

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071422\
 Data File : VN073456.D
 Acq On : 14 Jul 2022 11:53
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Jul 15 02:00:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	214968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	367904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	343264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	168192	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	161733	52.116	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.240%	
35) Dibromofluoromethane	7.951	113	125160	51.133	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.260%	
50) Toluene-d8	10.375	98	432259	49.722	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.440%	
62) 4-Bromofluorobenzene	12.669	95	182301	54.567	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.140%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	153270	48.768	ug/l	98
3) Chloromethane	2.263	50	143228	46.941	ug/l	98
4) Vinyl Chloride	2.405	62	123297	47.558	ug/l	96
5) Bromomethane	2.781	94	42882	35.020	ug/l	100
6) Chloroethane	2.946	64	76970	50.470	ug/l	99
7) Trichlorofluoromethane	3.310	101	234152	52.242	ug/l	99
8) Diethyl Ether	3.763	74	96997	53.162	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.134	101	136473	51.531	ug/l	96
10) Methyl Iodide	4.346	142	138616	44.000	ug/l	95
11) Tert butyl alcohol	5.287	59	199852	265.846	ug/l	99
12) 1,1-Dichloroethene	4.110	96	124763	49.302	ug/l	99
13) Acrolein	3.981	56	83871	176.510	ug/l	100
14) Allyl chloride	4.757	41	279548	52.437	ug/l #	91
15) Acrylonitrile	5.469	53	572315	295.736	ug/l	100
16) Acetone	4.216	43	513416	294.739	ug/l	92
17) Carbon Disulfide	4.451	76	278115	42.384	ug/l	99
18) Methyl Acetate	4.769	43	302534	61.975	ug/l #	89
19) Methyl tert-butyl Ether	5.528	73	504603	54.711	ug/l	98
20) Methylene Chloride	5.010	84	154860	50.586	ug/l	91
21) trans-1,2-Dichloroethene	5.510	96	129108	48.827	ug/l	90
22) Diisopropyl ether	6.410	45	573744	57.676	ug/l #	96
23) Vinyl Acetate	6.345	43	2464412	276.696	ug/l #	93
24) 1,1-Dichloroethane	6.304	63	286869	55.725	ug/l	99
25) 2-Butanone	7.257	43	826641	298.066	ug/l	91
26) 2,2-Dichloropropane	7.245	77	209085	43.915	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	165956	51.827	ug/l	94
28) Bromochloromethane	7.581	49	134057	62.179	ug/l #	80
29) Tetrahydrofuran	7.604	42	552141	290.758	ug/l #	85
30) Chloroform	7.745	83	288132	55.571	ug/l	98
31) Cyclohexane	8.022	56	236590	46.551	ug/l	91
32) 1,1,1-Trichloroethane	7.939	97	243491	52.696	ug/l	98
36) 1,1-Dichloropropene	8.145	75	200970	53.360	ug/l	96
37) Ethyl Acetate	7.334	43	327830	57.607	ug/l #	93
38) Carbon Tetrachloride	8.134	117	197394	50.681	ug/l	96
39) Methylcyclohexane	9.392	83	233547	49.807	ug/l	95
40) Benzene	8.387	78	614748	52.889	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	158578	57.457	ug/l #	85
