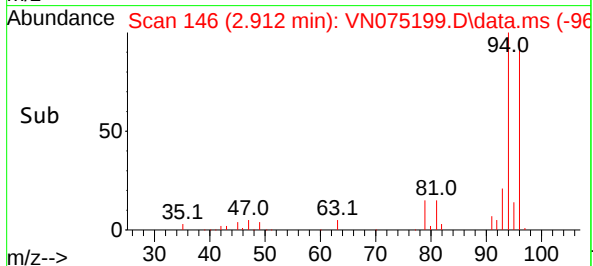
Instrument :
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Tgt Ion: 94 Resp: 59550
Ion Ratio Lower Upper
94 100
96 95.8 71.8 107.6

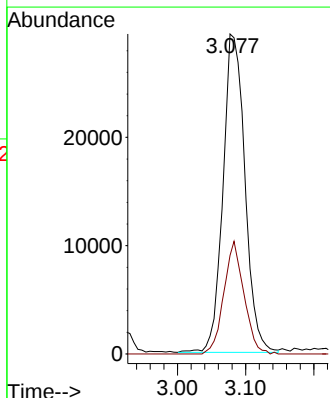
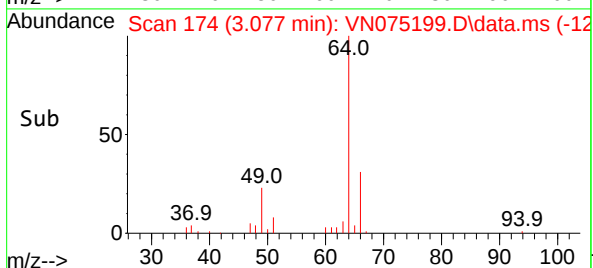
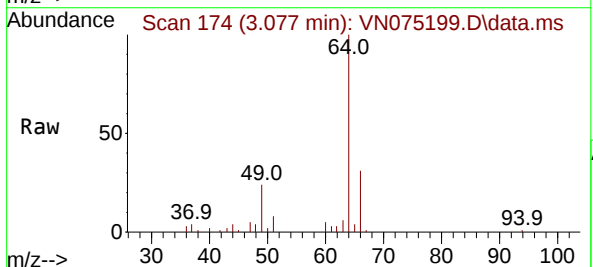
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#6
Chloroethane
Concen: 42.094 ug/l
RT: 3.077 min Scan# 174
Delta R.T. -0.018 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

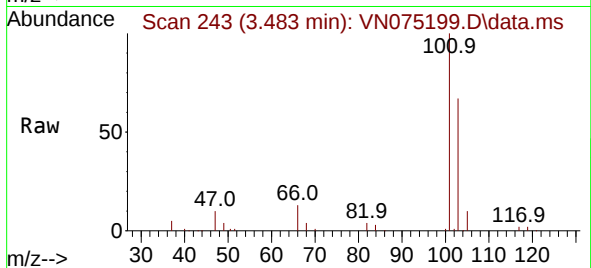
Tgt Ion: 64 Resp: 65838
Ion Ratio Lower Upper
64 100
66 31.0 23.8 35.8





#7
Trichlorofluoromethane
Concen: 47.783 ug/l
RT: 3.483 min Scan# 244
Delta R.T. -0.006 min
Lab File: VN075199.D
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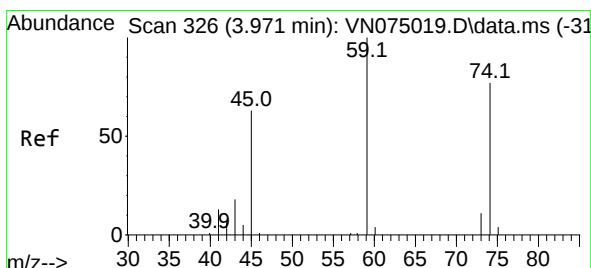
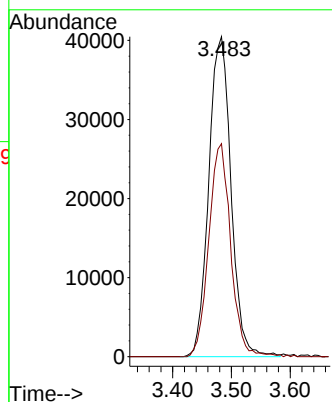
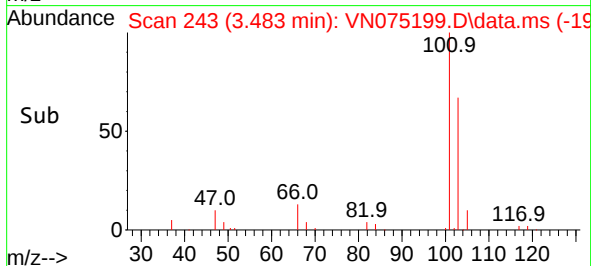
Instrument :
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Tgt Ion:101 Resp: 106469
Ion Ratio Lower Upper
101 100
103 66.5 50.5 75.7

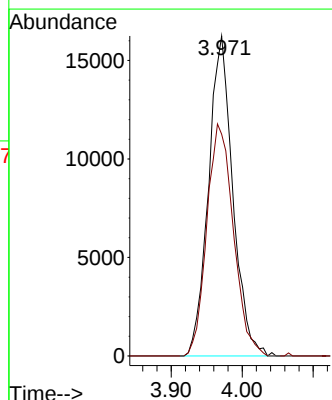
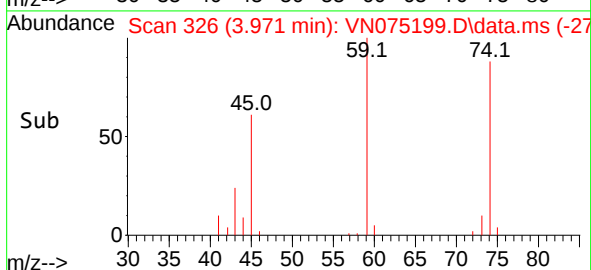
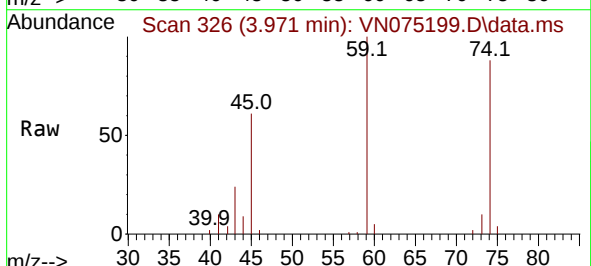
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#8
Diethyl Ether
Concen: 47.621 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

Tgt Ion: 74 Resp: 38702
Ion Ratio Lower Upper
74 100
45 79.1 39.3 117.9





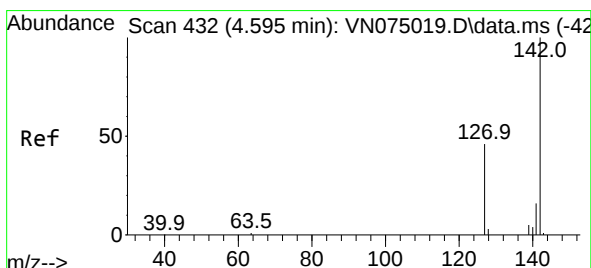
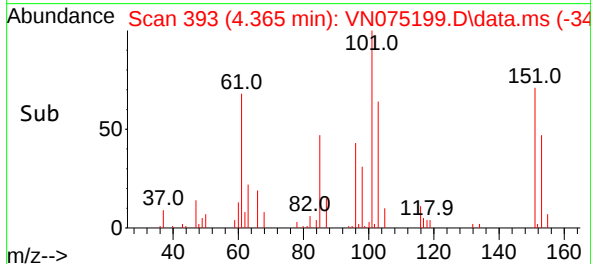
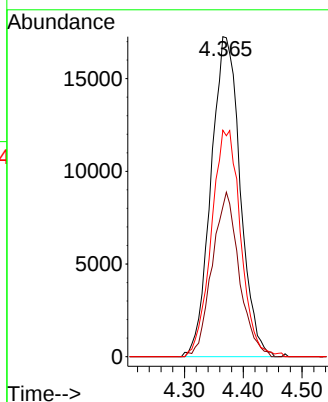
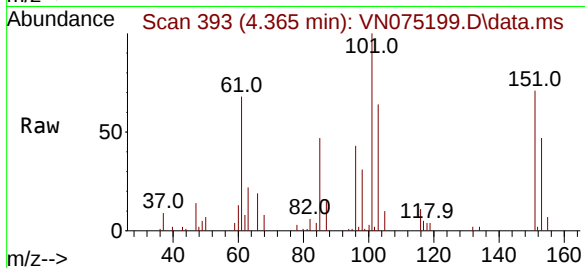
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.319 ug/l
RT: 4.365 min Scan# 396
Delta R.T. -0.018 min
Lab File: VN075199.D
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Tgt Ion:101 Resp: 5945
Ion Ratio Lower Upper
101 100
85 47.7 37.6 56.4
151 71.1 58.3 87.5

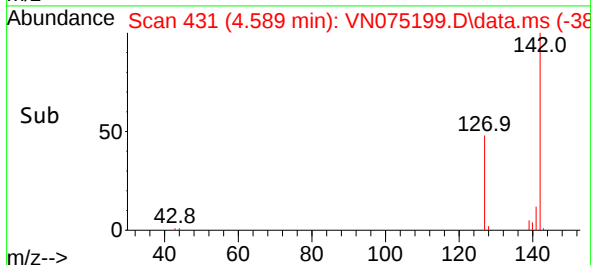
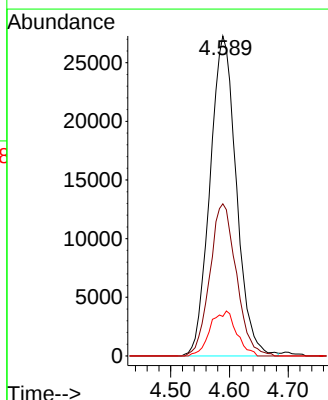
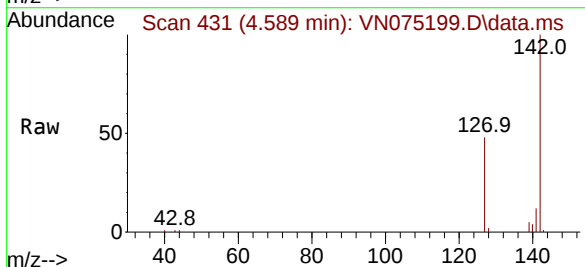
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#10
Methyl Iodide
Concen: 46.275 ug/l
RT: 4.589 min Scan# 431
Delta R.T. -0.006 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

Tgt Ion:142 Resp: 84771
Ion Ratio Lower Upper
142 100
127 47.8 38.0 57.0
141 14.1 12.2 18.4





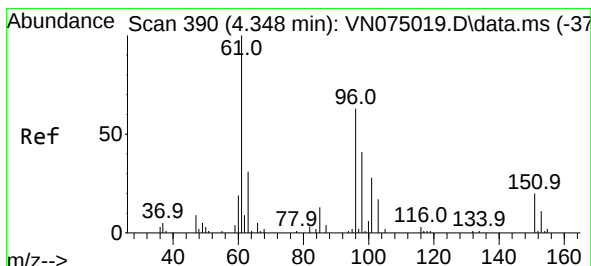
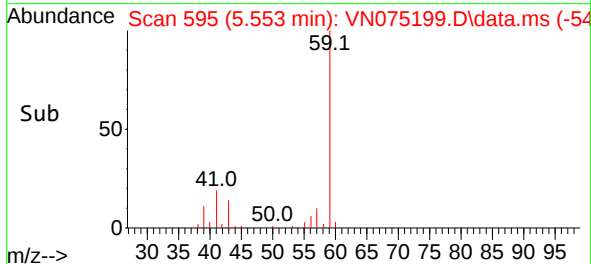
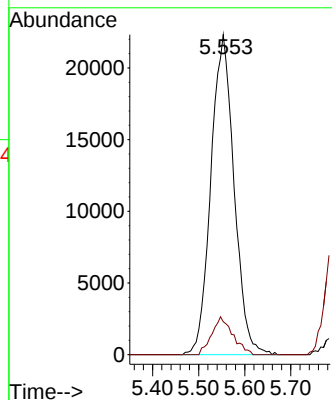
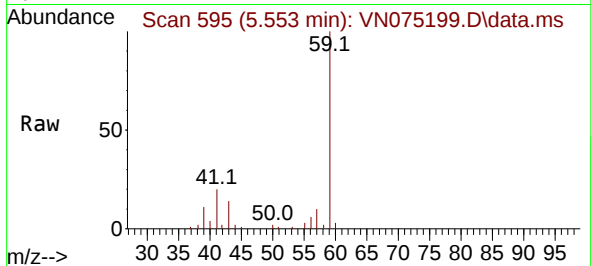
#11
Tert butyl alcohol
Concen: 224.220 ug/l
RT: 5.553 min Scan# 59
Delta R.T. 0.011 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 7795
Ion Ratio Lower Upper
59 100
57 10.7 8.5 12.7

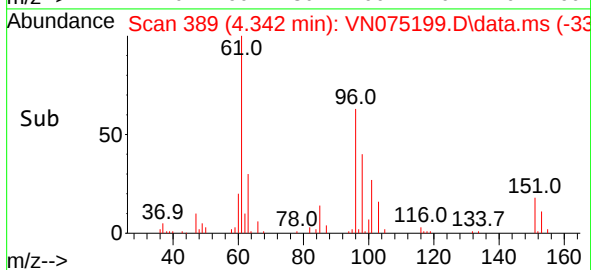
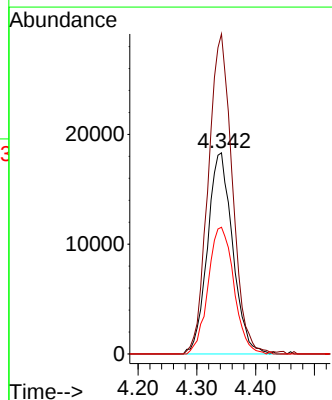
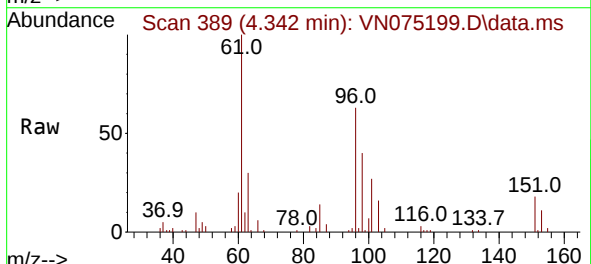
Manual Integrations
APPROVED

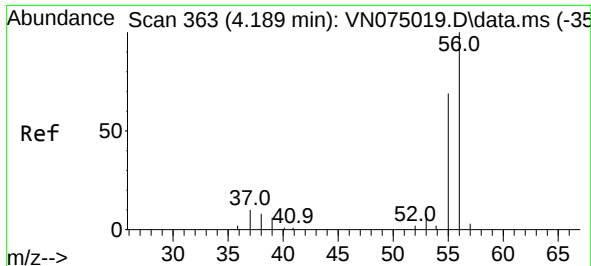
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#12
1,1-Dichloroethene
Concen: 46.423 ug/l
RT: 4.342 min Scan# 389
Delta R.T. -0.006 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

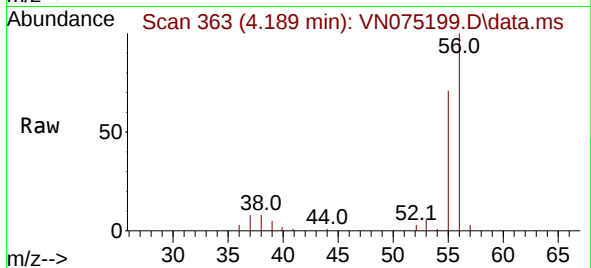
Tgt Ion: 96 Resp: 54451
Ion Ratio Lower Upper
96 100
61 159.1 126.2 189.4
98 63.0 51.5 77.3





#13
Acrolein
Concen: 215.789 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

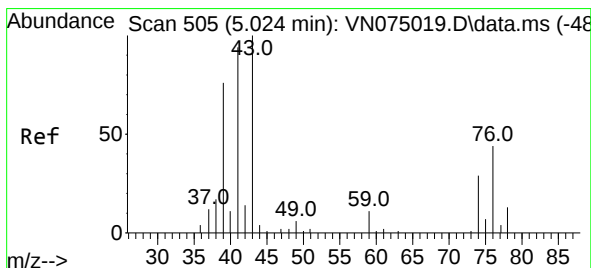
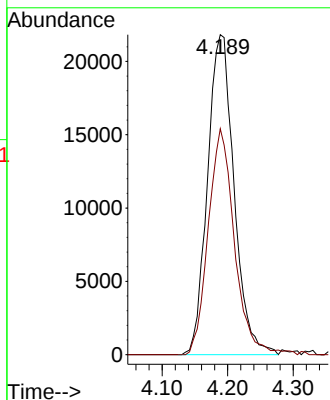
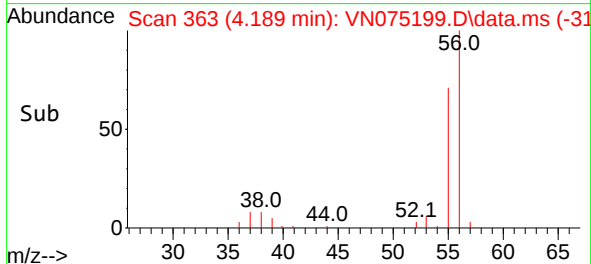
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 6136
Ion Ratio Lower Upper
56 100
55 69.8 55.2 82.8

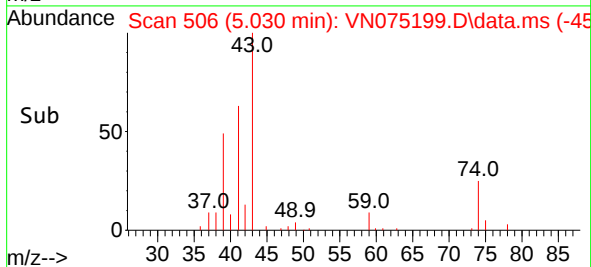
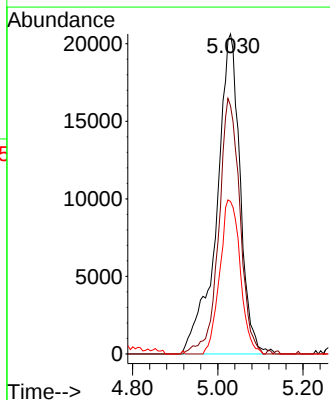
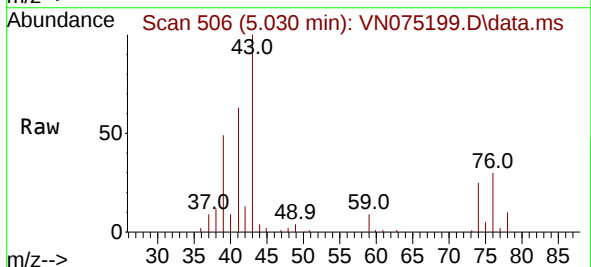
Manual Integrations
APPROVED

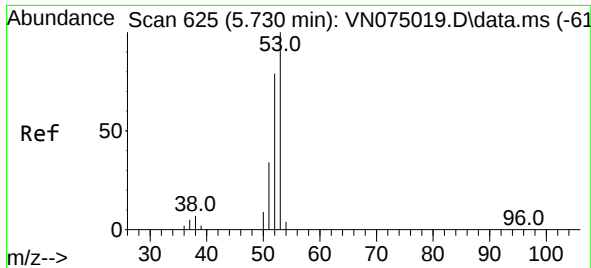
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#14
Allyl chloride
Concen: 46.152 ug/l
RT: 5.030 min Scan# 506
Delta R.T. 0.006 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

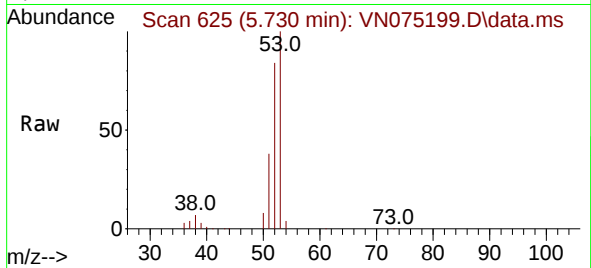
Tgt Ion: 41 Resp: 79062
Ion Ratio Lower Upper
41 100
39 71.5 61.0 91.4
76 41.9 33.4 50.0





#15
Acrylonitrile
Concen: 245.408 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

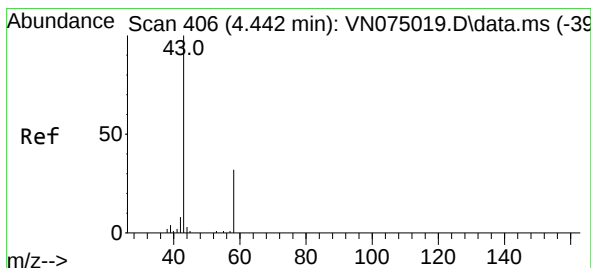
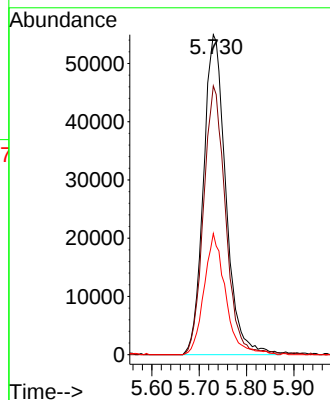
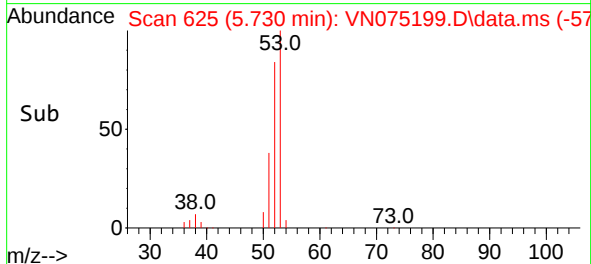
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 180240
Ion Ratio Lower Upper
53 100
52 82.5 66.4 99.6
51 36.4 29.6 44.4

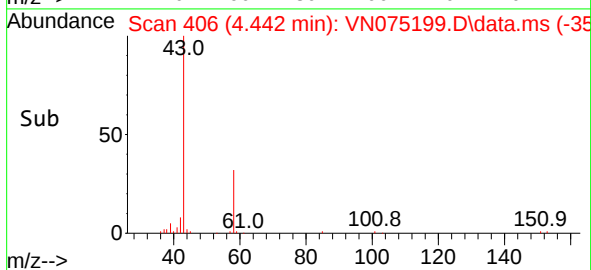
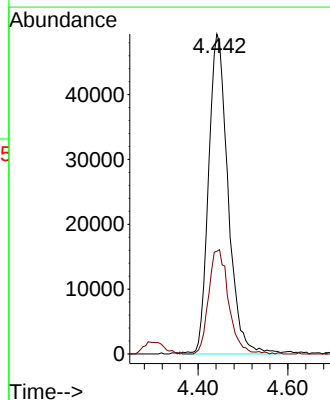
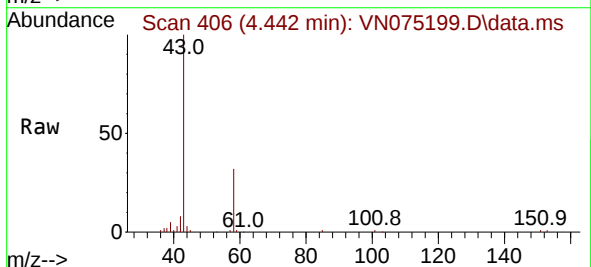
Manual Integrations
APPROVED

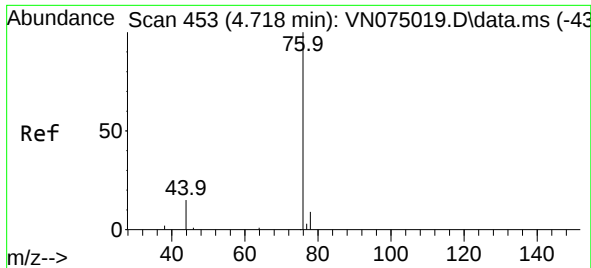
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#16
Acetone
Concen: 235.185 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

Tgt Ion: 43 Resp: 148468
Ion Ratio Lower Upper
43 100
58 31.7 25.5 38.3





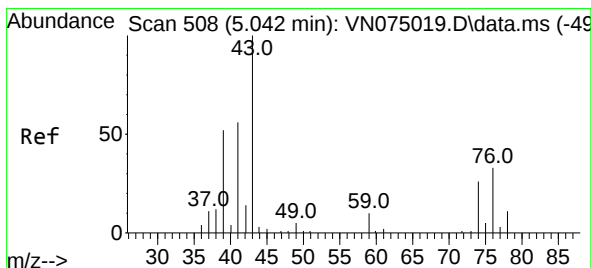
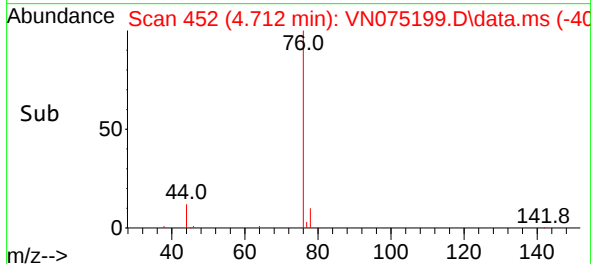
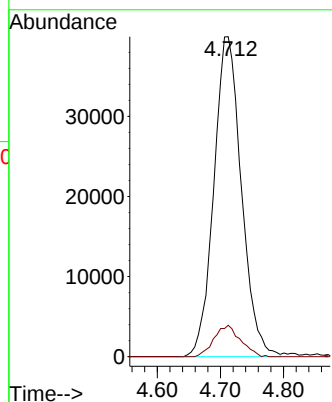
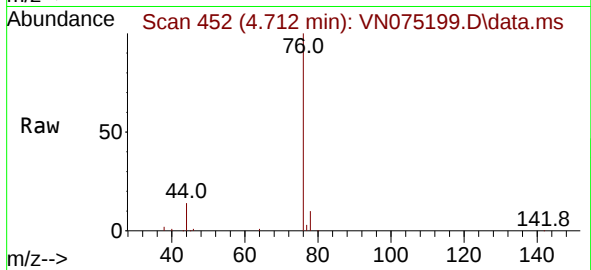
#17
Carbon Disulfide
Concen: 41.005 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 120949
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.2

