

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110222\
 Data File : VN075108.D
 Acq On : 02 Nov 2022 11:19
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/03/2022
 Supervised By : Mahesh Dadoda 11/03/2022

Quant Time: Nov 03 04:12:44 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	94344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	172701	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	166466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	87601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	66150	52.039	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.080%			
35) Dibromofluoromethane	8.177	113	54440	53.697	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.400%			
50) Toluene-d8	10.571	98	216645	55.078	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.160%			
62) 4-Bromofluorobenzene	12.853	95	79210	57.326	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.660%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	52318	42.628	ug/l	99
3) Chloromethane	2.371	50	58181	44.630	ug/l	98
4) Vinyl Chloride	2.524	62	86783	46.664	ug/l	99
5) Bromomethane	2.930	94	73593	55.849	ug/l	92
6) Chloroethane	3.106	64	63872	47.896	ug/l	96
7) Trichlorofluoromethane	3.495	101	89810	47.274	ug/l	95
8) Diethyl Ether	3.977	74	31943	46.098	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	52407	49.951	ug/l	98
10) Methyl Iodide	4.595	142	72156	46.197	ug/l	99
11) Tert butyl alcohol	5.547	59	63039	212.652	ug/l	100
12) 1,1-Dichloroethene	4.347	96	47536	47.533	ug/l	95
13) Acrolein	4.189	56	54009	222.742	ug/l	99
14) Allyl chloride	5.030	41	65332	44.729	ug/l	92
15) Acrylonitrile	5.730	53	158004	252.317	ug/l	99
16) Acetone	4.442	43	137651	255.740	ug/l	98
17) Carbon Disulfide	4.718	76	113525	45.141	ug/l	96
18) Methyl Acetate	5.036	43	90731	51.606	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	180845	48.654	ug/l	99
20) Methylene Chloride	5.283	84	56782	47.314	ug/l	95
21) trans-1,2-Dichloroethene	5.794	96	52740	48.165	ug/l	96
22) Diisopropyl ether	6.688	45	165965	51.489	ug/l	97
23) Vinyl Acetate	6.618	43	600139	222.964	ug/l	100
24) 1,1-Dichloroethane	6.577	63	101632	49.854	ug/l	99
25) 2-Butanone	7.494	43	214027	252.805	ug/l	96
26) 2,2-Dichloropropane	7.500	77	93985	50.114	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	65857	50.363	ug/l	99
28) Bromochloromethane	7.818	49	44804	52.136	ug/l	98
29) Tetrahydrofuran	7.841	42	137715	251.732	ug/l	99
30) Chloroform	7.971	83	113546	51.300	ug/l	98
31) Cyclohexane	8.265	56	88114	46.607	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	103586	51.536	ug/l	99
36) 1,1-Dichloropropene	8.377	75	82871	52.797	ug/l	100
37) Ethyl Acetate	7.571	43	86256	50.109	ug/l	99
38) Carbon Tetrachloride	8.365	117	91014	52.714	ug/l	97
39) Methylcyclohexane	9.606	83	106211	51.257	ug/l	96
40) Benzene	8.612	78	250201	52.061	ug/l	99

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Quant Time: Nov 03 04:12:44 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)
41) Methacrylonitrile	7.783	41	43699	52.988	ug/l	98
42) 1,2-Dichloroethane	8.677	62	90304	51.647	ug/l	99
43) Isopropyl Acetate	8.694	43	138476	51.863	ug/l	99
44) Trichloroethene	9.353	130	59895	49.675	ug/l	98
45) 1,2-Dichloropropane	9.624	63	61248	53.552	ug/l	100
46) Dibromomethane	9.712	93	45494	51.057	ug/l	97
47) Bromodichloromethane	9.894	83	92288	53.483	ug/l	98
48) Methyl methacrylate	9.682	41	63815	52.103	ug/l	96
49) 1,4-Dioxane	9.700	88	32282	1006.529	ug/l	100
51) 4-Methyl-2-Pentanone	10.447	43	453878	263.424	ug/l	99
52) Toluene	10.635	92	170771	53.157	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	99720	54.751	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	103011	53.325	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	66416	52.139	ug/l	97
56) Ethyl methacrylate	10.876	69	105222	54.153	ug/l	99
57) 1,3-Dichloropropane	11.165	76	113069	53.301	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	204529	272.276	ug/l	98
59) 2-Hexanone	11.200	43	347734	265.914	ug/l	99
60) Dibromochloromethane	11.365	129	74688	55.574	ug/l	99
61) 1,2-Dibromoethane	11.471	107	70711	54.167	ug/l	99
64) Tetrachloroethene	11.106	164	53120	52.049	ug/l	99
65) Chlorobenzene	11.894	112	181613	51.112	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	68814	52.207	ug/l	99
67) Ethyl Benzene	11.965	91	335329	52.454	ug/l	99
68) m/p-Xylenes	12.076	106	270822	105.579	ug/l	98
69) o-Xylene	12.400	106	131407	51.801	ug/l	100
70) Styrene	12.412	104	219482	54.262	ug/l	99
71) Bromoform	12.582	173	53449	54.160	ug/l #	96
73) Isopropylbenzene	12.700	105	346643	49.290	ug/l	99
74) N-amyl acetate	12.494	43	122818	47.218	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	110430	54.681	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	87209m	46.886	ug/l	
77) Bromobenzene	12.982	156	75684	48.875	ug/l	100
78) n-propylbenzene	13.041	91	409525	51.866	ug/l	99
79) 2-Chlorotoluene	13.129	91	239283	49.593	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	303615	51.400	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	34825	48.062	ug/l	96
82) 4-Chlorotoluene	13.129	91	239283	49.593	ug/l	99
83) tert-Butylbenzene	13.441	119	259991	49.535	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	311567	52.132	ug/l	100
85) sec-Butylbenzene	13.617	105	383741	52.263	ug/l	99
86) p-Isopropyltoluene	13.729	119	325031	53.601	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	155991	51.449	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	154335	51.434	ug/l	99
89) n-Butylbenzene	14.059	91	272113	55.725	ug/l	99
90) Hexachloroethane	14.335	117	55237	49.682	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	153473	50.917	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	22764	47.987	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	68926	53.140	ug/l	99
94) Hexachlorobutadiene	15.506	225	32094	50.756	ug/l	98
95) Naphthalene	15.641	128	258131	51.751	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	69017	53.553	ug/l	98

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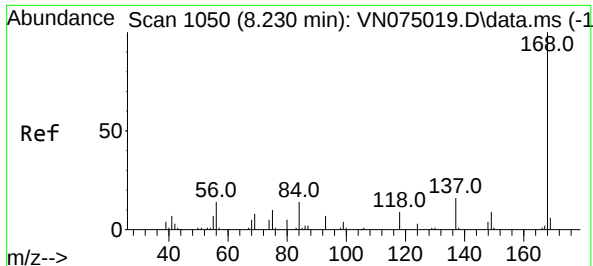
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/03/2022

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Response via : Initial Calibration

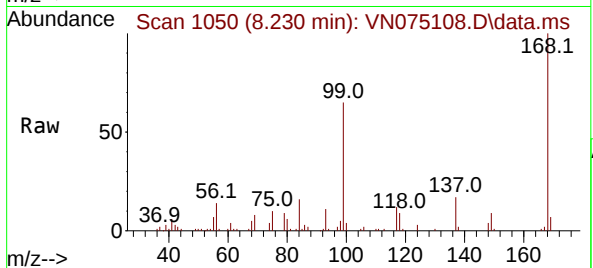
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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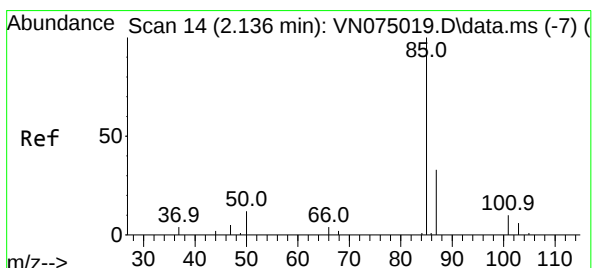
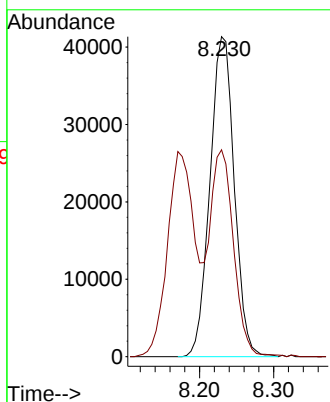
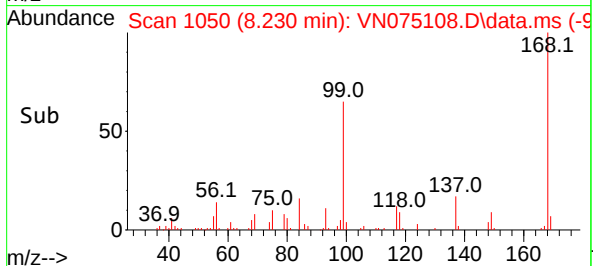
Instrument :
MSVOA_N
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VSTDCCC050



Tgt Ion:168 Resp: 94344
Ion Ratio Lower Upper
168 100
99 64.1 51.6 77.4

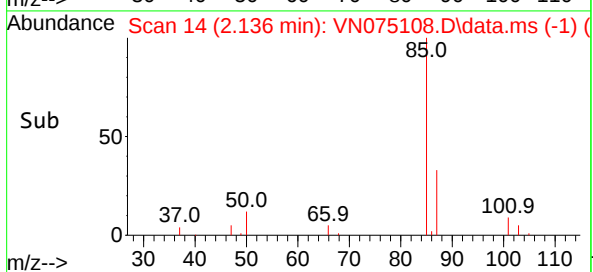
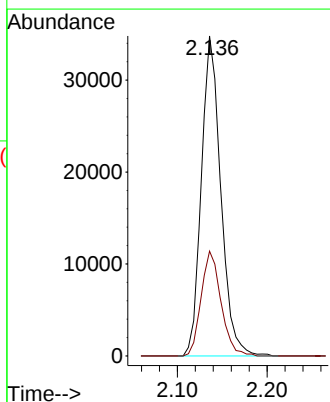
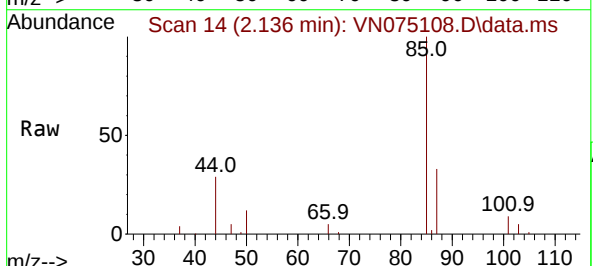
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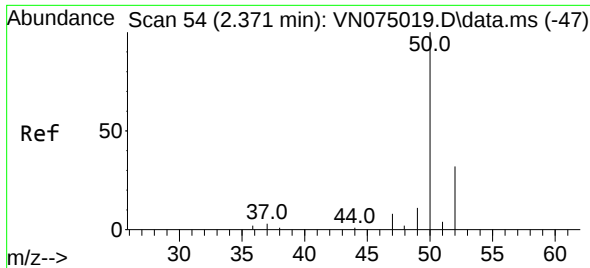
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#2
Dichlorodifluoromethane
Concen: 42.628 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

Tgt Ion: 85 Resp: 52318
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.0





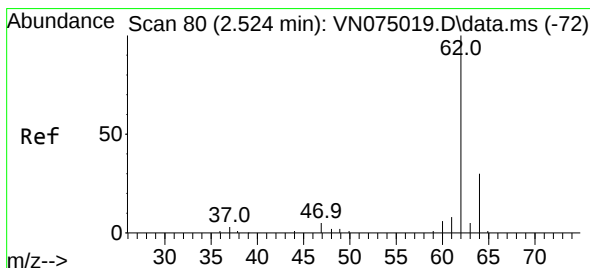
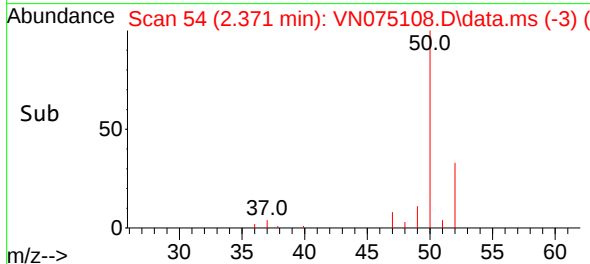
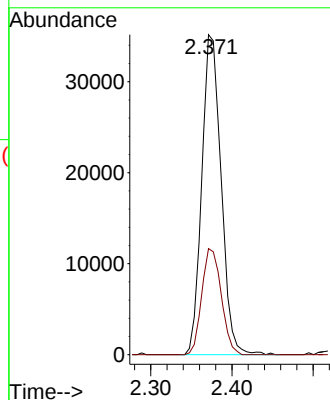
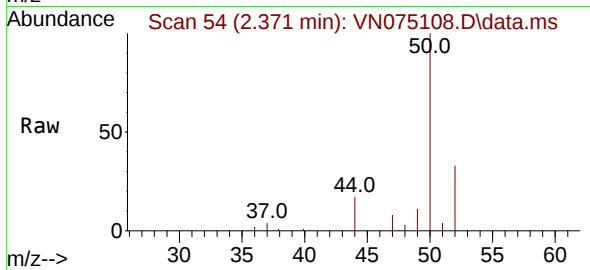
#3
Chloromethane
Concen: 44.630 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

Instrument :
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Tgt Ion: 50 Resp: 5818
Ion Ratio Lower Upper
50 100
52 33.1 25.8 38.6

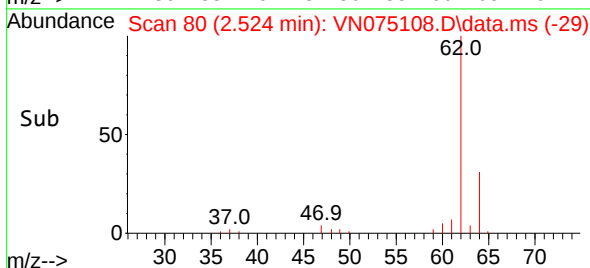
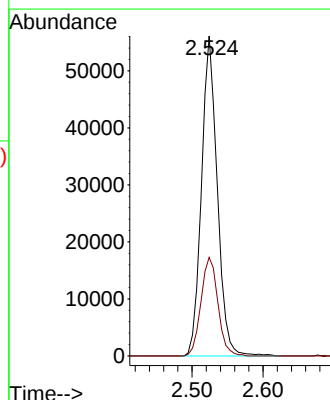
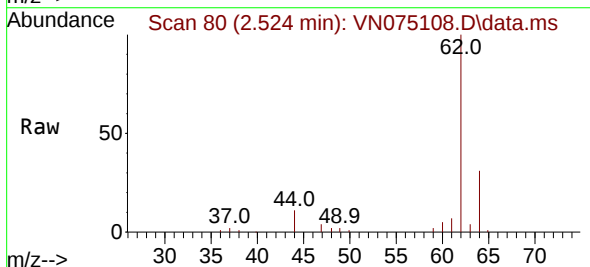
Manual Integrations
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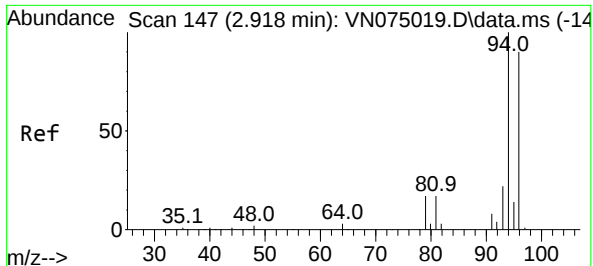
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#4
Vinyl Chloride
Concen: 46.664 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

Tgt Ion: 62 Resp: 86783
Ion Ratio Lower Upper
62 100
64 30.8 24.0 36.0





#5

Bromomethane

Concen: 55.849 ug/l

RT: 2.930 min Scan# 147

Delta R.T. 0.012 min

Lab File: VN075108.D

Acq: 02 Nov 2022 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 7359

Ion Ratio Lower Upper

94 100

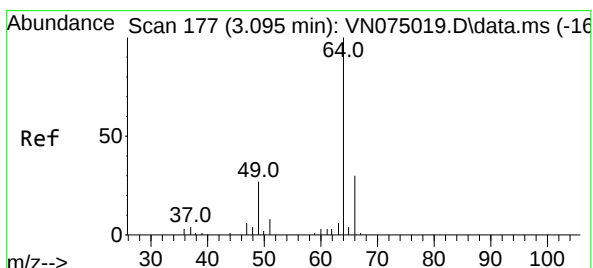
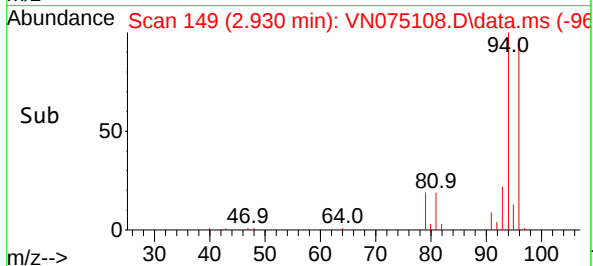
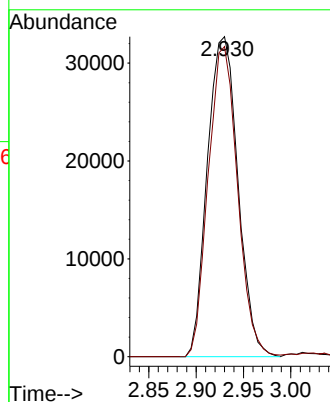
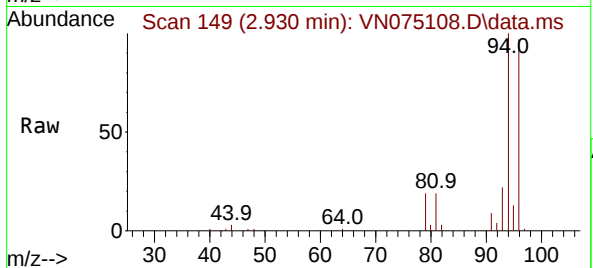
96 96.9 71.8 107.6

Manual Integrations

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#6

Chloroethane

Concen: 47.896 ug/l

RT: 3.106 min Scan# 179

Delta R.T. 0.011 min

Lab File: VN075108.D

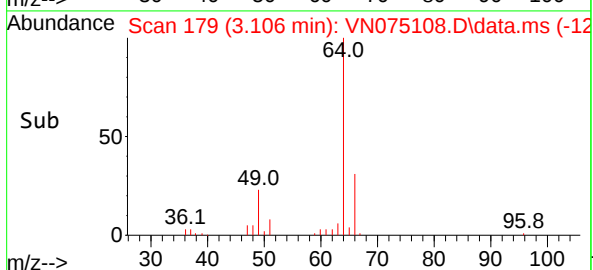
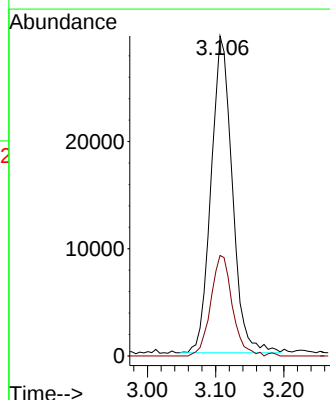
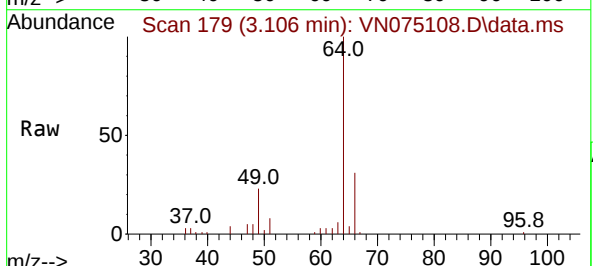
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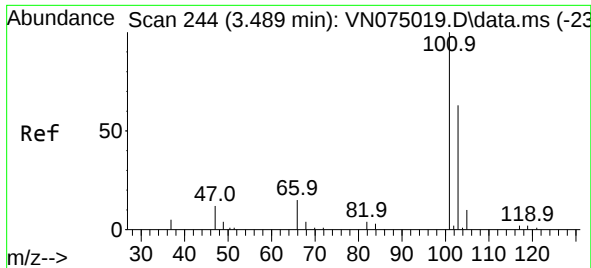
Tgt Ion: 64 Resp: 63872

Ion Ratio Lower Upper

64 100

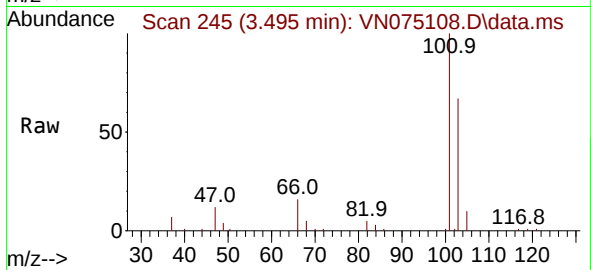
66 31.7 23.8 35.8





#7
Trichlorofluoromethane
Concen: 47.274 ug/l
RT: 3.495 min Scan# 244
Delta R.T. 0.006 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

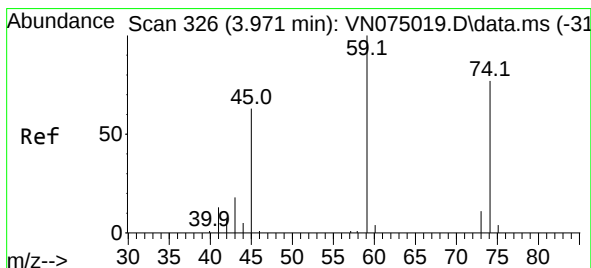
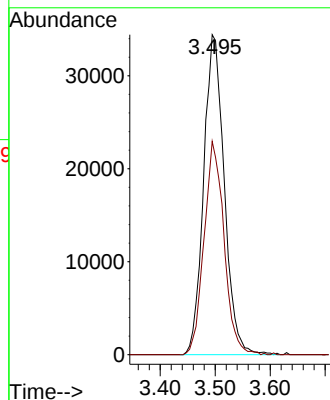
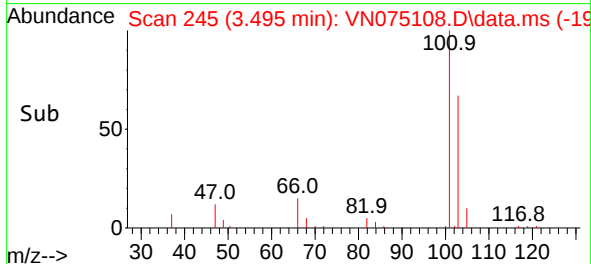
Instrument :
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VSTDCCC050



Tgt Ion:101 Resp: 89810
Ion Ratio Lower Upper
101 100
103 66.7 50.5 75.7

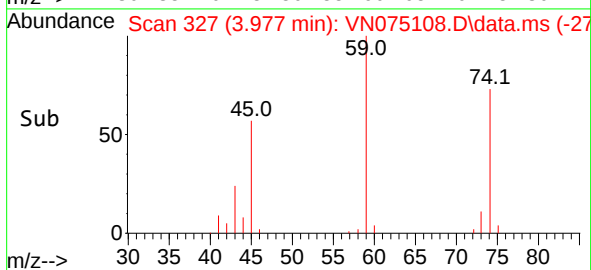
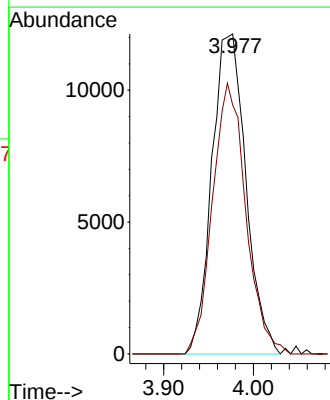
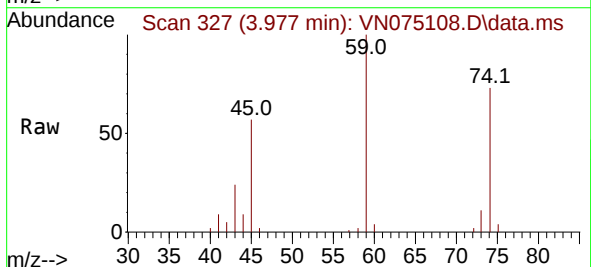
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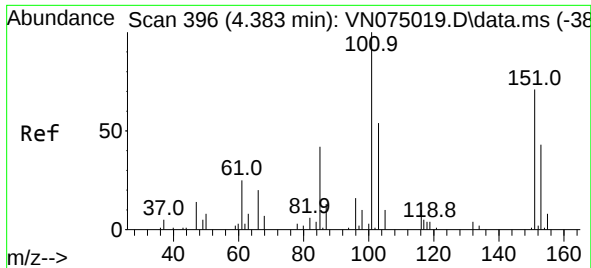
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#8
Diethyl Ether
Concen: 46.098 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.006 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

Tgt Ion: 74 Resp: 31943
Ion Ratio Lower Upper
74 100
45 82.9 39.3 117.9





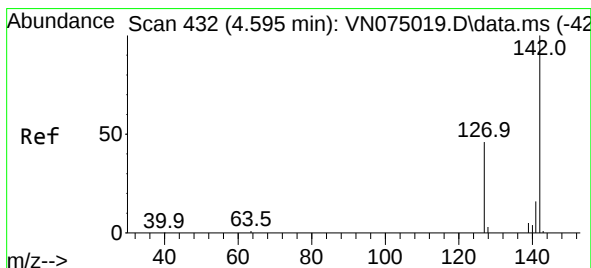
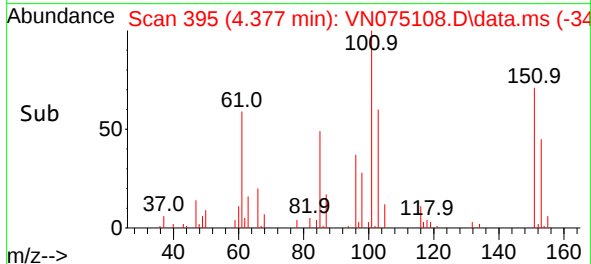
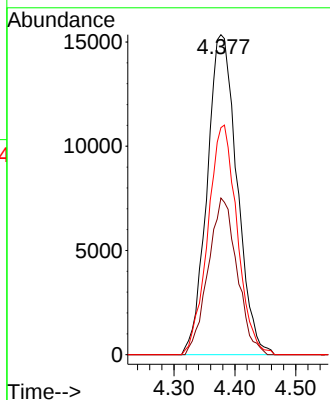
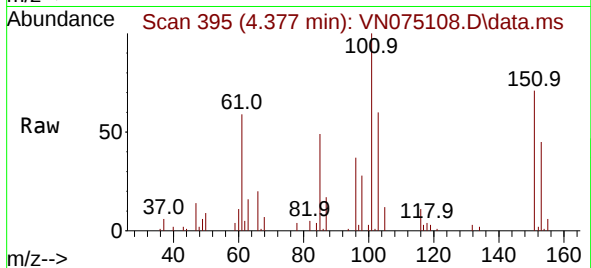
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.951 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.006 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 5240
Ion Ratio Lower Upper
101 100
85 47.4 37.6 56.4
151 70.2 58.3 87.5