42) 1,2-Dichloroethane	8.457	62	236254	56.072	ug/l	97
43) Isopropyl Acetate	8.492	43	470319	57.506	ug/l	92
44) Trichloroethene	9.151	130	149550	50.559	ug/l	91
45) 1,2-Dichloropropane	9.422	63	166124	56.074	ug/l	96
46) Dibromomethane	9.516	93	110547	54.956	ug/l	89
47) Bromodichloromethane	9.698	83	224065	57.511	ug/l	100
48) Methyl methacrylate	9.498	41	214077	56.532	ug/l	87
49) 1,4-Dioxane	9.504	88	86165	1198.598	ug/l #	91
51) 4-Methyl-2-Pentanone	10.269	43	1610547	310.525	ug/l	90
52) Toluene	10.439	92	385442	53.658	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	233935	54.544	ug/l	97
54) cis-1,3-Dichloropropene	10.128	75	254294	54.919	ug/l #	90
55) 1,1,2-Trichloroethane	10.839	97	162651	55.001	ug/l	97
56) Ethyl methacrylate	10.698	69	269421	56.366	ug/l #	86
57) 1,3-Dichloropropane	10.980	76	280986	55.427	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.981	63	623087	292.294	ug/l	93
59) 2-Hexanone	11.028	43	1219810	308.536	ug/l	88
60) Dibromochloromethane	11.175	129	164058	58.187	ug/l	99
61) 1,2-Dibromoethane	11.286	107	164038	55.535	ug/l	100
64) Tetrachloroethene	10.916	164	136011	48.523	ug/l	97
65) Chlorobenzene	11.710	112	404784	52.140	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	149977	52.522	ug/l	98
67) Ethyl Benzene	11.780	91	745383	52.886	ug/l	99
68) m/p-Xylenes	11.892	106	555061	104.352	ug/l	93
69) o-Xylene	12.222	106	282825	52.085	ug/l	96
70) Styrene	12.233	104	465758	55.556	ug/l	98
71) Bromoform	12.398	173	122405	58.583	ug/l #	97
73) Isopropylbenzene	12.516	105	752080	51.782	ug/l	97
74) N-amyl acetate	12.327	43	368444	50.662	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.769	83	257470	53.421	ug/l	100
76) 1,2,3-Trichloropropane	12.822	75	337897	76.832	ug/l #	1
77) Bromobenzene	12.798	156	168350	49.854	ug/l	84
78) n-propylbenzene	12.857	91	865149	53.619	ug/l	97
79) 2-Chlorotoluene	12.945	91	523057	51.220	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	622614	52.593	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.569	75	77727	48.470	ug/l	89
82) 4-Chlorotoluene	13.045	91	513271	51.917	ug/l	97
83) tert-Butylbenzene	13.263	119	547490	51.586	ug/l	95
84) 1,2,4-Trimethylbenzene	13.310	105	620963	52.538	ug/l	96
85) sec-Butylbenzene	13.439	105	779493	54.696	ug/l	98
86) p-Isopropyltoluene	13.557	119	633174	54.999	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	306176	50.541	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	309173	50.936	ug/l	99
89) n-Butylbenzene	13.880	91	536729	55.949	ug/l	98
90) Hexachloroethane	14.145	117	111713	52.069	ug/l	84
91) 1,2-Dichlorobenzene	13.927	146	313709	50.835	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	60876	51.967	ug/l	87
93) 1,2,4-Trichlorobenzene	15.192	180	168819	52.538	ug/l	98
94) Hexachlorobutadiene	15.304	225	73735	51.620	ug/l	99
95) Naphthalene	15.433	128	639077	49.301	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	174806	52.737	ug/l	97