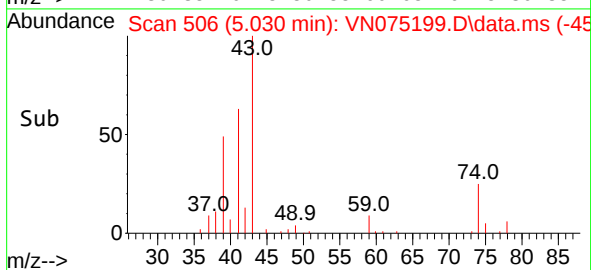
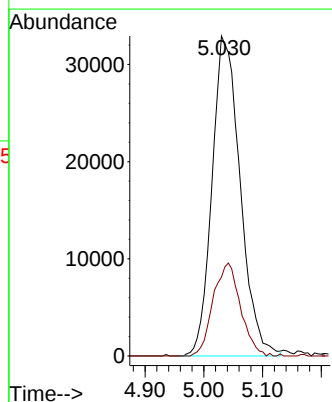
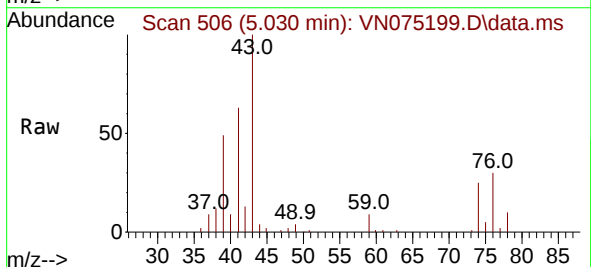
Manual Integrations
APPROVED

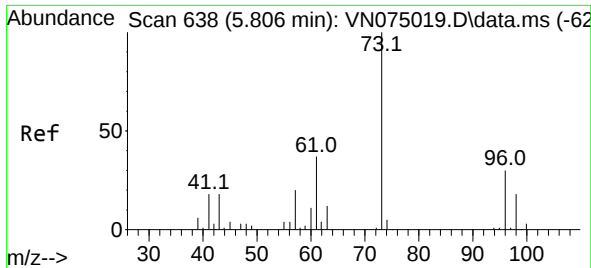
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#18
Methyl Acetate
Concen: 53.109 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.012 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

Tgt Ion: 43 Resp: 109513
Ion Ratio Lower Upper
43 100
74 28.2 22.0 33.0





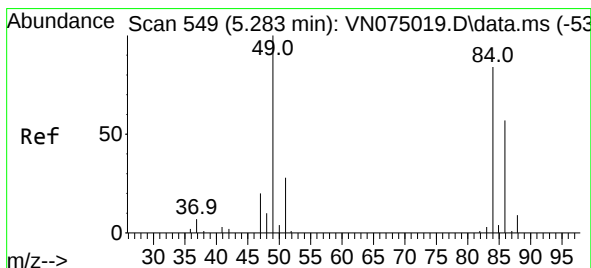
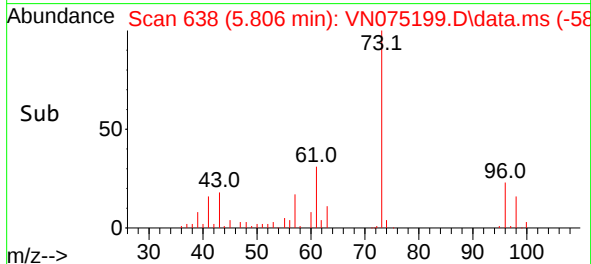
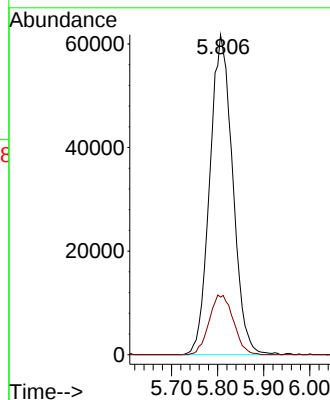
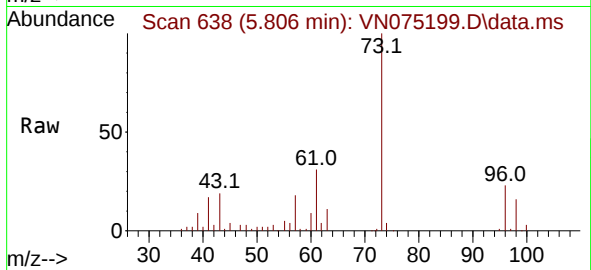
#19
Methyl tert-butyl Ether
Concen: 48.934 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 213320
Ion Ratio Lower Upper
73 100
57 18.0 16.3 24.5

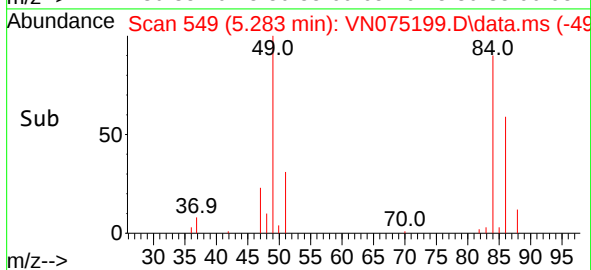
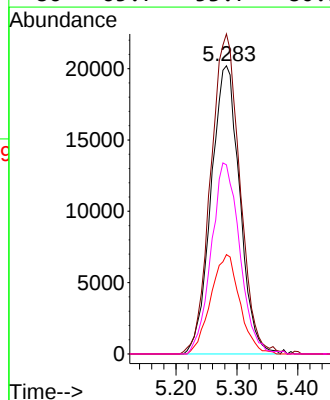
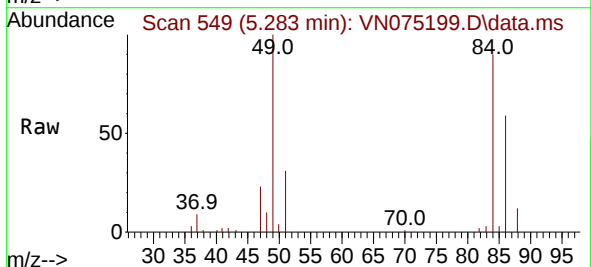
Manual Integrations
APPROVED

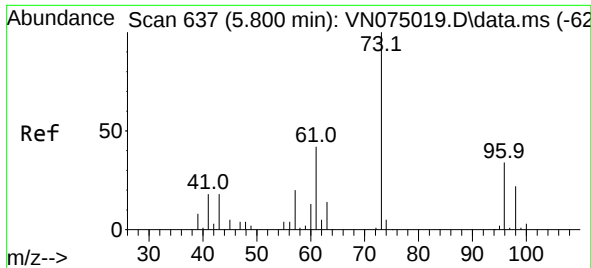
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#20
Methylene Chloride
Concen: 46.790 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

Tgt Ion: 84 Resp: 65858
Ion Ratio Lower Upper
84 100
49 111.0 94.9 142.3
51 34.5 26.8 40.2
86 65.7 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 46.463 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

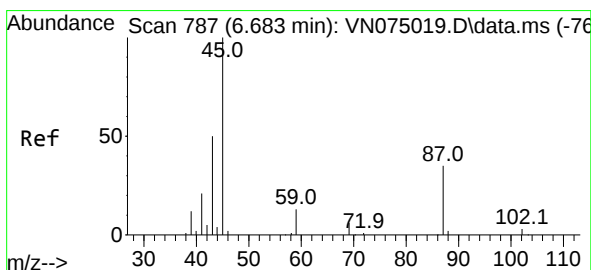
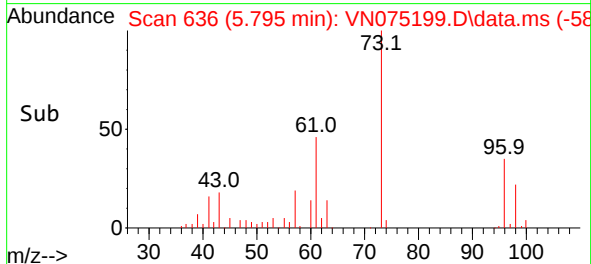
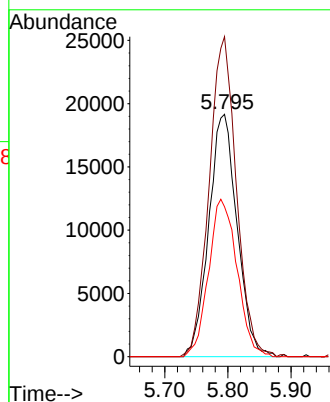
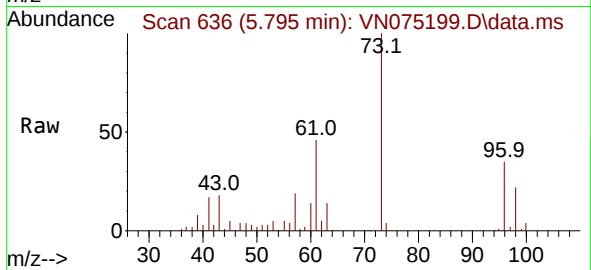
Tgt Ion: 96 Resp: 59670
Ion Ratio Lower Upper
96 100
61 132.0 99.9 149.9
98 61.8 51.5 77.3

Manual Integrations

APPROVED

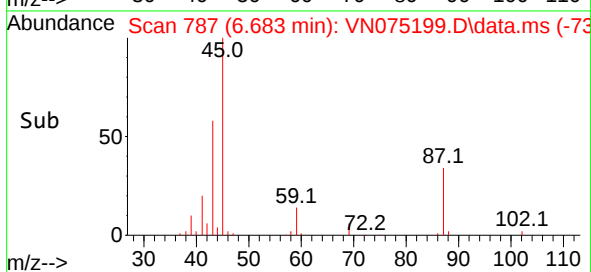
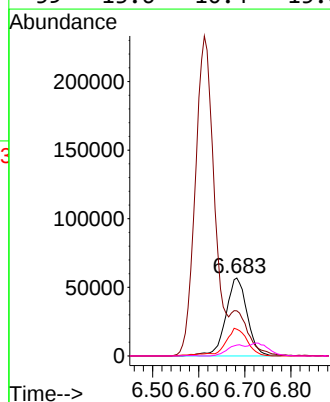
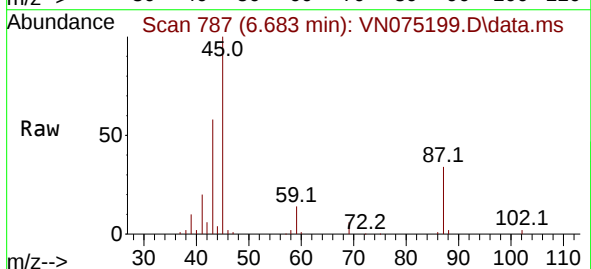
Reviewed By :John Carlone 11/08/2022

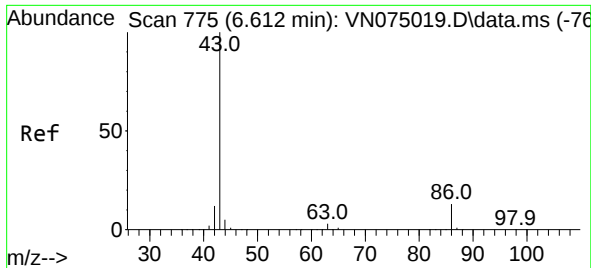
Supervised By :Mahesh Dadoda 11/08/2022



#22
Diisopropyl ether
Concen: 48.338 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

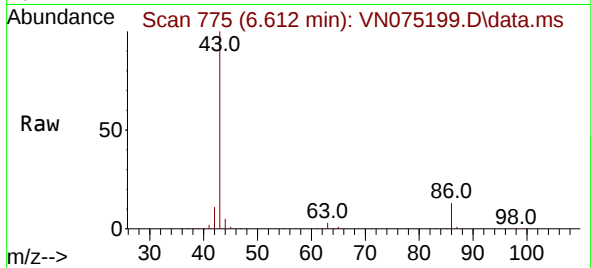
Tgt Ion: 45 Resp: 182739
Ion Ratio Lower Upper
45 100
43 56.5 42.8 64.2
87 34.3 28.4 42.6
59 13.6 10.4 15.6





#23
 Vinyl Acetate
 Concen: 239.686 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075199.D
 Acq: 07 Nov 2022 19:47

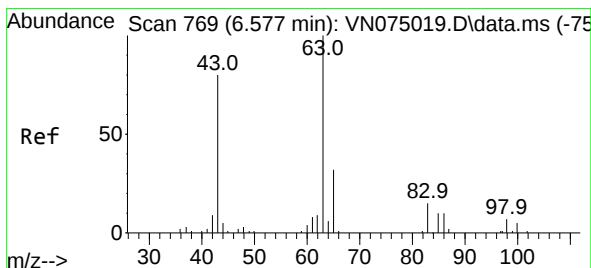
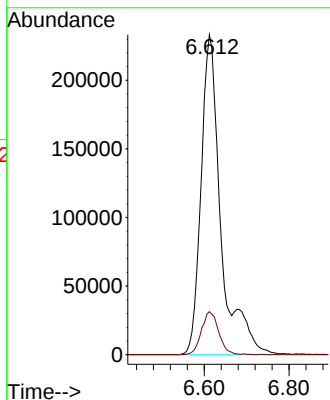
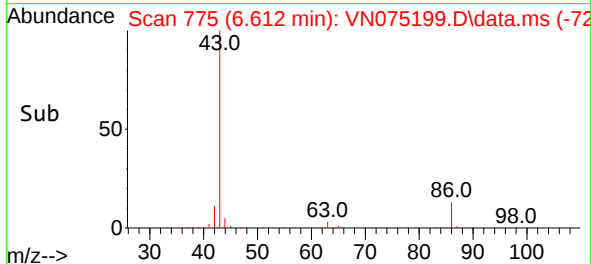
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



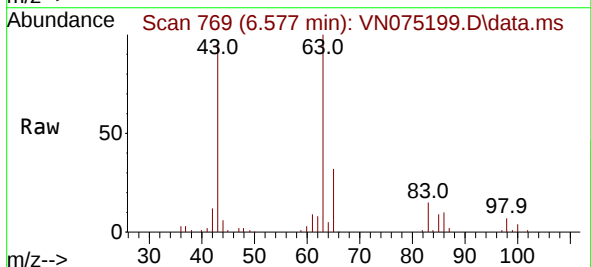
Tgt Ion: 43 Resp: 75666
 Ion Ratio Lower Upper
 43 100
 86 13.5 10.7 16.1

Manual Integrations
 APPROVED

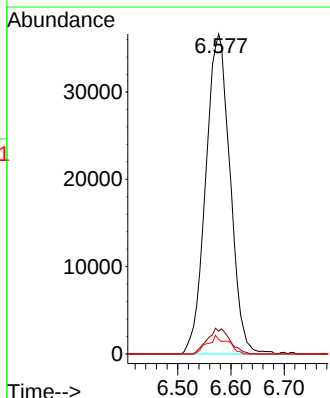
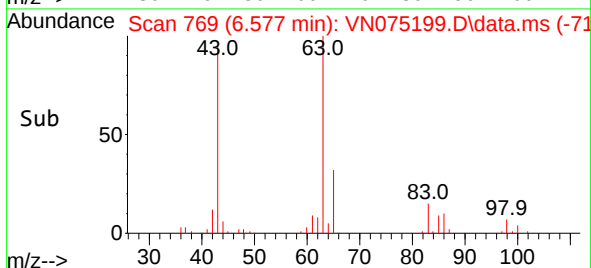
Reviewed By :John Carlone 11/08/2022
 Supervised By :Mahesh Dadoda 11/08/2022

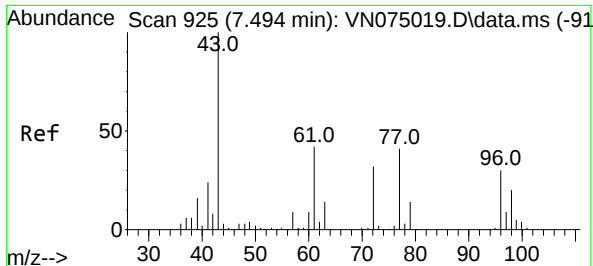


#24
 1,1-Dichloroethane
 Concen: 48.615 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075199.D
 Acq: 07 Nov 2022 19:47



Tgt Ion: 63 Resp: 116236
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.8
 100 4.5 2.4 7.2





#25

2-Butanone

Concen: 241.309 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075199.D

Acq: 07 Nov 2022 19:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 239600

Ion Ratio Lower Upper

43 100

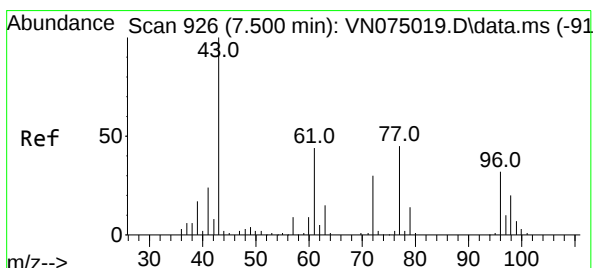
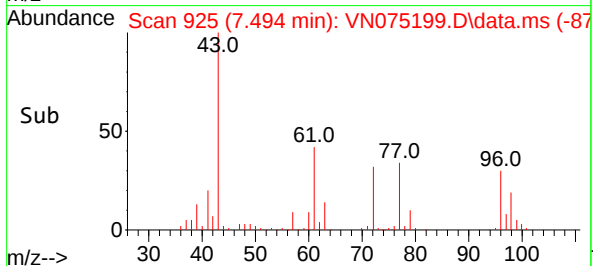
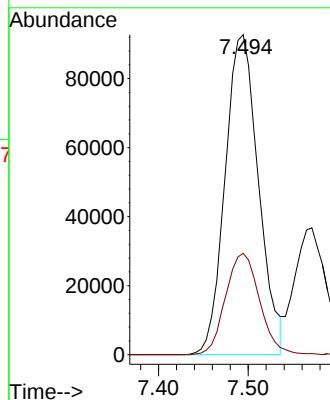
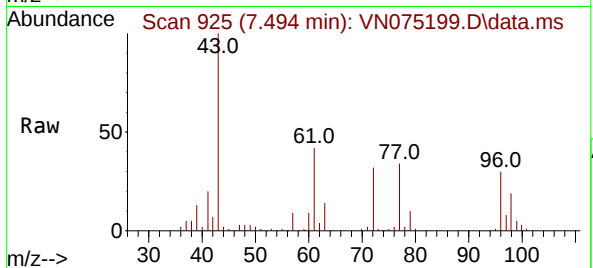
72 31.6 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2022

Supervised By :Mahesh Dadoda 11/08/2022



#26

2,2-Dichloropropane

Concen: 42.509 ug/l

RT: 7.489 min Scan# 924

Delta R.T. -0.011 min

Lab File: VN075199.D

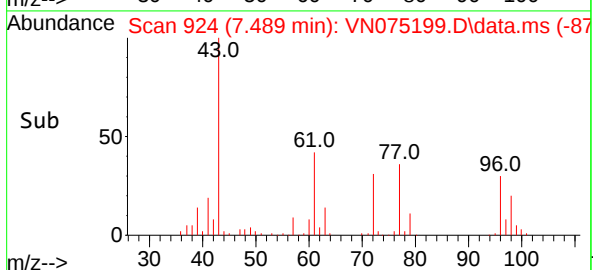
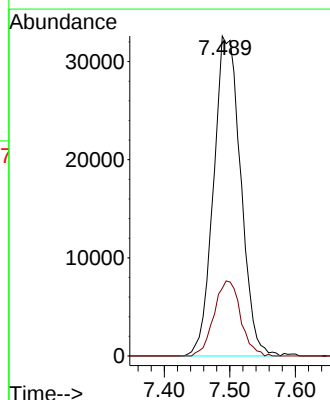
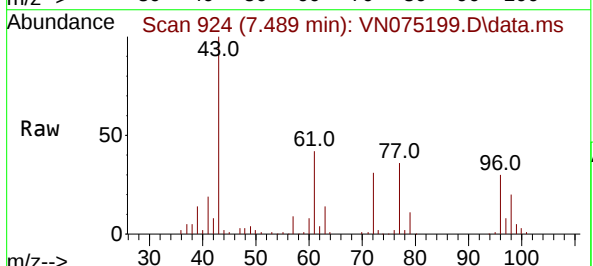
Acq: 07 Nov 2022 19:47

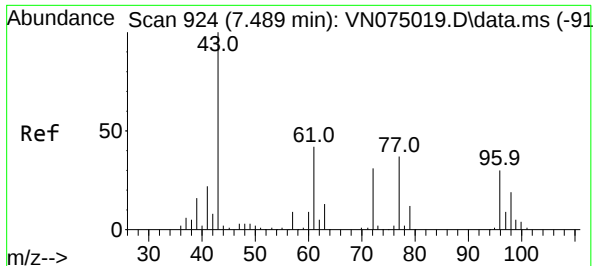
Tgt Ion: 77 Resp: 93501

Ion Ratio Lower Upper

77 100

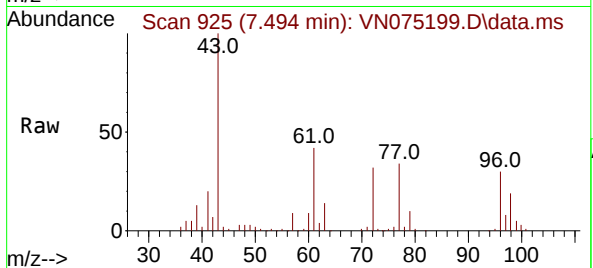
97 23.0 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 48.883 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.005 min
 Lab File: VN075199.D
 Acq: 07 Nov 2022 19:47

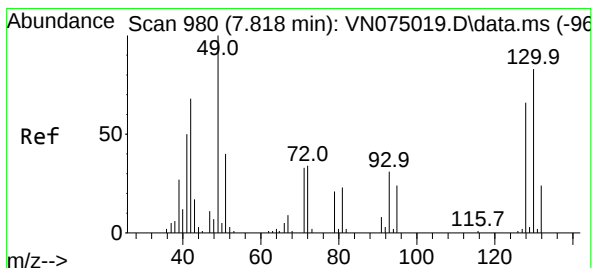
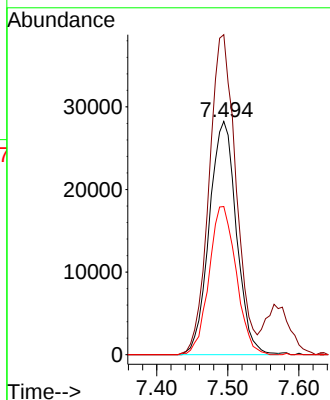
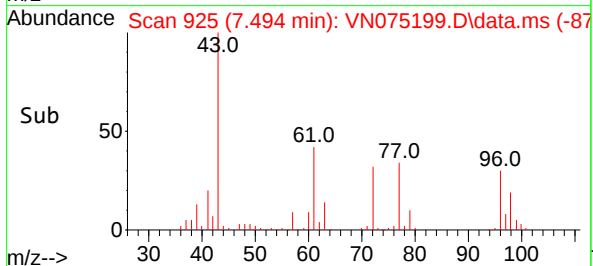
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 74970
 Ion Ratio Lower Upper
 96 100
 61 135.5 0.0 278.8
 98 63.5 0.0 128.4

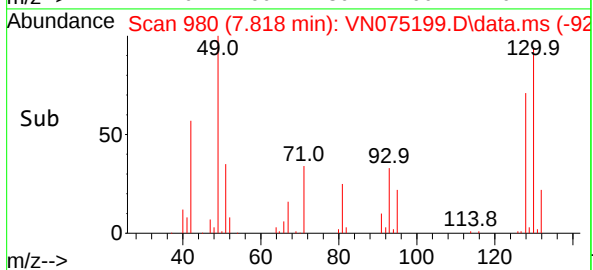
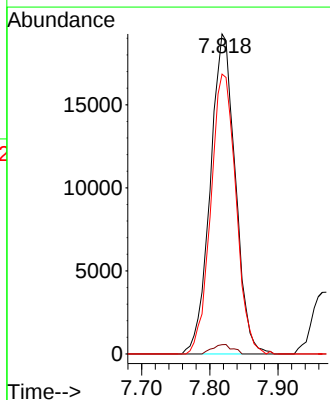
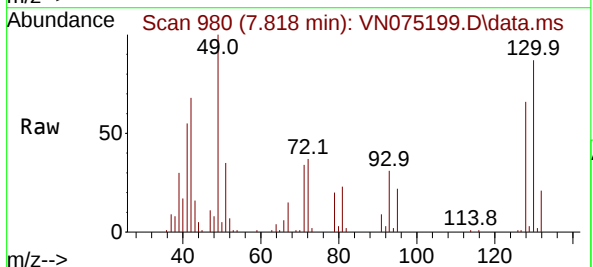
Manual Integrations
 APPROVED