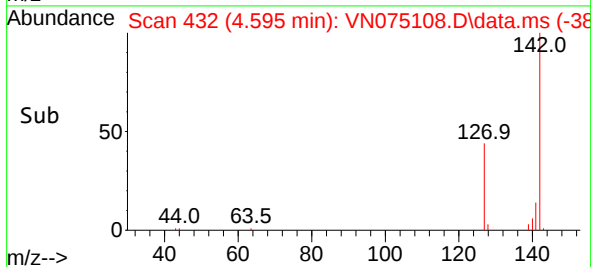
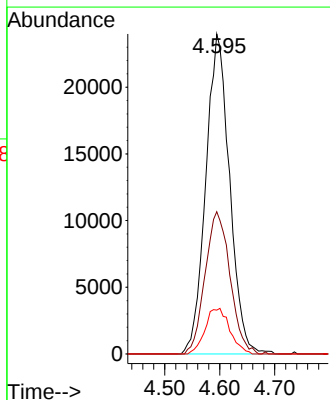
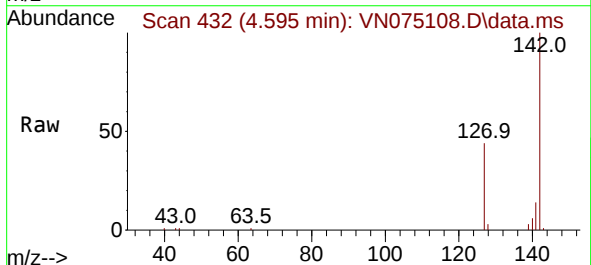
Manual Integrations
APPROVED

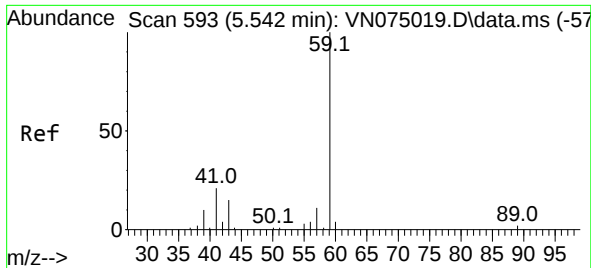
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#10
Methyl Iodide
Concen: 46.197 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.000 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

Tgt Ion:142 Resp: 72156
Ion Ratio Lower Upper
142 100
127 46.5 38.0 57.0
141 14.8 12.2 18.4





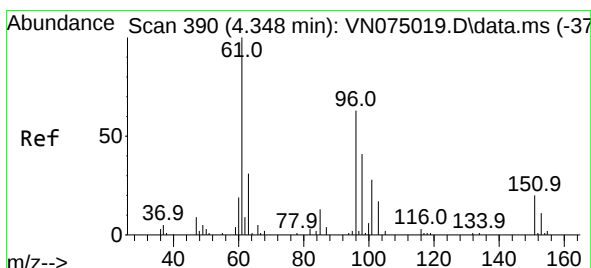
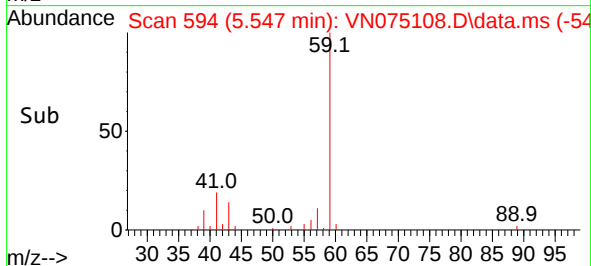
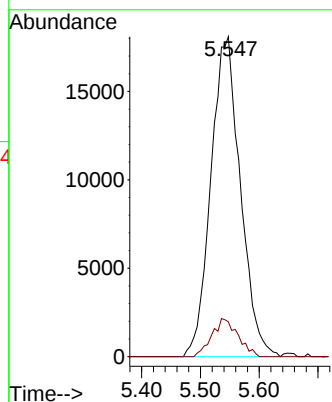
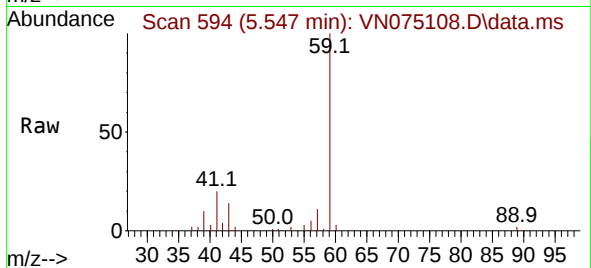
#11
Tert butyl alcohol
Concen: 212.652 ug/l
RT: 5.547 min Scan# 593
Delta R.T. 0.005 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 63039
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7

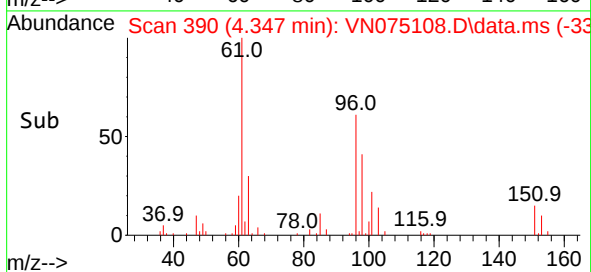
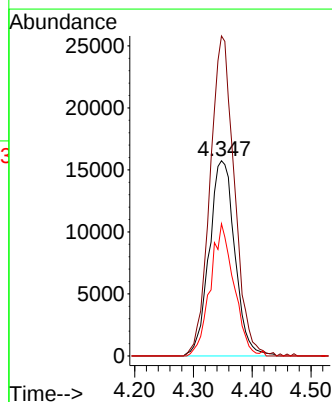
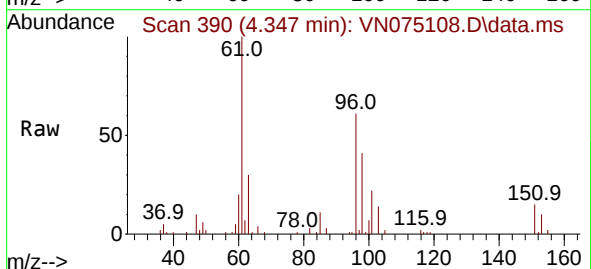
Manual Integrations
APPROVED

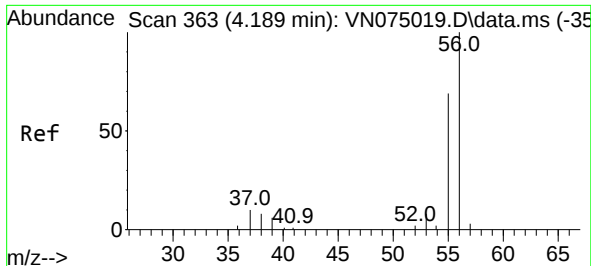
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#12
1,1-Dichloroethene
Concen: 47.533 ug/l
RT: 4.347 min Scan# 390
Delta R.T. -0.001 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

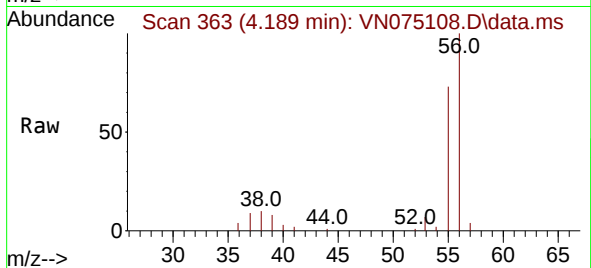
Tgt Ion: 96 Resp: 47536
Ion Ratio Lower Upper
96 100
61 164.0 126.2 189.4
98 67.7 51.5 77.3





#13
Acrolein
Concen: 222.742 ug/l
RT: 4.189 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

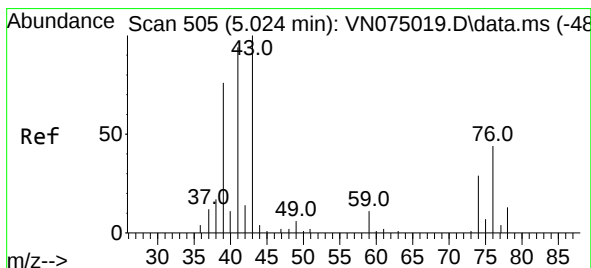
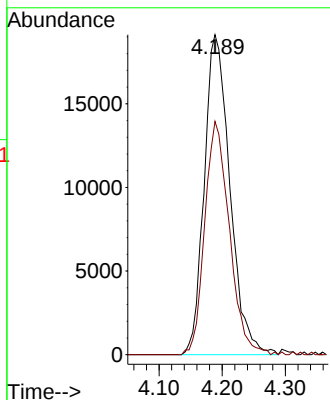
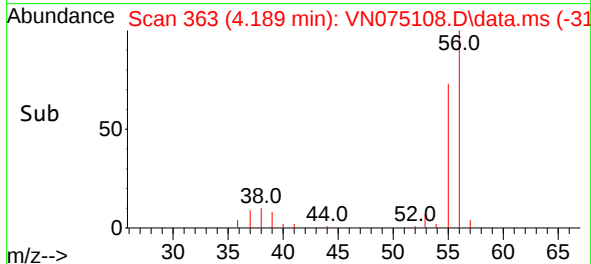
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



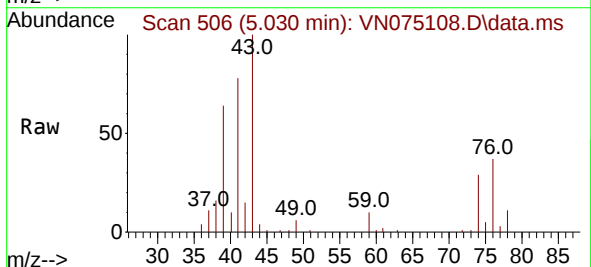
Tgt Ion: 56 Resp: 54009
Ion Ratio Lower Upper
56 100
55 70.2 55.2 82.8

Manual Integrations
APPROVED

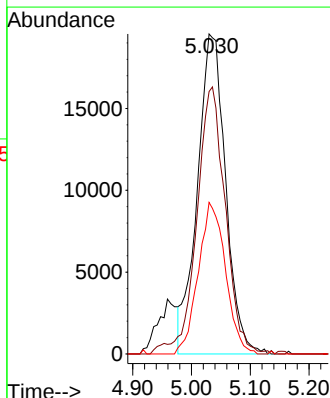
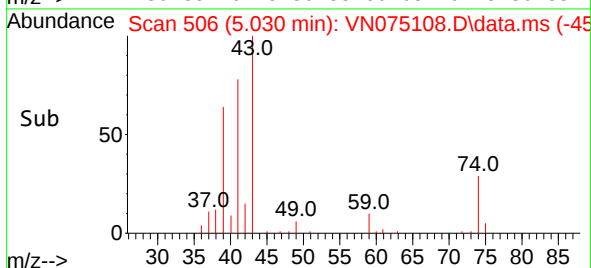
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

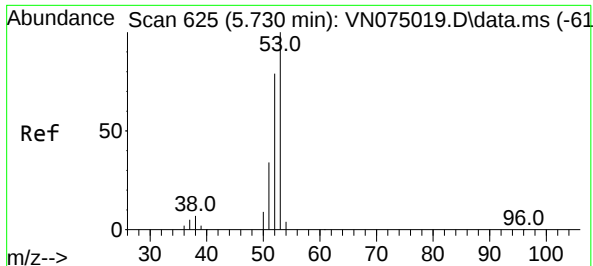


#14
Allyl chloride
Concen: 44.729 ug/l
RT: 5.030 min Scan# 506
Delta R.T. 0.006 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19



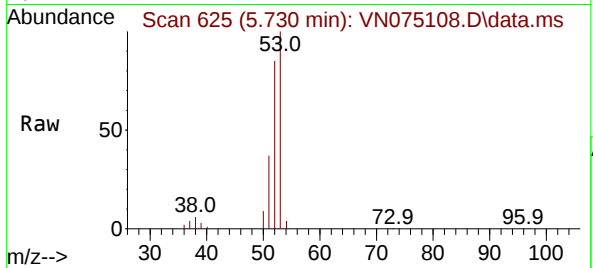
Tgt Ion: 41 Resp: 65332
Ion Ratio Lower Upper
41 100
39 84.5 61.0 91.4
76 45.6 33.4 50.0





#15
Acrylonitrile
Concen: 252.317 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

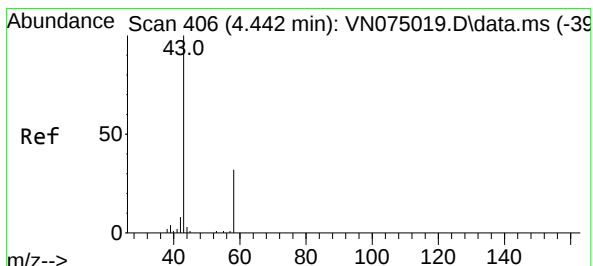
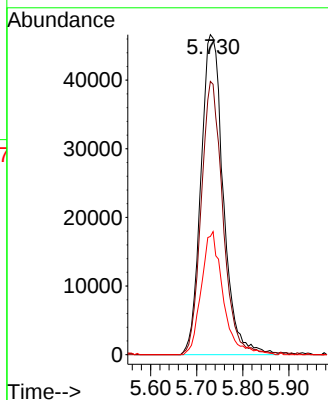
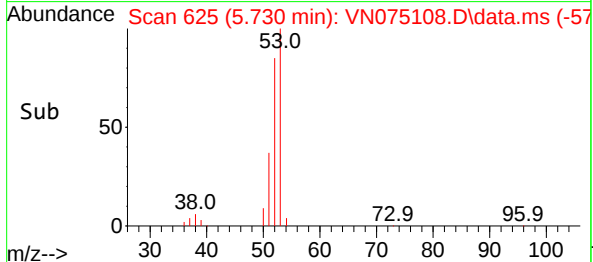
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 158004
Ion Ratio Lower Upper
53 100
52 82.6 66.4 99.6
51 37.4 29.6 44.4

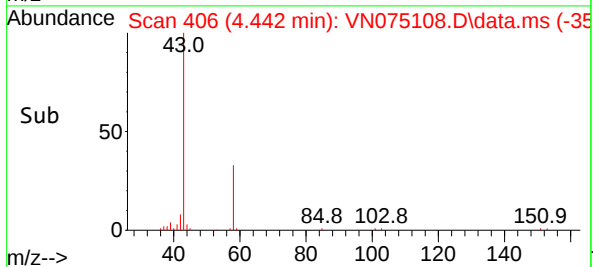
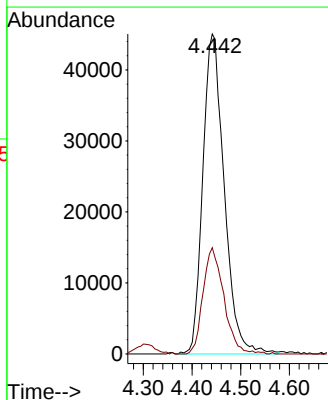
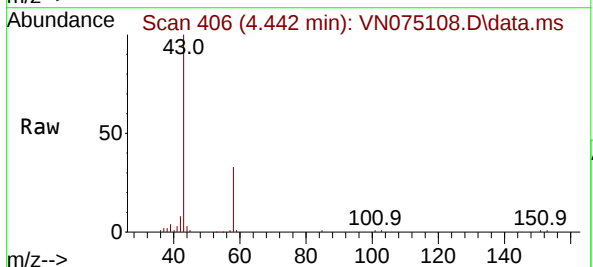
Manual Integrations
APPROVED

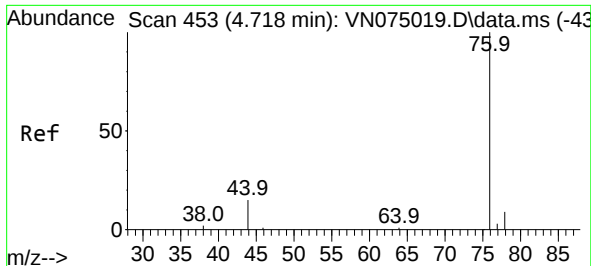
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#16
Acetone
Concen: 255.740 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

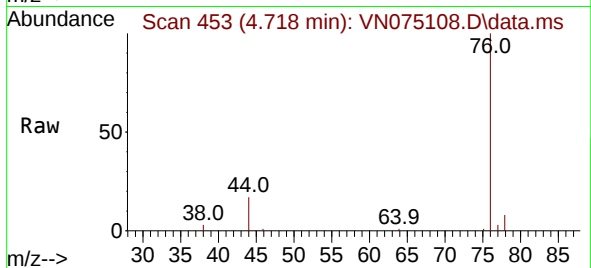
Tgt Ion: 43 Resp: 137651
Ion Ratio Lower Upper
43 100
58 33.2 25.5 38.3





#17
Carbon Disulfide
Concen: 45.141 ug/l
RT: 4.718 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

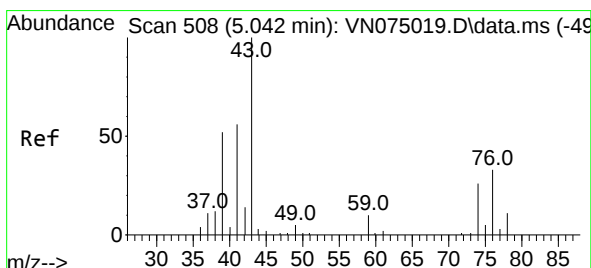
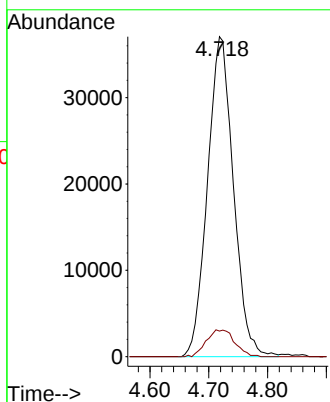
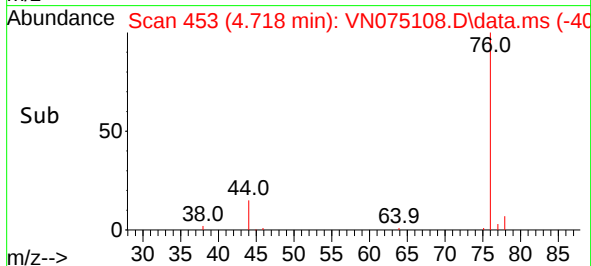
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 11352
Ion Ratio Lower Upper
76 100
78 8.0 7.4 11.2

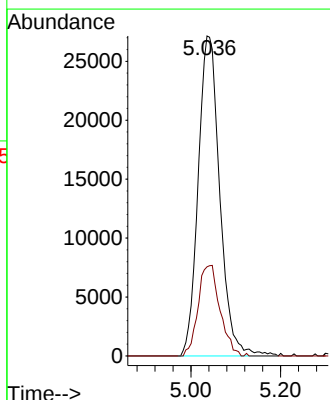
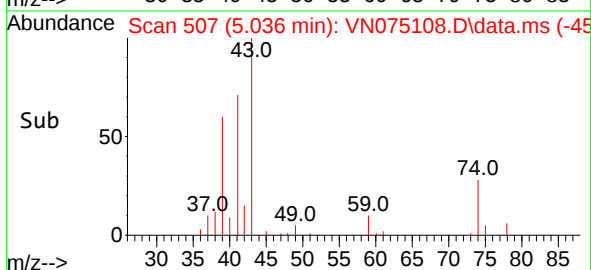
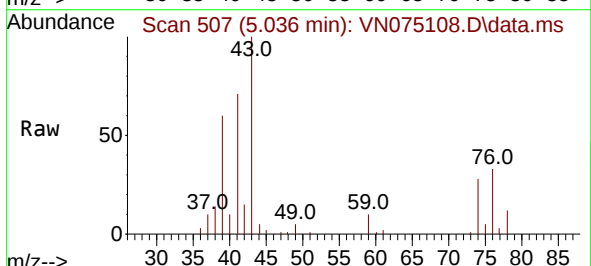
Manual Integrations
APPROVED

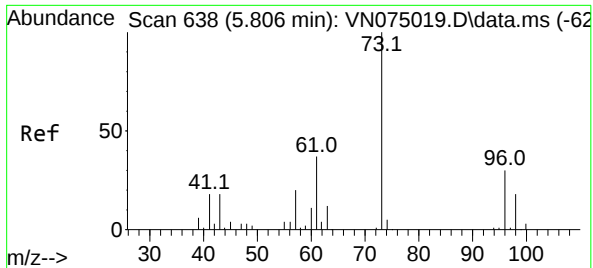
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#18
Methyl Acetate
Concen: 51.606 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.006 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

Tgt Ion: 43 Resp: 90731
Ion Ratio Lower Upper
43 100
74 28.6 22.0 33.0





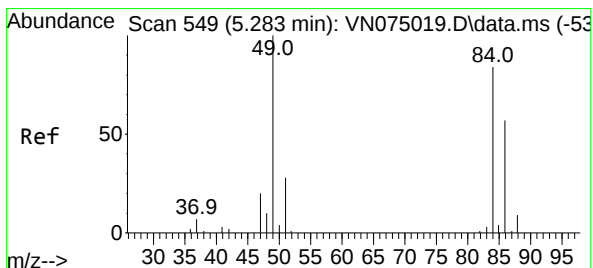
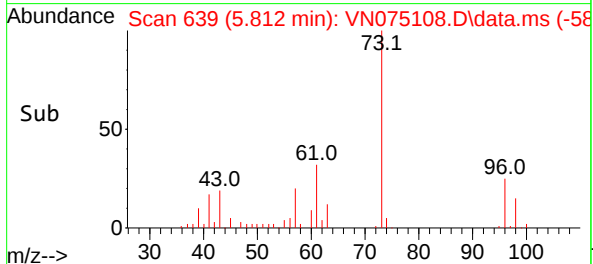
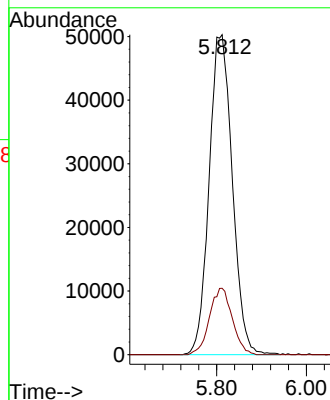
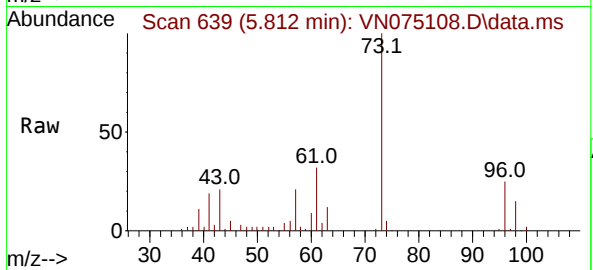
#19
Methyl tert-butyl Ether
Concen: 48.654 ug/l
RT: 5.812 min Scan# 619
Delta R.T. 0.006 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 180849
Ion Ratio Lower Upper
73 100
57 20.8 16.3 24.5

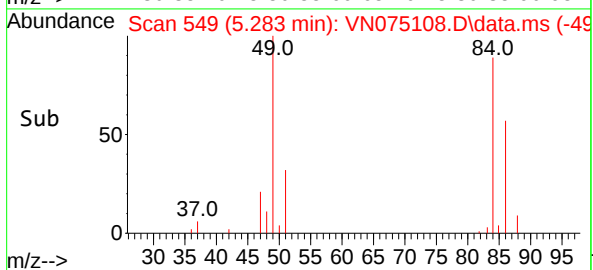
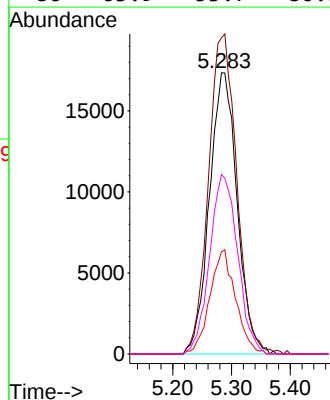
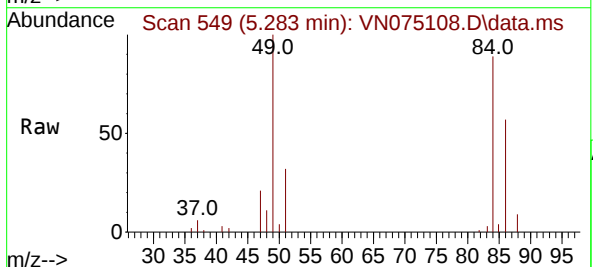
Manual Integrations
APPROVED

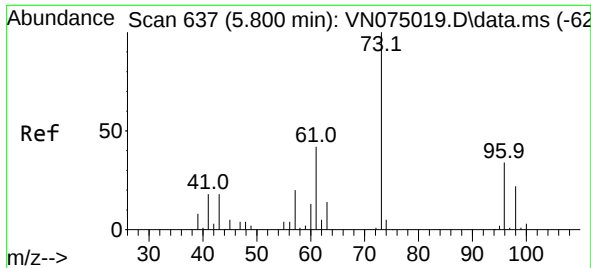
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#20
Methylene Chloride
Concen: 47.314 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

Tgt Ion: 84 Resp: 56782
Ion Ratio Lower Upper
84 100
49 112.4 94.9 142.3
51 36.3 26.8 40.2
86 63.9 53.7 80.5





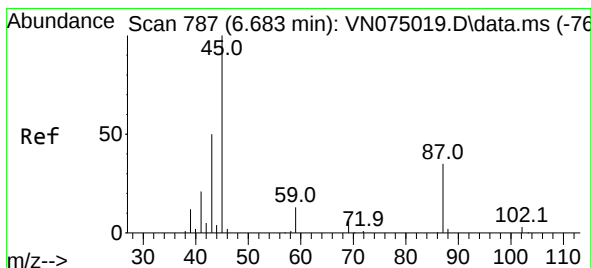
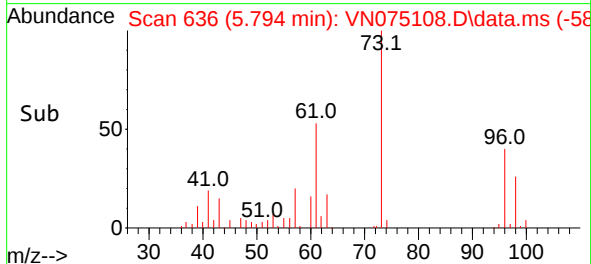
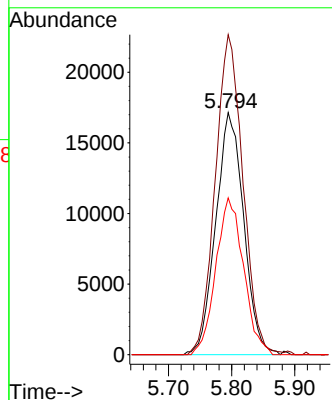
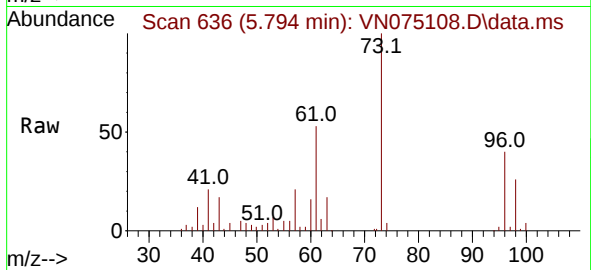
#21
trans-1,2-Dichloroethene
Concen: 48.165 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 52740
Ion Ratio Lower Upper
96 100
61 132.2 99.9 149.9
98 64.8 51.5 77.3

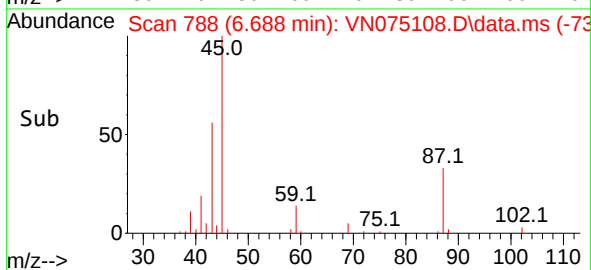
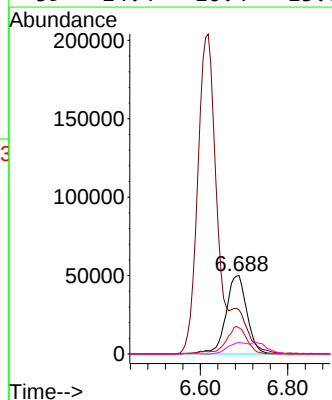
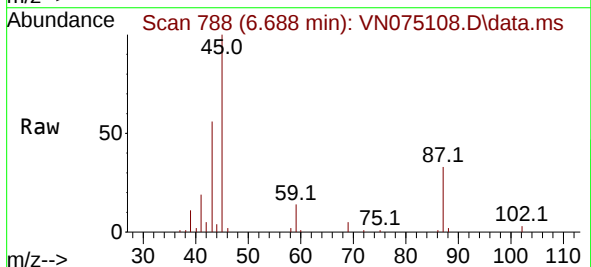
Manual Integrations
APPROVED