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Instrument :
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ClientSampleId :
VSTDCCC050

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Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
Response via : Initial Calibration

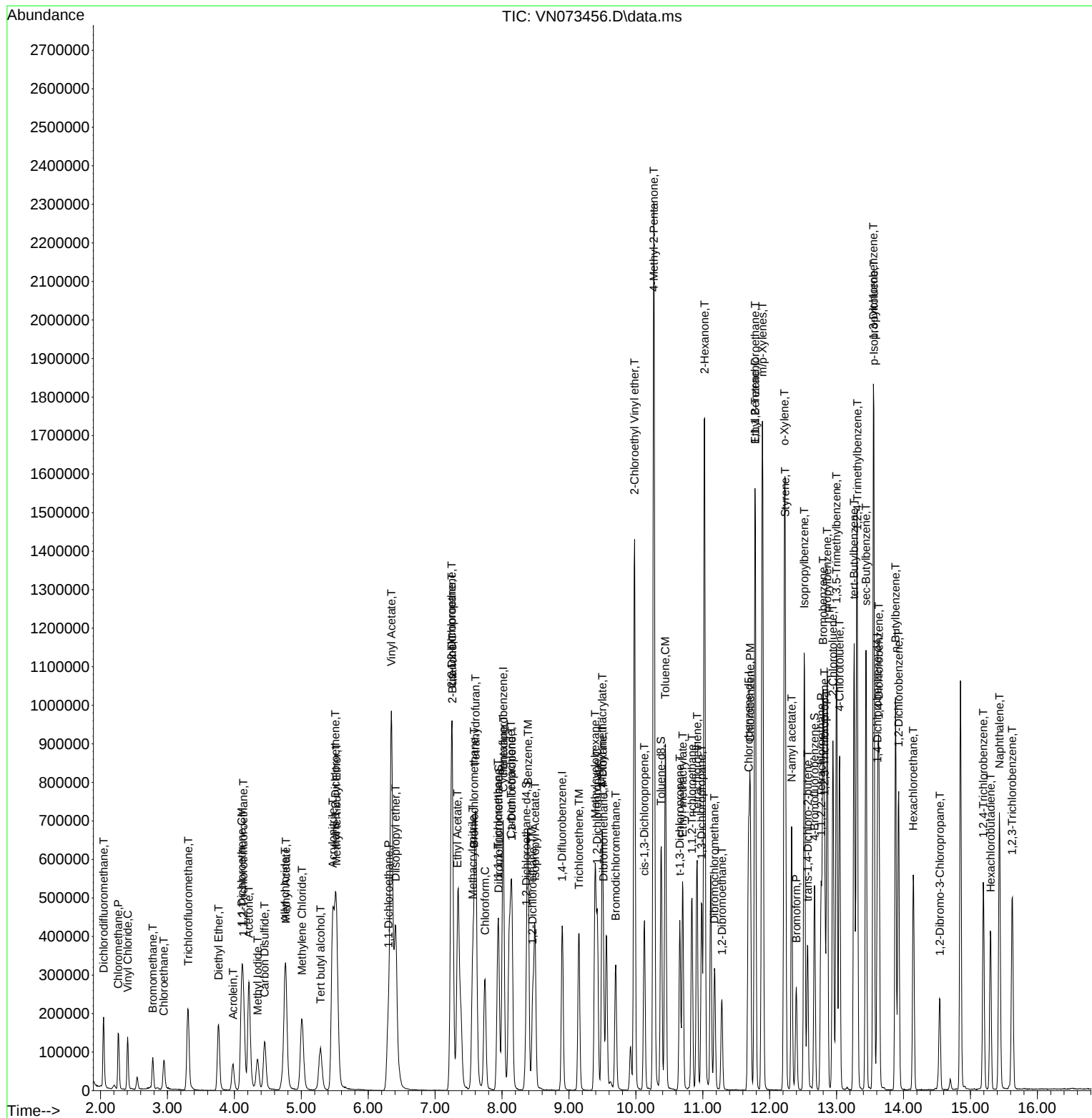
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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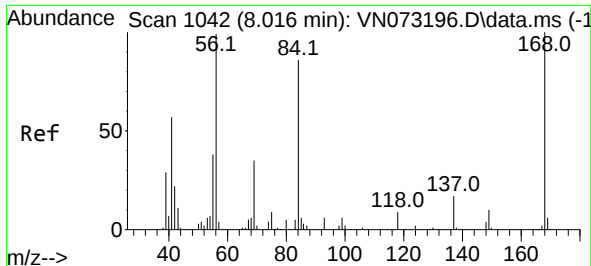
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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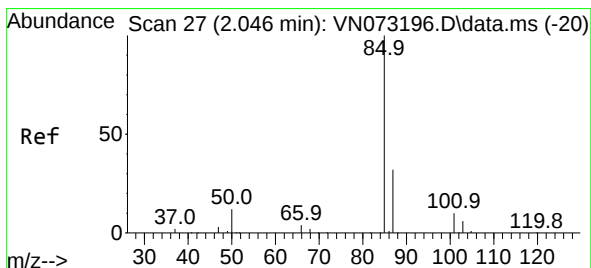
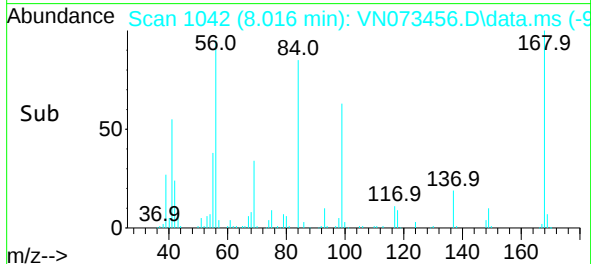
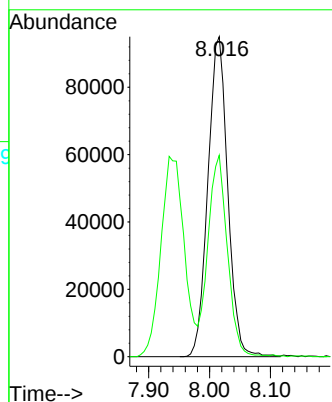
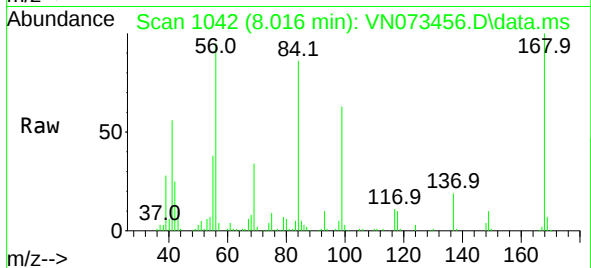