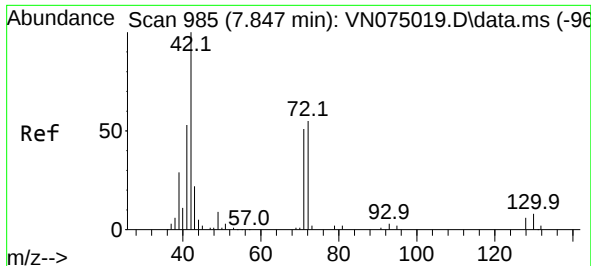
Reviewed By :John Carlone 11/08/2022
 Supervised By :Mahesh Dadoda 11/08/2022



#28
 Bromochloromethane
 Concen: 48.933 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN075199.D
 Acq: 07 Nov 2022 19:47

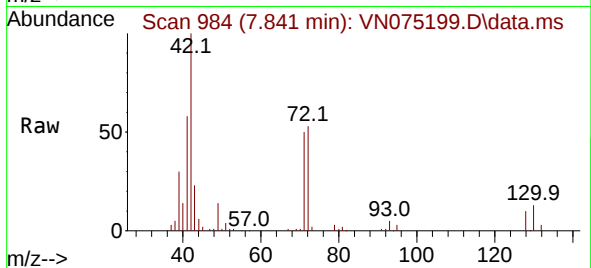
Tgt Ion: 49 Resp: 49320
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.6
 130 87.7 66.2 99.4





#29
Tetrahydrofuran
Concen: 247.849 ug/l
RT: 7.841 min Scan# 984
Delta R.T. -0.006 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

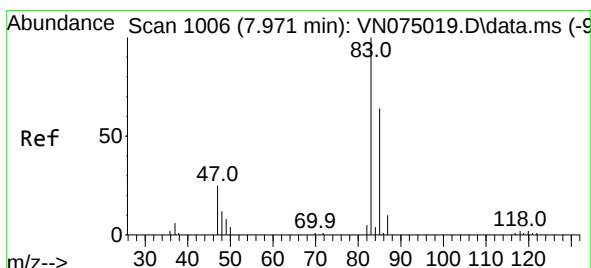
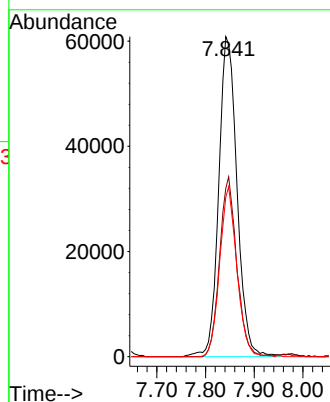
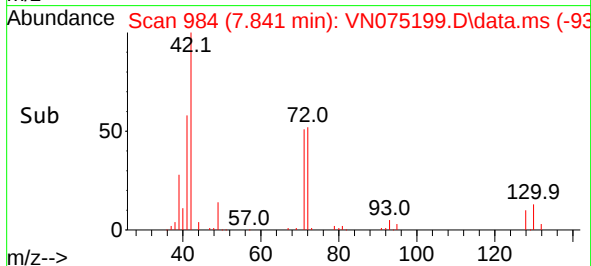
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



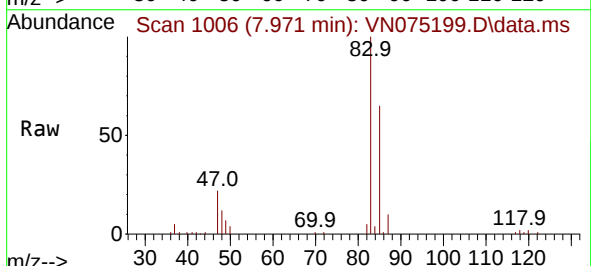
Tgt Ion: 42 Resp: 15902
Ion Ratio Lower Upper
42 100
72 52.8 43.0 64.6
71 49.8 39.9 59.9

Manual Integrations
APPROVED

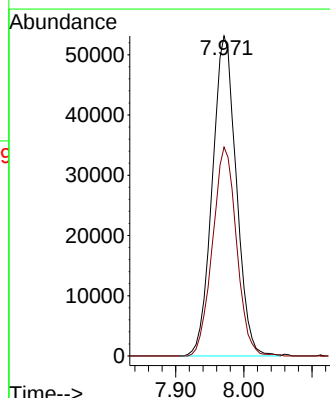
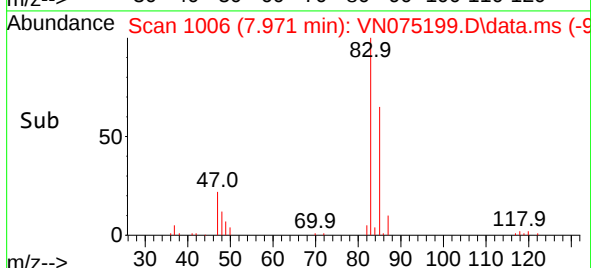
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022

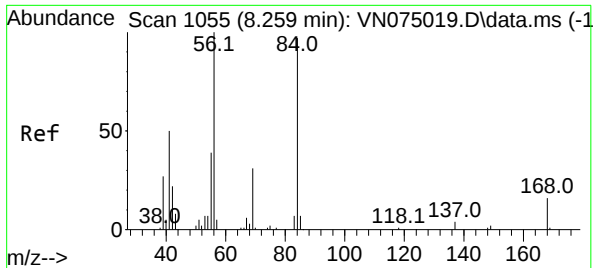


#30
Chloroform
Concen: 50.113 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47



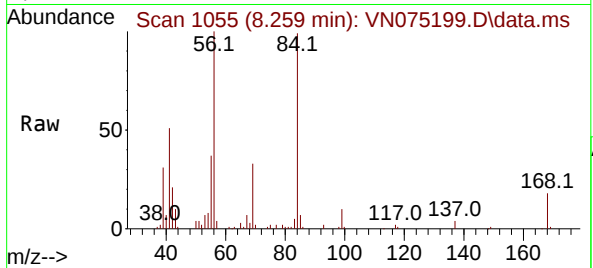
Tgt Ion: 83 Resp: 130092
Ion Ratio Lower Upper
83 100
85 65.2 51.4 77.0





#31
Cyclohexane
Concen: 42.509 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

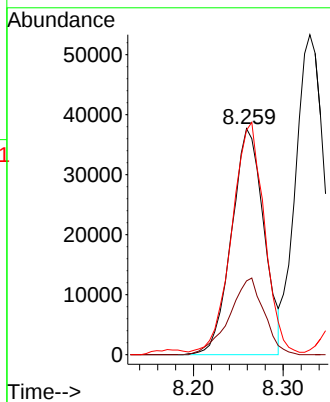
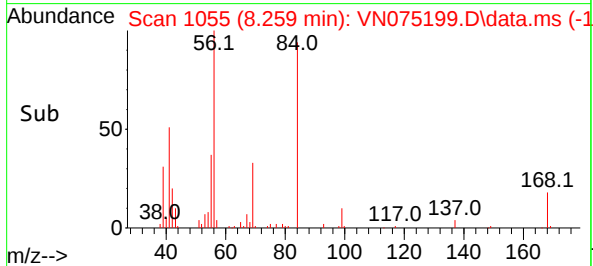
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



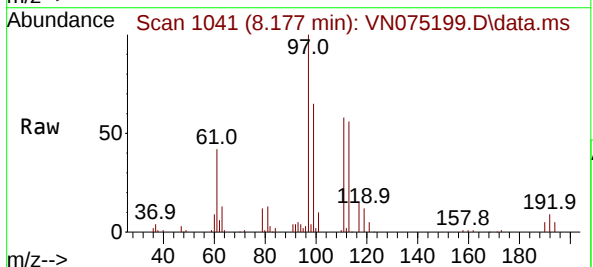
Tgt Ion: 56 Resp: 94258
Ion Ratio Lower Upper
56 100
69 32.6 25.2 37.8
84 97.2 77.8 116.8

Manual Integrations
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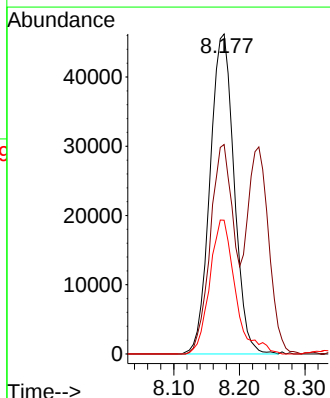
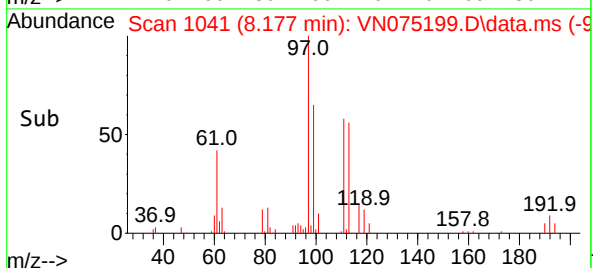
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022

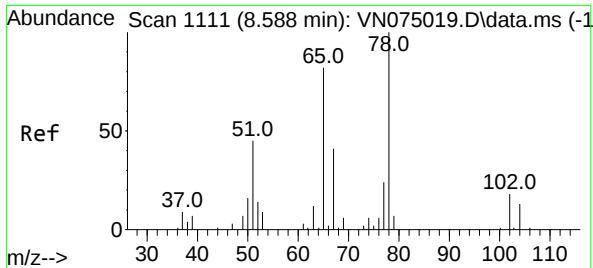


#32
1,1,1-Trichloroethane
Concen: 49.947 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47



Tgt Ion: 97 Resp: 117746
Ion Ratio Lower Upper
97 100
99 63.9 50.2 75.2
61 44.5 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 49.957 ug/l

RT: 8.583 min Scan# 1111

Delta R.T. -0.005 min

Lab File: VN075199.D

Acq: 07 Nov 2022 19:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 74480

Ion Ratio Lower Upper

65 100

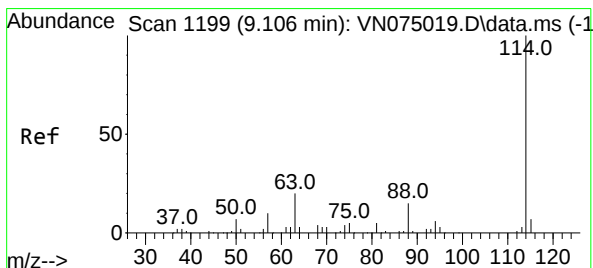
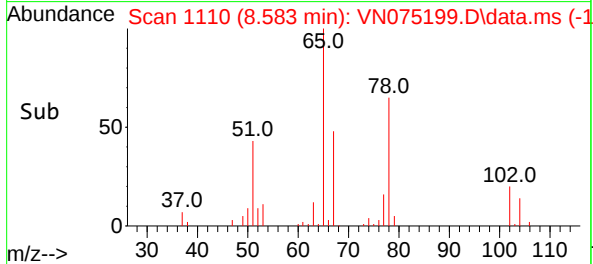
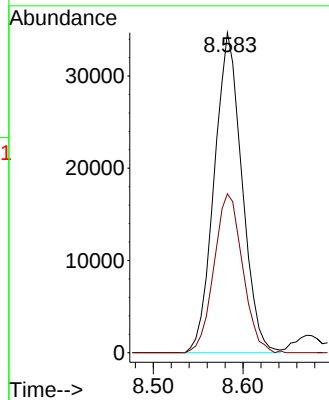
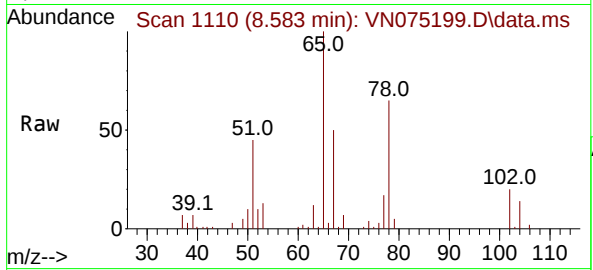
67 51.2 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2022

Supervised By :Mahesh Dadoda 11/08/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075199.D

Acq: 07 Nov 2022 19:47

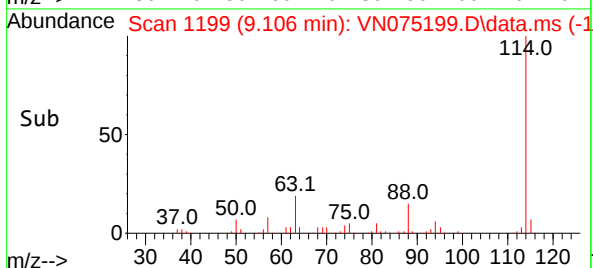
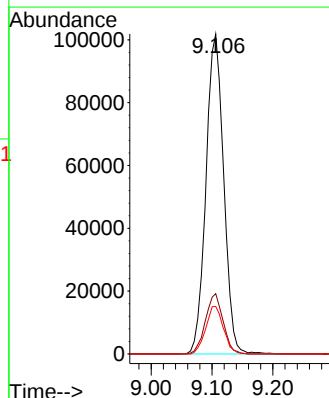
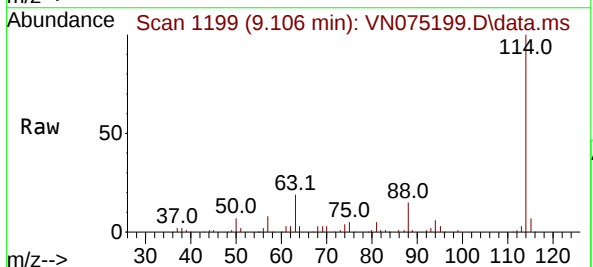
Tgt Ion:114 Resp: 205904

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.6

88 14.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 52.295 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075199.D

Acq: 07 Nov 2022 19:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 6321

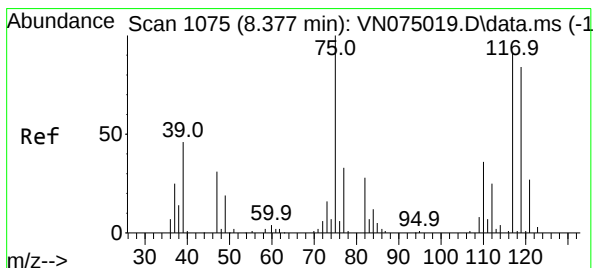
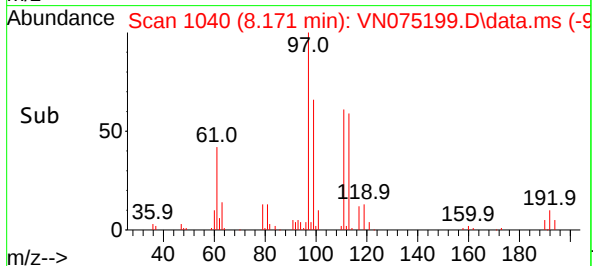
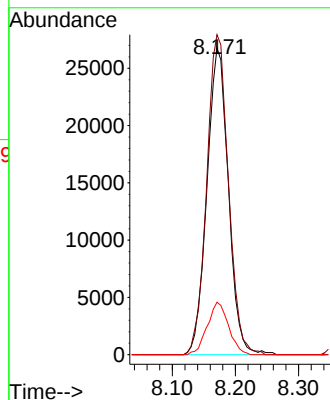
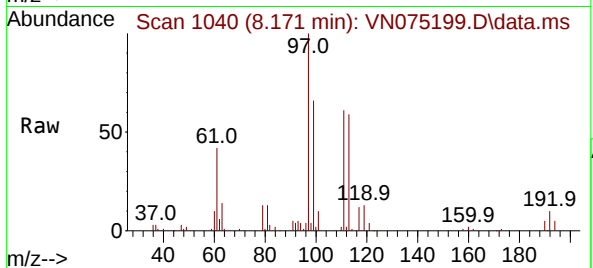
Ion	Ratio	Lower	Upper
113	100		
111	105.4	80.5	120.7
192	16.9	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2022

Supervised By :Mahesh Dadoda 11/08/2022



#36

1,1-Dichloropropene

Concen: 48.105 ug/l

RT: 8.377 min Scan# 1075

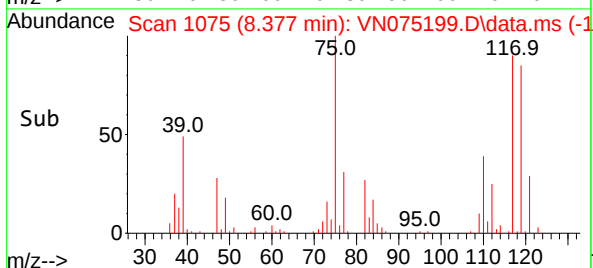
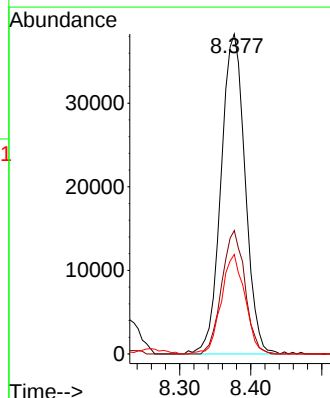
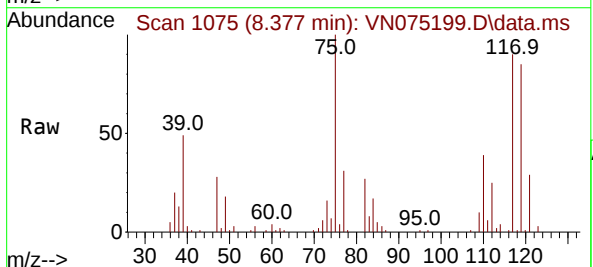
Delta R.T. -0.000 min

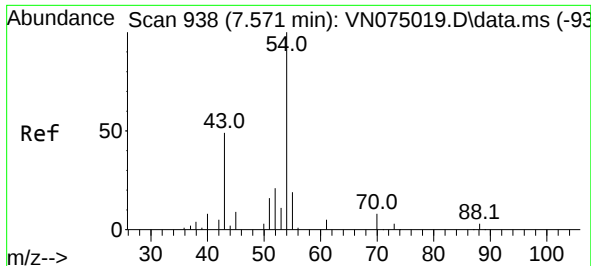
Lab File: VN075199.D

Acq: 07 Nov 2022 19:47

Tgt Ion: 75 Resp: 90023

Ion	Ratio	Lower	Upper
75	100		
110	37.2	17.8	53.3
77	30.6	24.6	37.0





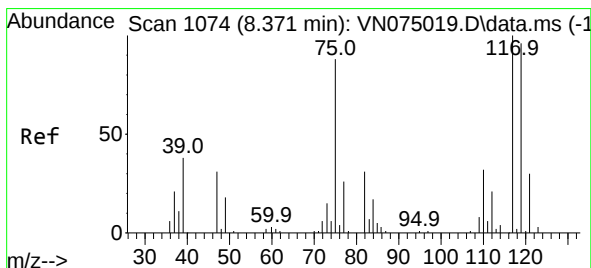
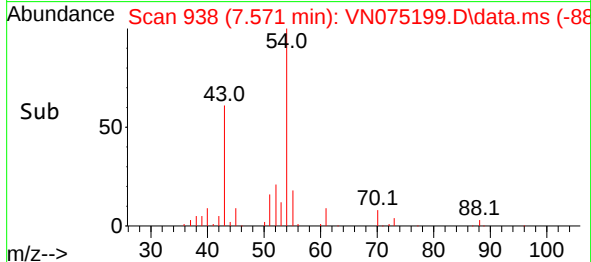
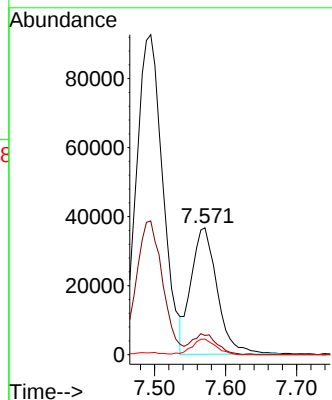
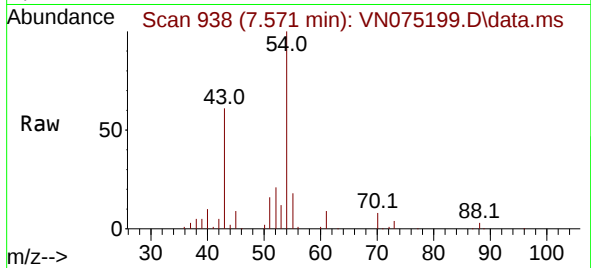
#37
Ethyl Acetate
Concen: 45.683 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 9375
Ion Ratio Lower Upper
43 100
61 15.6 12.2 18.4
70 11.3 9.4 14.2

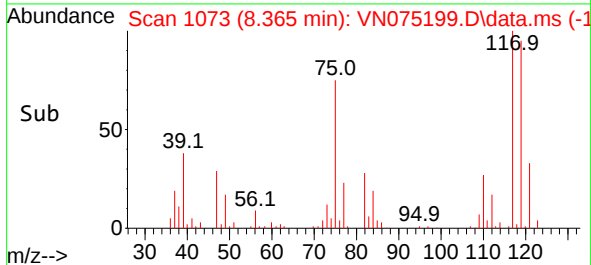
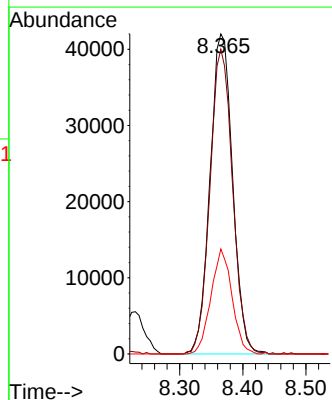
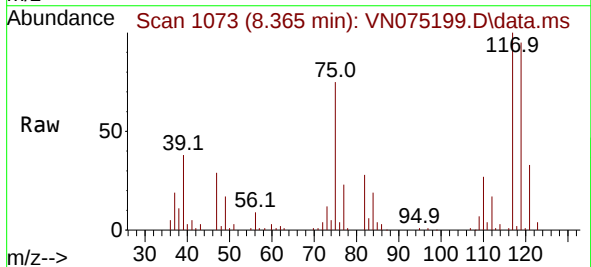
Manual Integrations
APPROVED

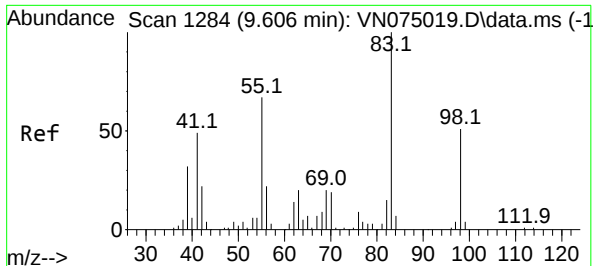
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#38
Carbon Tetrachloride
Concen: 50.751 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

Tgt Ion:117 Resp: 104473
Ion Ratio Lower Upper
117 100
119 95.2 76.7 115.1
121 32.8 23.9 35.9





#39

Methylcyclohexane

Concen: 45.867 ug/l

RT: 9.606 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN075199.D

Acq: 07 Nov 2022 19:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 11331

Ion Ratio Lower Upper

83 100

55 63.0 53.6 80.4

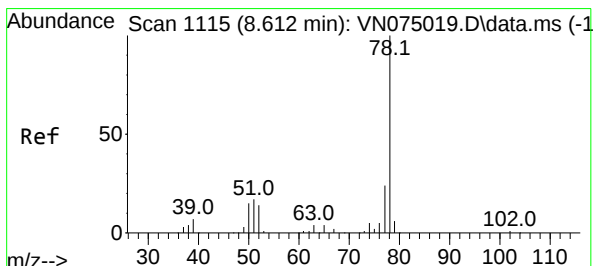
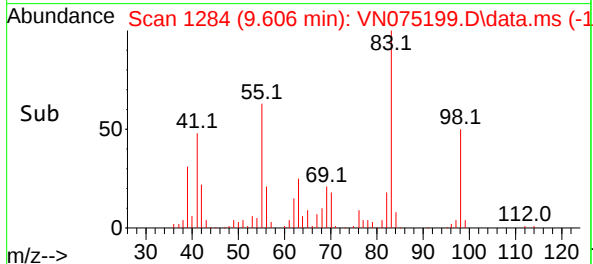
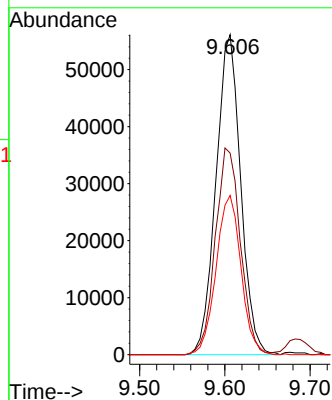
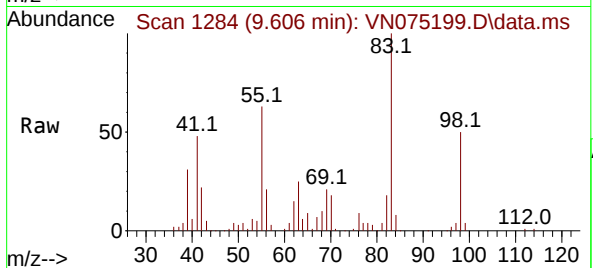
98 49.8 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2022