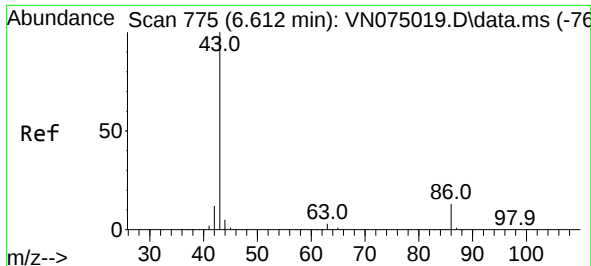
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#22
Diisopropyl ether
Concen: 51.489 ug/l
RT: 6.688 min Scan# 788
Delta R.T. 0.005 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

Tgt Ion: 45 Resp: 165965
Ion Ratio Lower Upper
45 100
43 55.0 42.8 64.2
87 33.3 28.4 42.6
59 14.4 10.4 15.6





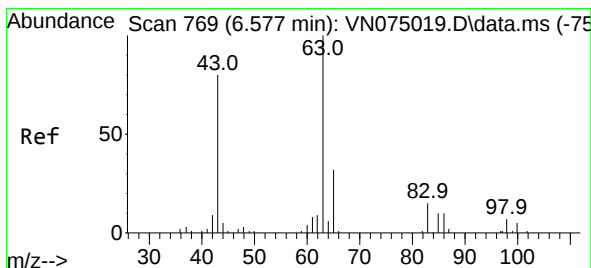
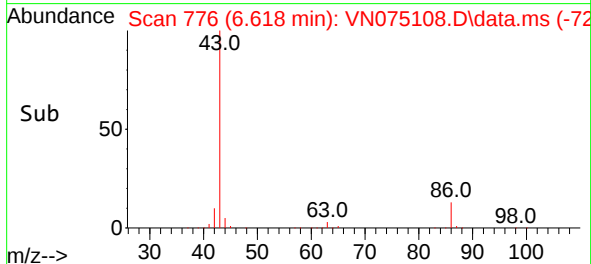
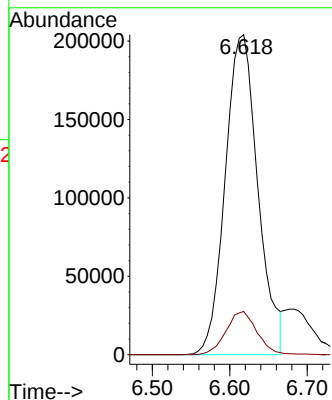
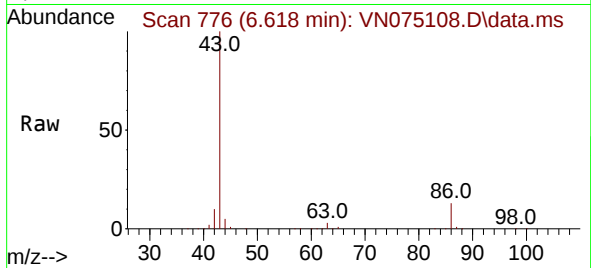
#23
 Vinyl Acetate
 Concen: 222.964 ug/l
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN075108.D
 Acq: 02 Nov 2022 11:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 600139
 Ion Ratio Lower Upper
 43 100
 86 13.5 10.7 16.1

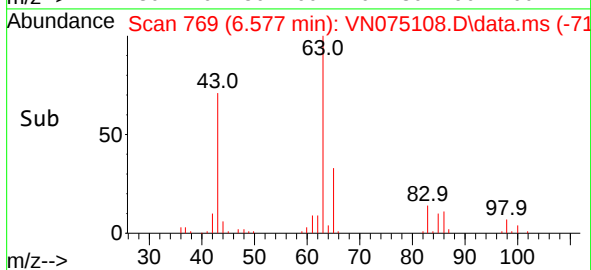
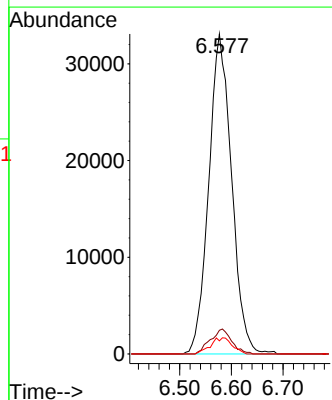
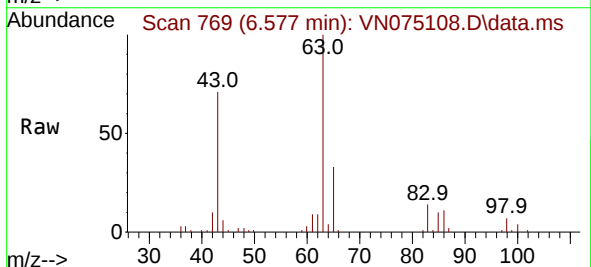
Manual Integrations
 APPROVED

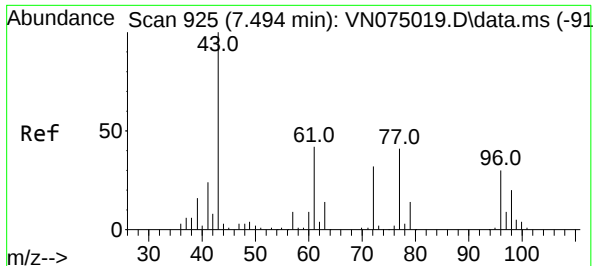
Reviewed By :John Carlone 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022



#24
 1,1-Dichloroethane
 Concen: 49.854 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075108.D
 Acq: 02 Nov 2022 11:19

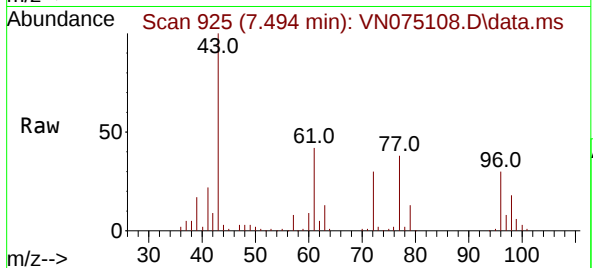
Tgt Ion: 63 Resp: 101632
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.8
 100 4.1 2.4 7.2





#25
2-Butanone
Concen: 252.805 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

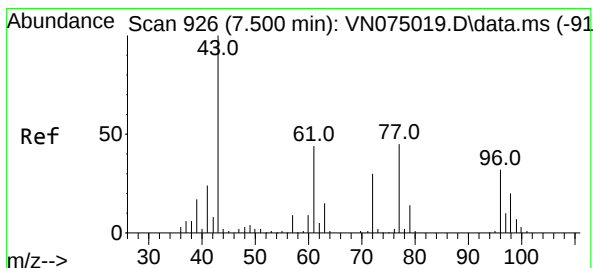
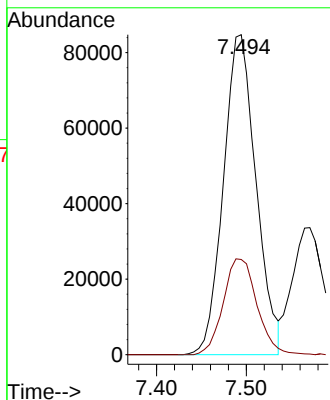
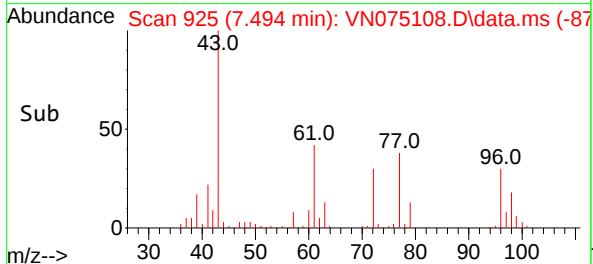
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



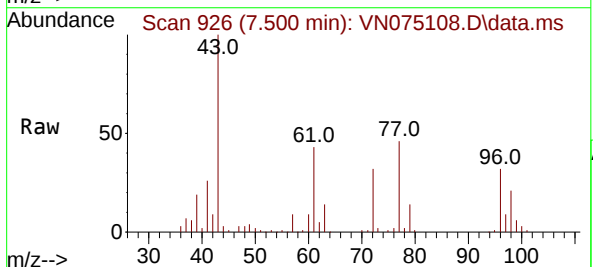
Tgt Ion: 43 Resp: 21402
Ion Ratio Lower Upper
43 100
72 29.8 25.5 38.3

Manual Integrations
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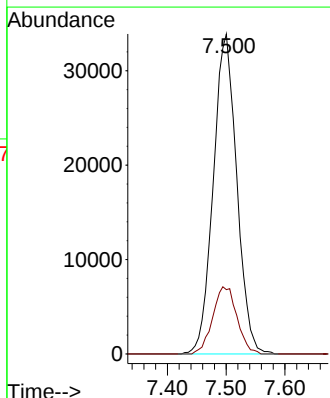
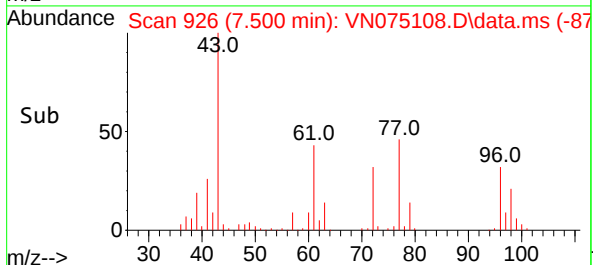
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

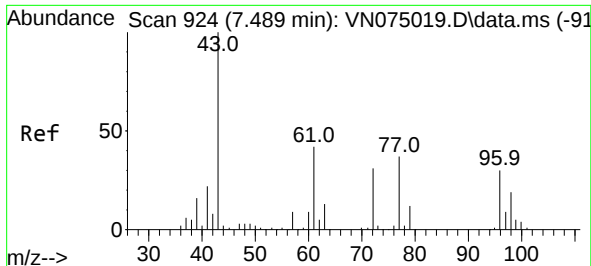


#26
2,2-Dichloropropane
Concen: 50.114 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19



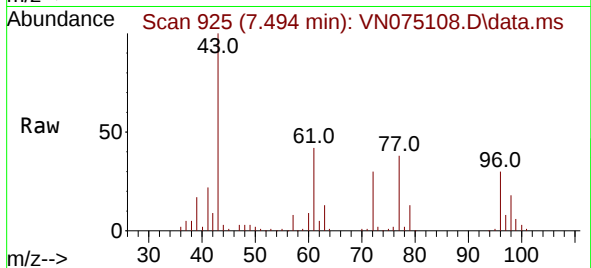
Tgt Ion: 77 Resp: 93985
Ion Ratio Lower Upper
77 100
97 21.7 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 50.363 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.005 min
 Lab File: VN075108.D
 Acq: 02 Nov 2022 11:19

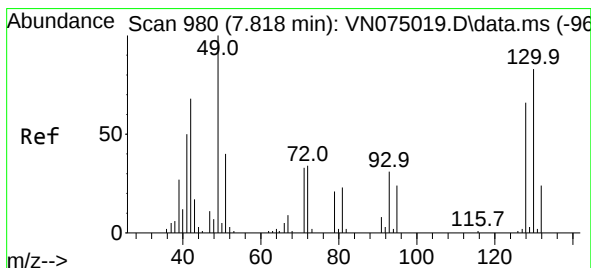
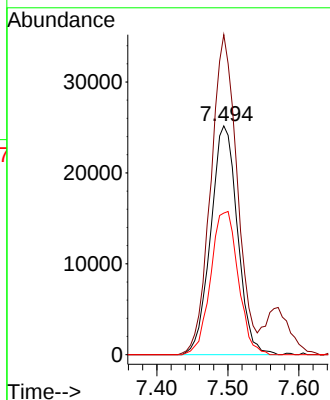
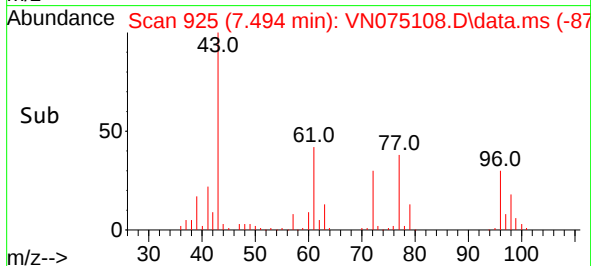
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 6585
 Ion Ratio Lower Upper
 96 100
 61 138.1 0.0 278.8
 98 64.4 0.0 128.4

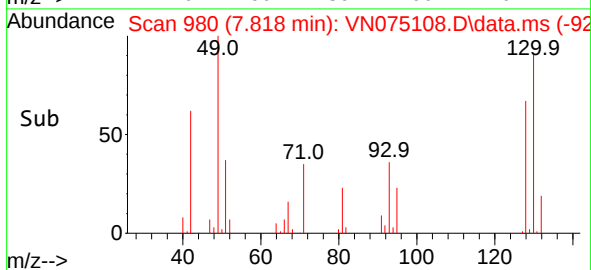
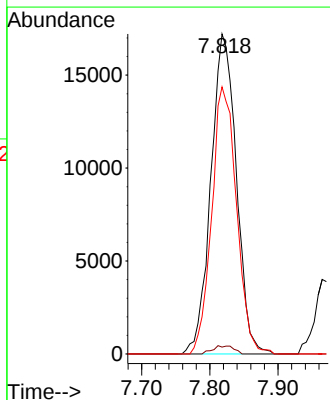
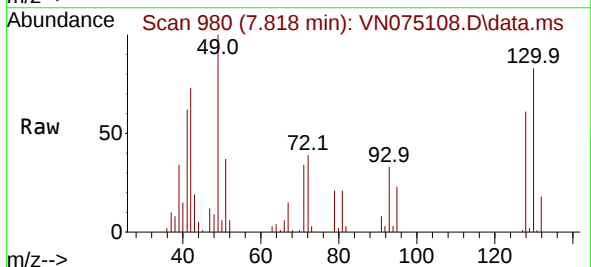
Manual Integrations
 APPROVED

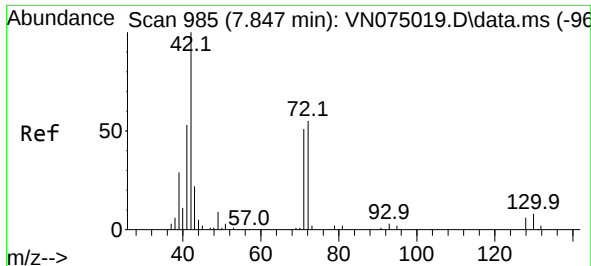
Reviewed By :John Carlone 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022



#28
 Bromochloromethane
 Concen: 52.136 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN075108.D
 Acq: 02 Nov 2022 11:19

Tgt Ion: 49 Resp: 44804
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 81.2 66.2 99.4





#29

Tetrahydrofuran

Concen: 251.732 ug/l

RT: 7.841 min Scan# 985

Delta R.T. -0.006 min

Lab File: VN075108.D

Acq: 02 Nov 2022 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 137715

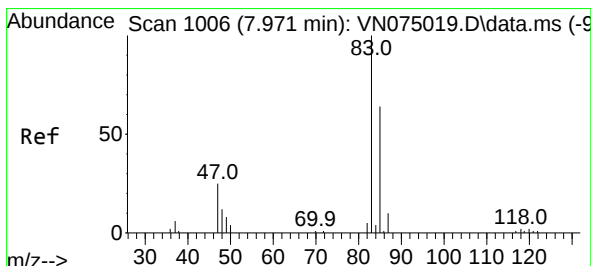
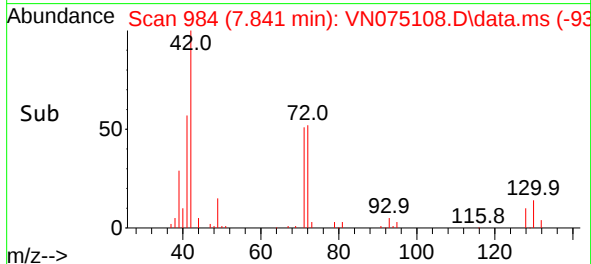
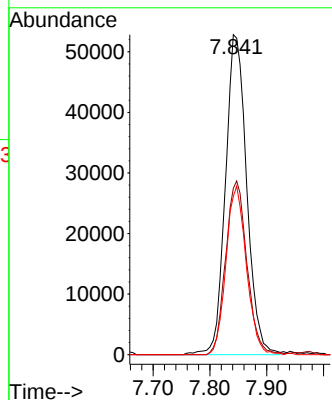
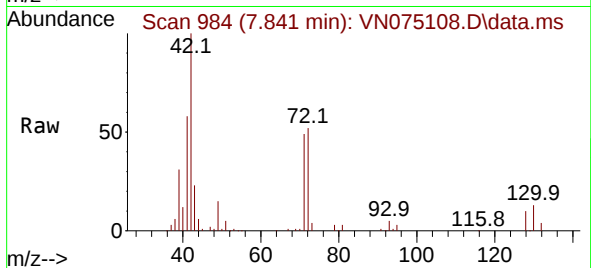
Ion	Ratio	Lower	Upper
42	100		
72	54.4	43.0	64.6
71	50.3	39.9	59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#30

Chloroform

Concen: 51.300 ug/l

RT: 7.971 min Scan# 1006

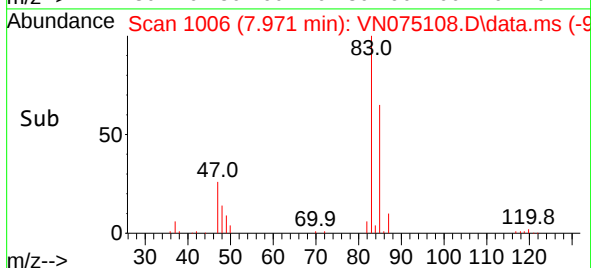
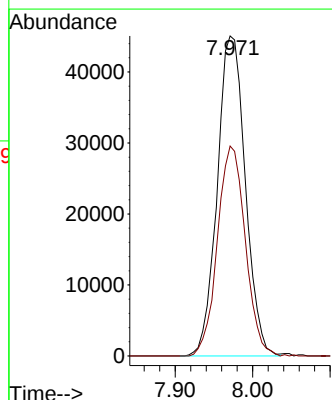
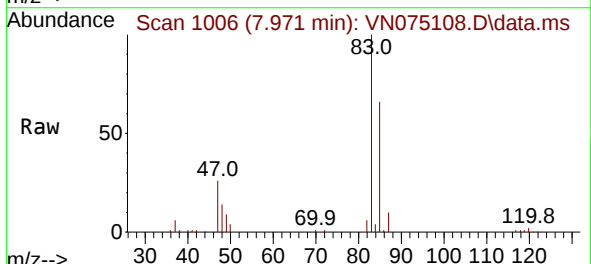
Delta R.T. -0.000 min

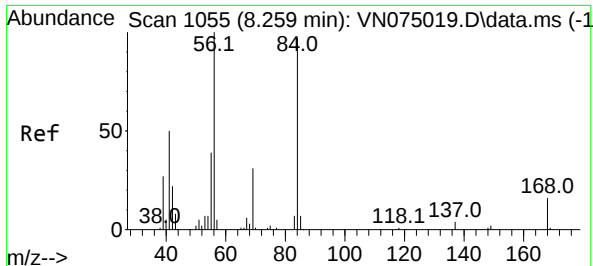
Lab File: VN075108.D

Acq: 02 Nov 2022 11:19

Tgt Ion: 83 Resp: 113546

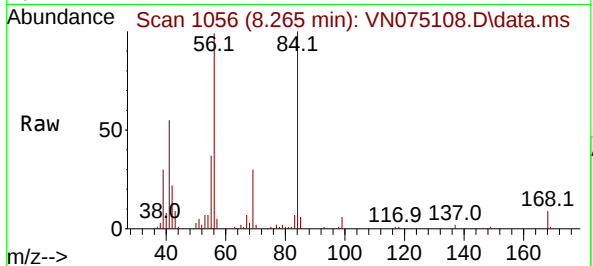
Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.4	77.0





#31
Cyclohexane
Concen: 46.607 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

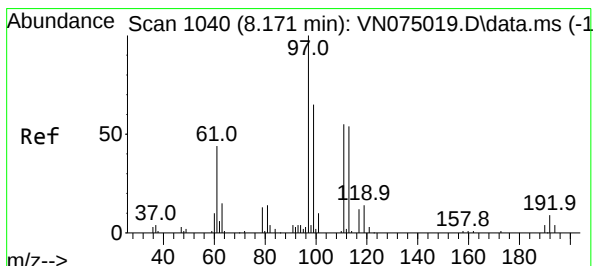
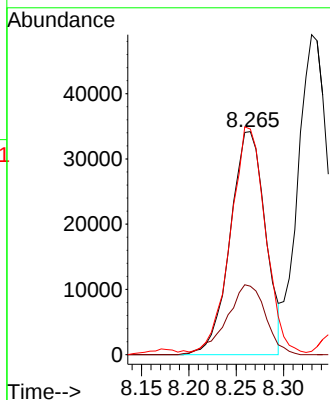
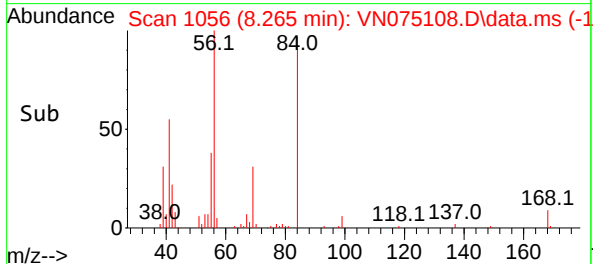
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



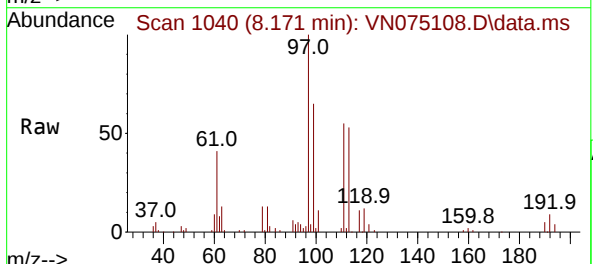
Tgt Ion: 56 Resp: 88114
Ion Ratio Lower Upper
56 100
69 30.7 25.2 37.8
84 100.0 77.8 116.8

Manual Integrations
APPROVED

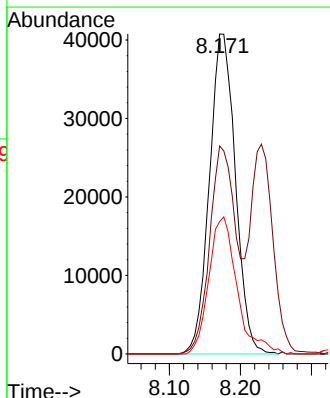
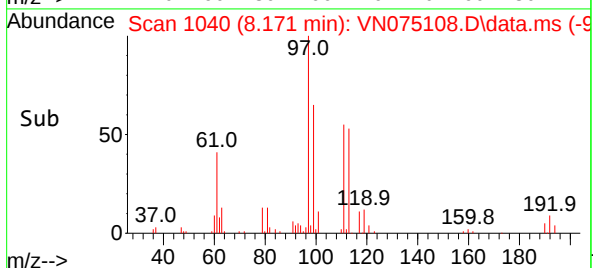
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

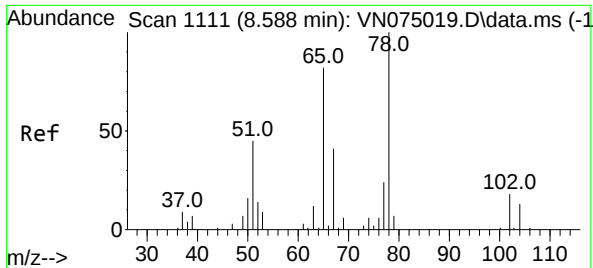


#32
1,1,1-Trichloroethane
Concen: 51.536 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19



Tgt Ion: 97 Resp: 103586
Ion Ratio Lower Upper
97 100
99 63.3 50.2 75.2
61 46.5 37.0 55.6





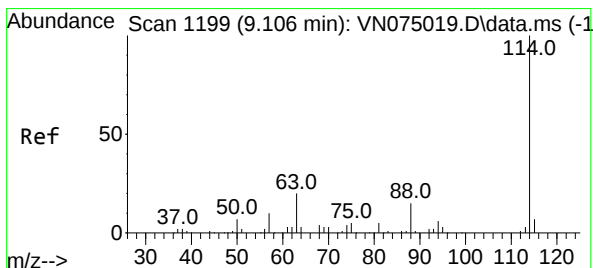
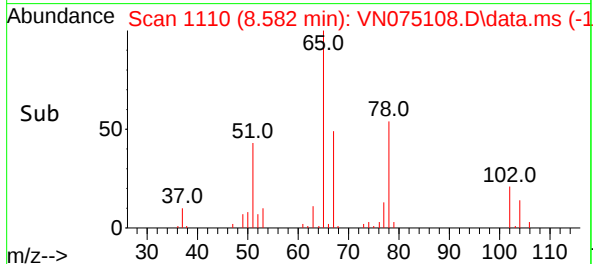
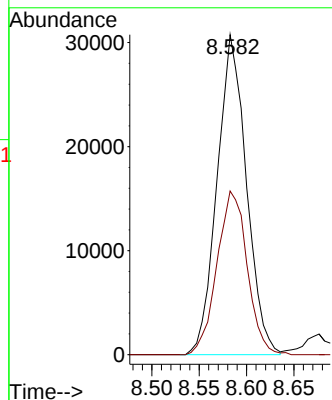
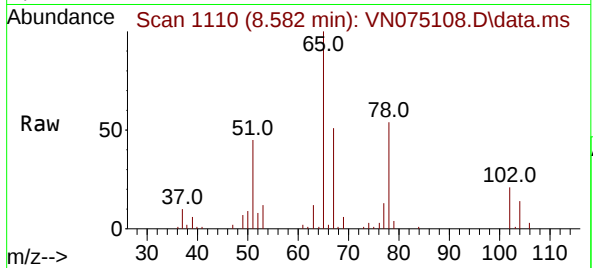
#33
1,2-Dichloroethane-d4
Concen: 52.039 ug/l
RT: 8.582 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 66150
Ion Ratio Lower Upper
65 100
67 52.7 0.0 102.0

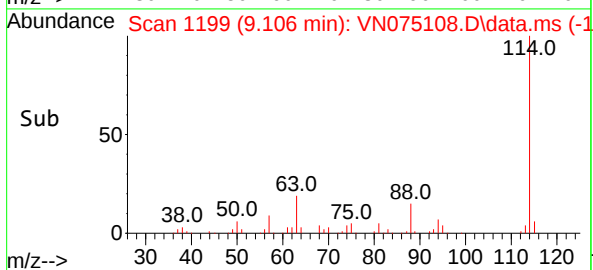
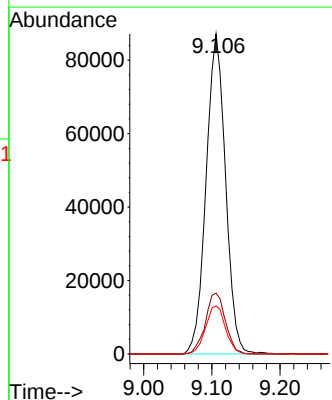
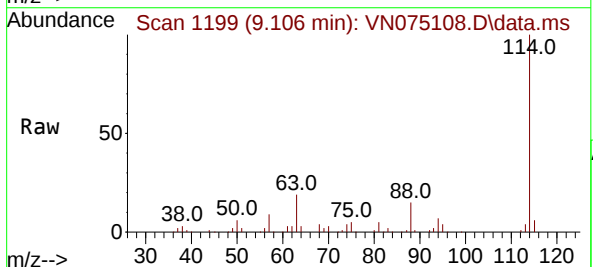
Manual Integrations
APPROVED