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
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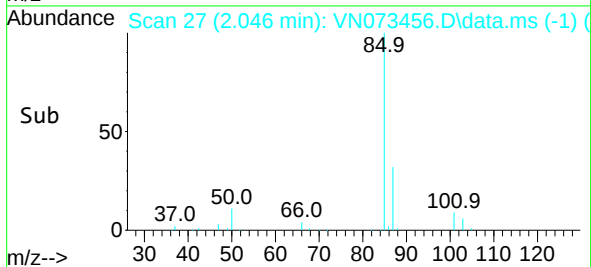
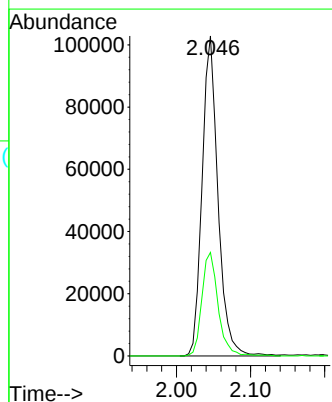
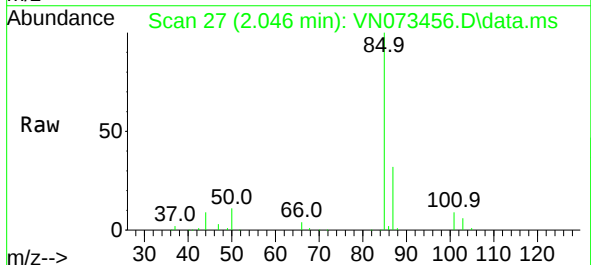
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

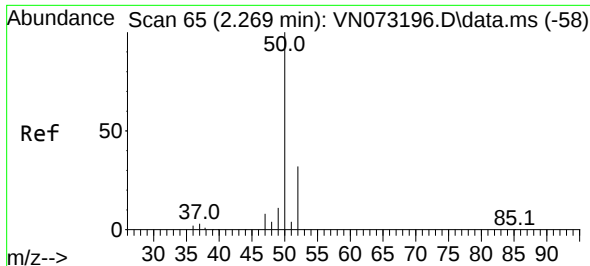
Tgt Ion:168 Resp: 214968
Ion Ratio Lower Upper
168 100
99 62.8 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 48.768 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Tgt Ion: 85 Resp: 153270
Ion Ratio Lower Upper
85 100
87 32.3 15.7 47.1