Supervised By :Mahesh Dadoda 11/08/2022



#40

Benzene

Concen: 49.131 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075199.D

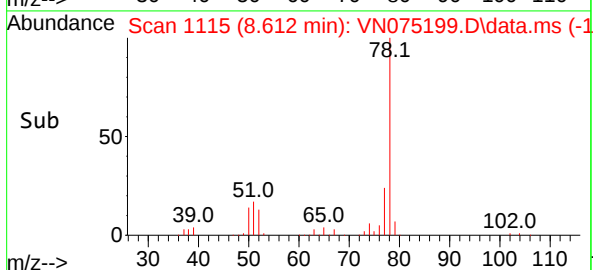
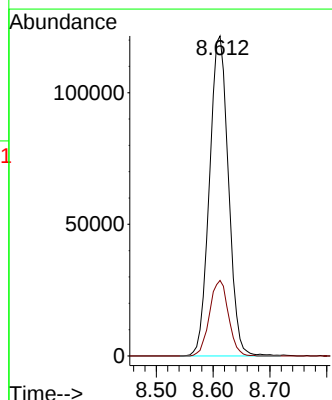
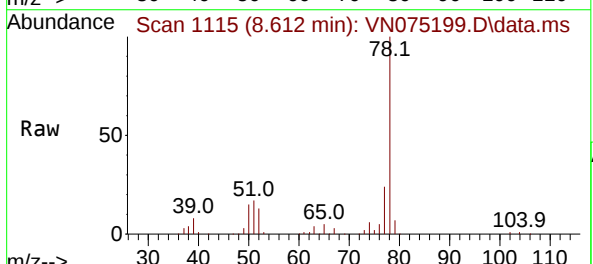
Acq: 07 Nov 2022 19:47

Tgt Ion: 78 Resp: 281514

Ion Ratio Lower Upper

78 100

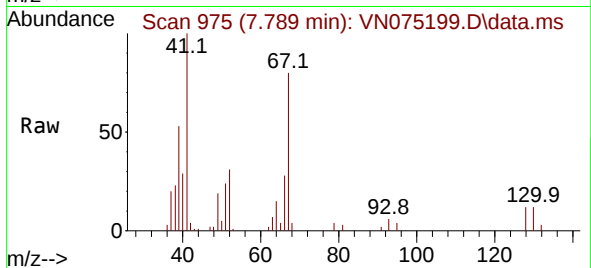
77 23.6 19.4 29.0





#41
Methacrylonitrile
Concen: 49.676 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

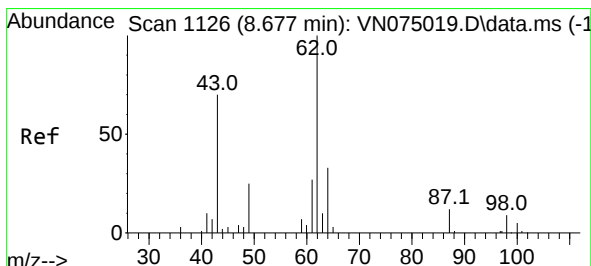
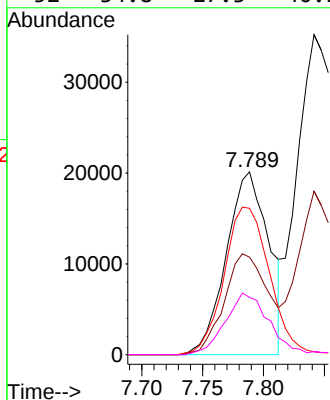
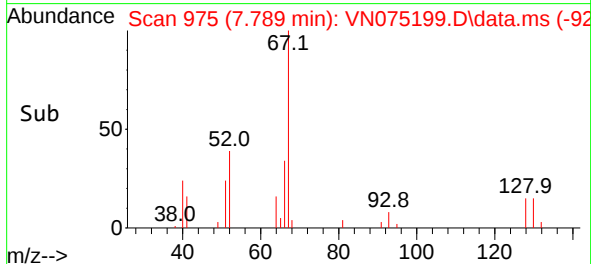
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 4884
Ion Ratio Lower Upper
41 100
39 56.6 44.4 66.6
67 86.4 69.8 104.6
52 34.8 27.3 40.9

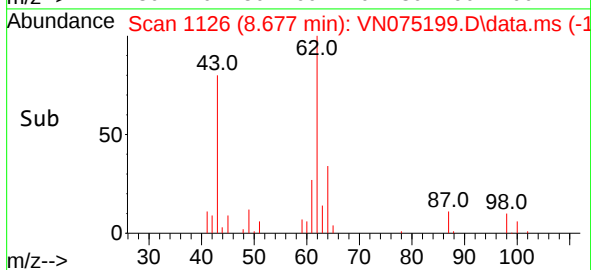
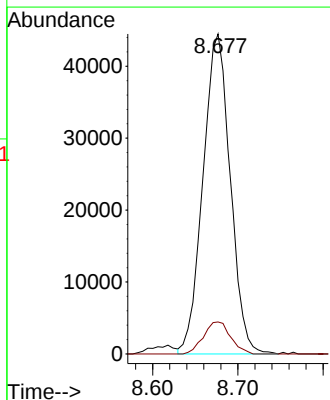
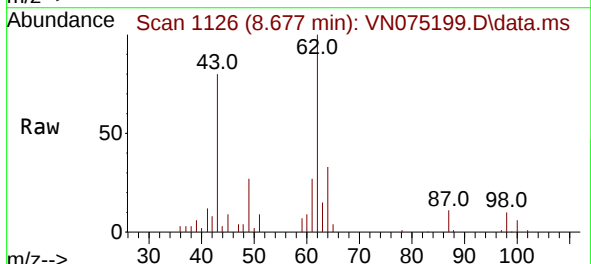
Manual Integrations
APPROVED

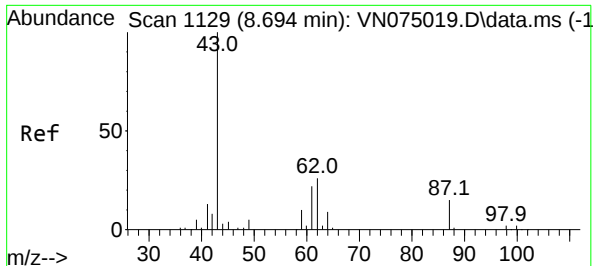
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#42
1,2-Dichloroethane
Concen: 47.518 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

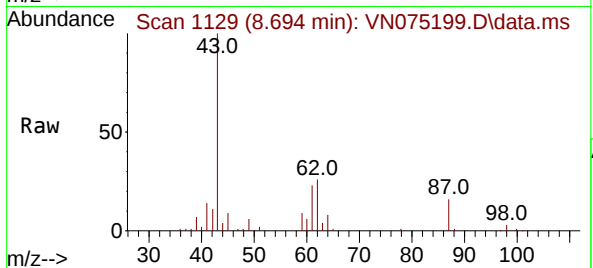
Tgt Ion: 62 Resp: 99058
Ion Ratio Lower Upper
62 100
98 9.9 0.0 18.2





#43
Isopropyl Acetate
Concen: 57.276 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

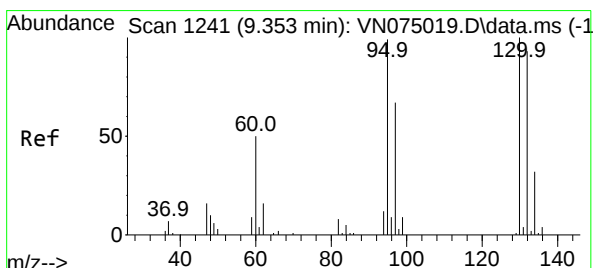
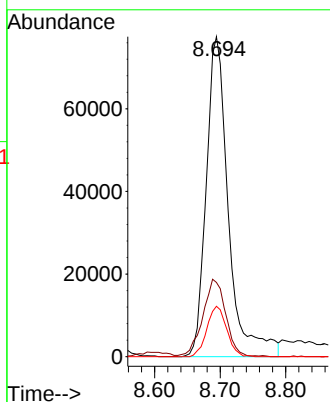
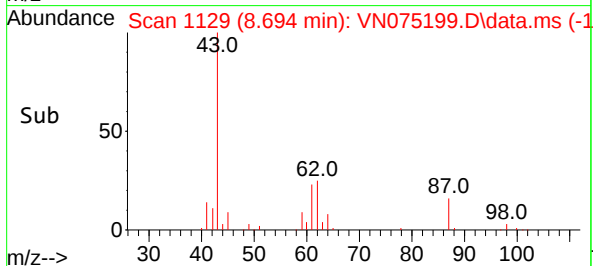
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



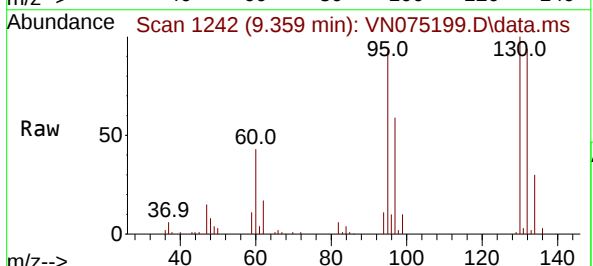
Tgt Ion: 43 Resp: 18233
Ion Ratio Lower Upper
43 100
61 24.4 22.4 33.6
87 14.0 12.5 18.7

Manual Integrations
APPROVED

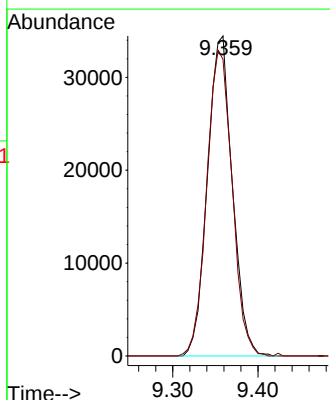
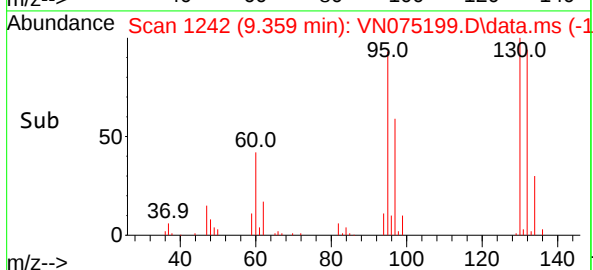
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022

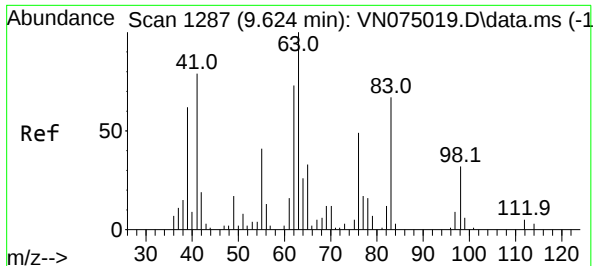


#44
Trichloroethene
Concen: 48.753 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47



Tgt Ion:130 Resp: 70085
Ion Ratio Lower Upper
130 100
95 92.7 0.0 198.4





#45

1,2-Dichloropropane

Concen: 51.472 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075199.D

Acq: 07 Nov 2022 19:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 7018

Ion Ratio Lower Upper

63 100

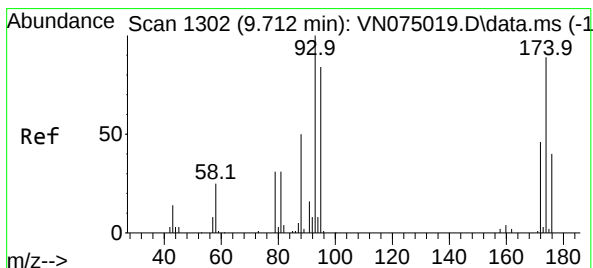
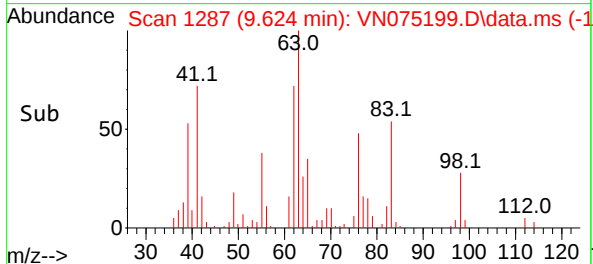
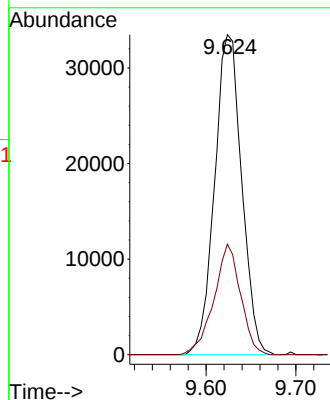
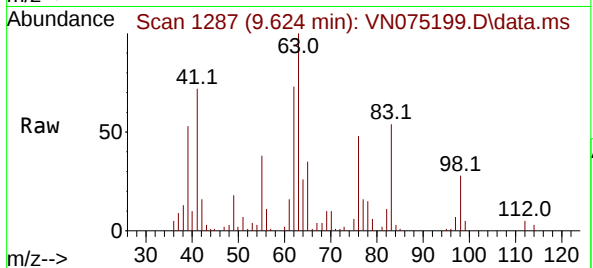
65 34.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2022

Supervised By :Mahesh Dadoda 11/08/2022



#46

Dibromomethane

Concen: 48.289 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075199.D

Acq: 07 Nov 2022 19:47

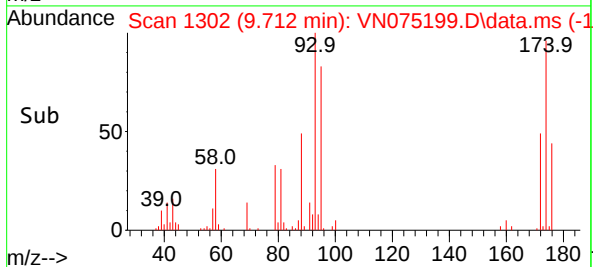
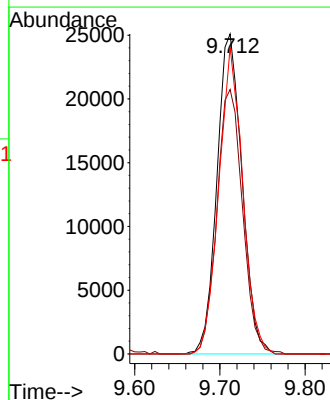
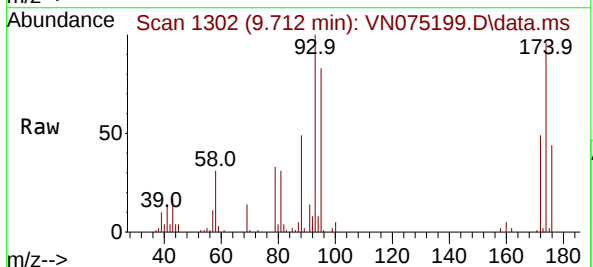
Tgt Ion: 93 Resp: 51300

Ion Ratio Lower Upper

93 100

95 84.4 66.6 99.8

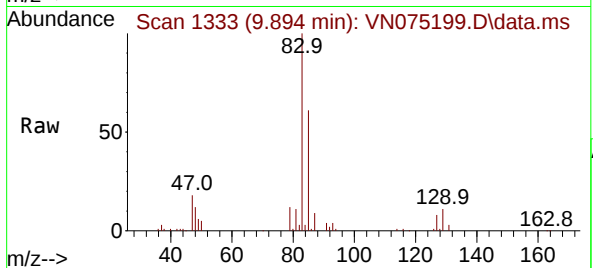
174 91.0 70.3 105.5





#47
Bromodichloromethane
Concen: 49.706 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

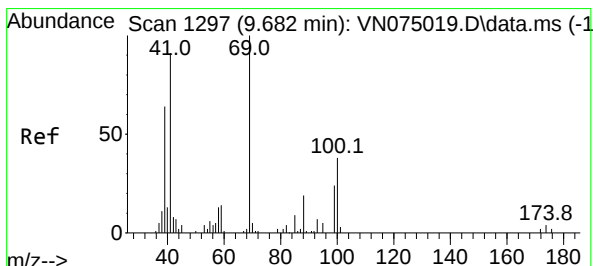
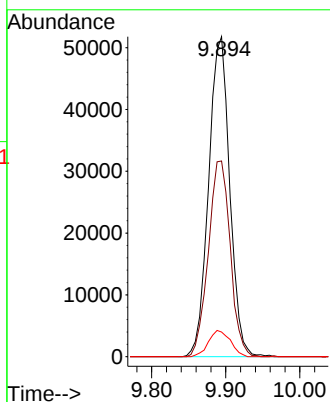
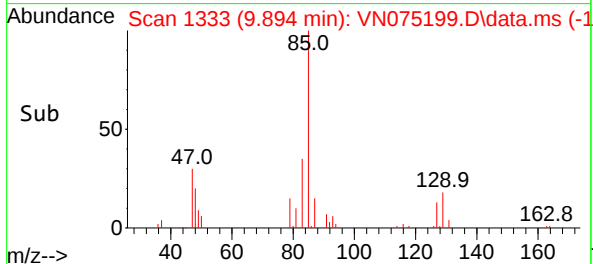
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



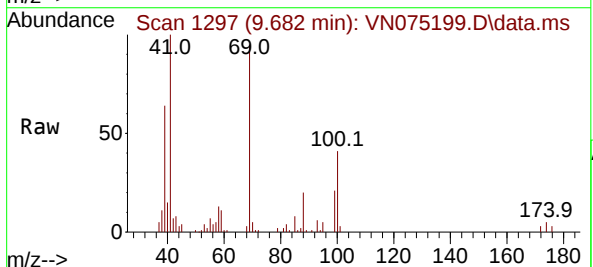
Tgt Ion: 83 Resp: 102260
Ion Ratio Lower Upper
83 100
85 61.1 52.1 78.1
127 7.7 6.6 10.0

Manual Integrations
APPROVED

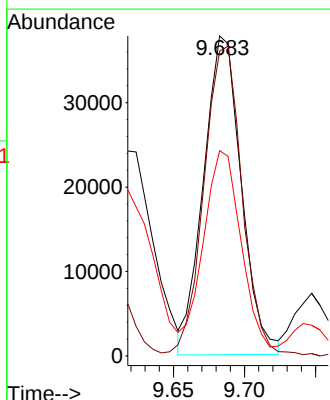
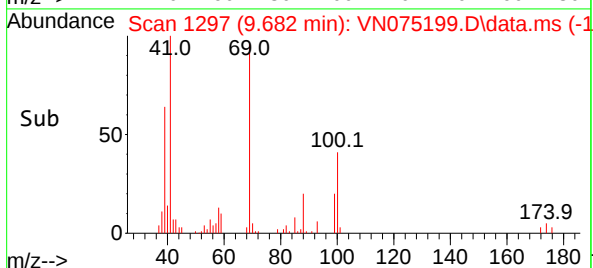
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022

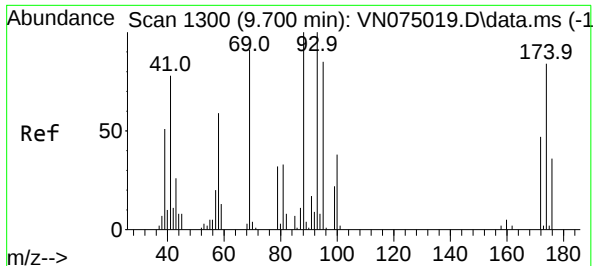


#48
Methyl methacrylate
Concen: 47.857 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47



Tgt Ion: 41 Resp: 69884
Ion Ratio Lower Upper
41 100
69 98.4 80.2 120.2
39 65.3 56.2 84.2





#49

1,4-Dioxane

Concen: 1026.184 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN075199.D

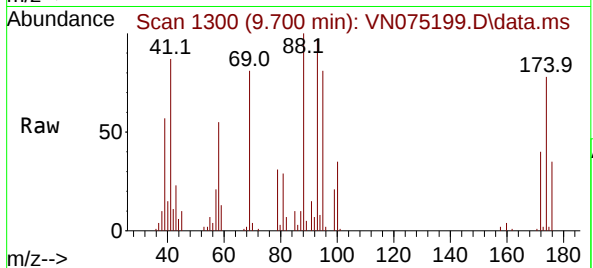
Acq: 07 Nov 2022 19:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 88 Resp: 39240

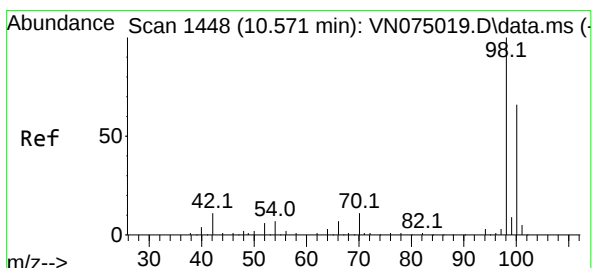
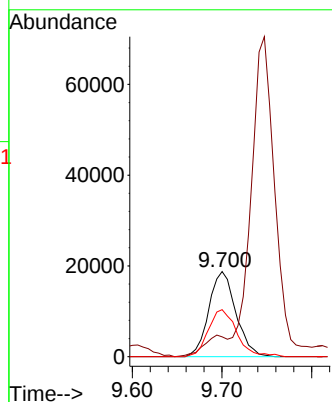
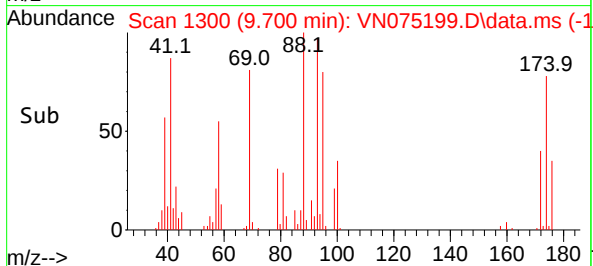
Ion	Ratio	Lower	Upper
88	100		
43	21.7	17.5	26.3
58	58.3	49.8	74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2022

Supervised By :Mahesh Dadoda 11/08/2022



#50

Toluene-d8

Concen: 50.600 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075199.D

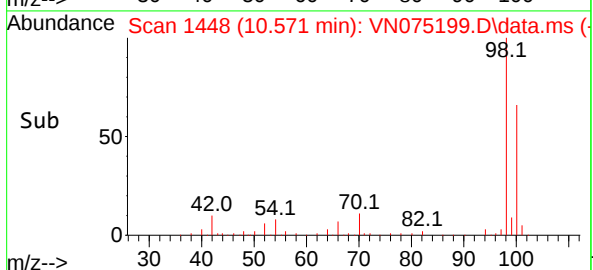
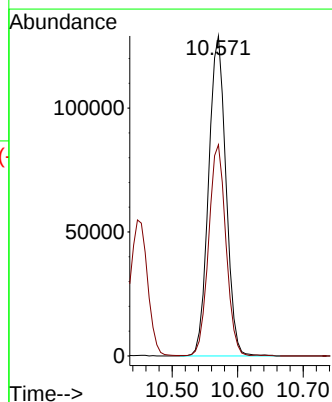
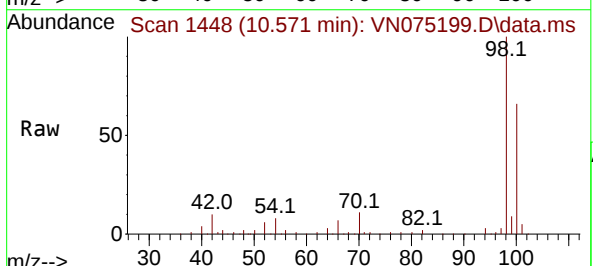
Acq: 07 Nov 2022 19:47

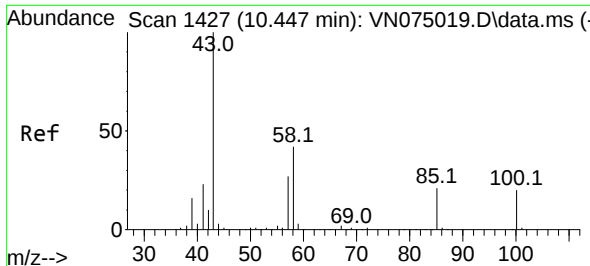
Tgt Ion: 98 Resp: 237298

Ion Ratio Lower Upper

98 100

100 65.5 53.0 79.6





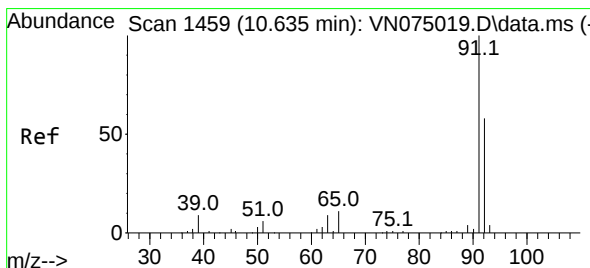
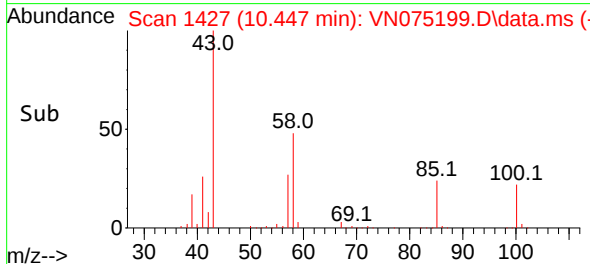
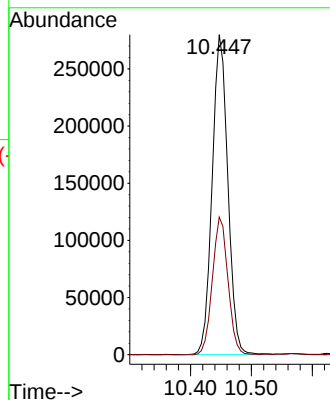
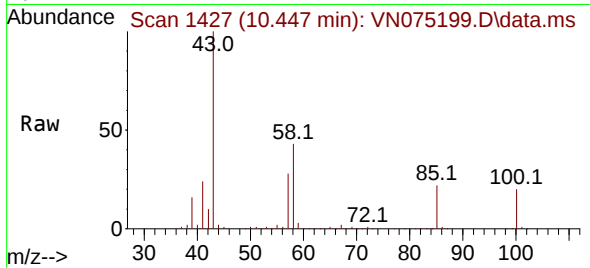
#51
4-Methyl-2-Pentanone
Concen: 243.611 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 500438
Ion Ratio Lower Upper
43 100
58 42.6 33.6 50.4