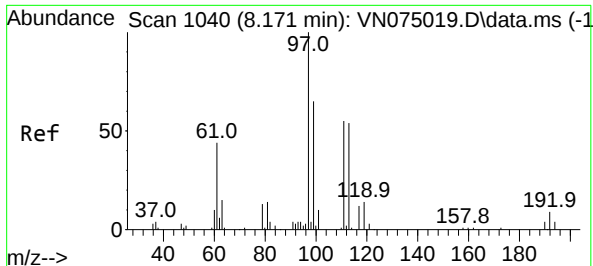
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

Tgt Ion:114 Resp: 172701
Ion Ratio Lower Upper
114 100
63 19.0 0.0 39.6
88 15.0 0.0 29.0





#35

Dibromofluoromethane

Concen: 53.697 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN075108.D

Acq: 02 Nov 2022 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 54440

Ion Ratio Lower Upper

113 100

111 102.2 80.5 120.7

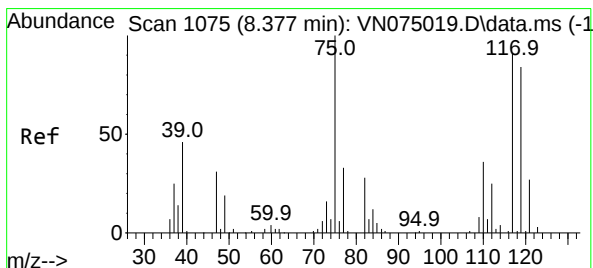
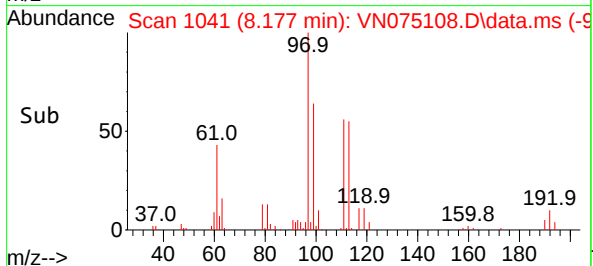
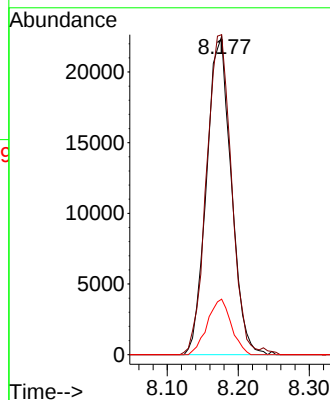
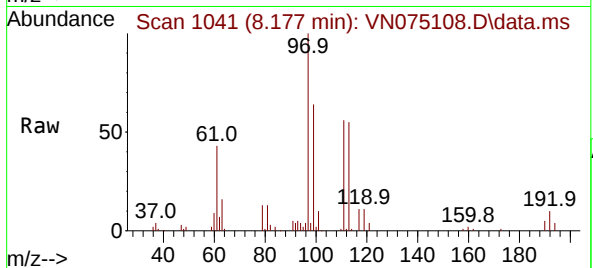
192 16.9 13.2 19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#36

1,1-Dichloropropene

Concen: 52.797 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN075108.D

Acq: 02 Nov 2022 11:19

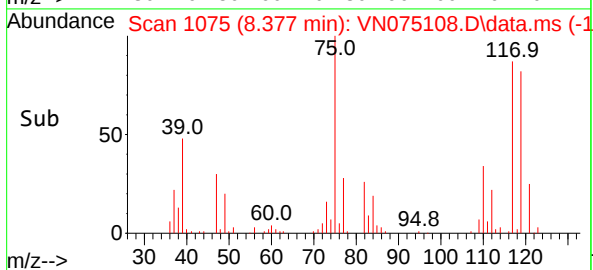
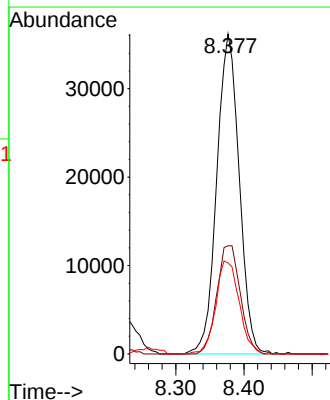
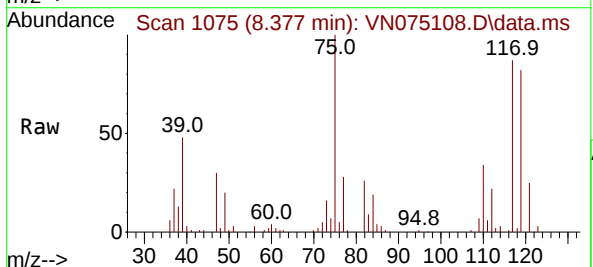
Tgt Ion: 75 Resp: 82871

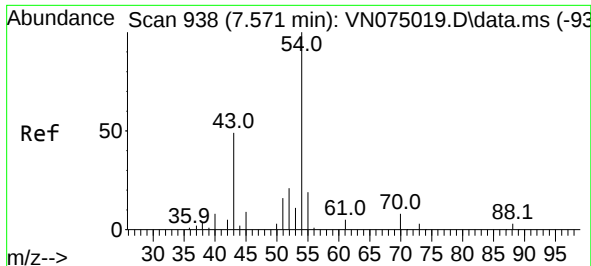
Ion Ratio Lower Upper

75 100

110 35.4 17.8 53.3

77 30.4 24.6 37.0





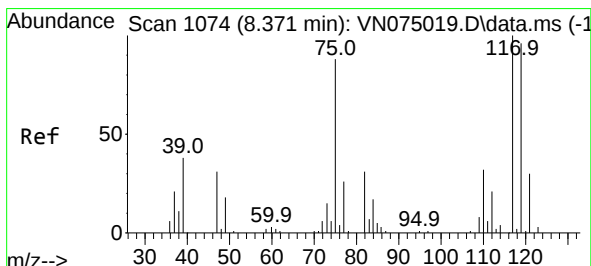
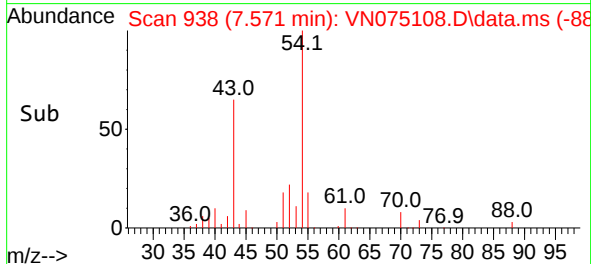
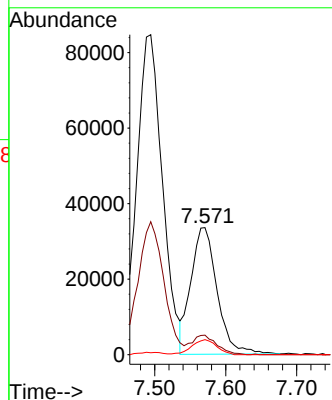
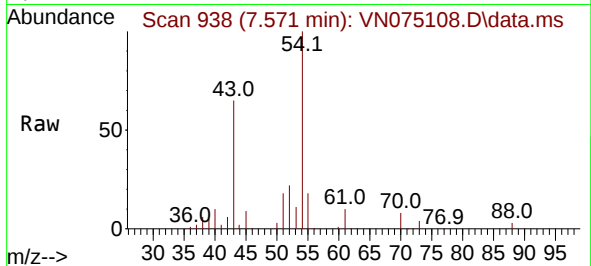
#37
Ethyl Acetate
Concen: 50.109 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 86250
Ion Ratio Lower Upper
43 100
61 14.7 12.2 18.4
70 11.3 9.4 14.2

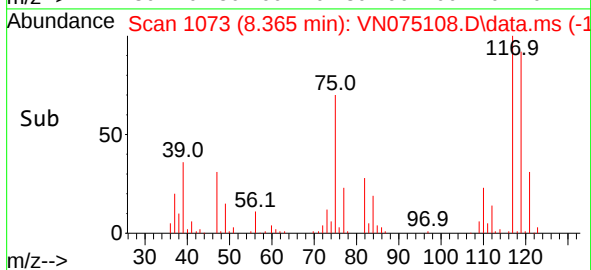
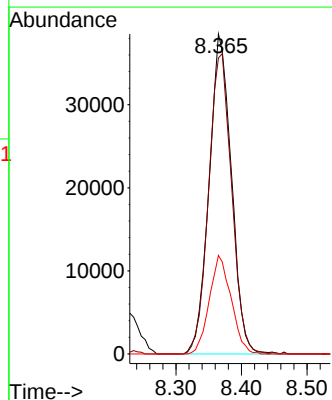
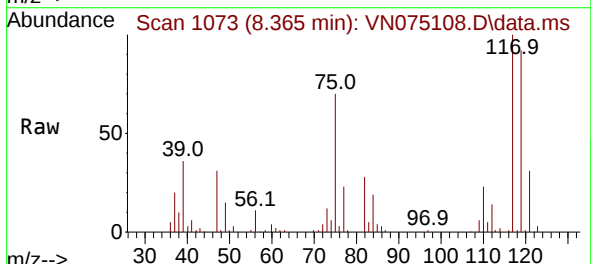
Manual Integrations
APPROVED

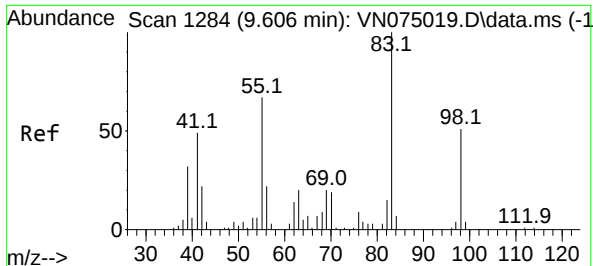
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#38
Carbon Tetrachloride
Concen: 52.714 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

Tgt Ion:117 Resp: 91014
Ion Ratio Lower Upper
117 100
119 92.5 76.7 115.1
121 30.8 23.9 35.9





#39

Methylcyclohexane

Concen: 51.257 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075108.D

Acq: 02 Nov 2022 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 10621

Ion Ratio Lower Upper

83 100

55 70.2 53.6 80.4

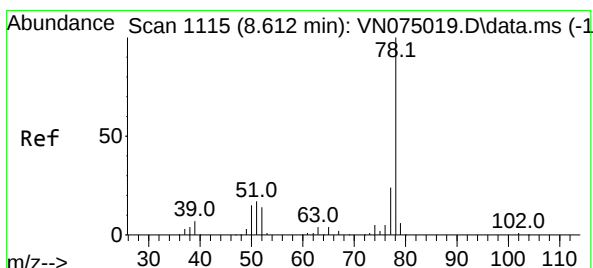
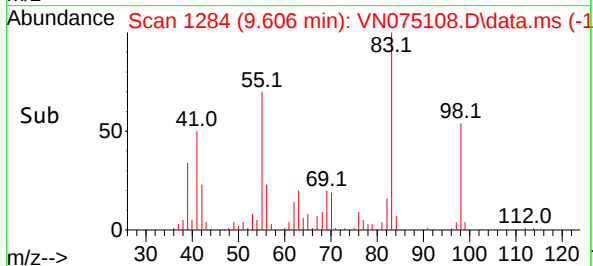
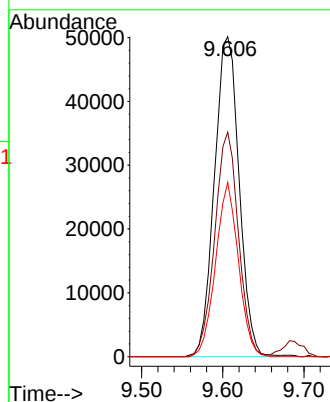
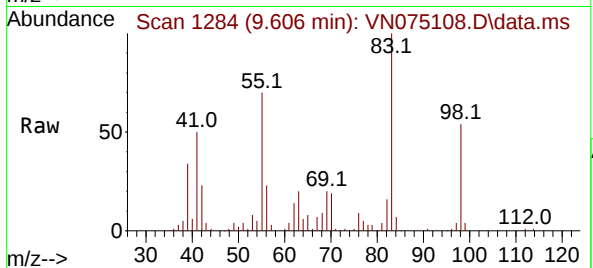
98 54.4 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#40

Benzene

Concen: 52.061 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075108.D

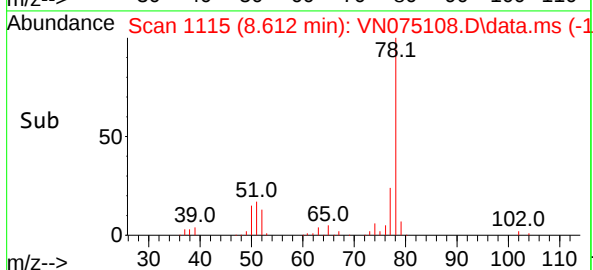
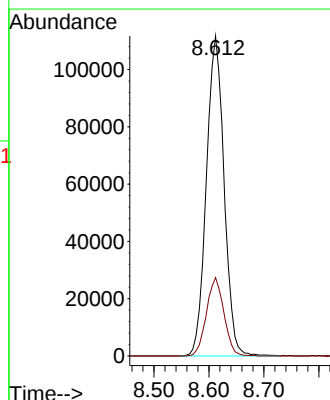
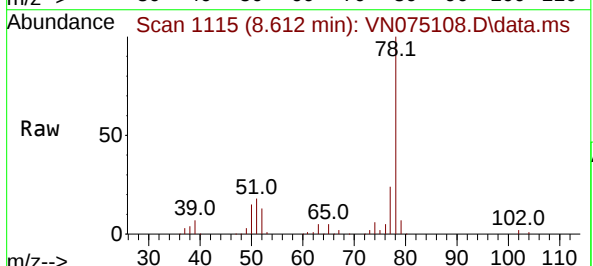
Acq: 02 Nov 2022 11:19

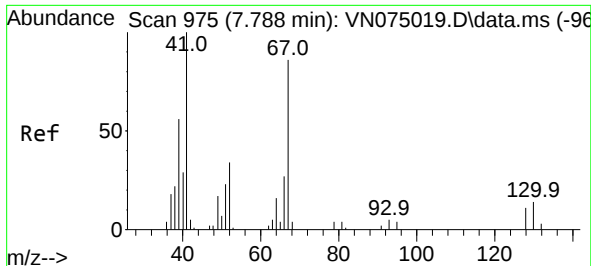
Tgt Ion: 78 Resp: 250201

Ion Ratio Lower Upper

78 100

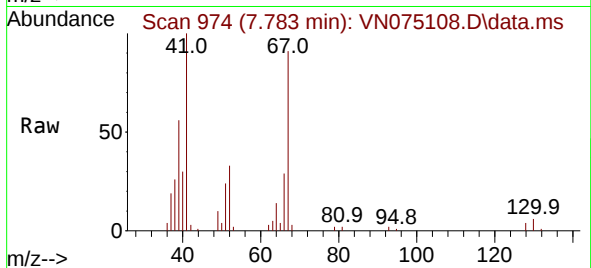
77 24.5 19.4 29.0





#41
Methacrylonitrile
Concen: 52.988 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.005 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

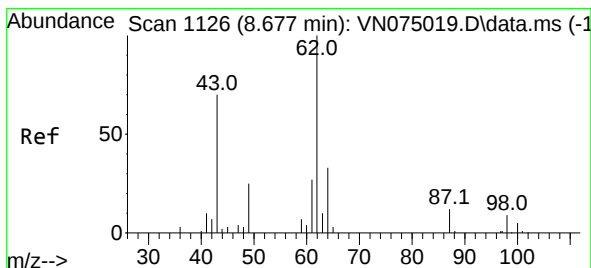
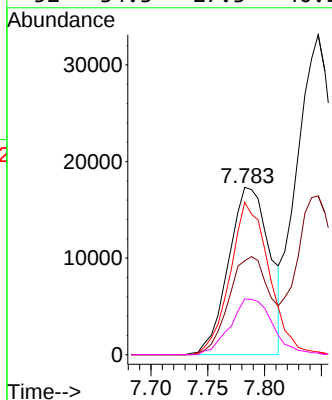
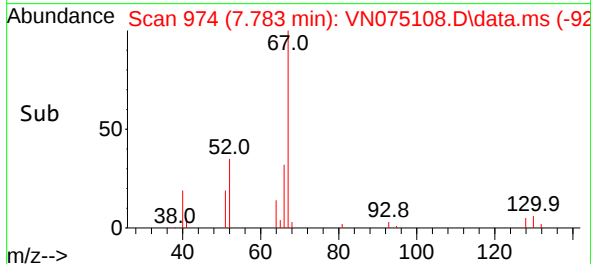
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 4369
Ion Ratio Lower Upper
41 100
39 58.4 44.4 66.6
67 86.8 69.8 104.6
52 34.3 27.3 40.9

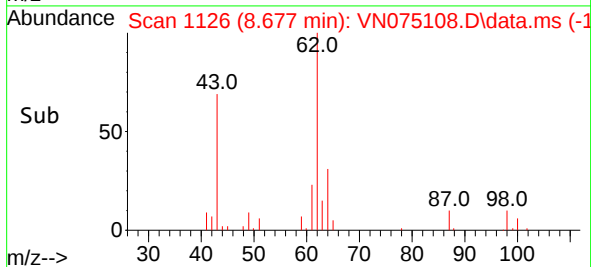
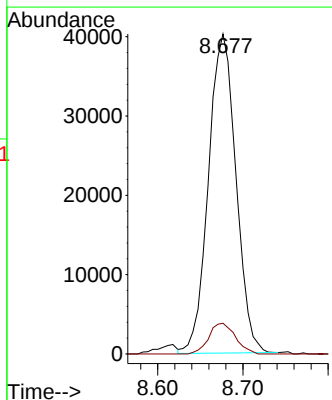
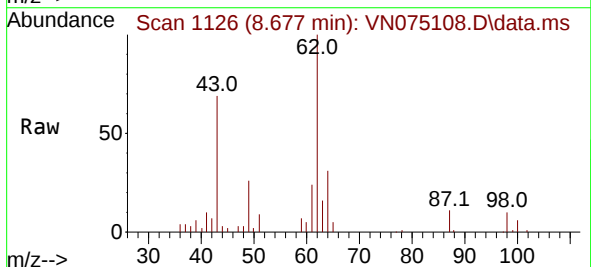
Manual Integrations
APPROVED

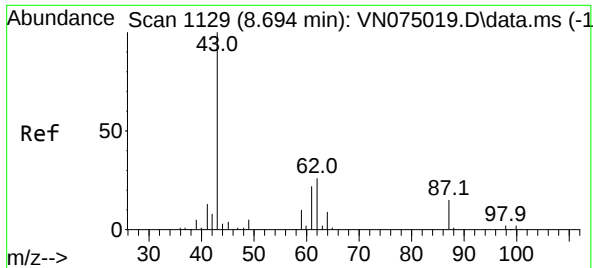
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#42
1,2-Dichloroethane
Concen: 51.647 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

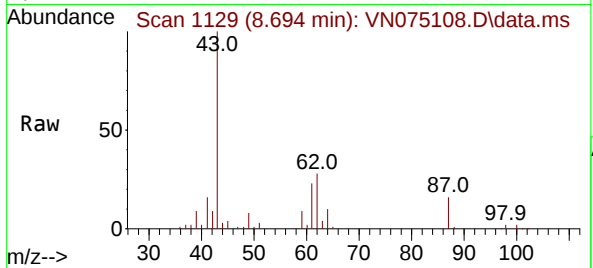
Tgt Ion: 62 Resp: 90304
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.2





#43
Isopropyl Acetate
Concen: 51.863 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

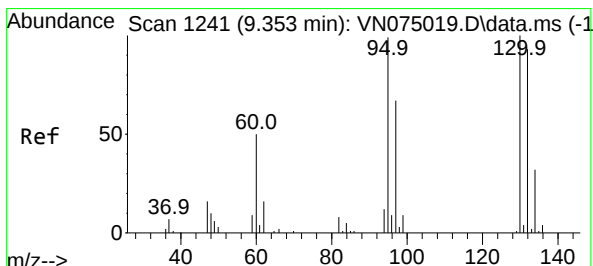
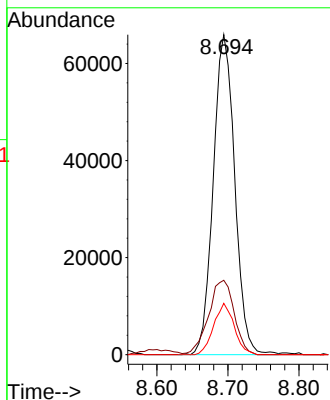
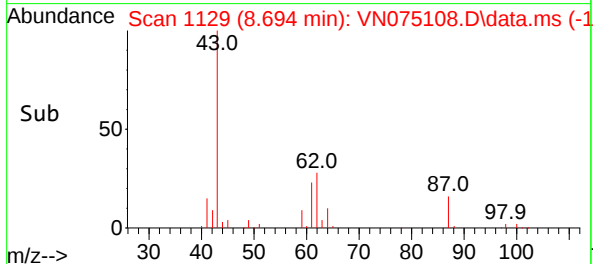
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 138470
Ion Ratio Lower Upper
43 100
61 27.8 22.4 33.6
87 15.3 12.5 18.7

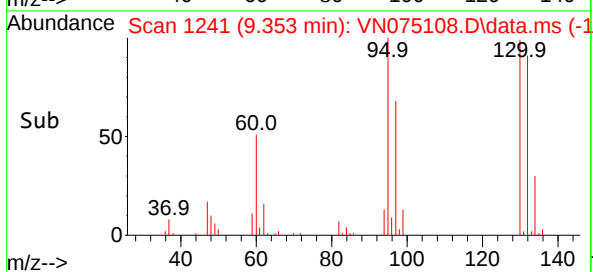
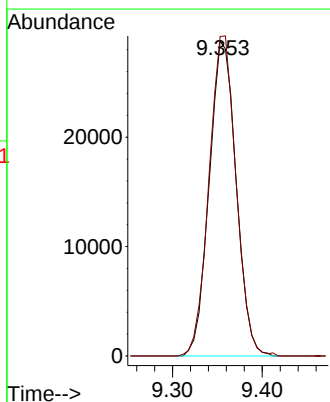
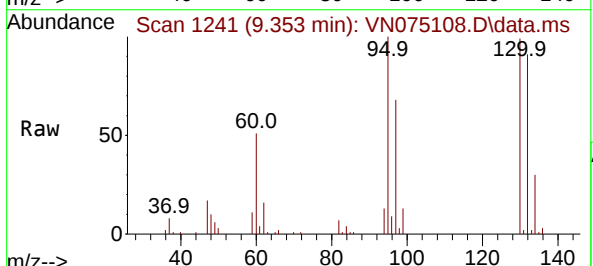
Manual Integrations
APPROVED

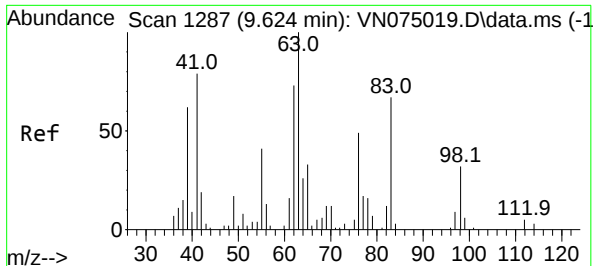
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#44
Trichloroethene
Concen: 49.675 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

Tgt Ion:130 Resp: 59895
Ion Ratio Lower Upper
130 100
95 101.5 0.0 198.4





#45

1,2-Dichloropropane

Concen: 53.552 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075108.D

Acq: 02 Nov 2022 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 6124

Ion Ratio Lower Upper

63 100

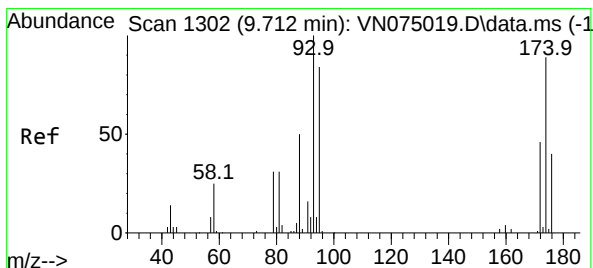
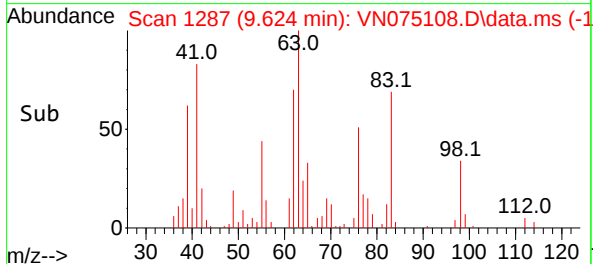
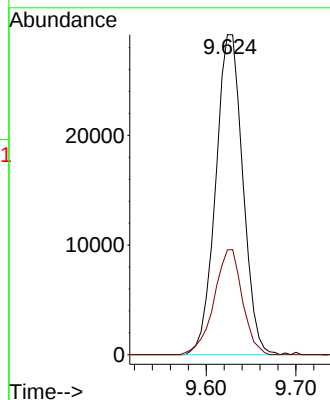
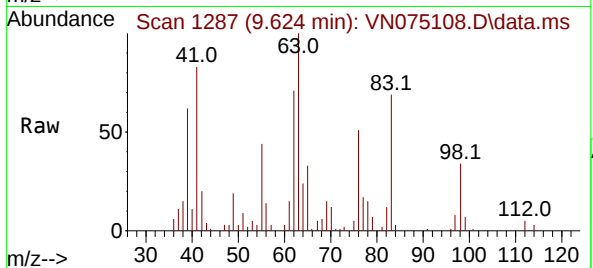
65 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#46

Dibromomethane

Concen: 51.057 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075108.D

Acq: 02 Nov 2022 11:19

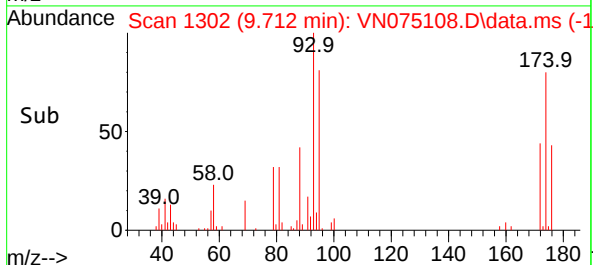
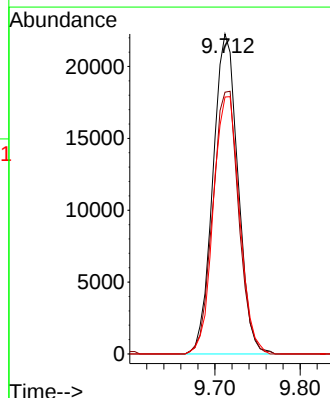
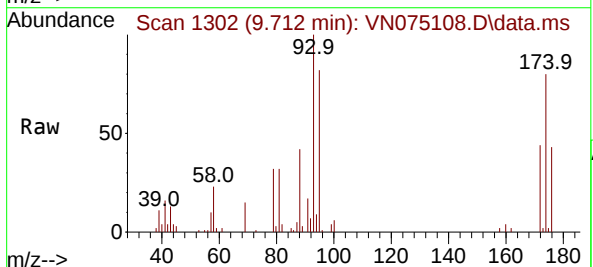
Tgt Ion: 93 Resp: 45494