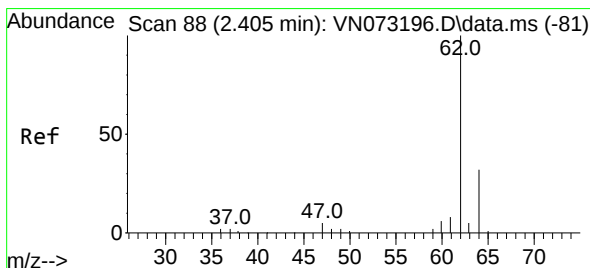
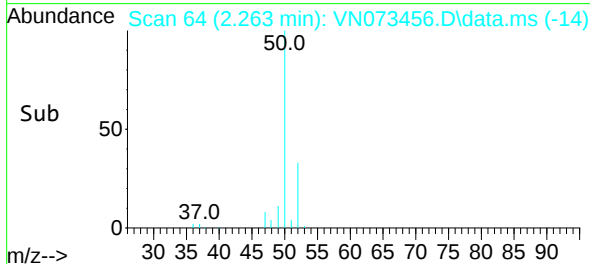
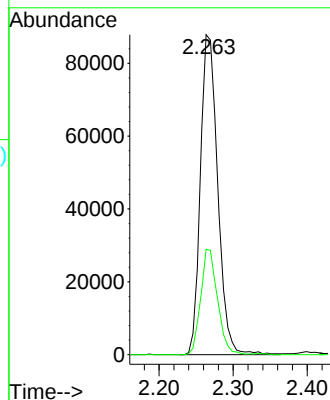
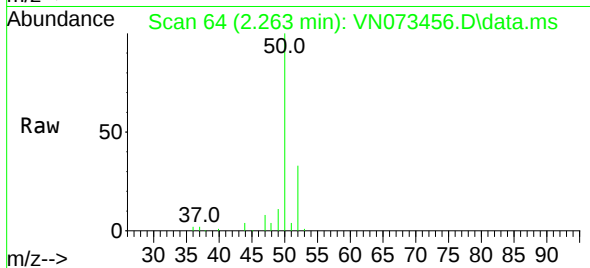




#3
Chloromethane
Concen: 46.941 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

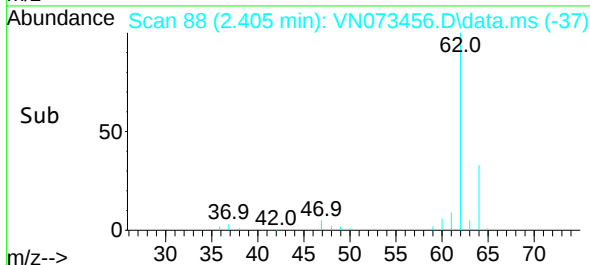
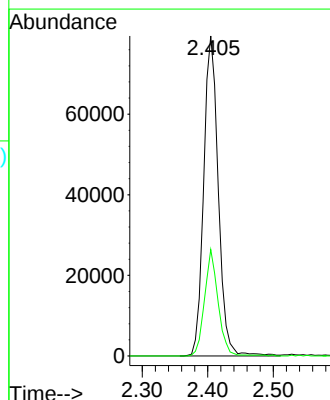
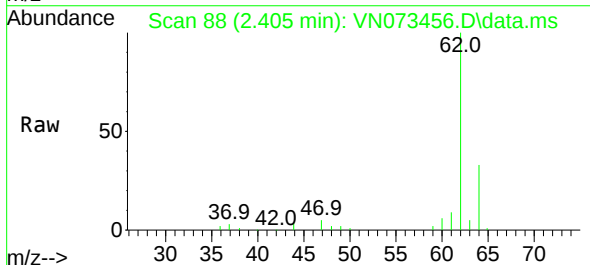
Instrument :
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ClientSampleId :
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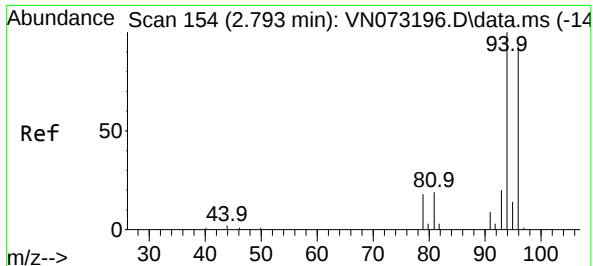
Tgt Ion: 50 Resp: 143228
Ion Ratio Lower Upper
50 100
52 32.9 25.7 38.5