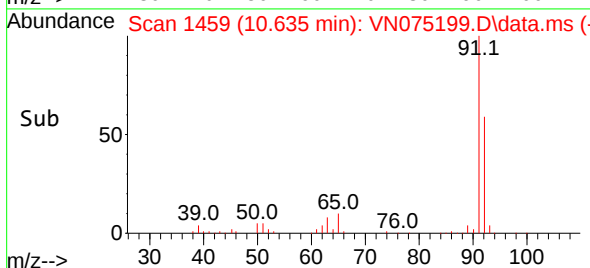
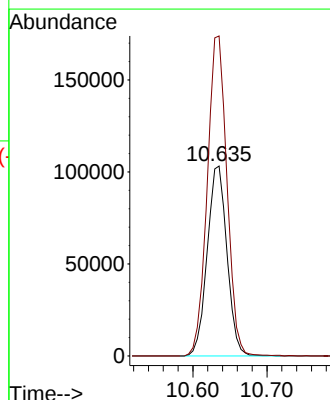
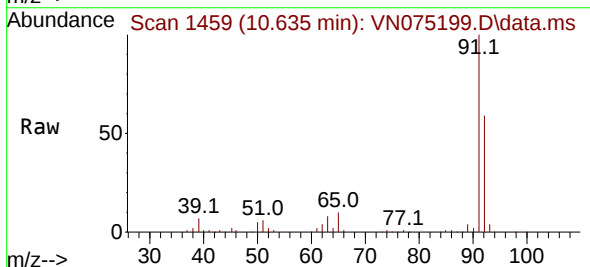
Manual Integrations
APPROVED

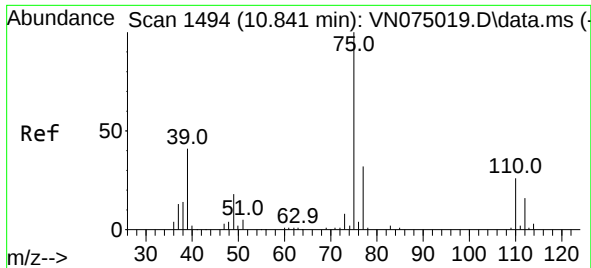
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#52
Toluene
Concen: 49.903 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

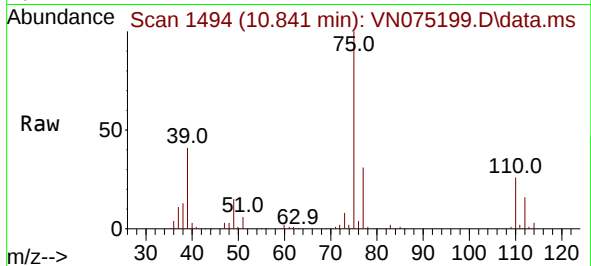
Tgt Ion: 92 Resp: 191140
Ion Ratio Lower Upper
92 100
91 168.3 135.4 203.2





#53
t-1,3-Dichloropropene
Concen: 49.794 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

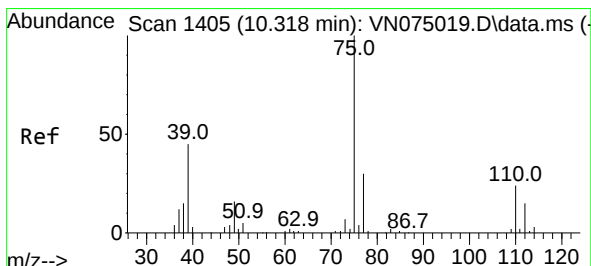
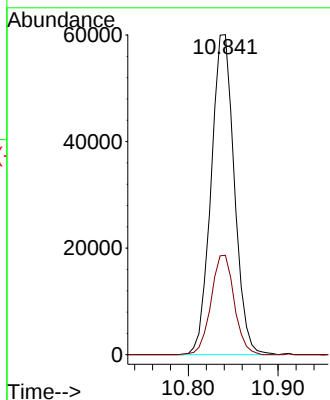
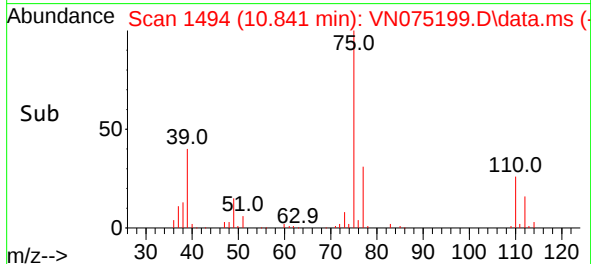
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 108128
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.2

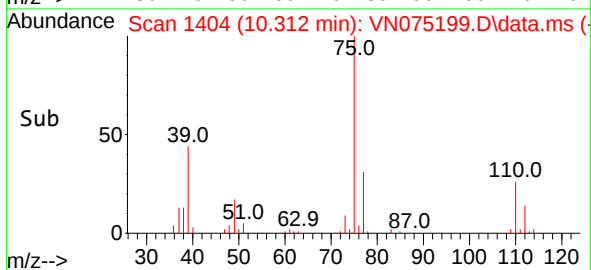
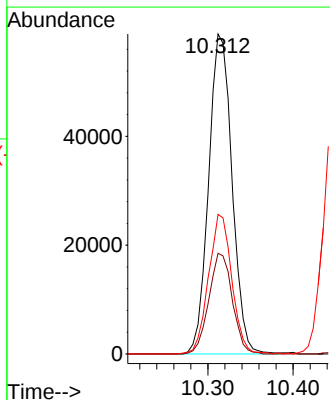
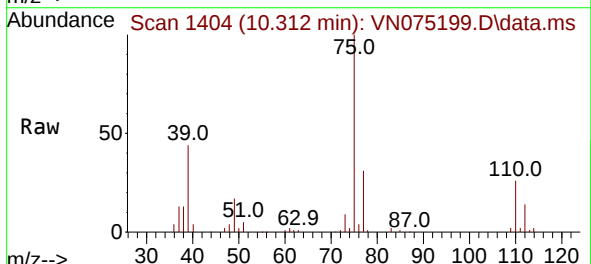
Manual Integrations
APPROVED

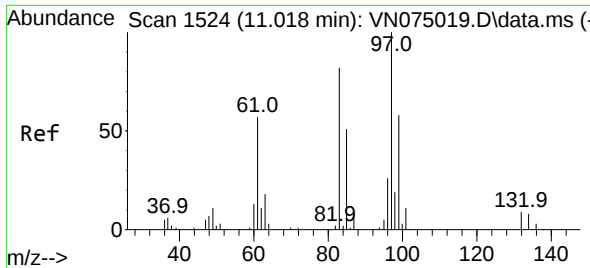
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#54
cis-1,3-Dichloropropene
Concen: 48.743 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.006 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

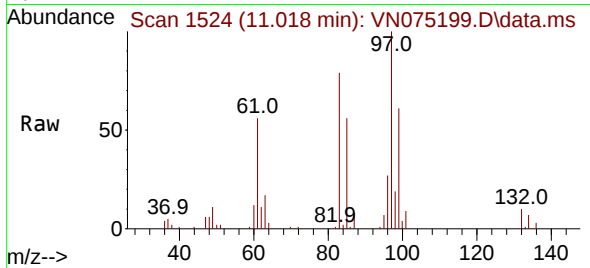
Tgt Ion: 75 Resp: 112263
Ion Ratio Lower Upper
75 100
77 31.4 23.7 35.5
39 43.6 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 51.033 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

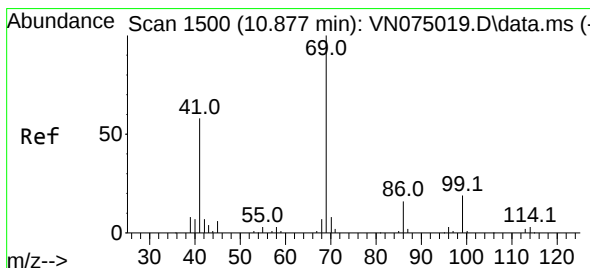
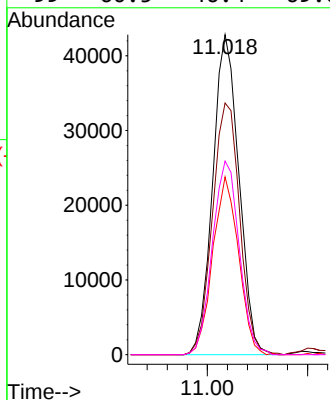
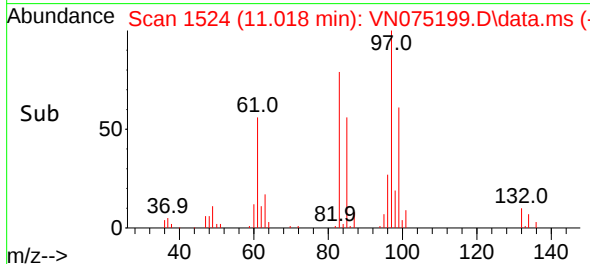
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



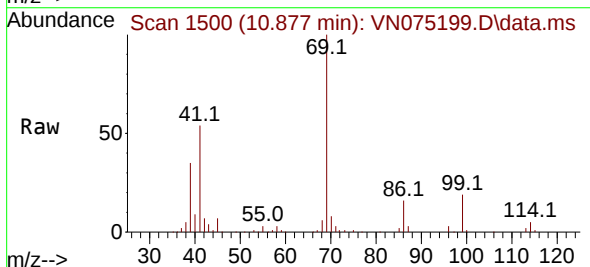
Tgt Ion:	97	Resp:	7750
Ion Ratio	Lower	Upper	
97	100		
83	78.7	65.9	98.9
85	55.5	40.4	60.6
99	60.5	46.4	69.6

Manual Integrations
APPROVED

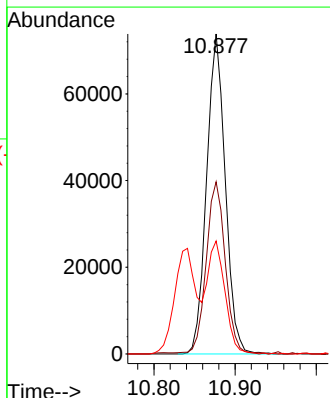
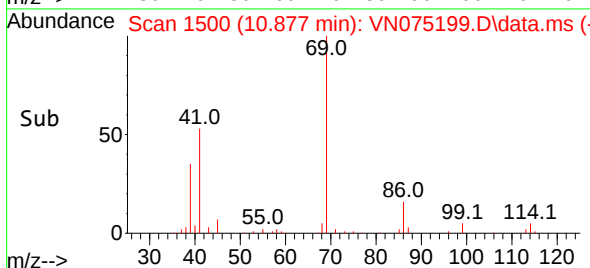
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022

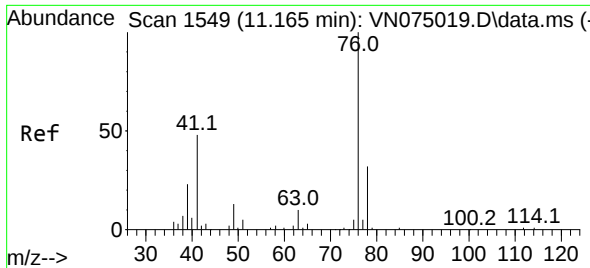


#56
Ethyl methacrylate
Concen: 50.826 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47



Tgt Ion:	69	Resp:	117746
Ion Ratio	Lower	Upper	
69	100		
41	55.0	45.6	68.4
39	33.3	28.5	42.7





#57

1,3-Dichloropropane

Concen: 50.137 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN075199.D

Acq: 07 Nov 2022 19:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 126800

Ion Ratio Lower Upper

76 100

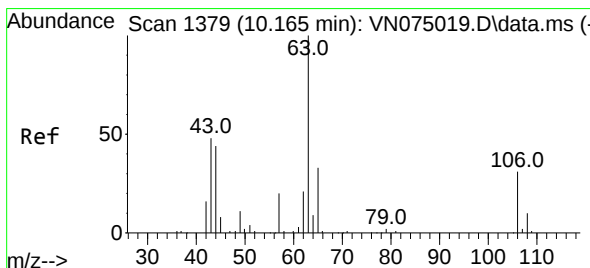
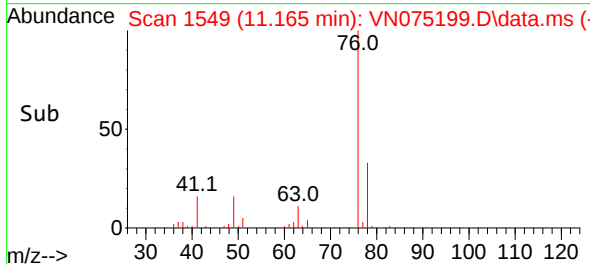
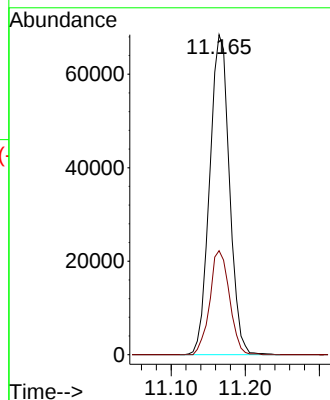
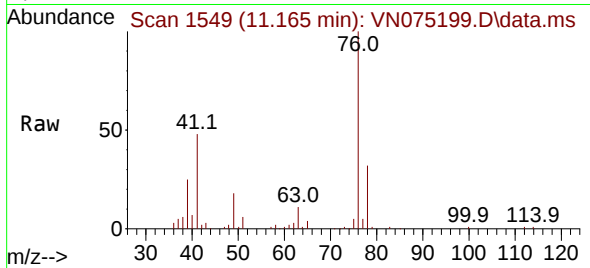
78 32.4 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2022

Supervised By :Mahesh Dadoda 11/08/2022



#58

2-Chloroethyl Vinyl ether

Concen: 236.911 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN075199.D

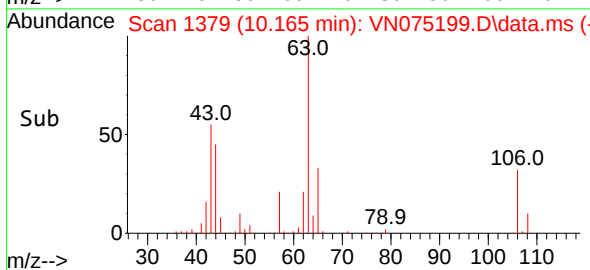
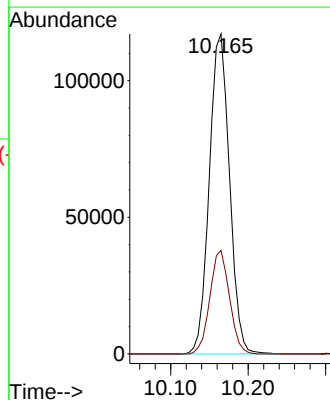
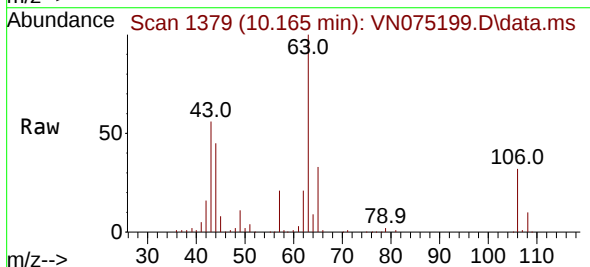
Acq: 07 Nov 2022 19:47

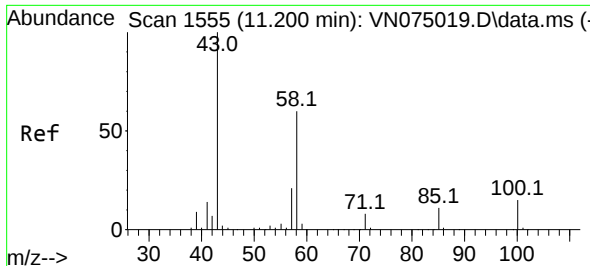
Tgt Ion: 63 Resp: 212178

Ion Ratio Lower Upper

63 100

106 31.3 24.8 37.2





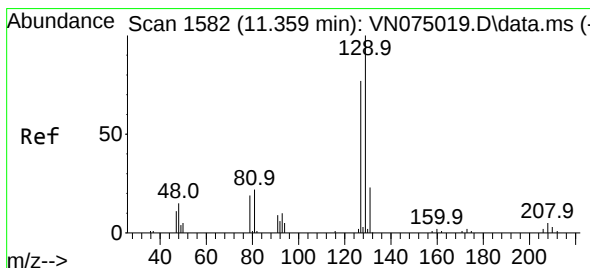
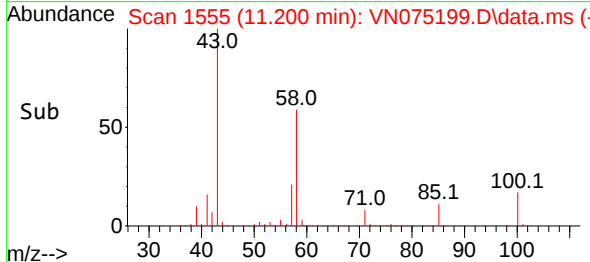
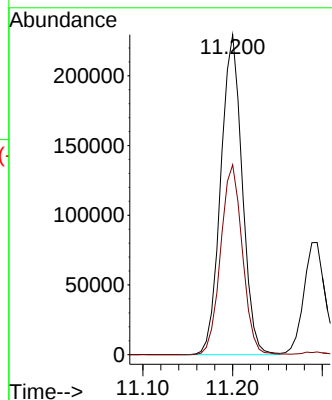
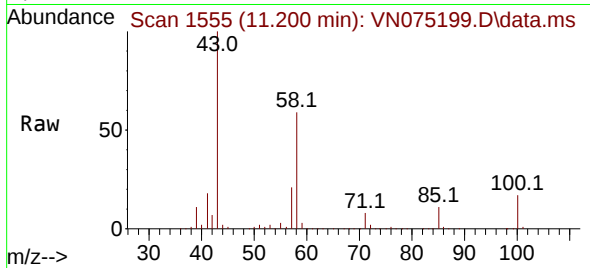
#59
2-Hexanone
Concen: 244.119 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 38060
Ion Ratio Lower Upper
43 100
58 60.1 29.6 88.8

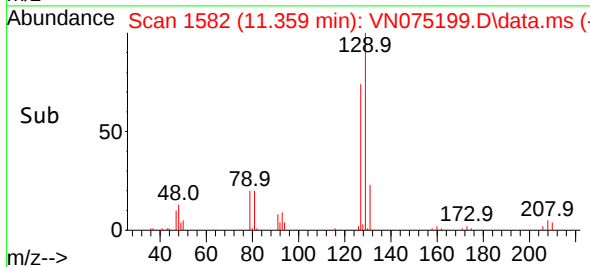
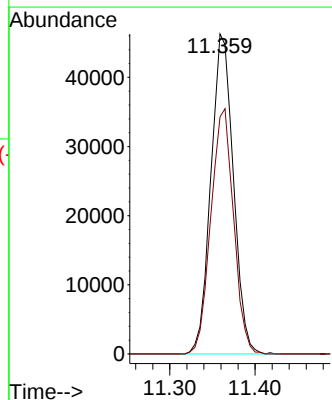
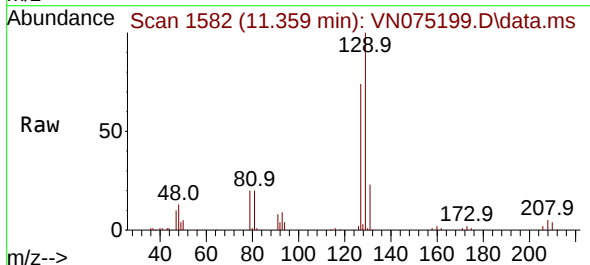
Manual Integrations
APPROVED

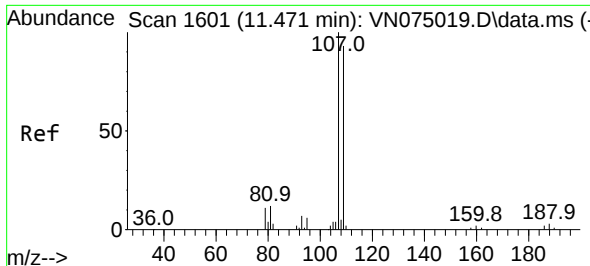
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#60
Dibromochloromethane
Concen: 52.818 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

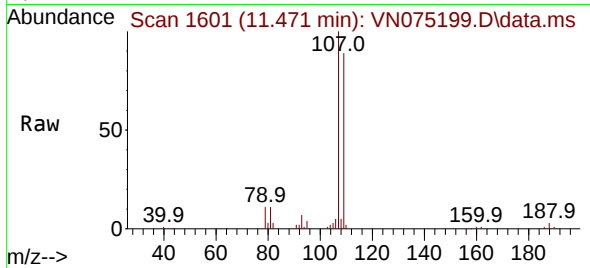
Tgt Ion:129 Resp: 84631
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.8





#61
1,2-Dibromoethane
Concen: 51.938 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

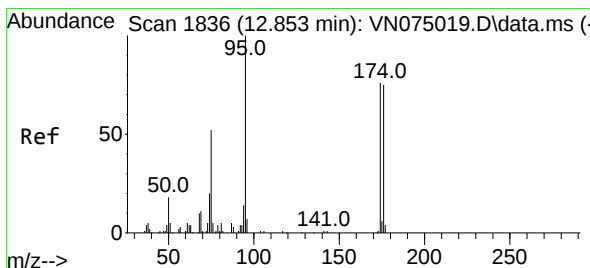
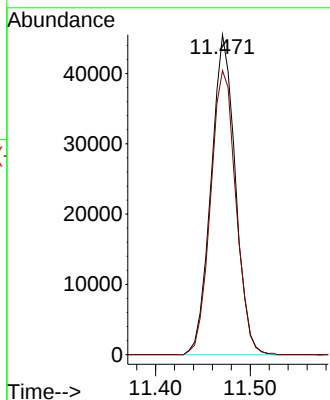
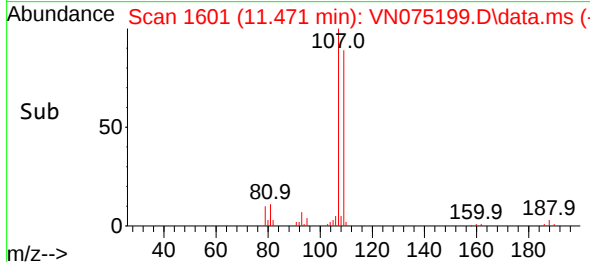
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



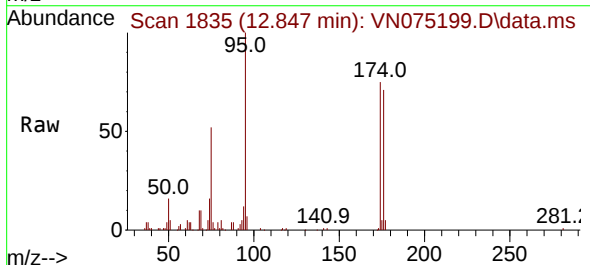
Tgt Ion:107 Resp: 8083
Ion Ratio Lower Upper
107 100
109 92.8 75.6 113.4

Manual Integrations
APPROVED

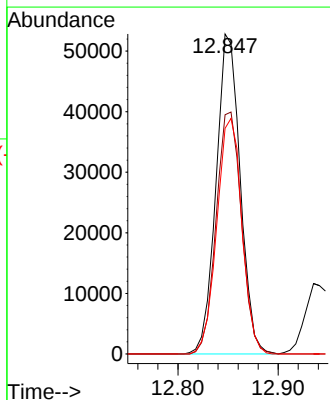
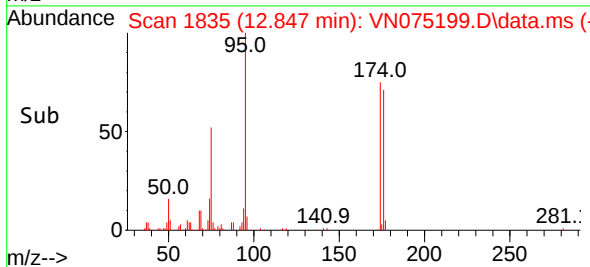
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022