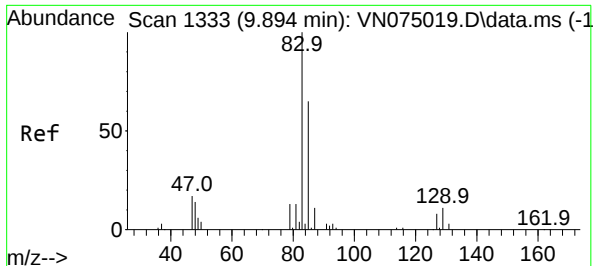
Ion Ratio Lower Upper

93 100

95 85.0 66.6 99.8

174 84.1 70.3 105.5





#47

Bromodichloromethane

Concen: 53.483 ug/l

RT: 9.894 min Scan# 1333

Delta R.T. 0.000 min

Lab File: VN075108.D

Acq: 02 Nov 2022 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

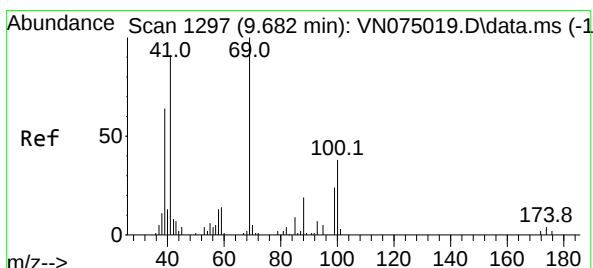
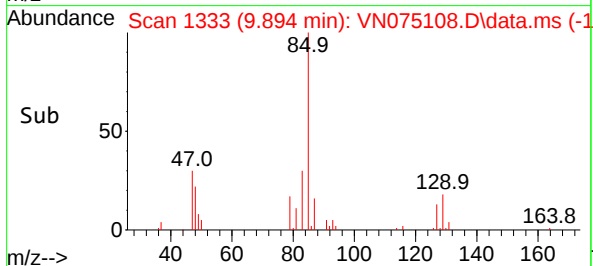
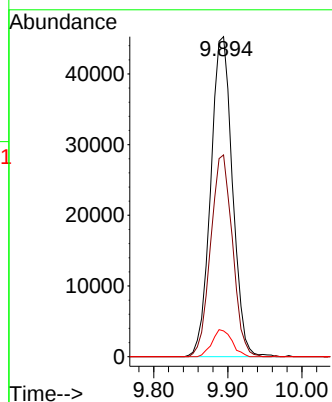
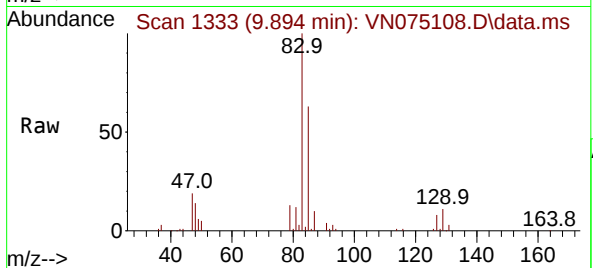
Tgt Ion:	83	Resp:	9228
Ion Ratio	Lower	Upper	
83	100		
85	63.1	52.1	78.1
127	8.0	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#48

Methyl methacrylate

Concen: 52.103 ug/l

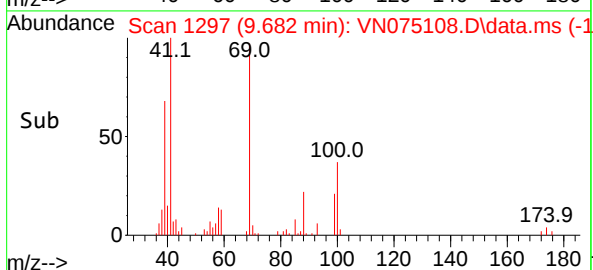
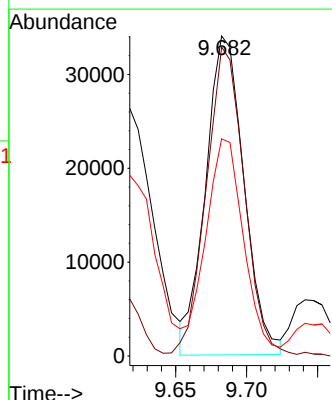
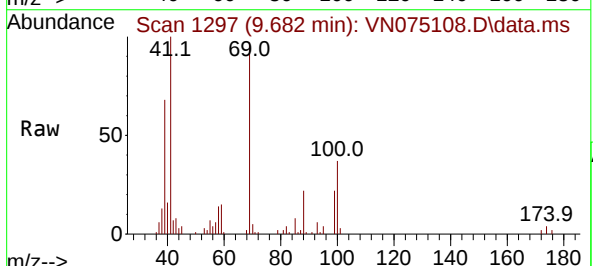
RT: 9.682 min Scan# 1297

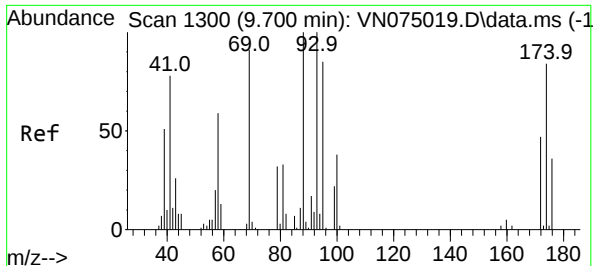
Delta R.T. 0.000 min

Lab File: VN075108.D

Acq: 02 Nov 2022 11:19

Tgt Ion:	41	Resp:	63815
Ion Ratio	Lower	Upper	
41	100		
69	95.1	80.2	120.2
39	68.1	56.2	84.2





#49

1,4-Dioxane

Concen: 1006.529 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN075108.D

Acq: 02 Nov 2022 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 3228

Ion Ratio Lower Upper

88 100

43 22.0 17.5 26.3

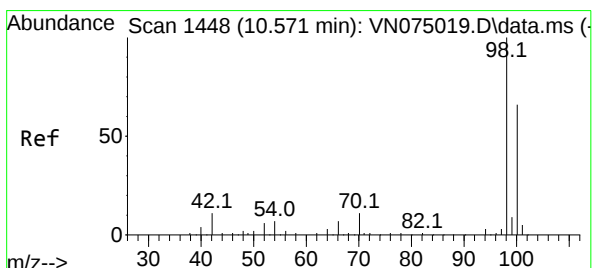
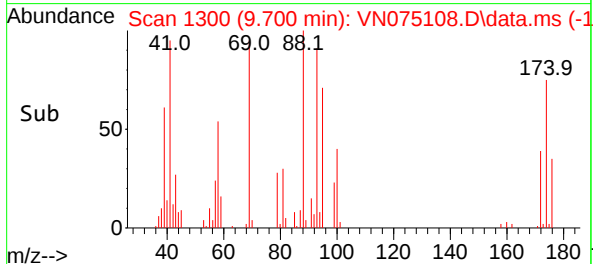
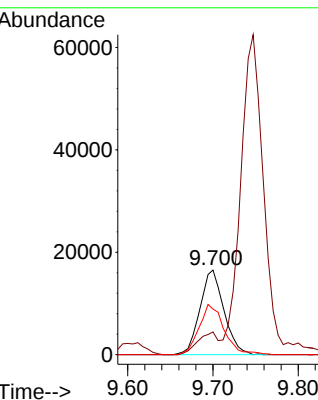
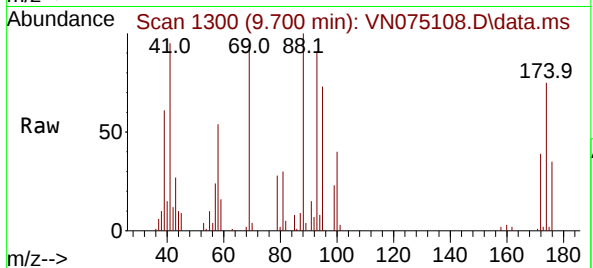
58 62.2 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#50

Toluene-d8

Concen: 55.078 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075108.D

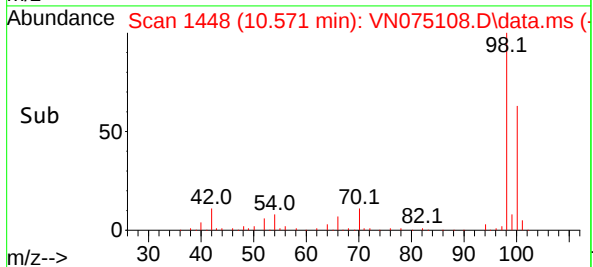
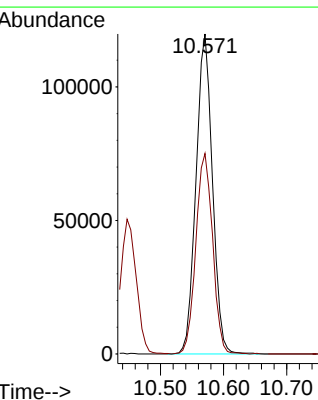
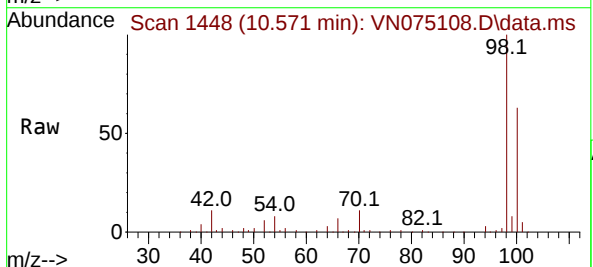
Acq: 02 Nov 2022 11:19

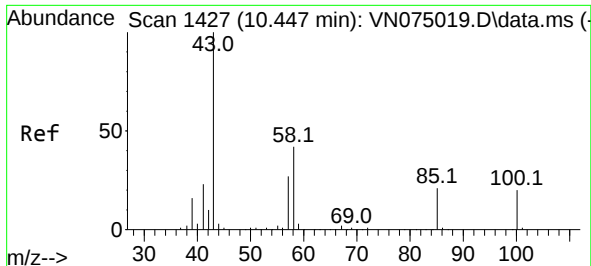
Tgt Ion: 98 Resp: 216645

Ion Ratio Lower Upper

98 100

100 63.9 53.0 79.6





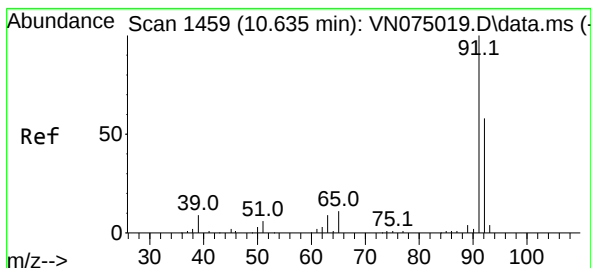
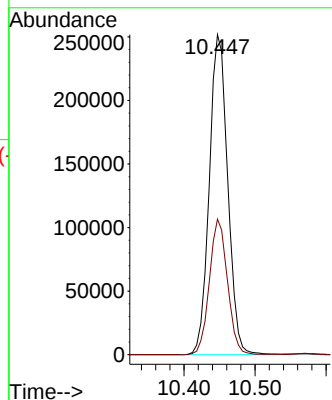
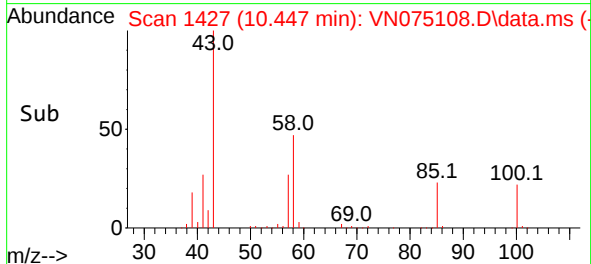
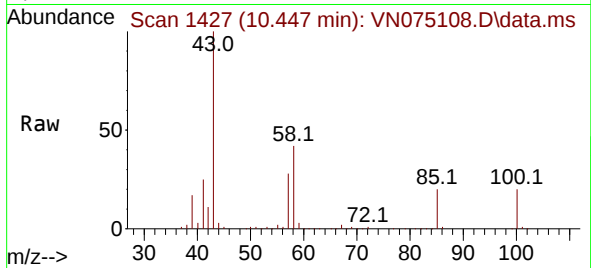
#51
4-Methyl-2-Pentanone
Concen: 263.424 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 453878
Ion Ratio Lower Upper
43 100
58 41.5 33.6 50.4

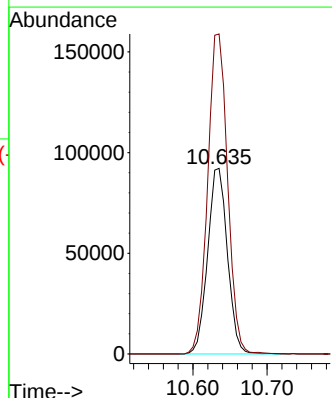
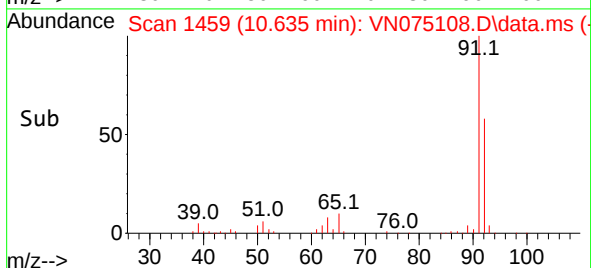
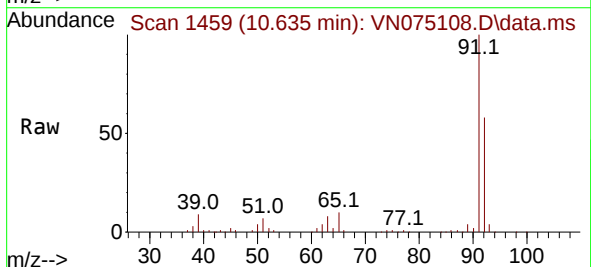
Manual Integrations
APPROVED

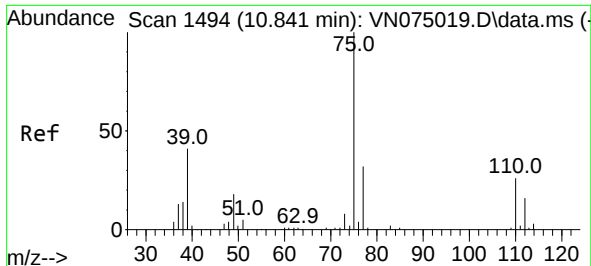
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#52
Toluene
Concen: 53.157 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

Tgt Ion: 92 Resp: 170771
Ion Ratio Lower Upper
92 100
91 173.8 135.4 203.2





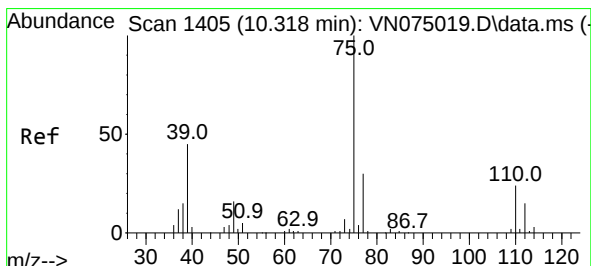
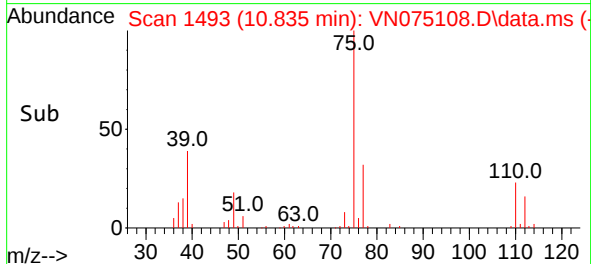
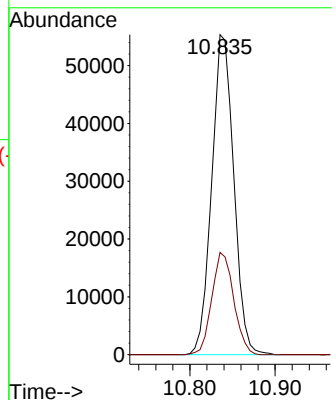
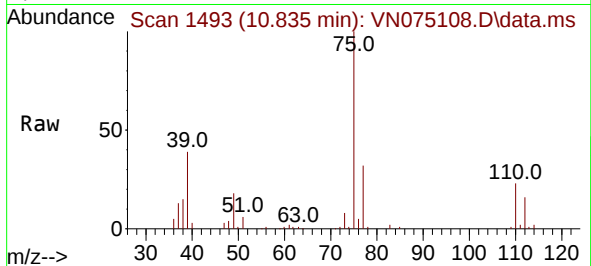
#53
t-1,3-Dichloropropene
Concen: 54.751 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 99720
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2

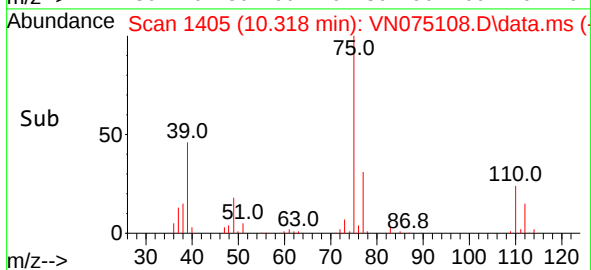
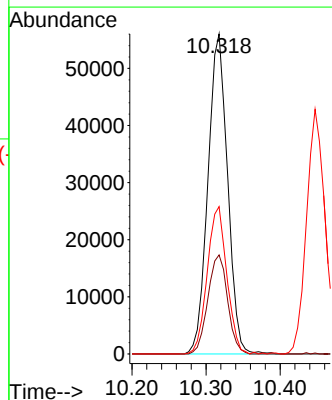
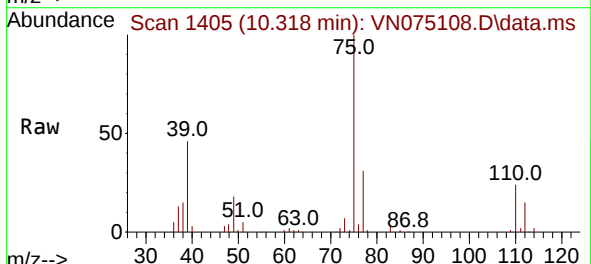
Manual Integrations
APPROVED

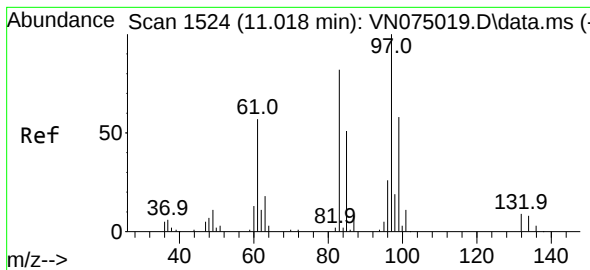
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#54
cis-1,3-Dichloropropene
Concen: 53.325 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. -0.000 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

Tgt Ion: 75 Resp: 103011
Ion Ratio Lower Upper
75 100
77 31.0 23.7 35.5
39 46.0 35.8 53.6





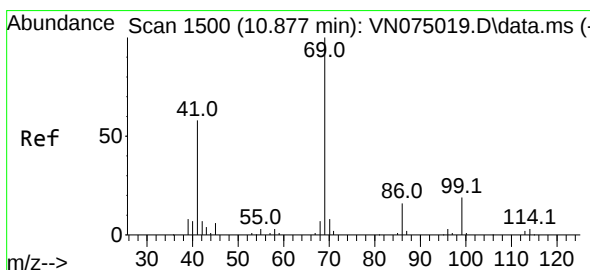
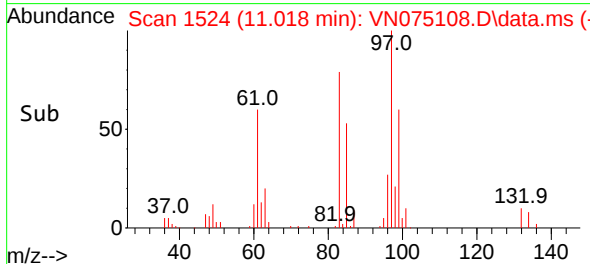
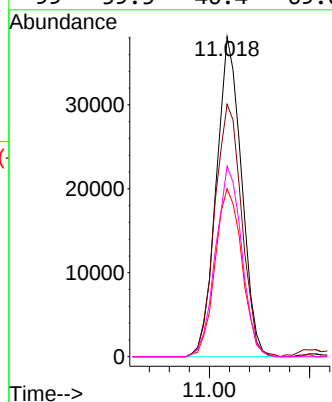
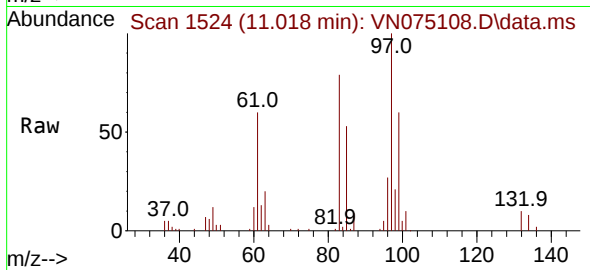
#55
1,1,2-Trichloroethane
Concen: 52.139 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 97	Resp: 6641
Ion Ratio	Lower Upper
97 100	
83 78.8	65.9 98.9
85 52.5	40.4 60.6
99 59.5	46.4 69.6

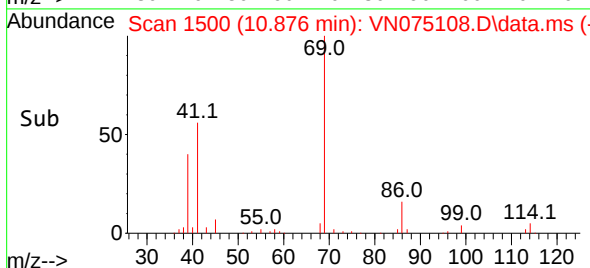
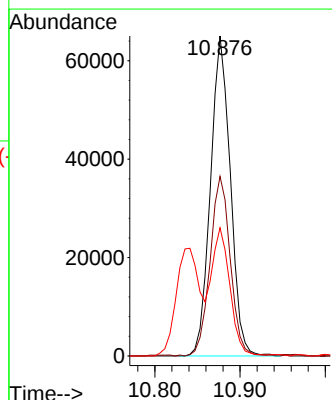
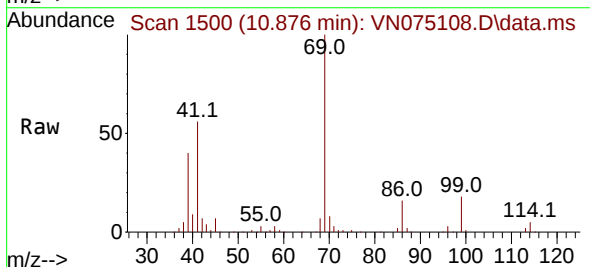
Manual Integrations
APPROVED

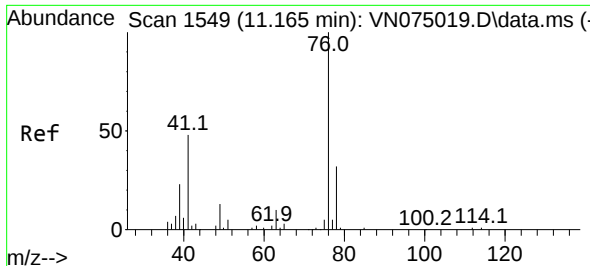
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#56
Ethyl methacrylate
Concen: 54.153 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

Tgt Ion: 69	Resp: 105222
Ion Ratio	Lower Upper
69 100	
41 57.1	45.6 68.4
39 36.3	28.5 42.7





#57

1,3-Dichloropropane

Concen: 53.301 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075108.D

Acq: 02 Nov 2022 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 113069

Ion Ratio Lower Upper

76 100

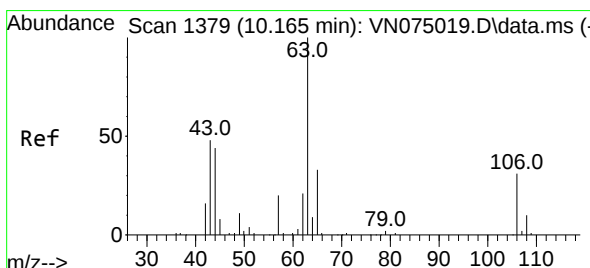
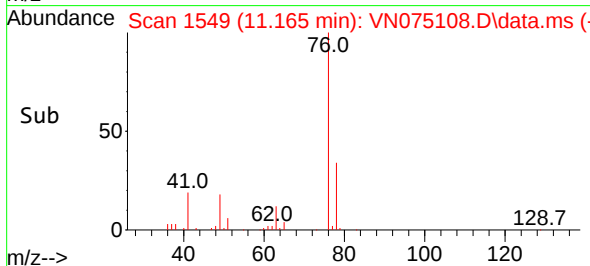
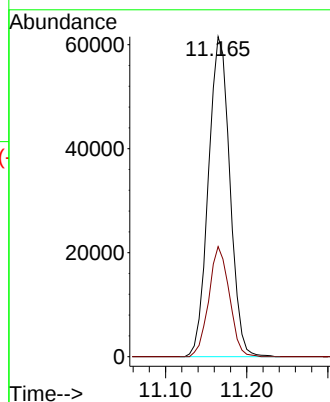
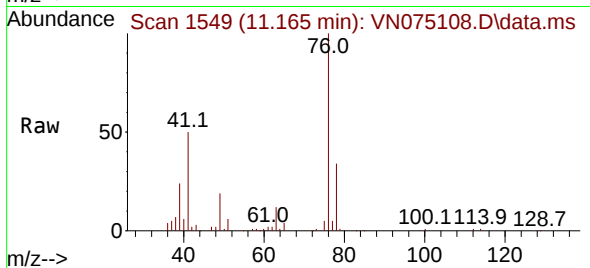
78 32.9 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#58

2-Chloroethyl Vinyl ether

Concen: 272.276 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN075108.D

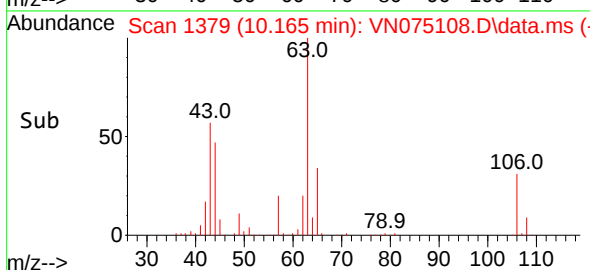
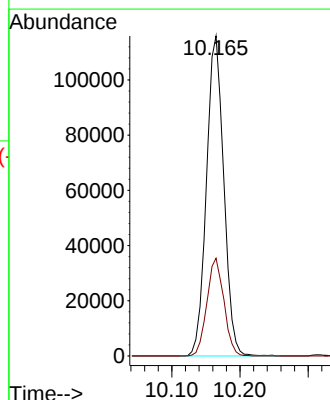
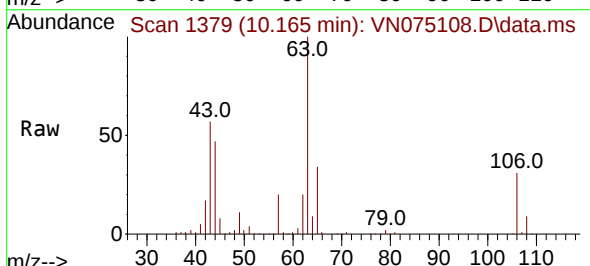
Acq: 02 Nov 2022 11:19