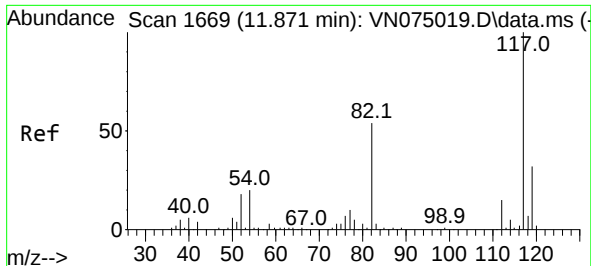


#62
4-Bromofluorobenzene
Concen: 53.593 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47



Tgt Ion: 95 Resp: 88288
Ion Ratio Lower Upper
95 100
174 79.2 0.0 147.4
176 76.4 0.0 142.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN075199.D

Acq: 07 Nov 2022 19:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:117 Resp: 18947

Ion Ratio Lower Upper

117 100

82 54.5 43.1 64.7

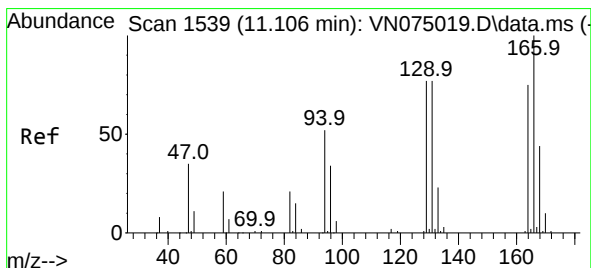
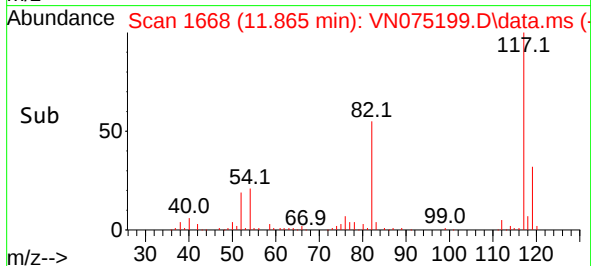
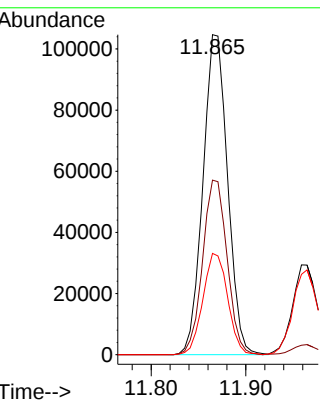
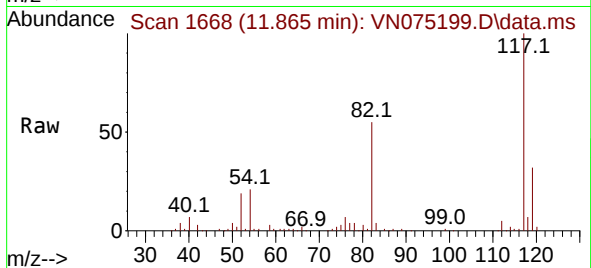
119 31.7 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2022

Supervised By :Mahesh Dadoda 11/08/2022



#64

Tetrachloroethene

Concen: 49.214 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN075199.D

Acq: 07 Nov 2022 19:47

Tgt Ion:164 Resp: 57168

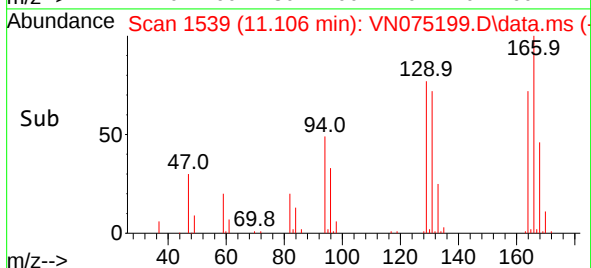
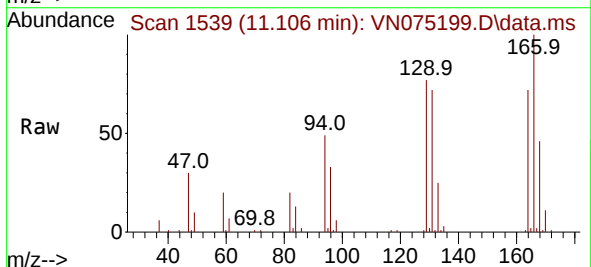
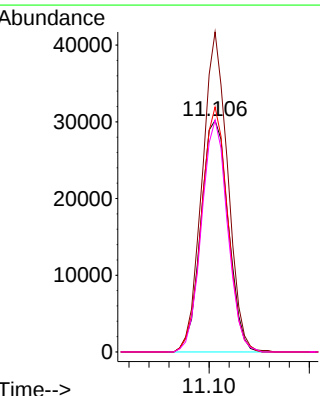
Ion Ratio Lower Upper

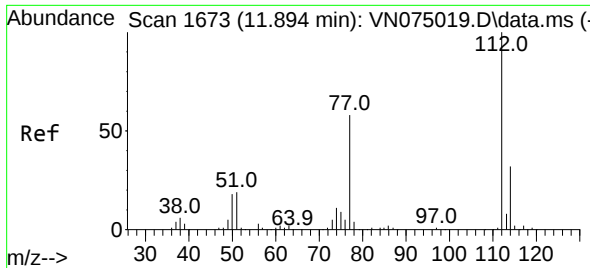
164 100

166 138.2 106.5 159.7

129 105.8 81.9 122.9

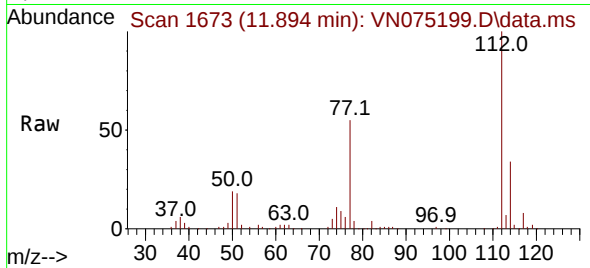
131 100.2 81.4 122.2





#65
Chlorobenzene
Concen: 49.930 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

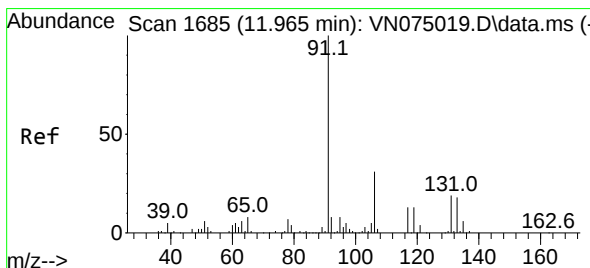
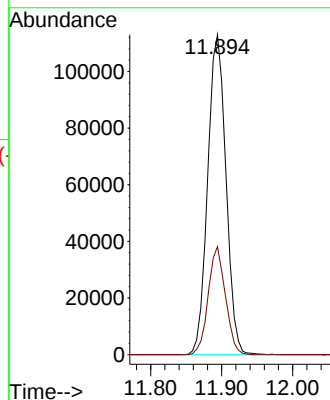
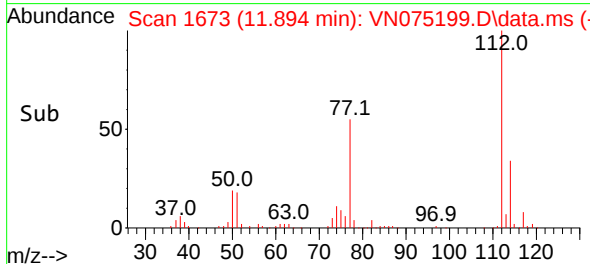
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



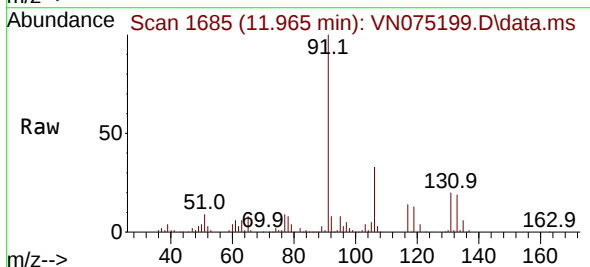
Tgt Ion:112 Resp: 201930
Ion Ratio Lower Upper
112 100
114 33.8 25.4 38.2

Manual Integrations
APPROVED

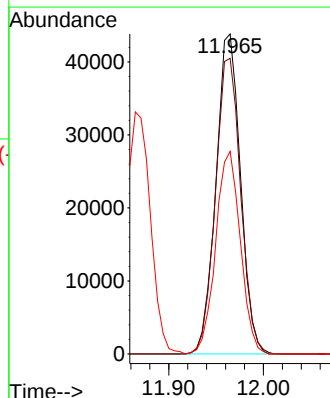
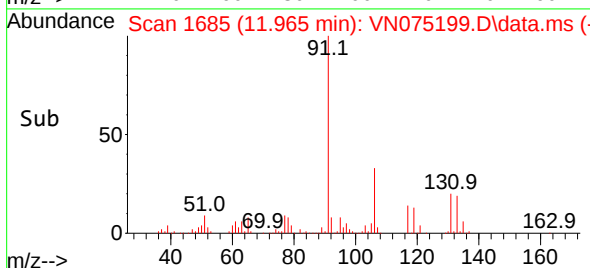
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022

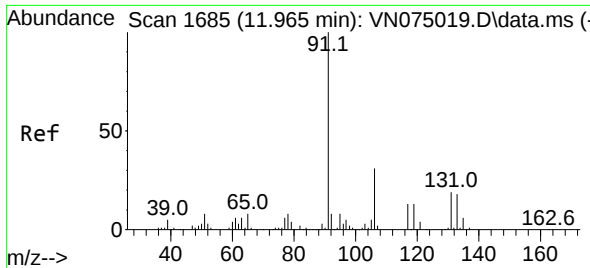


#66
1,1,1,2-Tetrachloroethane
Concen: 52.594 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47



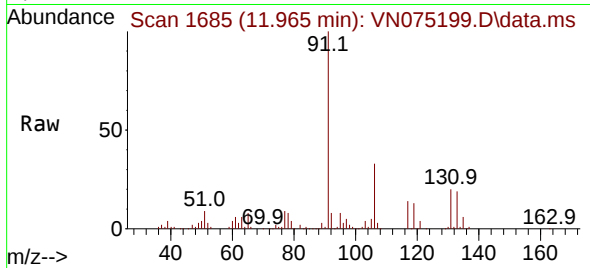
Tgt Ion:131 Resp: 78906
Ion Ratio Lower Upper
131 100
133 94.8 47.8 143.4
119 63.7 33.0 99.0





#67
Ethyl Benzene
Concen: 49.970 ug/l
RT: 11.965 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

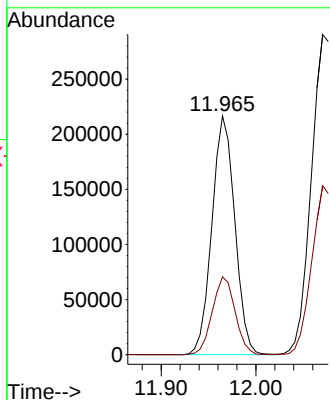
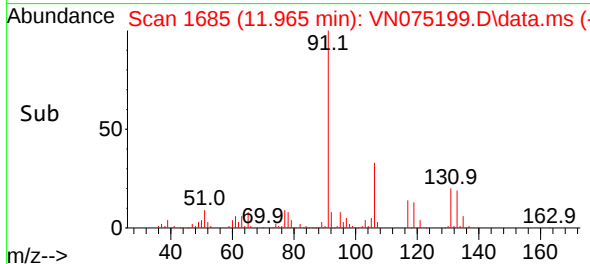
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



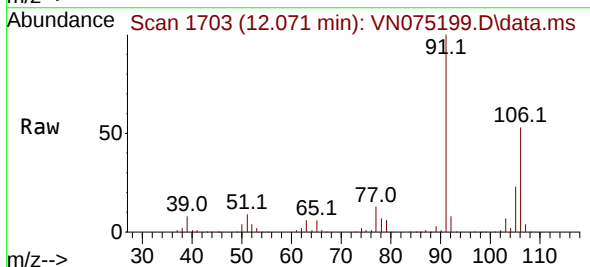
Tgt Ion: 91 Resp: 363600
Ion Ratio Lower Upper
91 100
106 32.7 24.9 37.3

Manual Integrations
APPROVED

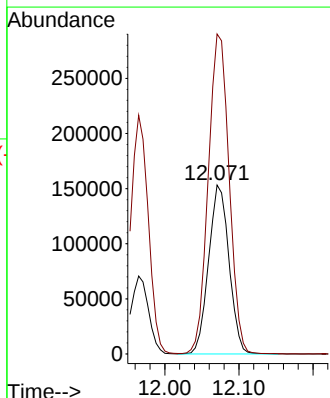
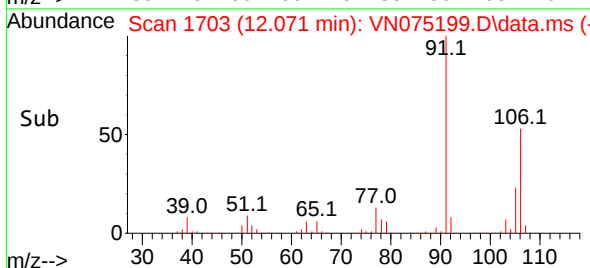
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022

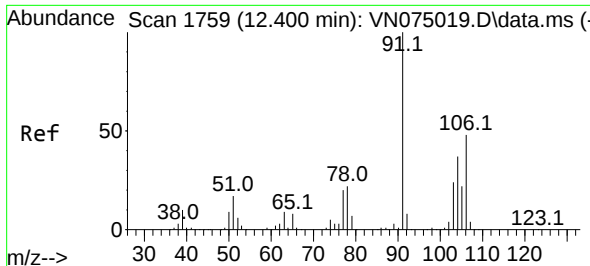


#68
m/p-Xylenes
Concen: 100.478 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.005 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47



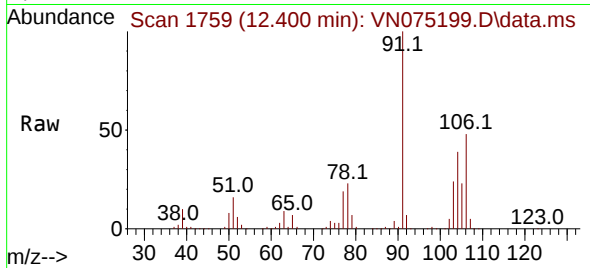
Tgt Ion:106 Resp: 293357
Ion Ratio Lower Upper
106 100
91 193.8 156.0 234.0





#69
o-Xylene
Concen: 50.422 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

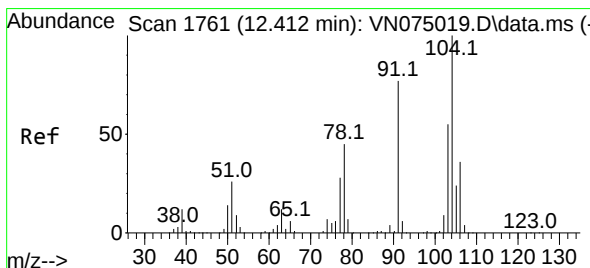
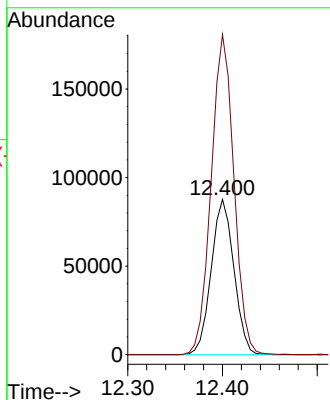
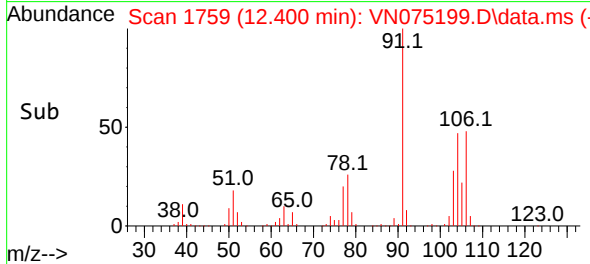
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 145580
Ion Ratio Lower Upper
106 100
91 207.1 105.2 315.5

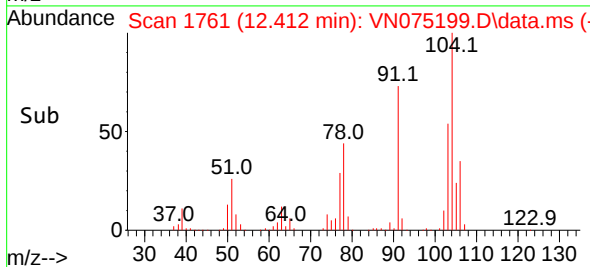
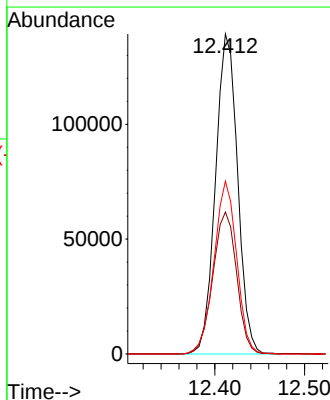
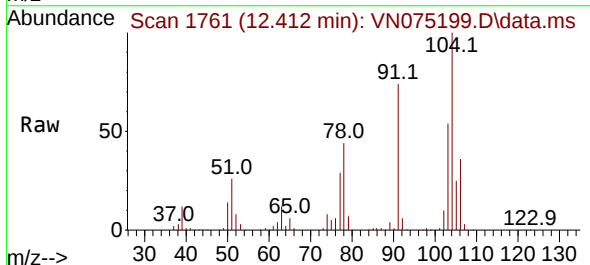
Manual Integrations
APPROVED

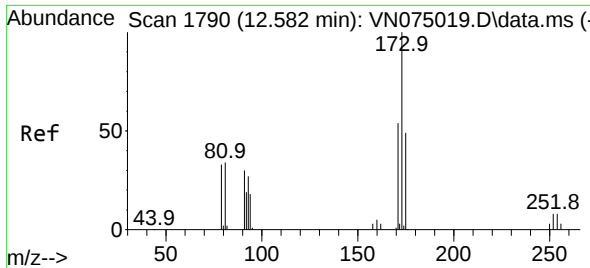
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#70
Styrene
Concen: 51.801 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

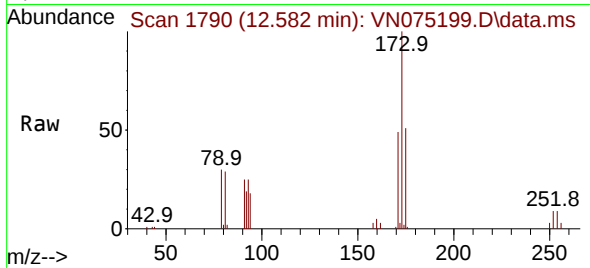
Tgt Ion:104 Resp: 238484
Ion Ratio Lower Upper
104 100
78 47.7 38.1 57.1
103 55.4 44.6 66.8





#71
Bromoform
Concen: 53.496 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

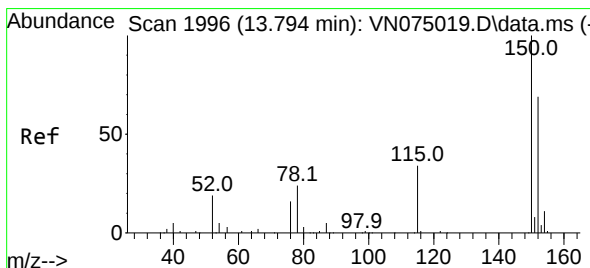
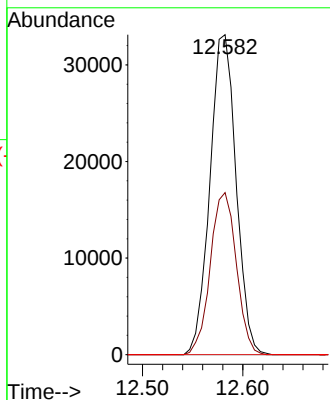
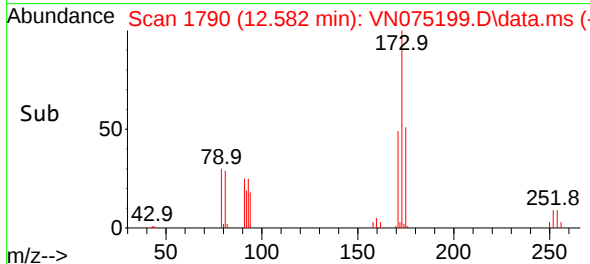
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



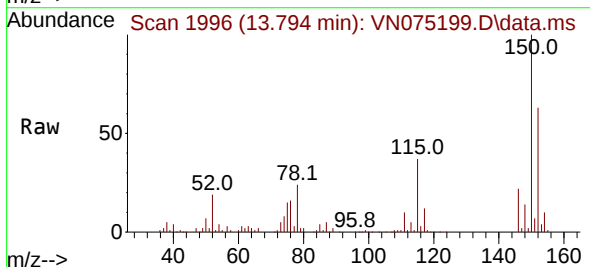
Tgt Ion:173 Resp: 60090
Ion Ratio Lower Upper
173 100
175 50.4 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

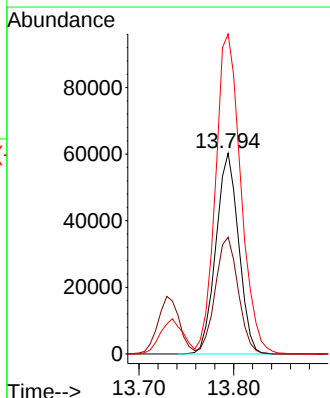
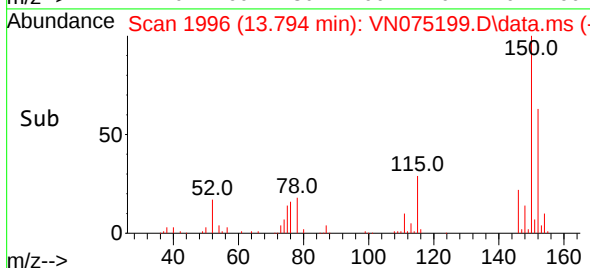
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022

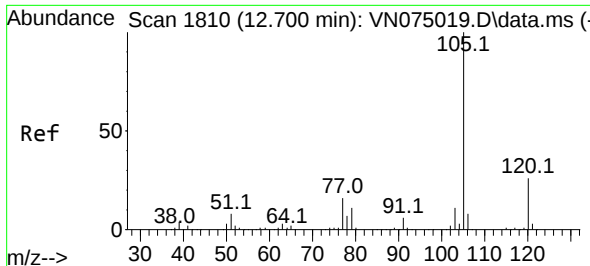


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47



Tgt Ion:152 Resp: 100290
Ion Ratio Lower Upper
152 100
115 59.0 30.2 90.6
150 177.7 0.0 348.4





#73
Isopropylbenzene
Concen: 47.040 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

Instrument :

MSVOA_N

ClientSampleId :

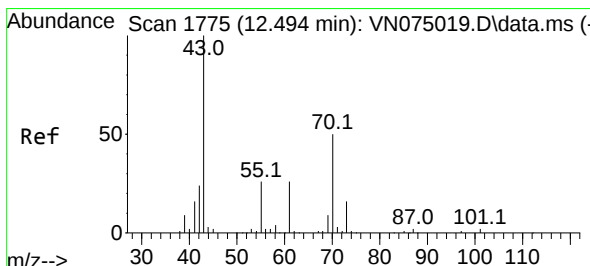
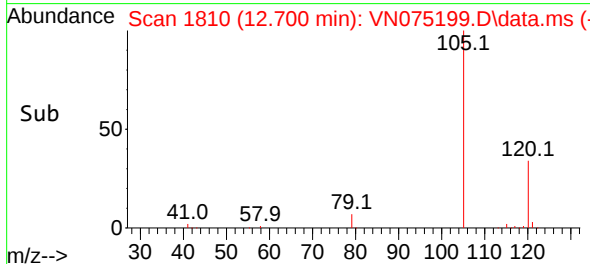
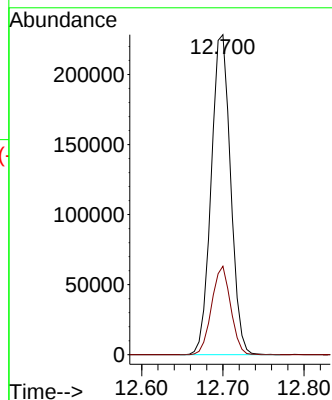
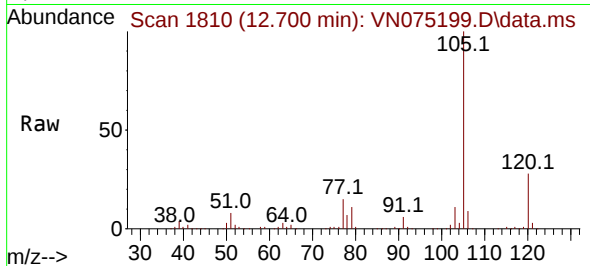
VSTDCCC050EC

Tgt Ion:105 Resp: 378740
Ion Ratio Lower Upper
105 100
120 27.1 13.1 39.1

Manual Integrations

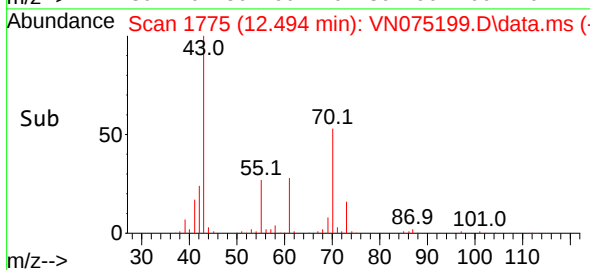
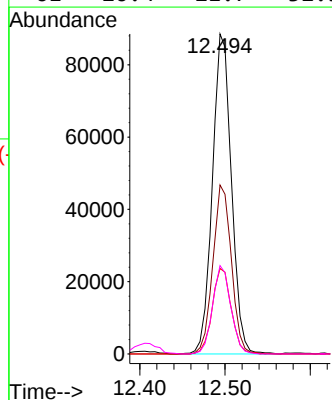
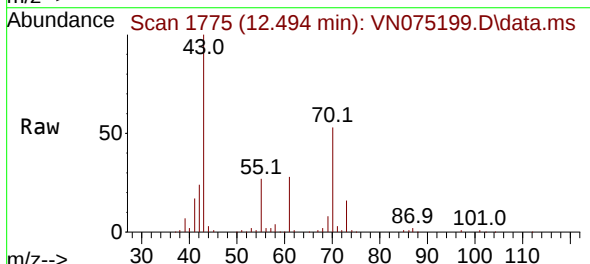
APPROVED

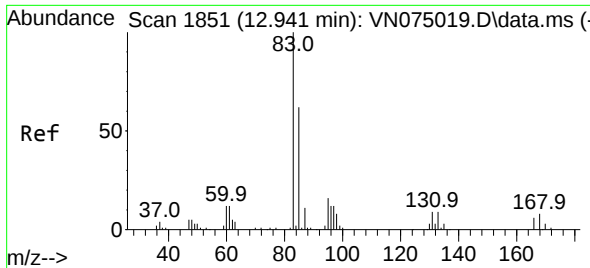
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#74
N-ethyl acetate
Concen: 46.186 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

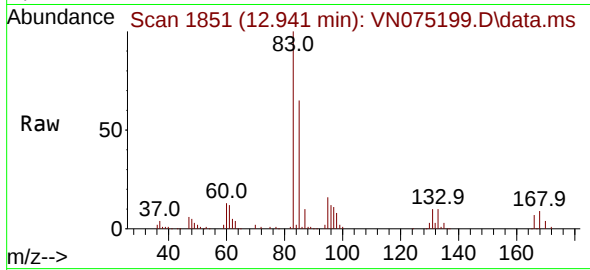
Tgt Ion: 43 Resp: 137533
Ion Ratio Lower Upper
43 100
70 51.5 39.8 59.8
55 26.7 19.9 29.9
61 26.4 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 53.552 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

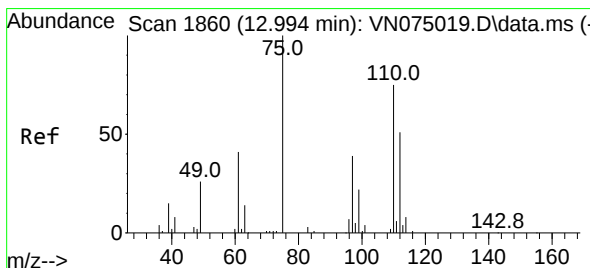
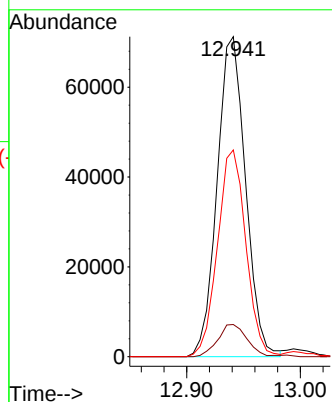
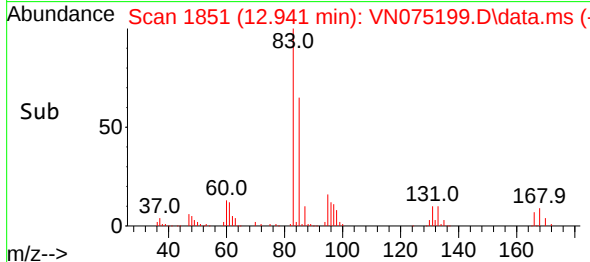
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 12399
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.3
85 64.3 31.6 94.7

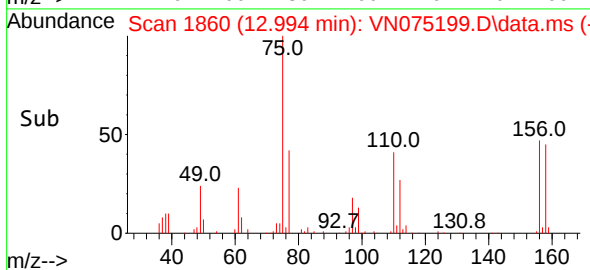
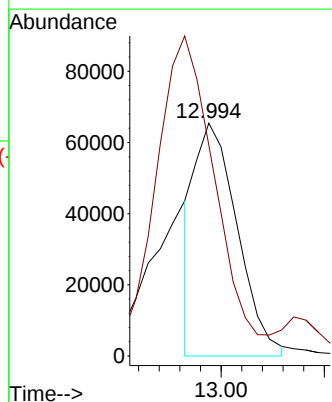
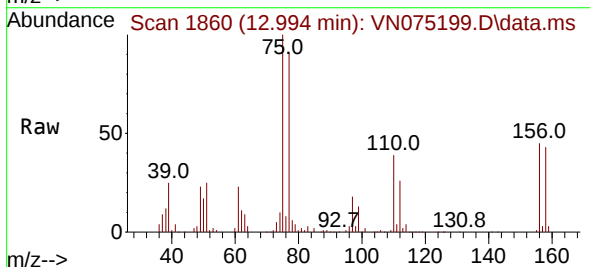
Manual Integrations
APPROVED

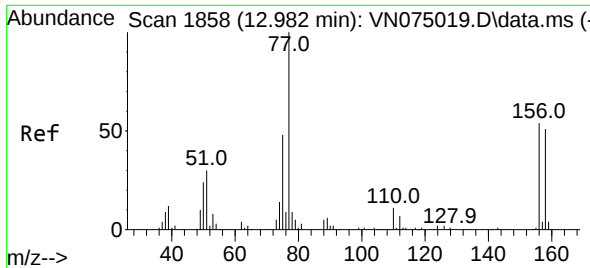
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#76
1,2,3-Trichloropropane
Concen: 44.002 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

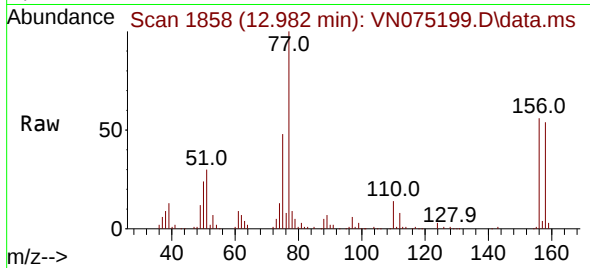
Tgt Ion: 75 Resp: 93699
Ion Ratio Lower Upper
75 100
77 192.6 75.6 226.8





#77
Bromobenzene
Concen: 49.034 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

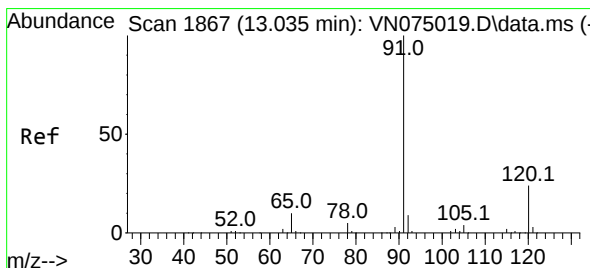
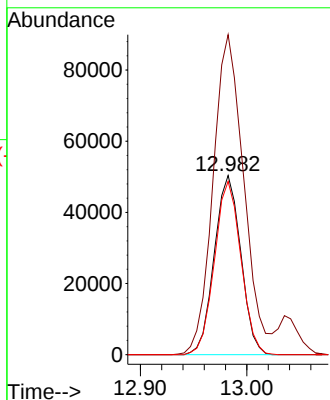
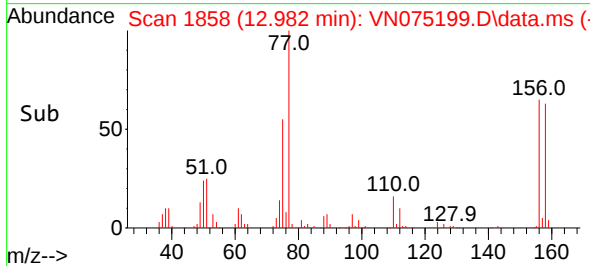
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



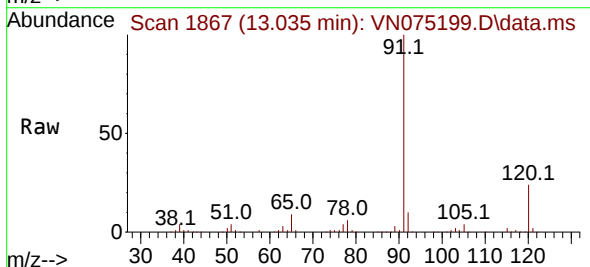
Tgt Ion:156 Resp: 86928
Ion Ratio Lower Upper
156 100
77 207.7 108.5 325.5
158 96.5 47.7 143.1

Manual Integrations
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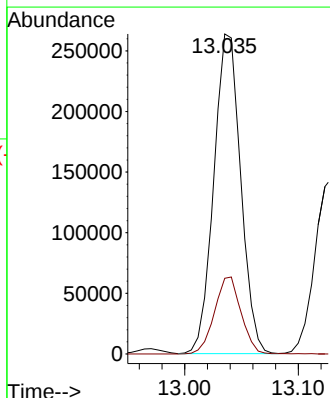
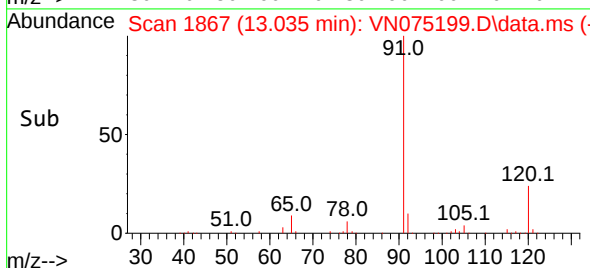
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022

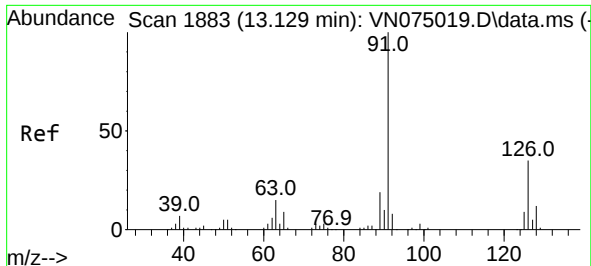


#78
n-propylbenzene
Concen: 48.057 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47



Tgt Ion: 91 Resp: 434416
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5





#79

2-Chlorotoluene

Concen: 46.974 ug/l

RT: 13.129 min Scan# 1883

Delta R.T. 0.000 min

Lab File: VN075199.D

Acq: 07 Nov 2022 19:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 25948

Ion Ratio Lower Upper

91 100

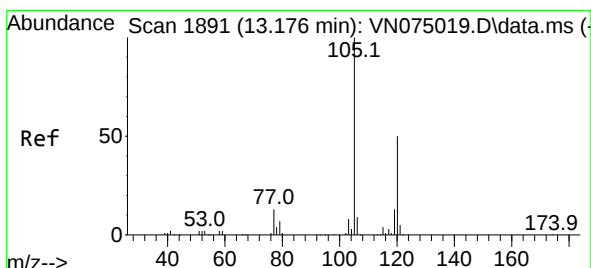
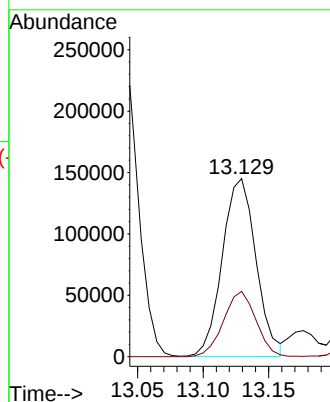
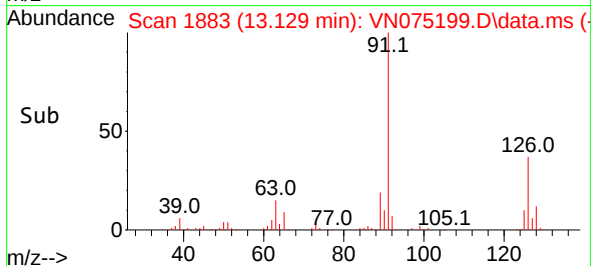
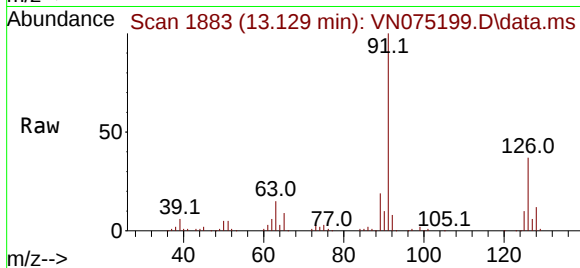
126 35.3 16.9 50.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2022

Supervised By :Mahesh Dadoda 11/08/2022



#80

1,3,5-Trimethylbenzene

Concen: 48.417 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN075199.D

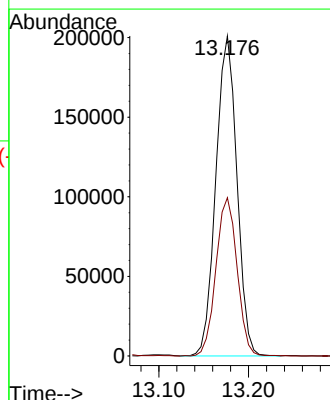
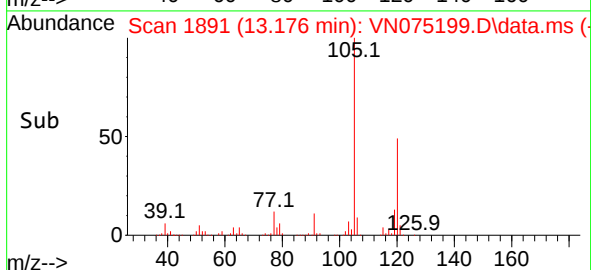
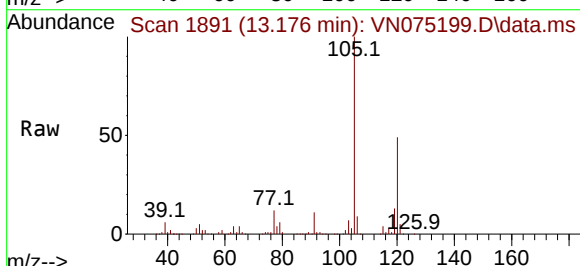
Acq: 07 Nov 2022 19:47

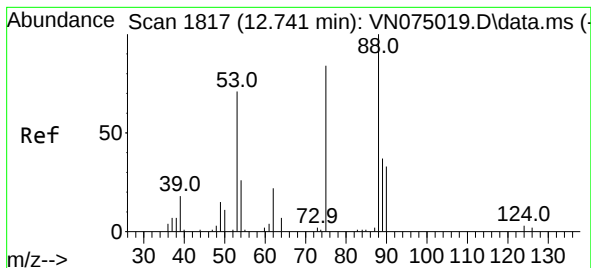
Tgt Ion:105 Resp: 327425

Ion Ratio Lower Upper

105 100

120 49.7 24.7 74.1





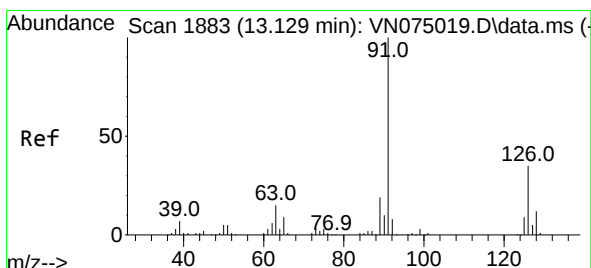
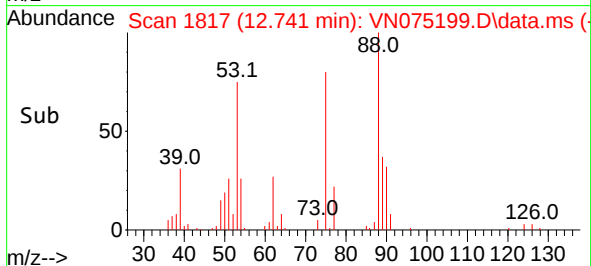
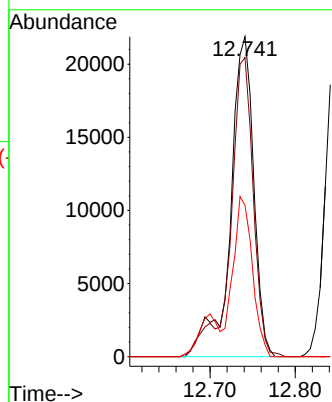
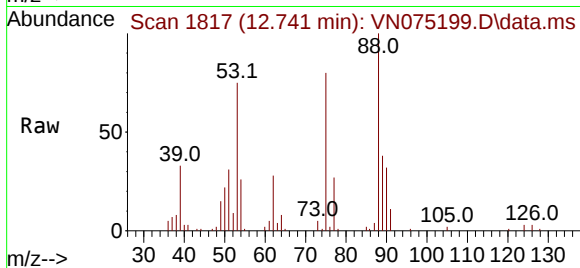
#81
trans-1,4-Dichloro-2-butene
Concen: 50.322 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 41744
Ion Ratio Lower Upper
75 100
53 91.2 78.5 117.7
89 42.0 37.7 56.5

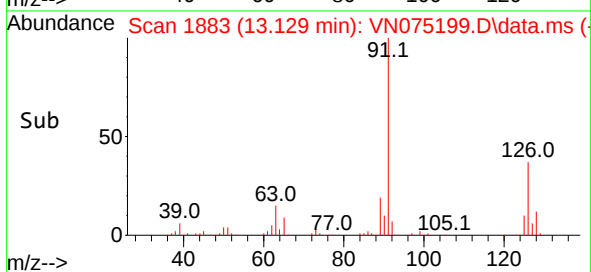
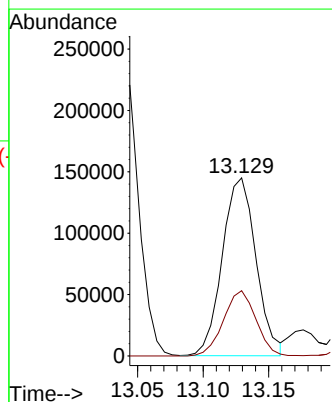
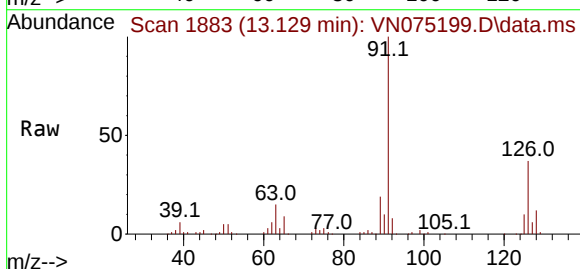
Manual Integrations
APPROVED

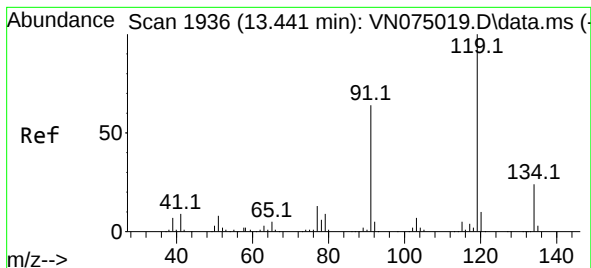
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#82
4-Chlorotoluene
Concen: 46.974 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

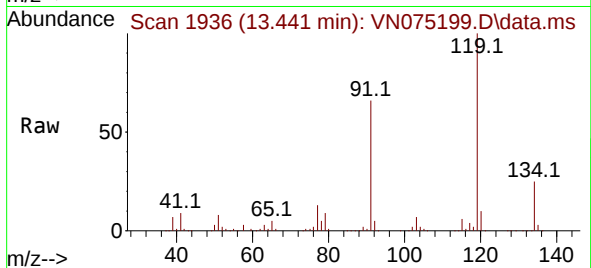
Tgt Ion: 91 Resp: 259481
Ion Ratio Lower Upper
91 100
126 35.3 16.9 50.7





#83
tert-Butylbenzene
Concen: 48.648 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

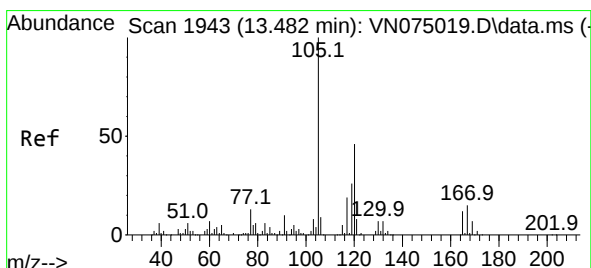
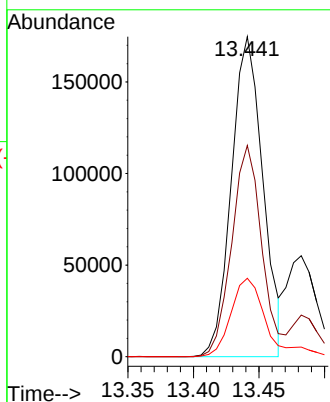
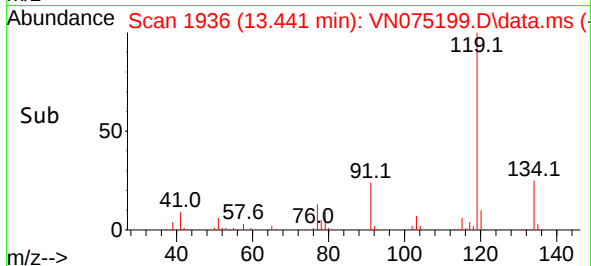
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



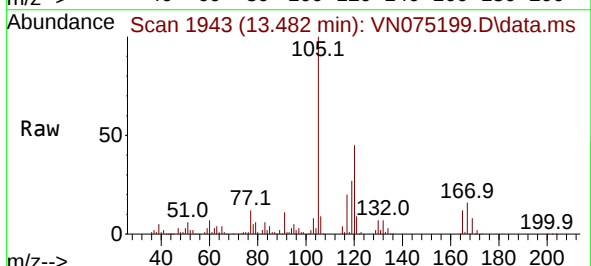
Tgt Ion:119 Resp: 292329
Ion Ratio Lower Upper
119 100
91 63.7 32.8 98.4
134 27.4 12.3 36.9

Manual Integrations
APPROVED

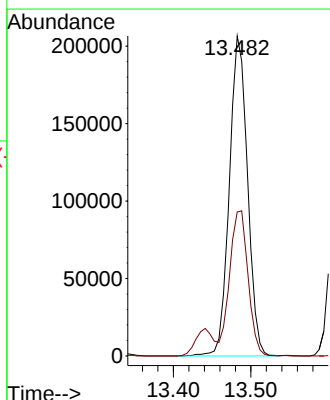
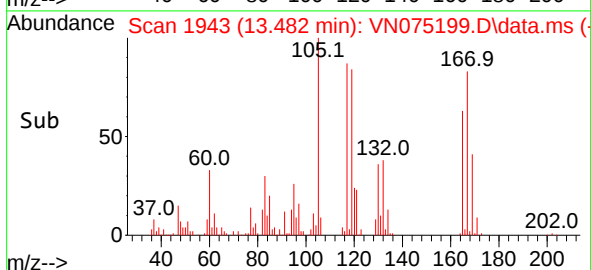
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022

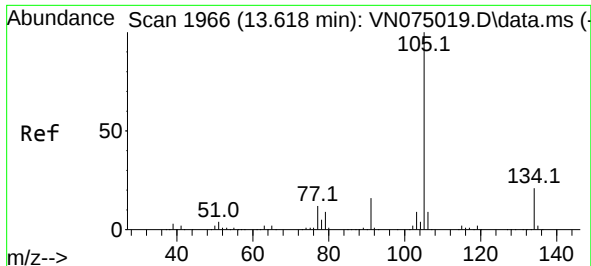


#84
1,2,4-Trimethylbenzene
Concen: 49.292 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47



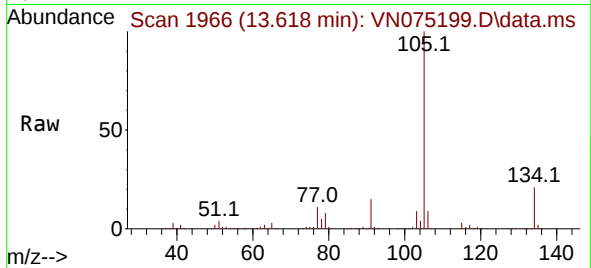
Tgt Ion:105 Resp: 337268
Ion Ratio Lower Upper
105 100
120 45.9 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 49.294 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075199.D
 Acq: 07 Nov 2022 19:47