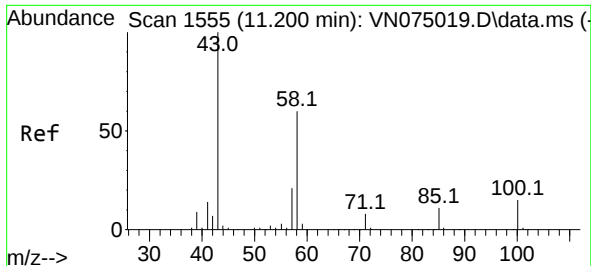
Tgt Ion: 63 Resp: 204529

Ion Ratio Lower Upper

63 100

106 30.0 24.8 37.2





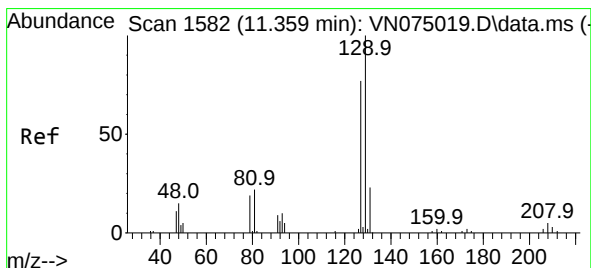
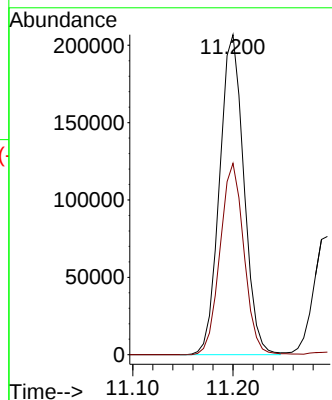
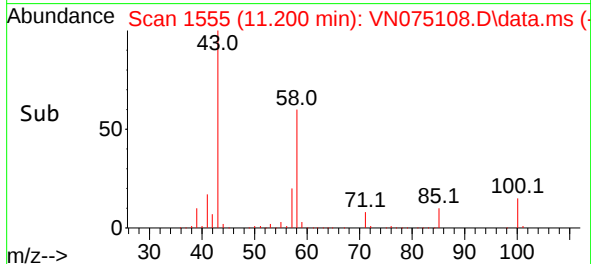
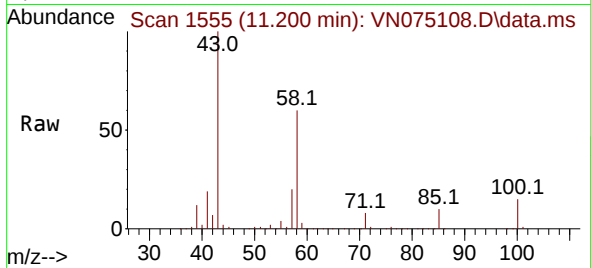
#59
2-Hexanone
Concen: 265.914 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 347734
Ion Ratio Lower Upper
43 100
58 58.7 29.6 88.8

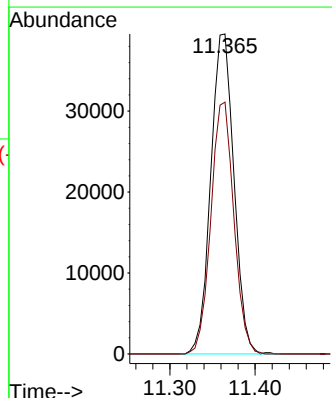
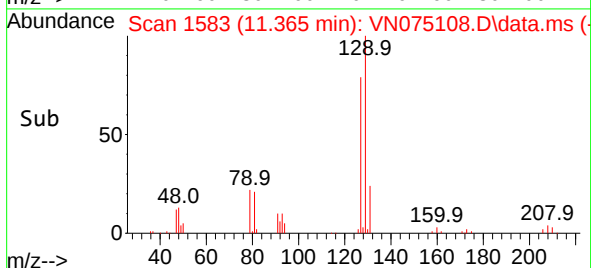
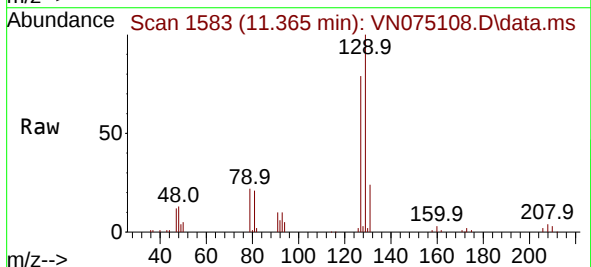
Manual Integrations
APPROVED

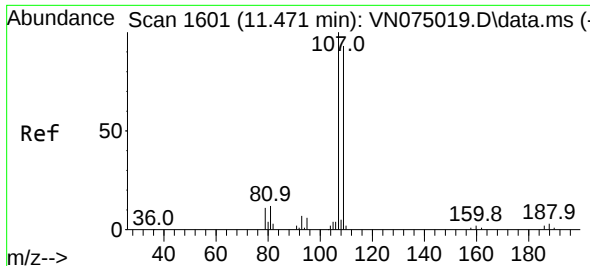
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#60
Dibromochloromethane
Concen: 55.574 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

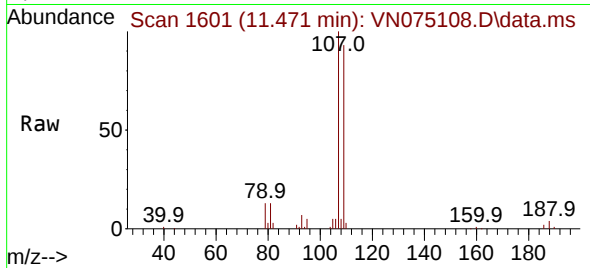
Tgt Ion:129 Resp: 74688
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.8





#61
1,2-Dibromoethane
Concen: 54.167 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

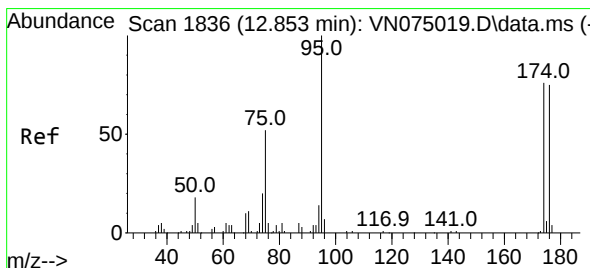
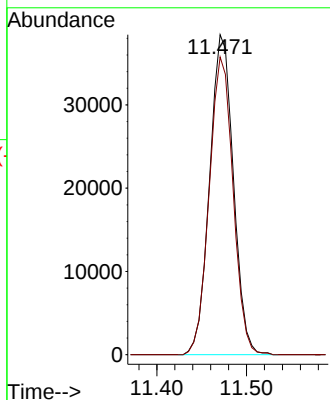
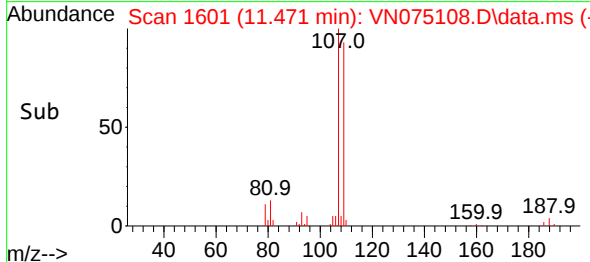
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 7071
Ion Ratio Lower Upper
107 100
109 93.3 75.6 113.4

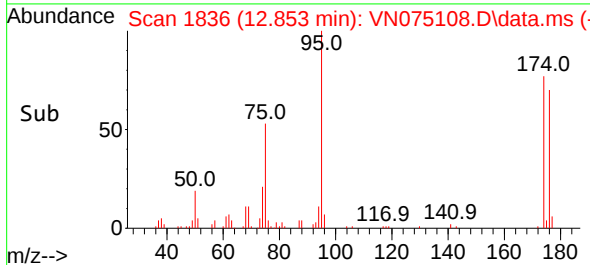
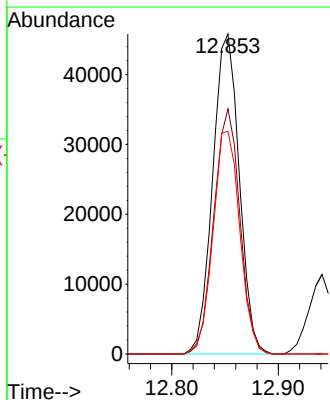
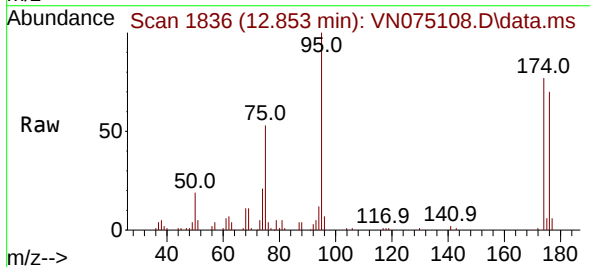
Manual Integrations
APPROVED

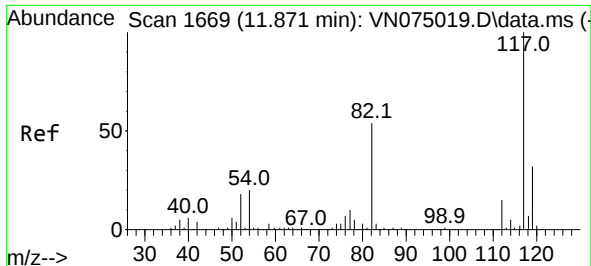
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#62
4-Bromofluorobenzene
Concen: 57.326 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

Tgt Ion: 95 Resp: 79210
Ion Ratio Lower Upper
95 100
174 75.2 0.0 147.4
176 70.4 0.0 142.2





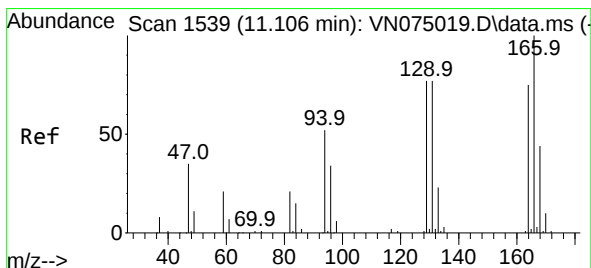
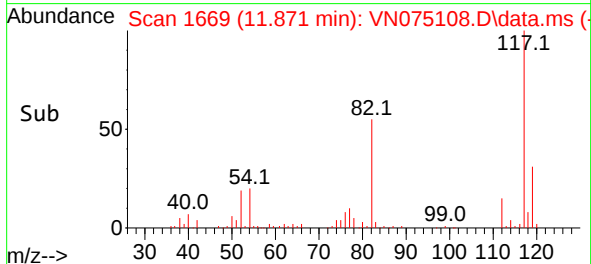
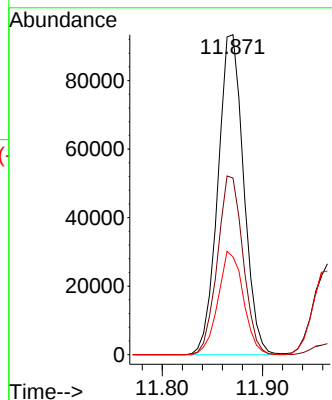
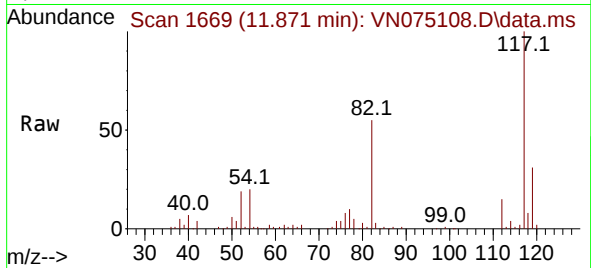
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.001 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 166460
Ion Ratio Lower Upper
117 100
82 55.2 43.1 64.7
119 30.6 25.5 38.3

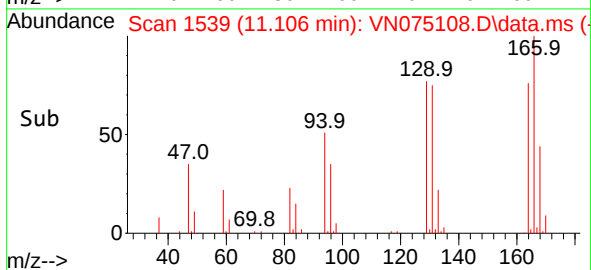
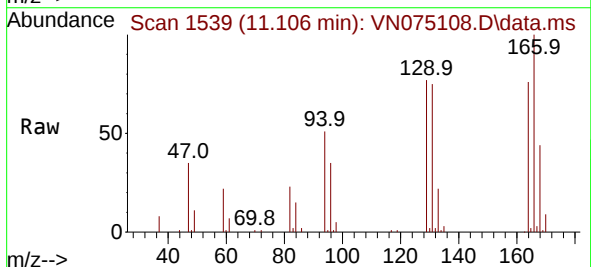
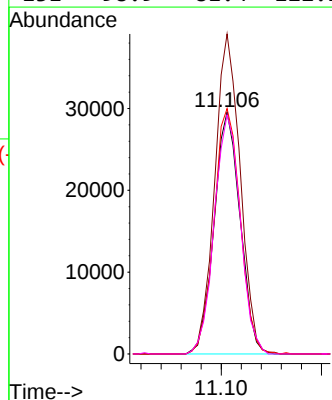
Manual Integrations
APPROVED

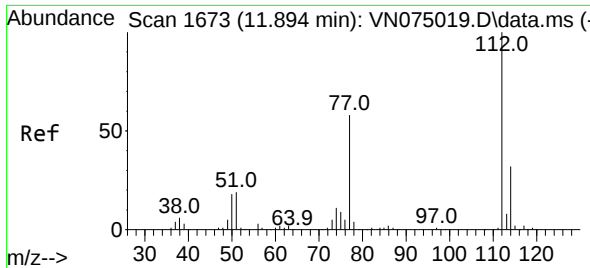
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#64
Tetrachloroethene
Concen: 52.049 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

Tgt Ion:164 Resp: 53120
Ion Ratio Lower Upper
164 100
166 132.4 106.5 159.7
129 101.6 81.9 122.9
131 98.9 81.4 122.2





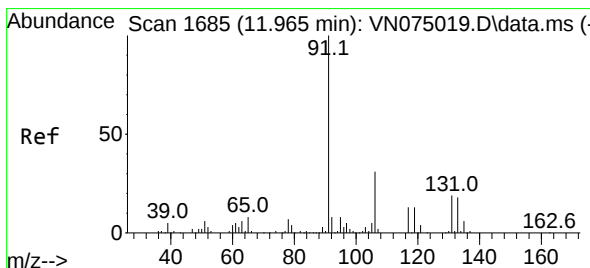
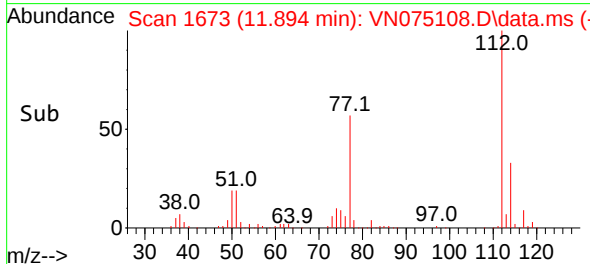
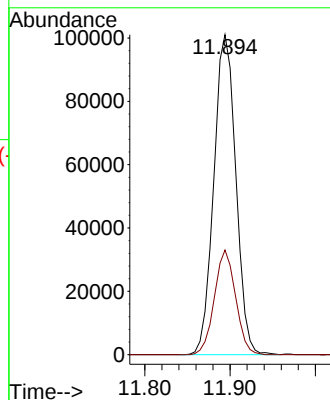
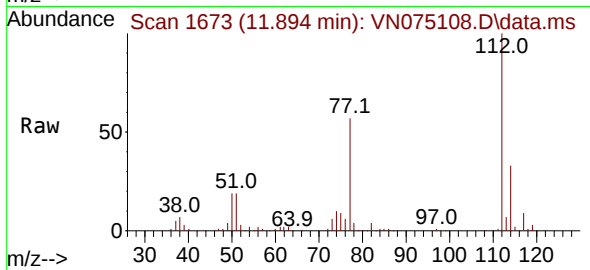
#65
Chlorobenzene
Concen: 51.112 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 18161
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.2

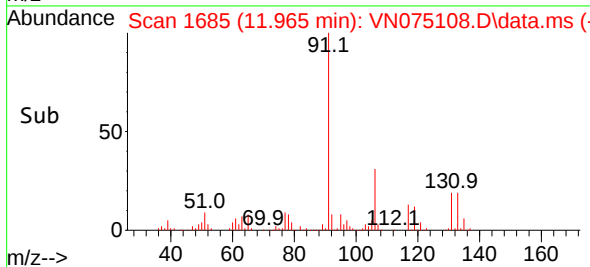
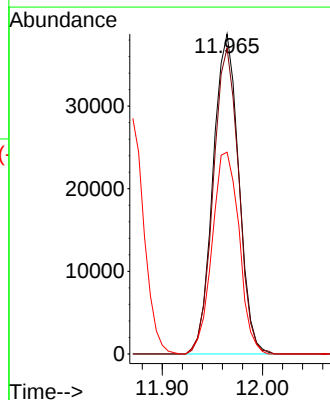
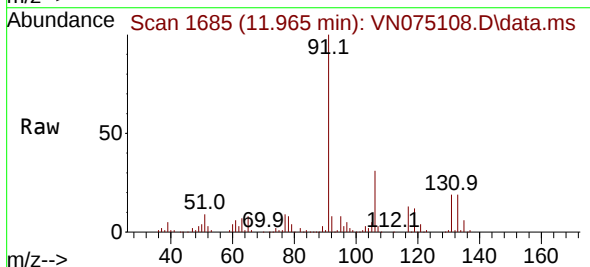
Manual Integrations
APPROVED

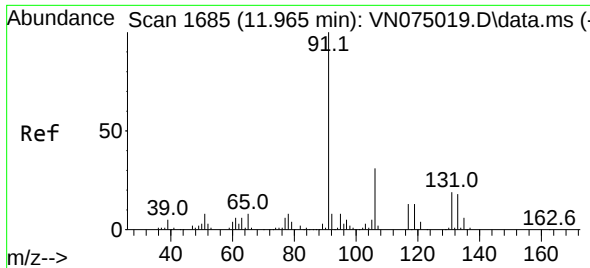
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 52.207 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

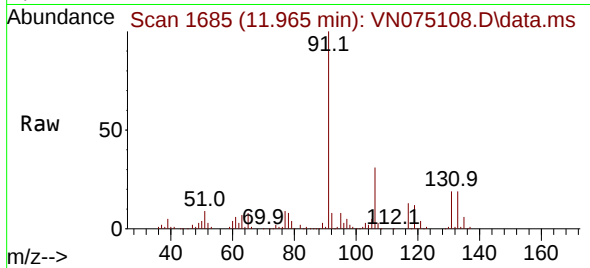
Tgt Ion:131 Resp: 68814
Ion Ratio Lower Upper
131 100
133 95.1 47.8 143.4
119 66.5 33.0 99.0





#67
Ethyl Benzene
Concen: 52.454 ug/l
RT: 11.965 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

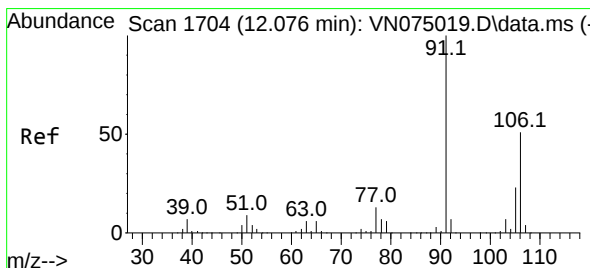
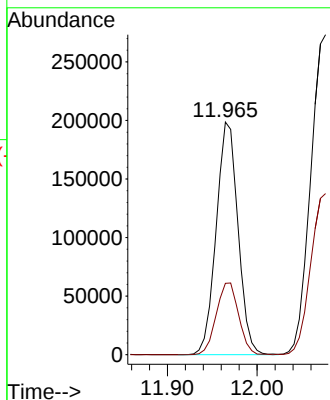
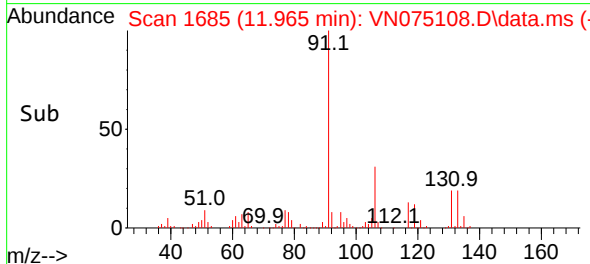
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



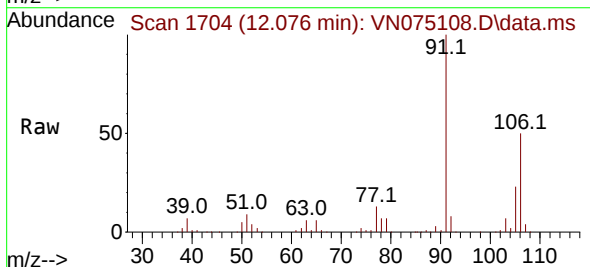
Tgt Ion: 91 Resp: 335329
Ion Ratio Lower Upper
91 100
106 30.7 24.9 37.3

Manual Integrations
APPROVED

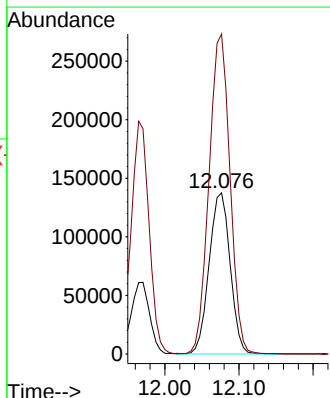
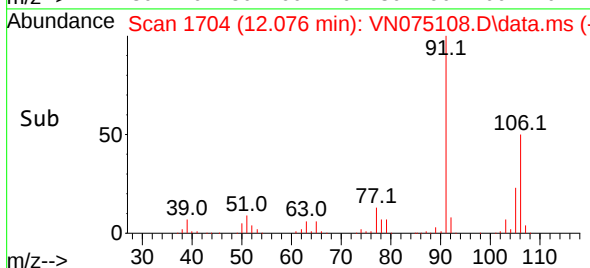
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

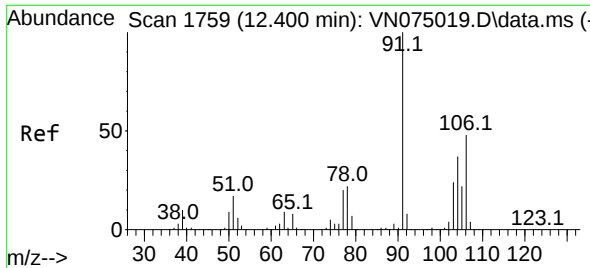


#68
m/p-Xylenes
Concen: 105.579 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19



Tgt Ion:106 Resp: 270822
Ion Ratio Lower Upper
106 100
91 198.0 156.0 234.0





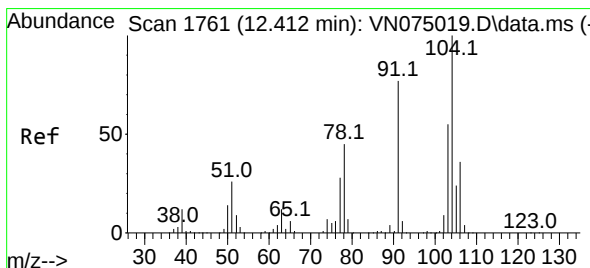
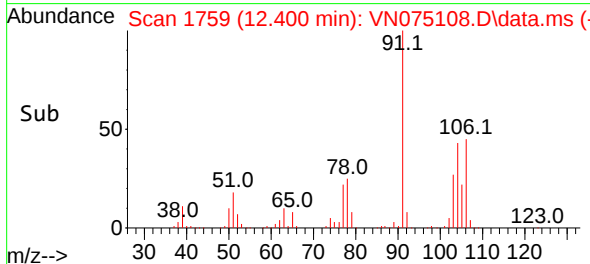
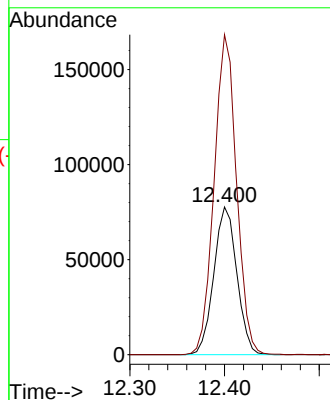
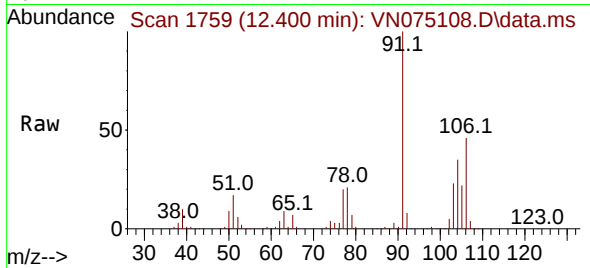
#69
o-Xylene
Concen: 51.801 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 13140
Ion Ratio Lower Upper
106 100
91 210.4 105.2 315.5

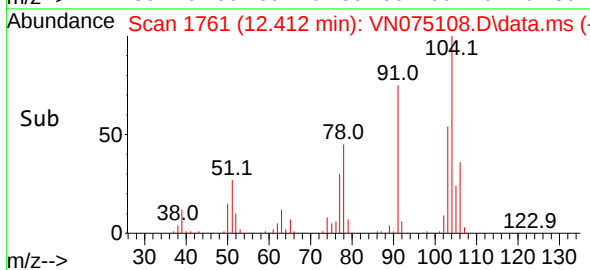
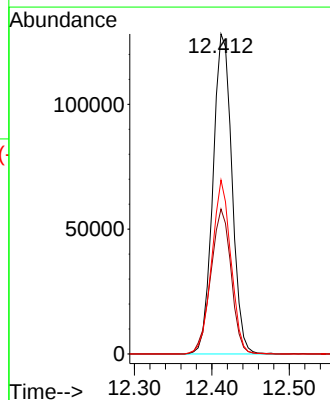
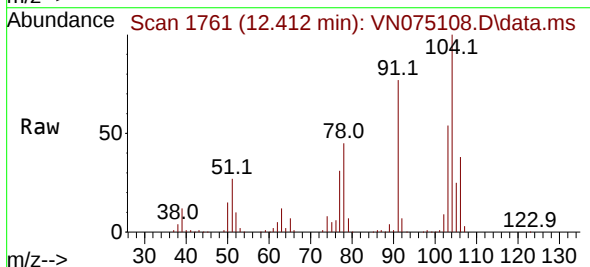
Manual Integrations
APPROVED

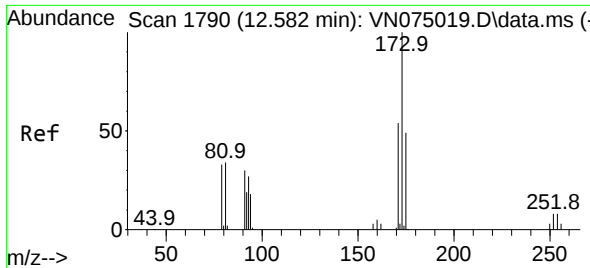
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#70
Styrene
Concen: 54.262 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

Tgt Ion:104 Resp: 219482
Ion Ratio Lower Upper
104 100
78 48.3 38.1 57.1
103 54.8 44.6 66.8





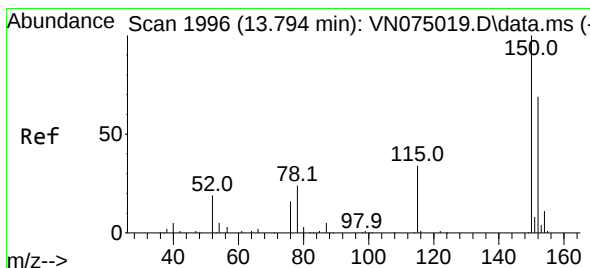
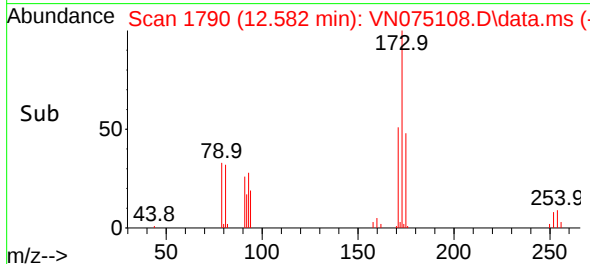
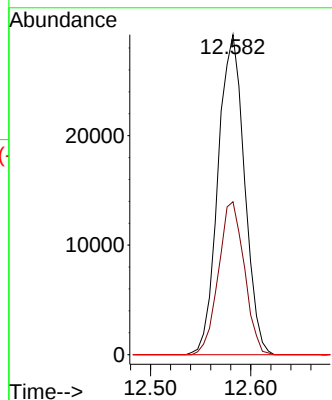
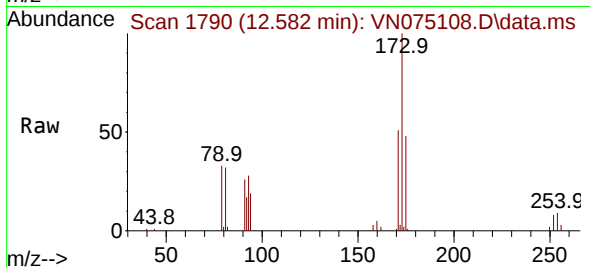
#71
Bromoform
Concen: 54.160 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 53449
Ion Ratio Lower Upper
173 100
175 46.7 24.6 74.0
254 0.0 0.0 0.0