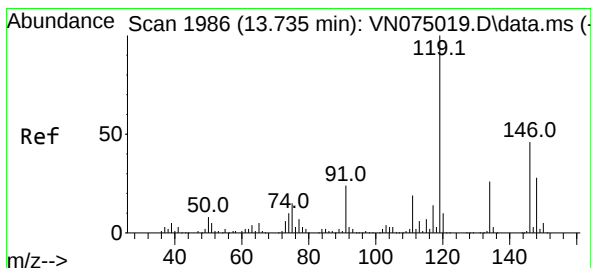
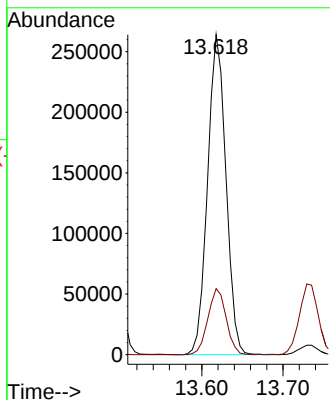
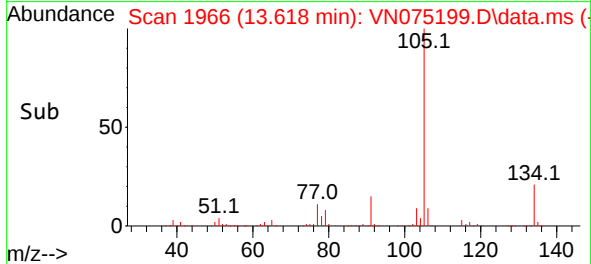
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



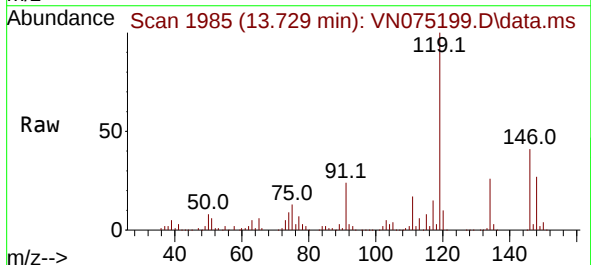
Tgt Ion:105 Resp: 41436
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6

Manual Integrations
 APPROVED

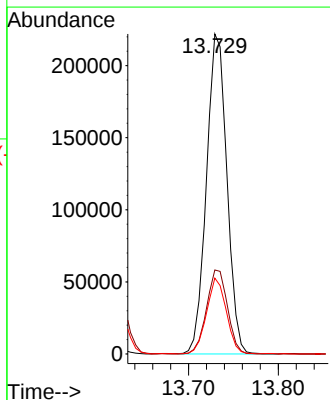
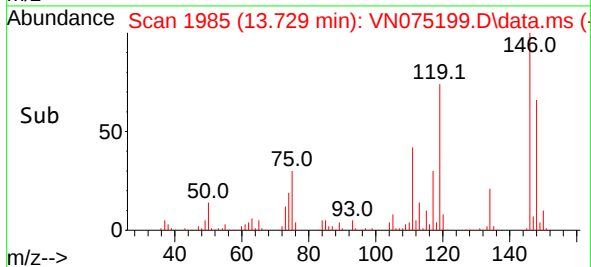
Reviewed By :John Carlone 11/08/2022
 Supervised By :Mahesh Dadoda 11/08/2022

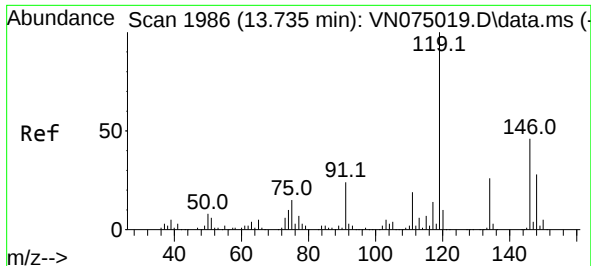


#86
 p-Isopropyltoluene
 Concen: 50.639 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075199.D
 Acq: 07 Nov 2022 19:47



Tgt Ion:119 Resp: 351551
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.1 39.3
 91 23.0 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 51.179 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075199.D

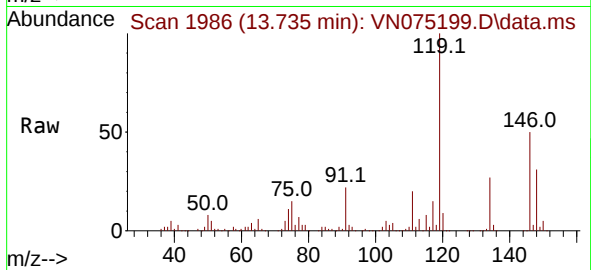
Acq: 07 Nov 2022 19:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 177649

Ion Ratio Lower Upper

146 100

111 39.8 20.8 62.5

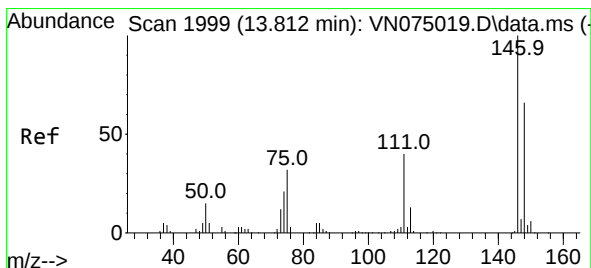
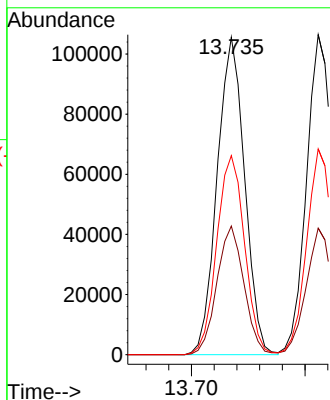
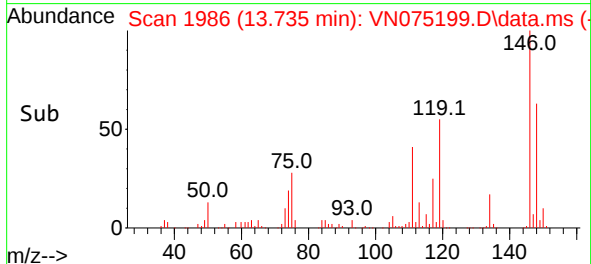
148 63.5 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2022

Supervised By :Mahesh Dadoda 11/08/2022



#88

1,4-Dichlorobenzene

Concen: 50.940 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN075199.D

Acq: 07 Nov 2022 19:47

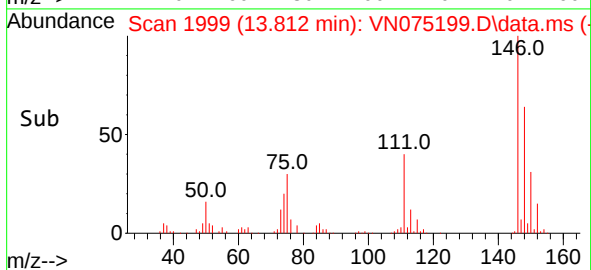
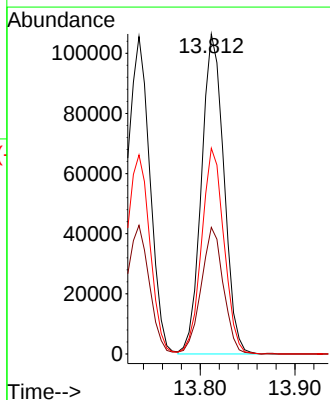
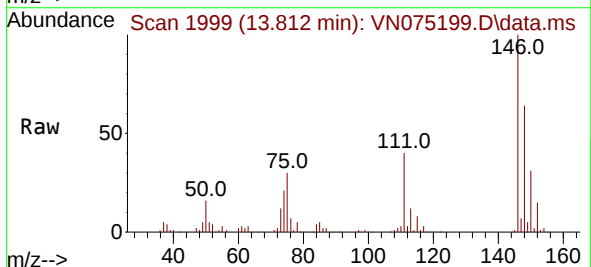
Tgt Ion:146 Resp: 174993

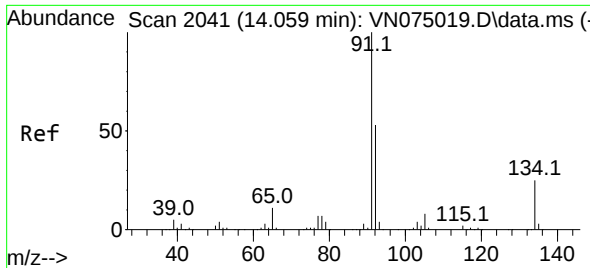
Ion Ratio Lower Upper

146 100

111 39.3 20.1 60.3

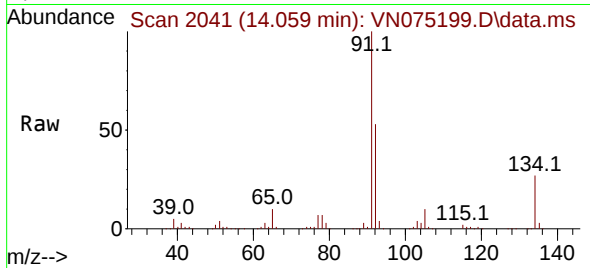
148 64.1 31.9 95.7





#89
n-Butylbenzene
Concen: 50.503 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

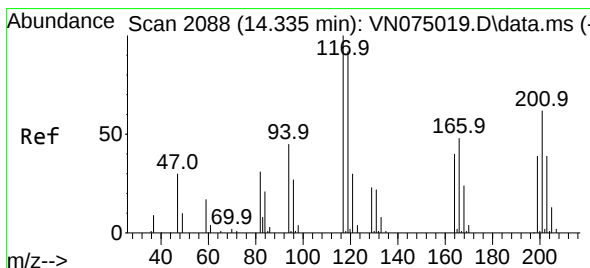
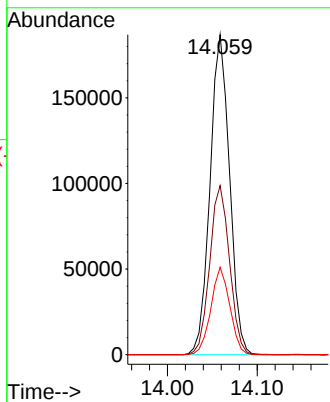
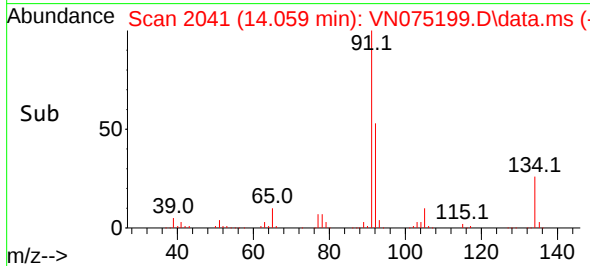
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 282330
Ion Ratio Lower Upper
91 100
92 53.6 26.5 79.4
134 26.5 13.0 39.0

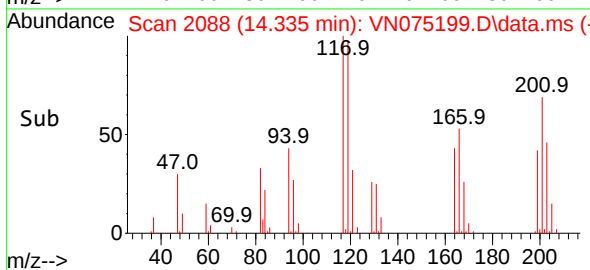
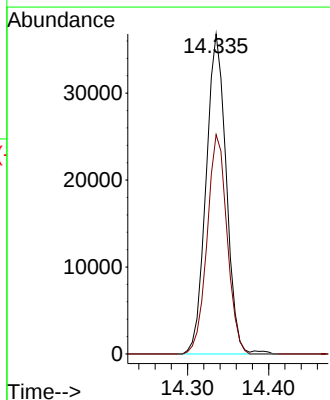
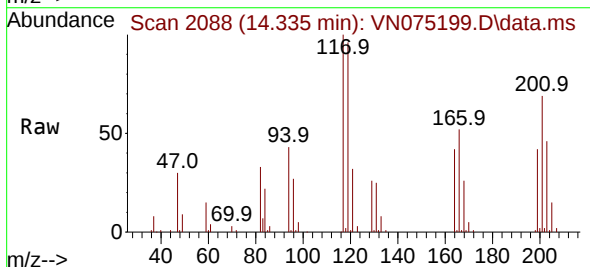
Manual Integrations
APPROVED

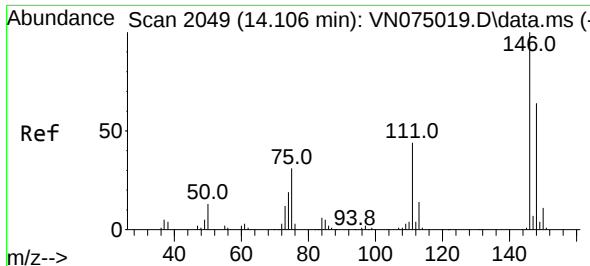
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#90
Hexachloroethane
Concen: 49.762 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

Tgt Ion:117 Resp: 63340
Ion Ratio Lower Upper
117 100
201 67.9 31.5 94.5





#91

1,2-Dichlorobenzene

Concen: 51.108 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

Lab File: VN075199.D

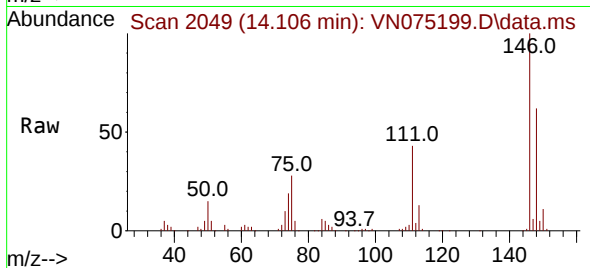
Acq: 07 Nov 2022 19:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 17636

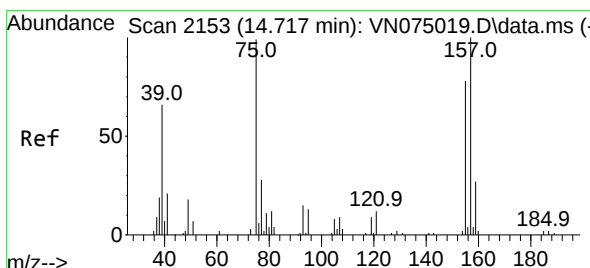
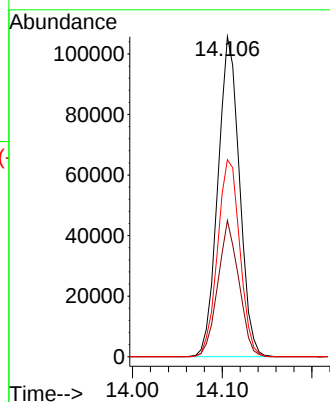
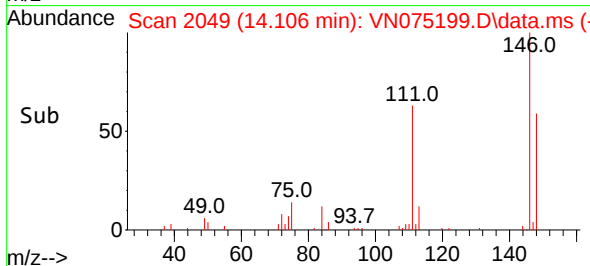
Ion	Ratio	Lower	Upper
146	100		
111	41.4	21.3	63.9
148	63.5	31.4	94.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2022

Supervised By :Mahesh Dadoda 11/08/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.533 ug/l

RT: 14.723 min Scan# 2154

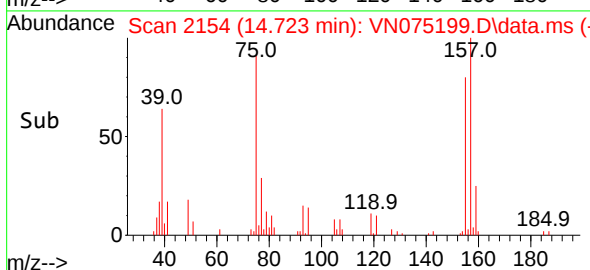
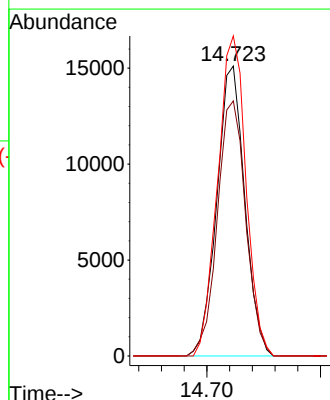
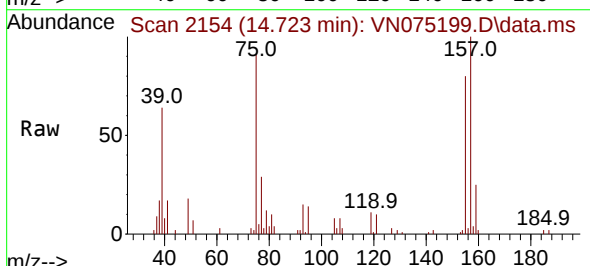
Delta R.T. 0.006 min

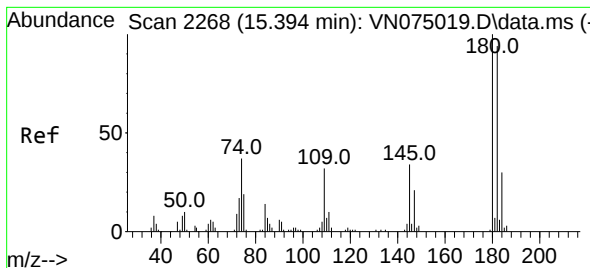
Lab File: VN075199.D

Acq: 07 Nov 2022 19:47

Tgt Ion: 75 Resp: 25815

Ion	Ratio	Lower	Upper
75	100		
155	89.3	42.1	126.3
157	111.8	51.7	155.1





#93

1,2,4-Trichlorobenzene

Concen: 55.278 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075199.D

Acq: 07 Nov 2022 19:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

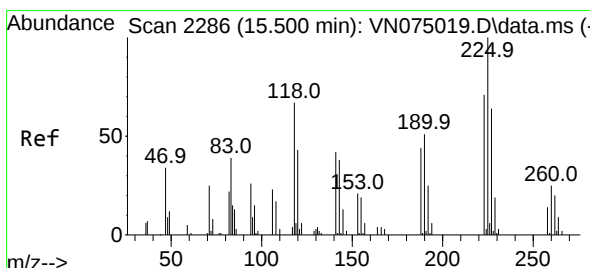
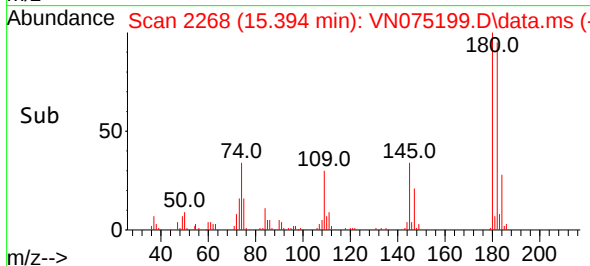
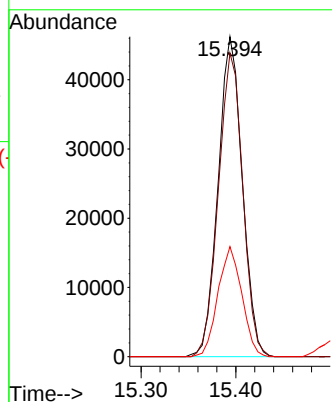
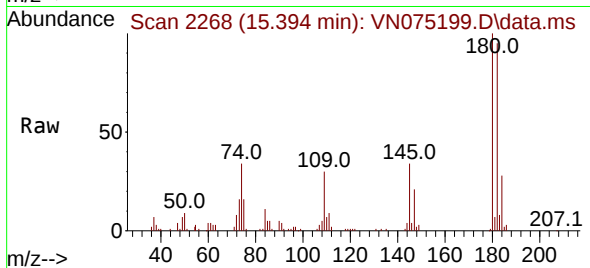
Tgt Ion:180	Resp:	82084
Ion Ratio	Lower	Upper
180	100	
182	95.5	47.8 143.4
145	33.9	16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2022

Supervised By :Mahesh Dadoda 11/08/2022



#94

Hexachlorobutadiene

Concen: 52.291 ug/l

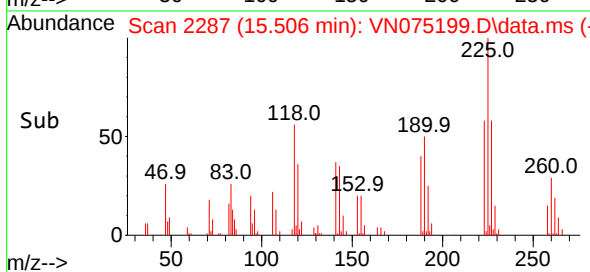
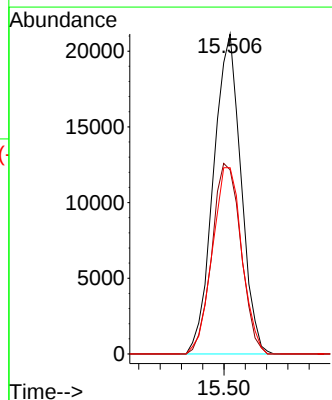
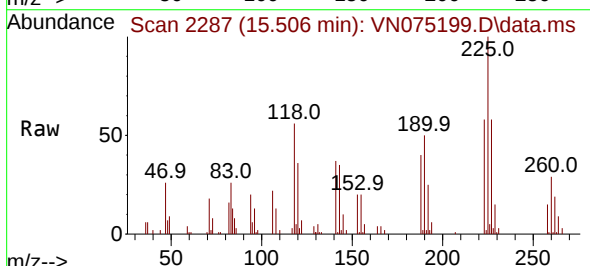
RT: 15.506 min Scan# 2287

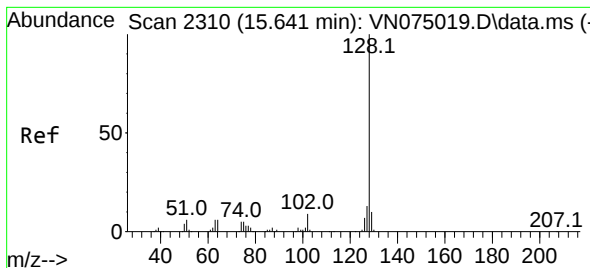
Delta R.T. 0.006 min

Lab File: VN075199.D

Acq: 07 Nov 2022 19:47

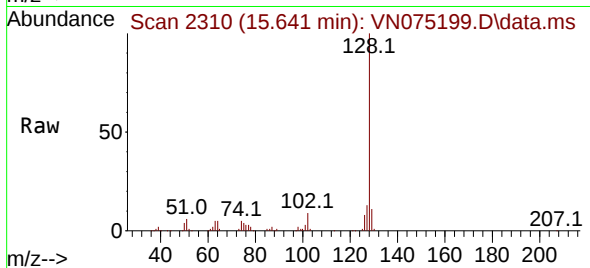
Tgt Ion:225	Resp:	37854
Ion Ratio	Lower	Upper
225	100	
223	62.7	32.3 96.9
227	62.5	32.0 96.2





#95
Naphthalene
Concen: 52.542 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

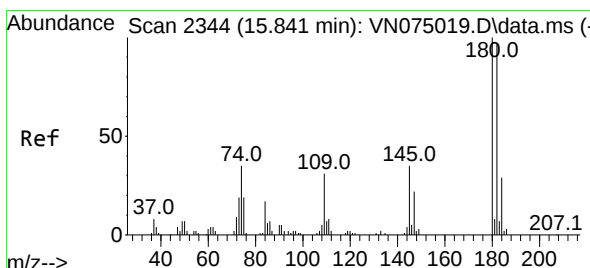
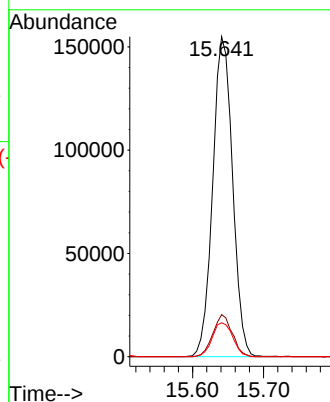
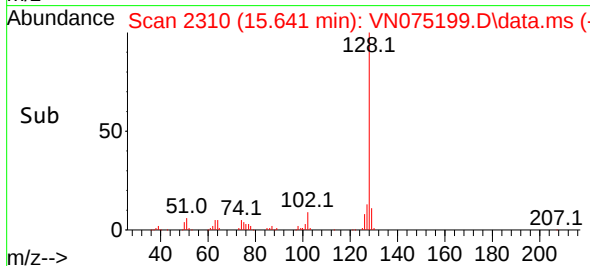
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



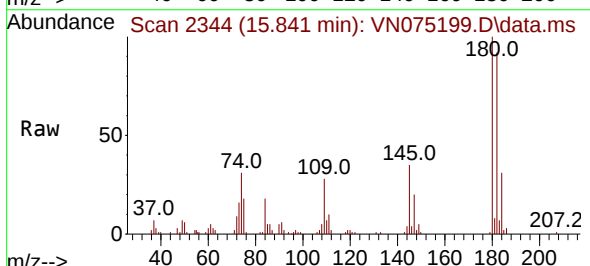
Tgt Ion:128 Resp: 30004
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#96
1,2,3-Trichlorobenzene
Concen: 55.617 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47



Tgt Ion:180 Resp: 82059
Ion Ratio Lower Upper
180 100
182 92.8 47.3 141.8
145 34.3 17.6 52.9