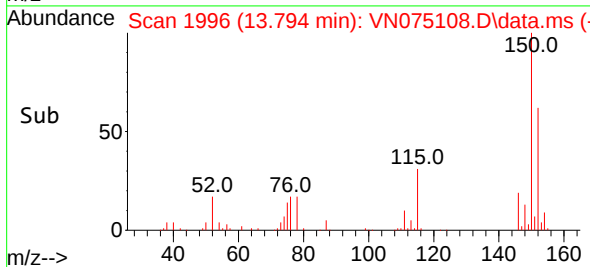
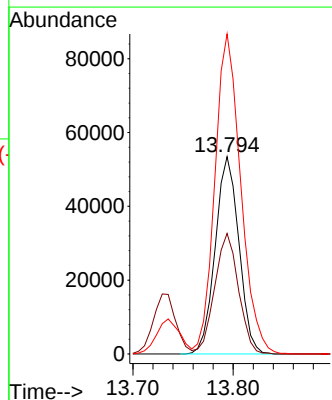
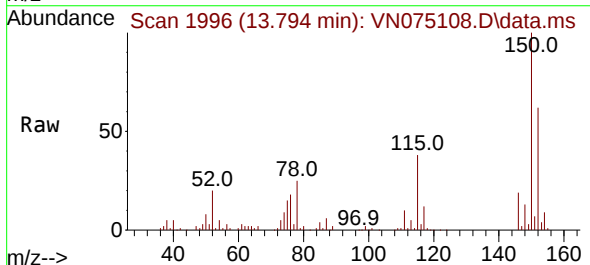
Manual Integrations
APPROVED

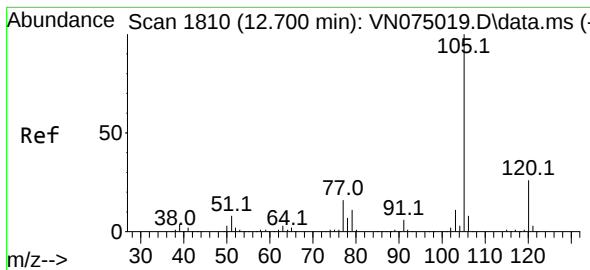
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

Tgt Ion:152 Resp: 87601
Ion Ratio Lower Upper
152 100
115 61.5 30.2 90.6
150 177.2 0.0 348.4





#73

Isopropylbenzene

Concen: 49.290 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VN075108.D

Acq: 02 Nov 2022 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 34664

Ion Ratio Lower Upper

105 100

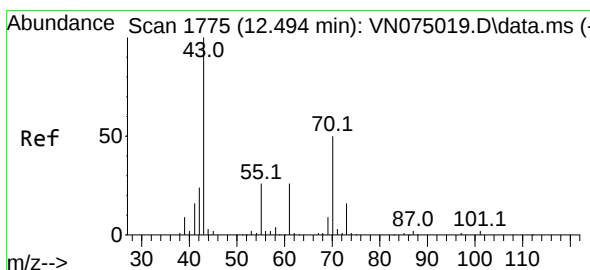
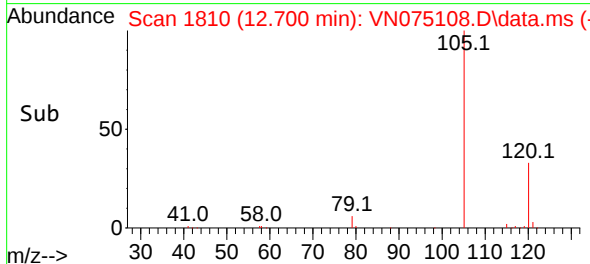
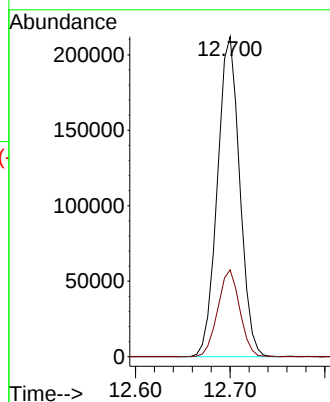
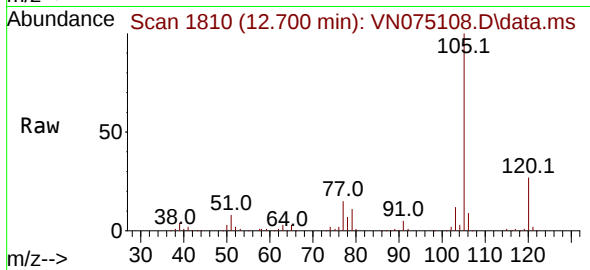
120 26.7 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#74

N-ethyl acetate

Concen: 47.218 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN075108.D

Acq: 02 Nov 2022 11:19

Tgt Ion: 43 Resp: 122818

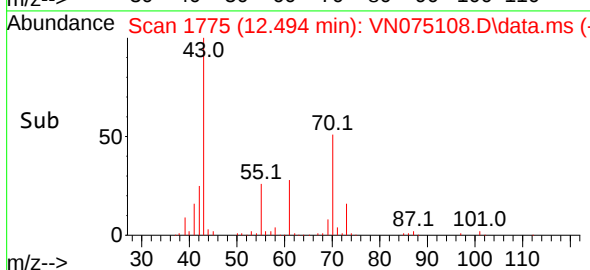
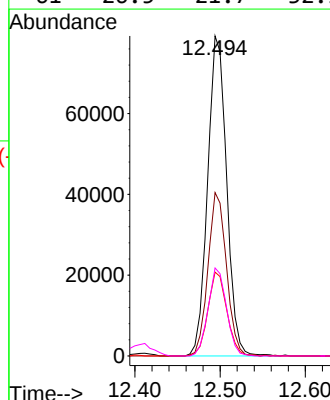
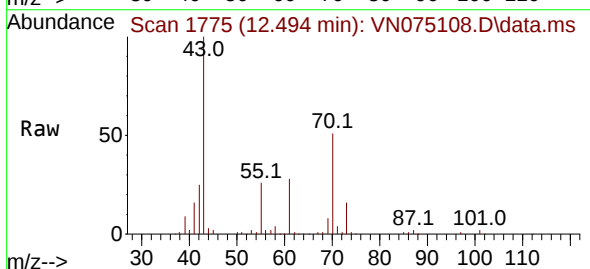
Ion Ratio Lower Upper

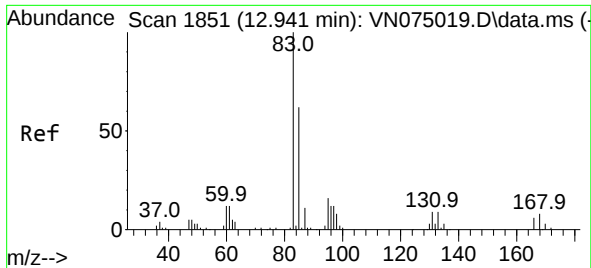
43 100

70 49.7 39.8 59.8

55 26.2 19.9 29.9

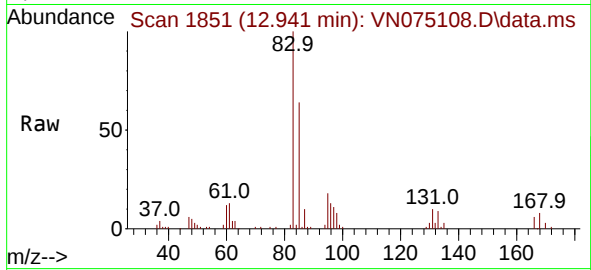
61 26.5 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 54.681 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

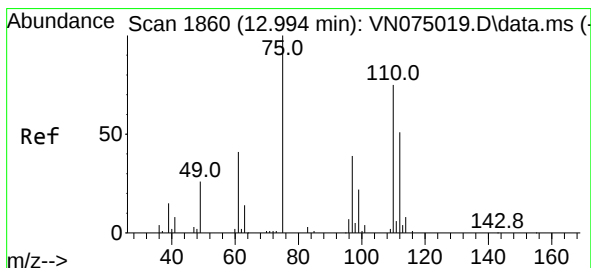
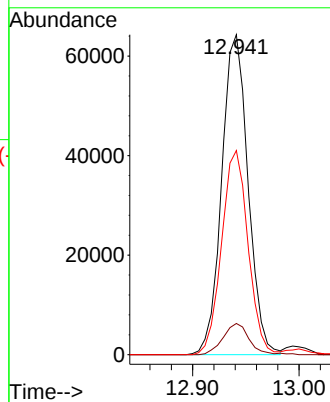
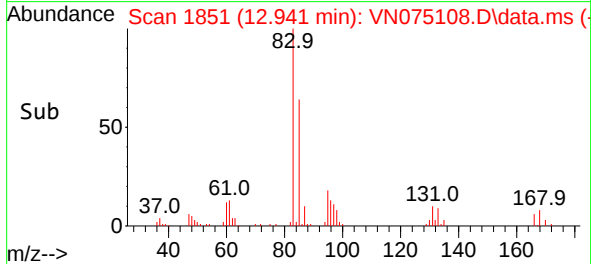
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 110430
Ion Ratio Lower Upper
83 100
131 9.7 5.1 15.3
85 64.0 31.6 94.7

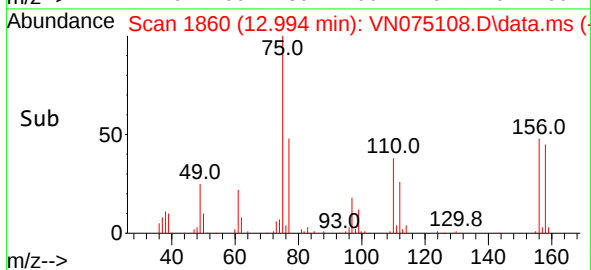
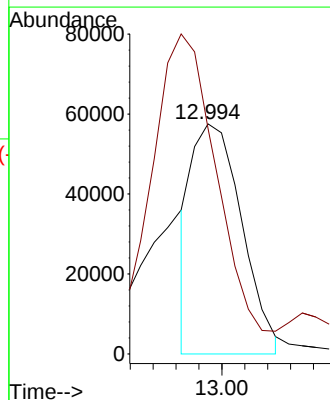
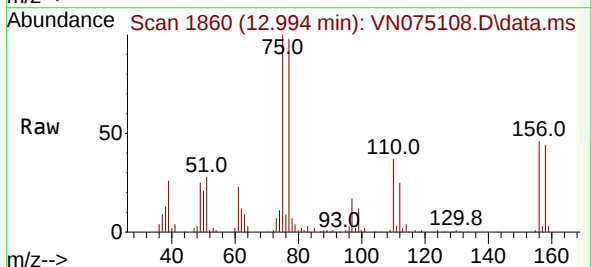
Manual Integrations
APPROVED

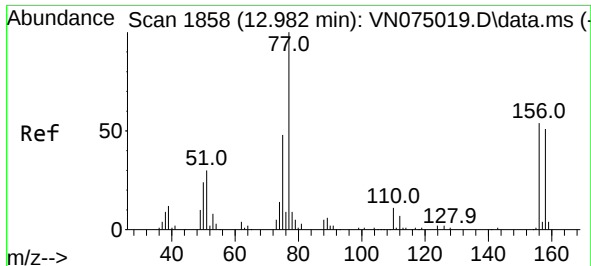
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#76
1,2,3-Trichloropropane
Concen: 46.886 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

Tgt Ion: 75 Resp: 87209
Ion Ratio Lower Upper
75 100
77 188.9 75.6 226.8





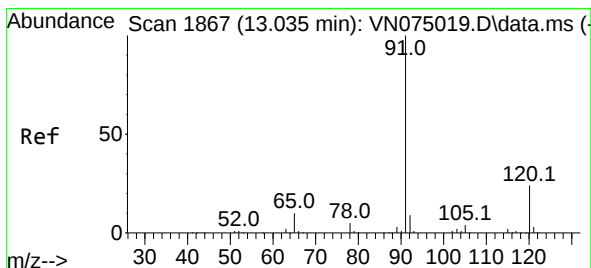
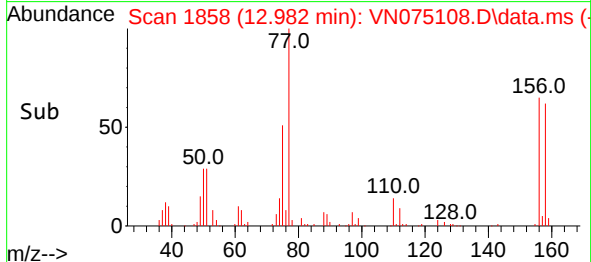
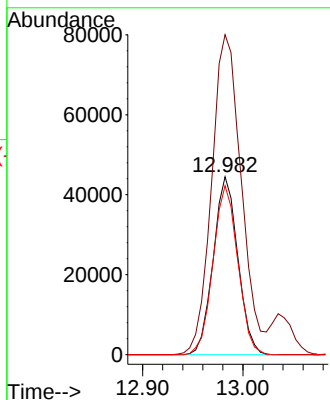
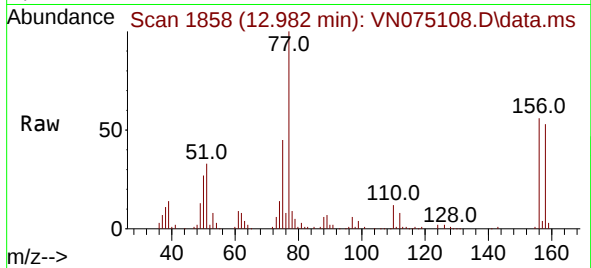
#77
Bromobenzene
Concen: 48.875 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 75684
Ion Ratio Lower Upper
156 100
77 217.6 108.5 325.5
158 95.7 47.7 143.1

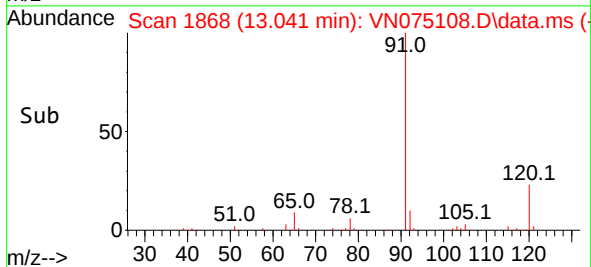
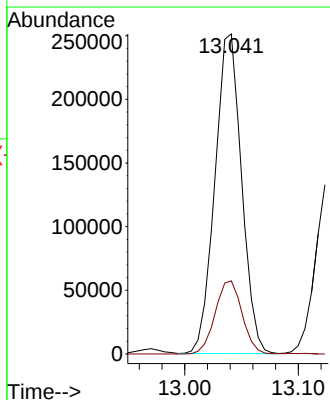
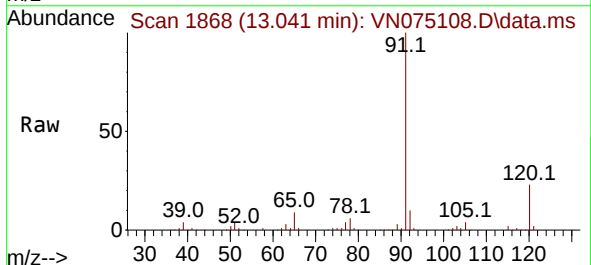
Manual Integrations
APPROVED

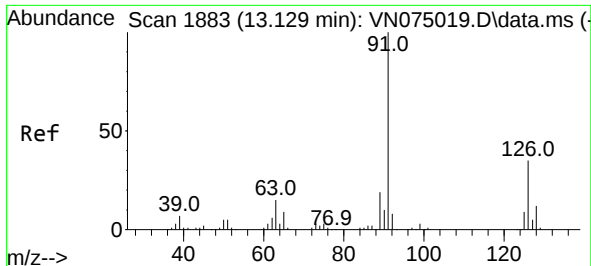
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#78
n-propylbenzene
Concen: 51.866 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

Tgt Ion: 91 Resp: 409525
Ion Ratio Lower Upper
91 100
120 23.0 11.9 35.5





#79

2-Chlorotoluene

Concen: 49.593 ug/l

RT: 13.129 min Scan# 1883

Delta R.T. 0.000 min

Lab File: VN075108.D

Acq: 02 Nov 2022 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 23928

Ion Ratio Lower Upper

91 100

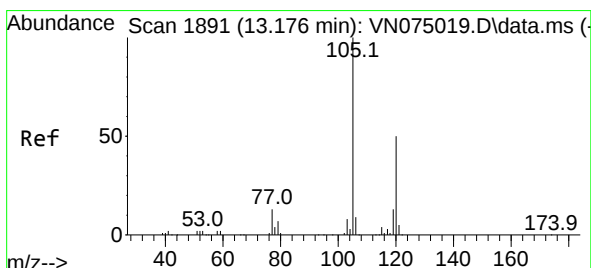
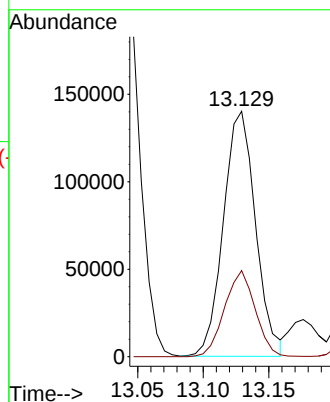
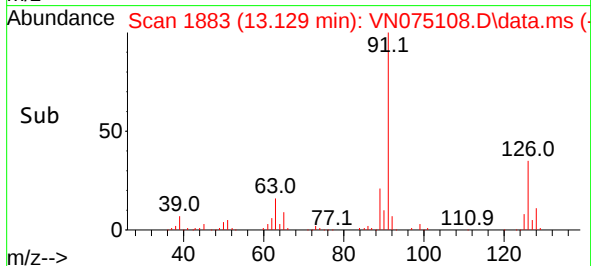
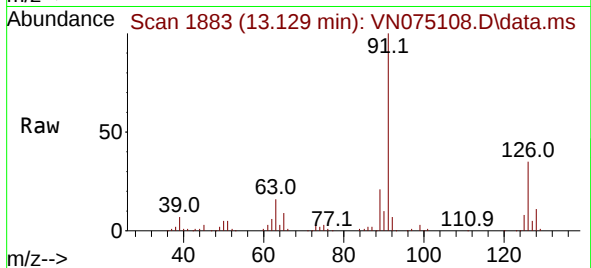
126 33.5 16.9 50.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#80

1,3,5-Trimethylbenzene

Concen: 51.400 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN075108.D

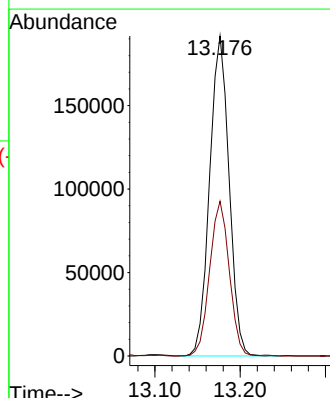
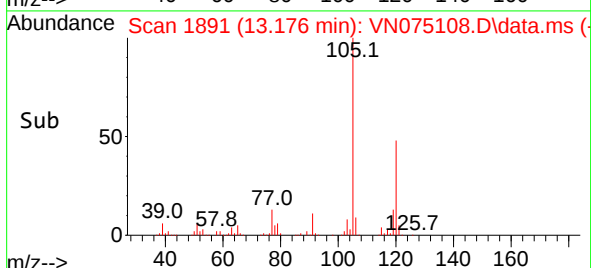
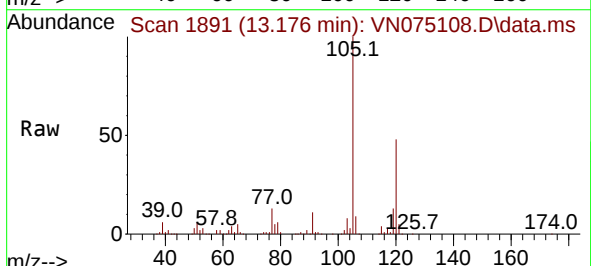
Acq: 02 Nov 2022 11:19

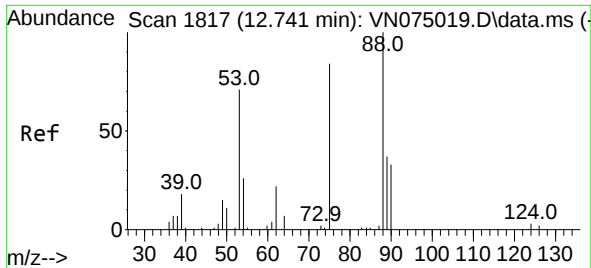
Tgt Ion:105 Resp: 303615

Ion Ratio Lower Upper

105 100

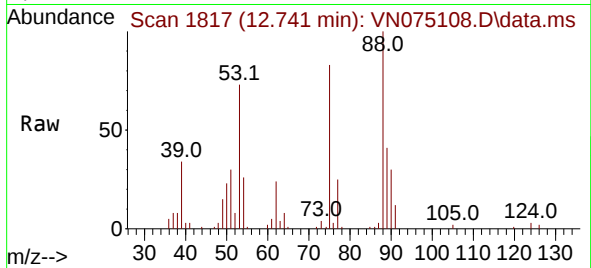
120 48.8 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 48.062 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

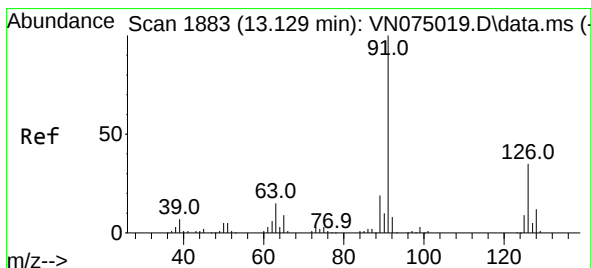
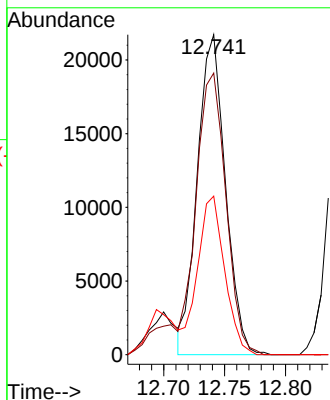
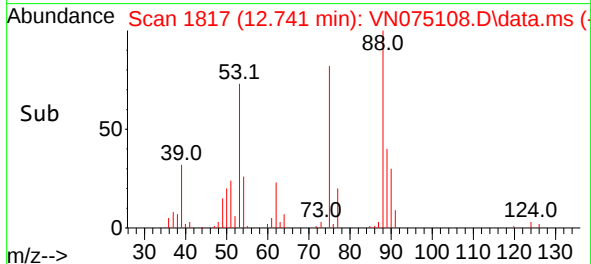
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



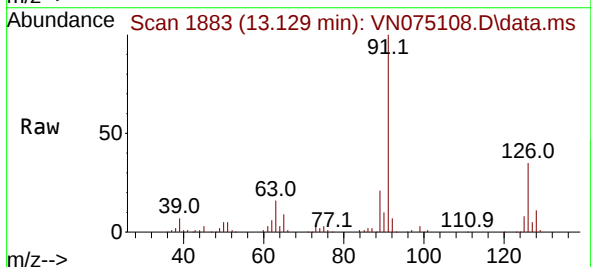
Tgt Ion: 75 Resp: 34825
Ion Ratio Lower Upper
75 100
53 103.0 78.5 117.7
89 48.4 37.7 56.5

Manual Integrations
APPROVED

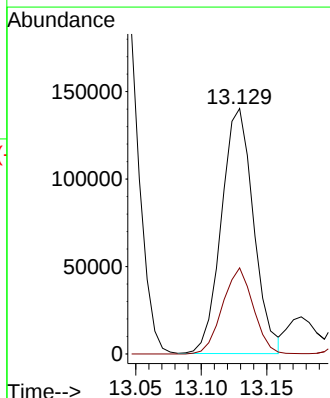
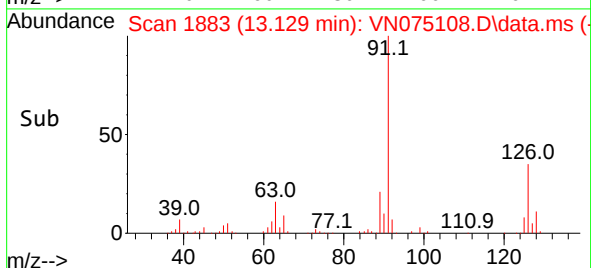
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

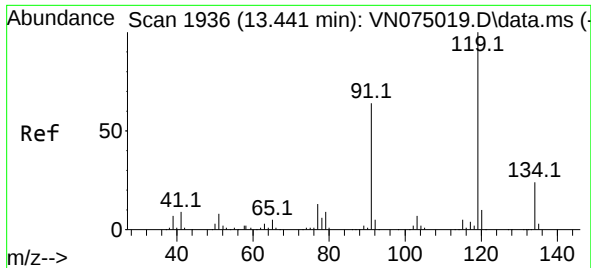


#82
4-Chlorotoluene
Concen: 49.593 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19



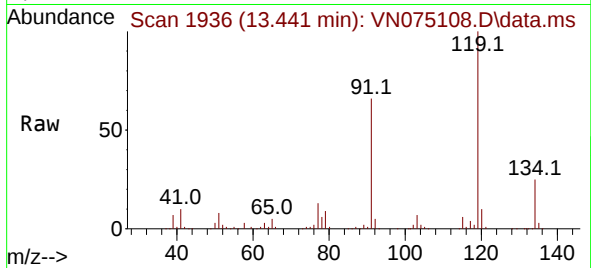
Tgt Ion: 91 Resp: 239283
Ion Ratio Lower Upper
91 100
126 33.5 16.9 50.7





#83
tert-Butylbenzene
Concen: 49.535 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

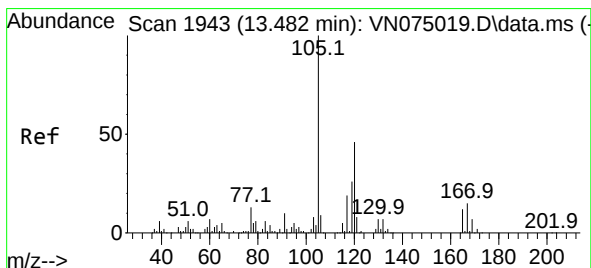
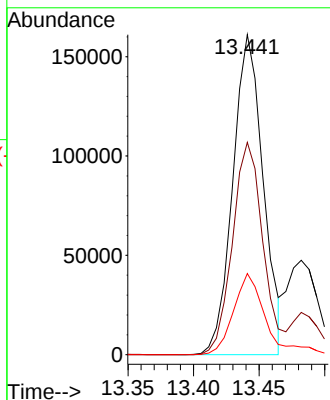
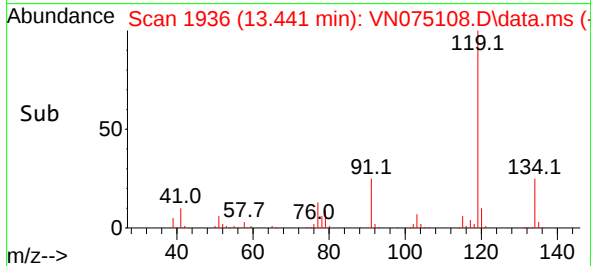
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



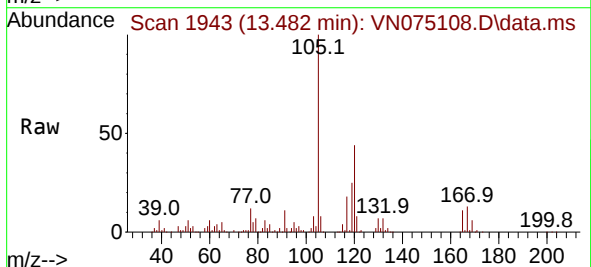
Tgt Ion:119 Resp: 25999
Ion Ratio Lower Upper
119 100
91 67.1 32.8 98.4
134 26.8 12.3 36.9

Manual Integrations
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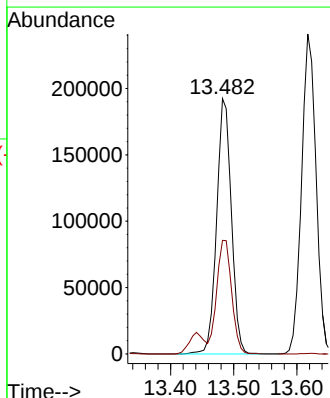
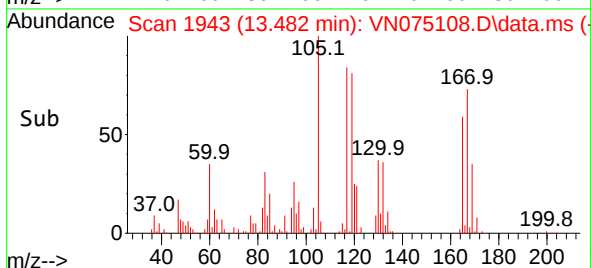
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

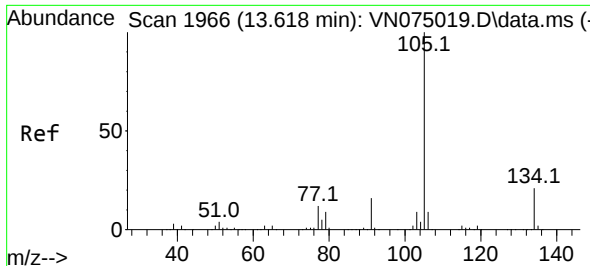


#84
1,2,4-Trimethylbenzene
Concen: 52.132 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19



Tgt Ion:105 Resp: 311567
Ion Ratio Lower Upper
105 100
120 45.2 22.7 68.1





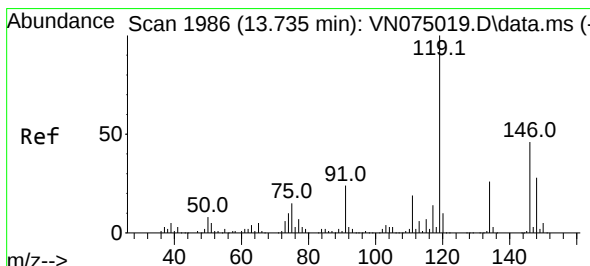
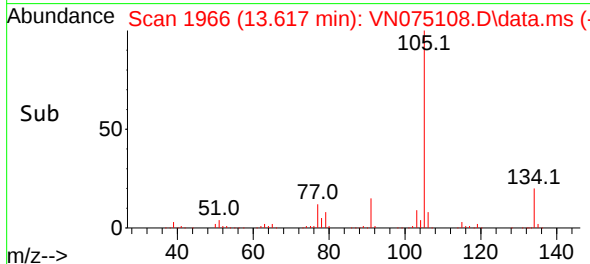
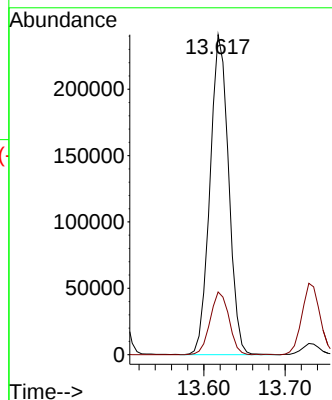
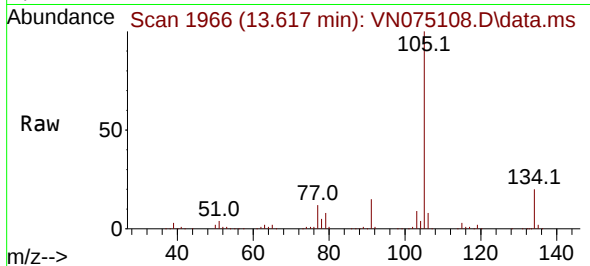
#85
 sec-Butylbenzene
 Concen: 52.263 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075108.D
 Acq: 02 Nov 2022 11:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 38374
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.2 30.6

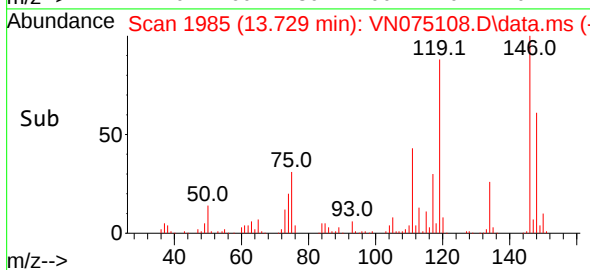
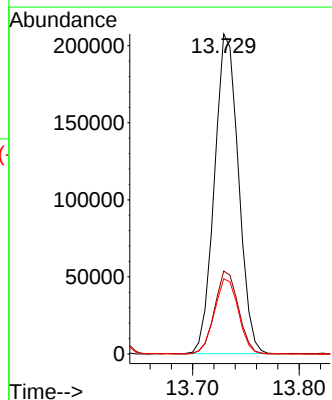
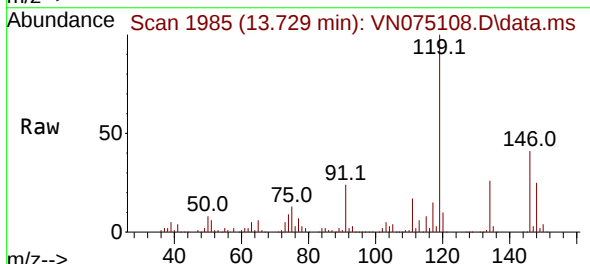
Manual Integrations
 APPROVED

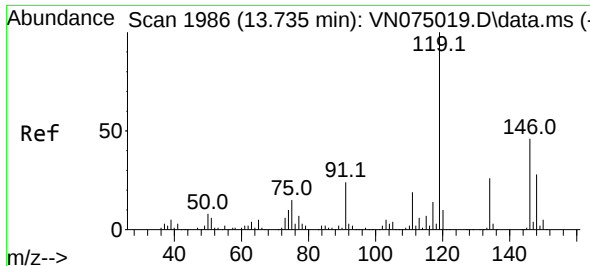
Reviewed By :John Carlone 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022



#86
 p-Isopropyltoluene
 Concen: 53.601 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075108.D
 Acq: 02 Nov 2022 11:19

Tgt Ion:119 Resp: 325031
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.1 39.3
 91 23.5 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 51.449 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075108.D

Acq: 02 Nov 2022 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

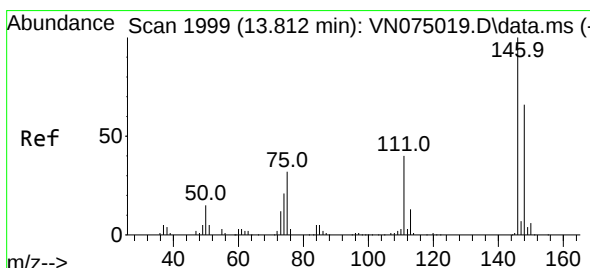
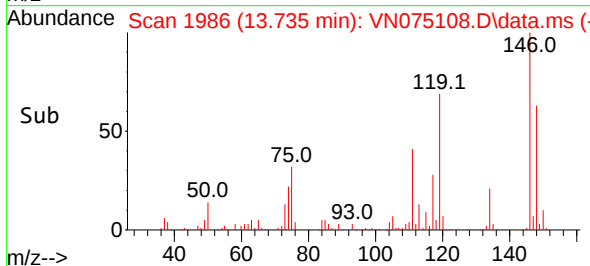
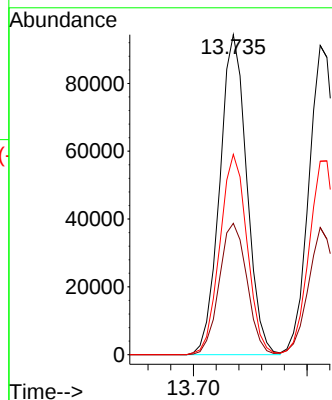
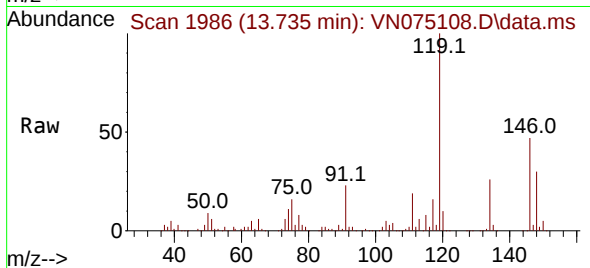
Tgt Ion:146 Resp: 15599
 Ion Ratio Lower Upper
 146 100
 111 42.2 20.8 62.5
 148 63.2 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#88

1,4-Dichlorobenzene

Concen: 51.434 ug/l

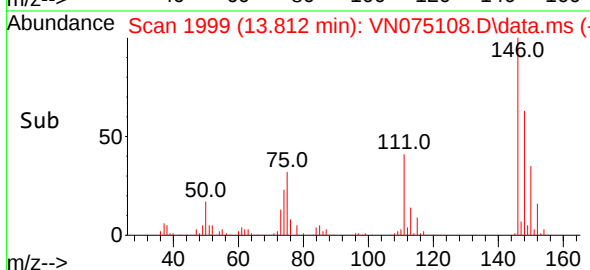
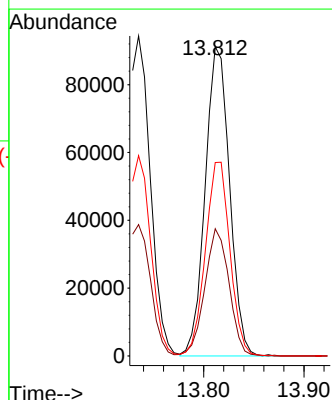
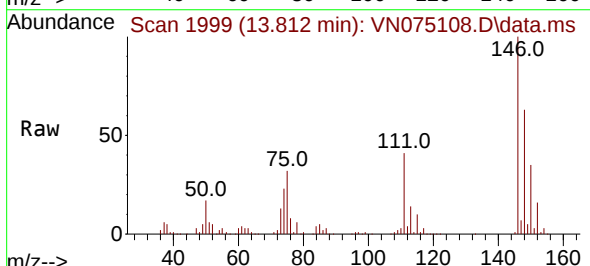
RT: 13.812 min Scan# 1999

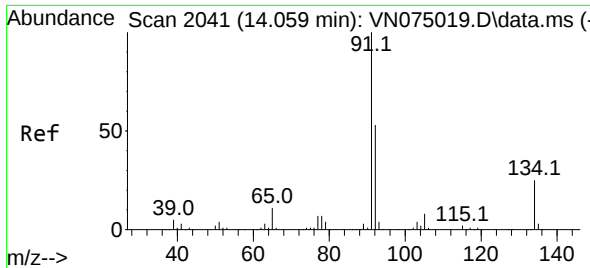
Delta R.T. -0.000 min

Lab File: VN075108.D

Acq: 02 Nov 2022 11:19

Tgt Ion:146 Resp: 154335
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.1 60.3
 148 63.2 31.9 95.7





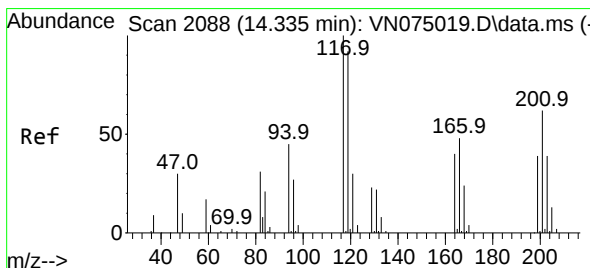
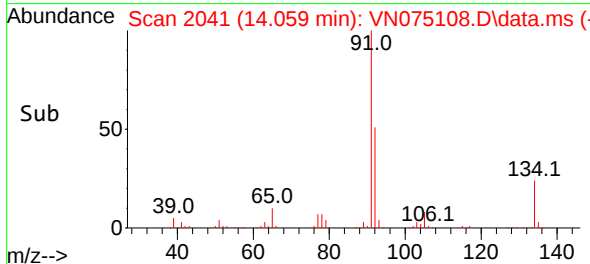
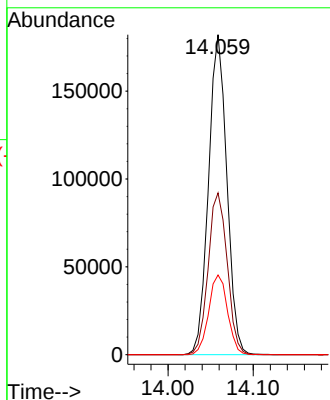
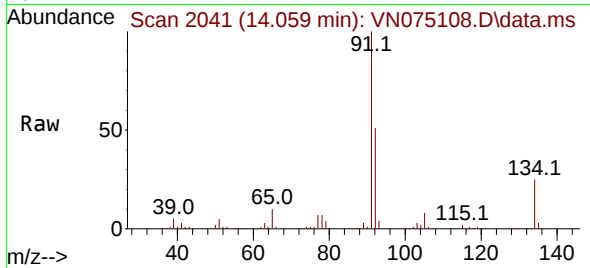
#89
n-Butylbenzene
Concen: 55.725 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 27211
Ion Ratio Lower Upper
91 100
92 52.6 26.5 79.4
134 25.6 13.0 39.0

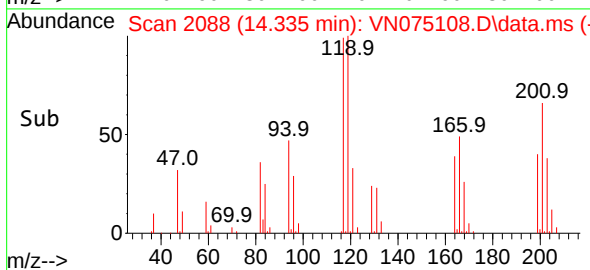
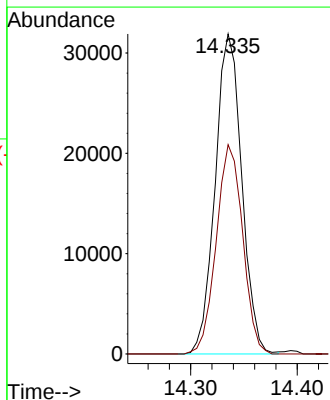
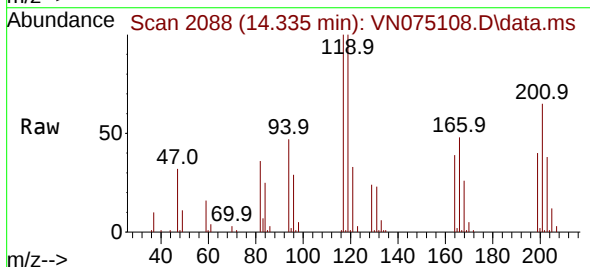
Manual Integrations
APPROVED

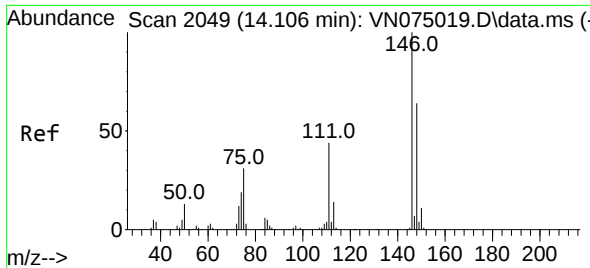
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#90
Hexachloroethane
Concen: 49.682 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075108.D
Acq: 02 Nov 2022 11:19

Tgt Ion:117 Resp: 55237
Ion Ratio Lower Upper
117 100
201 65.1 31.5 94.5





#91

1,2-Dichlorobenzene

Concen: 50.917 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

Lab File: VN075108.D

Acq: 02 Nov 2022 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 15347

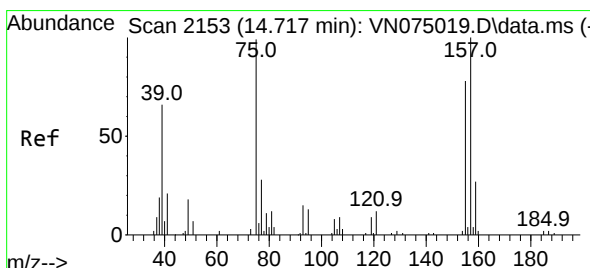
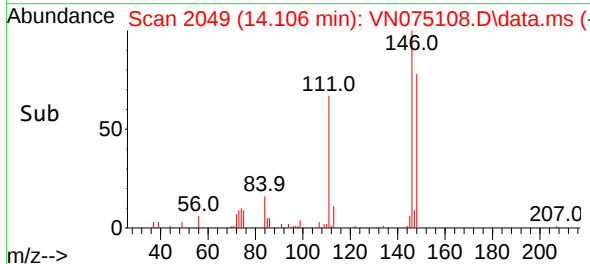
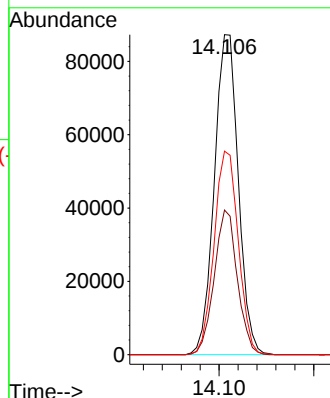
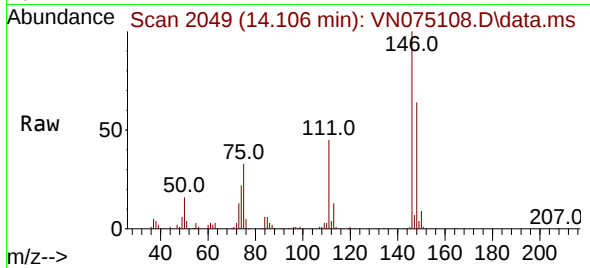
Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.3	63.9
148	64.1	31.4	94.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.987 ug/l

RT: 14.723 min Scan# 2154

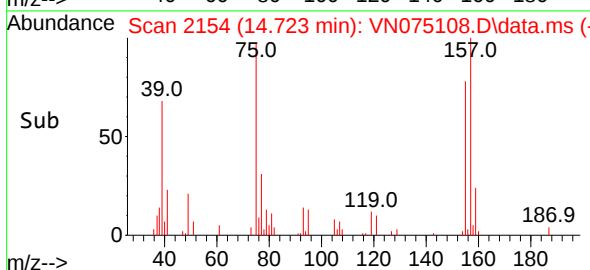
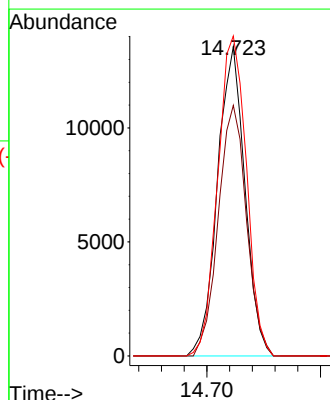
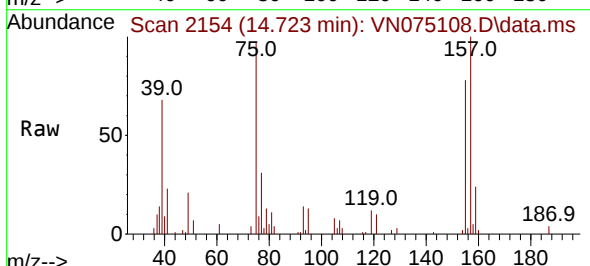
Delta R.T. 0.006 min

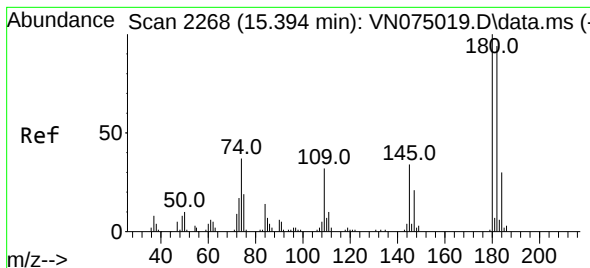
Lab File: VN075108.D

Acq: 02 Nov 2022 11:19

Tgt Ion: 75 Resp: 22764

Ion	Ratio	Lower	Upper
75	100		
155	83.1	42.1	126.3
157	108.0	51.7	155.1





#93

1,2,4-Trichlorobenzene

Concen: 53.140 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075108.D

Acq: 02 Nov 2022 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

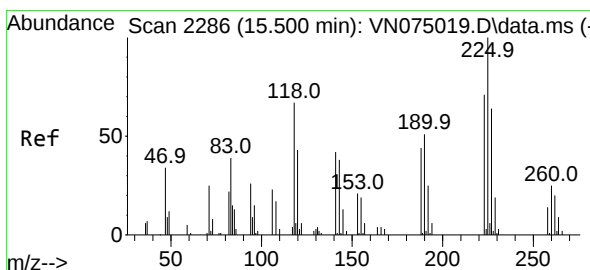
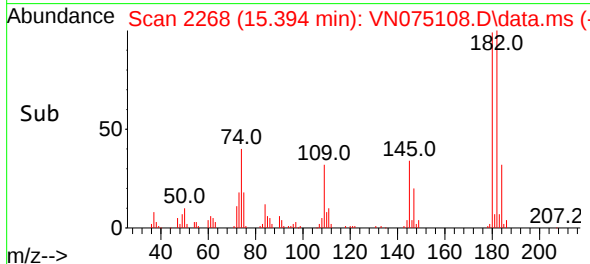
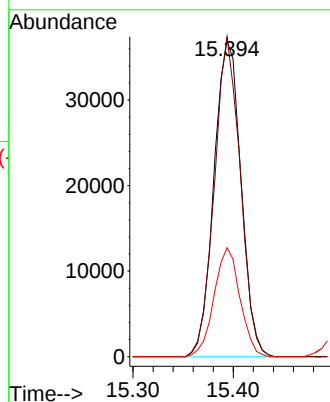
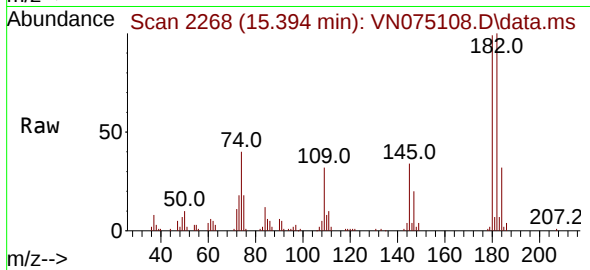
Tgt Ion:180	Resp:	68920
Ion Ratio	Lower	Upper
180	100	
182	97.2	47.8 143.4
145	33.1	16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#94

Hexachlorobutadiene

Concen: 50.756 ug/l

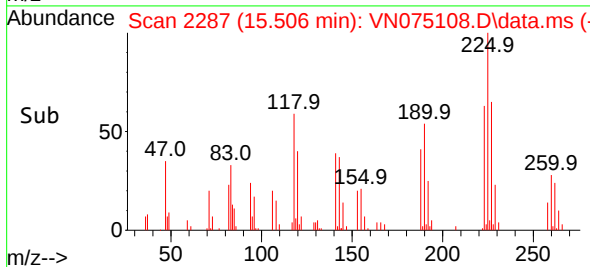
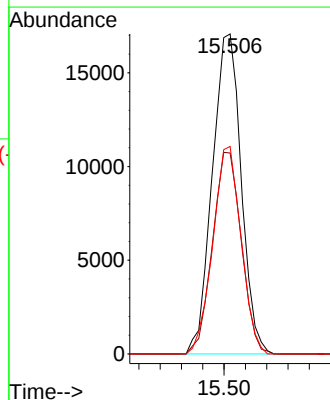
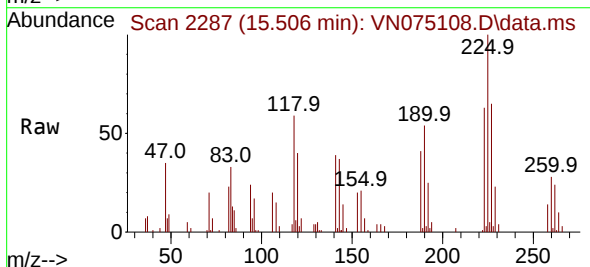
RT: 15.506 min Scan# 2287

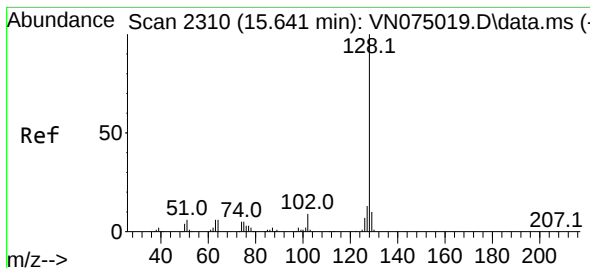
Delta R.T. 0.006 min

Lab File: VN075108.D

Acq: 02 Nov 2022 11:19

Tgt Ion:225	Resp:	32094
Ion Ratio	Lower	Upper
225	100	
223	62.8	32.3 96.9
227	63.3	32.0 96.2





#95

Naphthalene

Concen: 51.751 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN075108.D

Acq: 02 Nov 2022 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

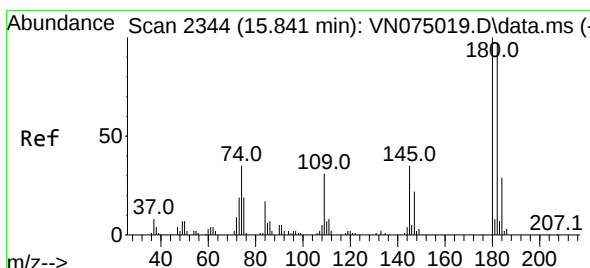
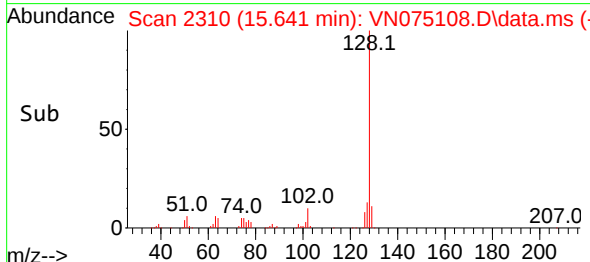
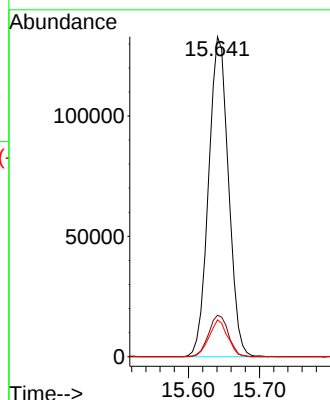
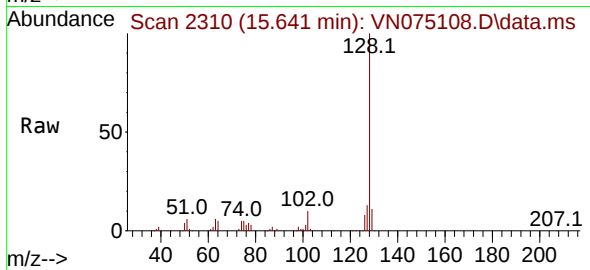
Tgt Ion:	128	Resp:	25813
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	10.7	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#96

1,2,3-Trichlorobenzene

Concen: 53.553 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN075108.D

Acq: 02 Nov 2022 11:19

Tgt Ion:	180	Resp:	69017
Ion Ratio	Lower	Upper	
180	100		
182	93.0	47.3	141.8
145	33.4	17.6	52.9