#4
Vinyl Chloride
Concen: 47.558 ug/l
RT: 2.405 min Scan# 88
Delta R.T. -0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Tgt Ion: 62 Resp: 123297
Ion Ratio Lower Upper
62 100
64 33.2 25.0 37.4

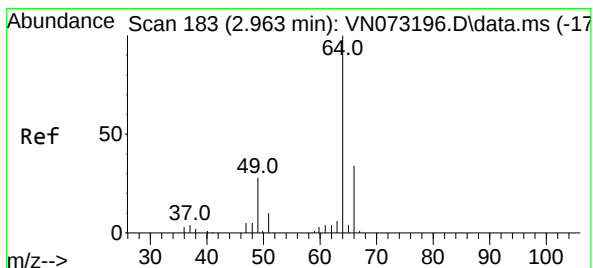
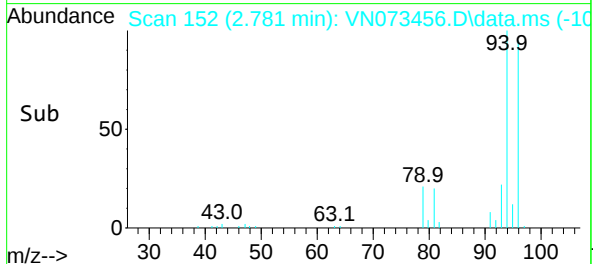
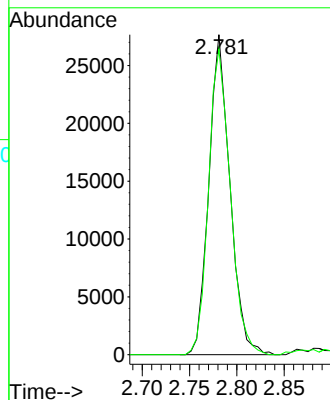
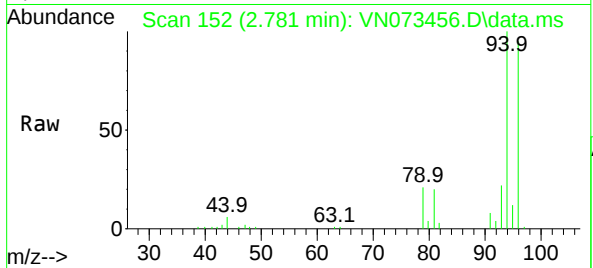




#5
Bromomethane
Concen: 35.020 ug/l
RT: 2.781 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN073456.D
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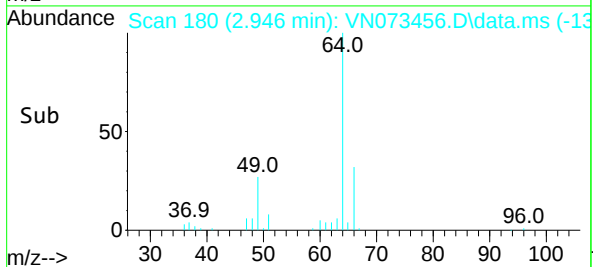
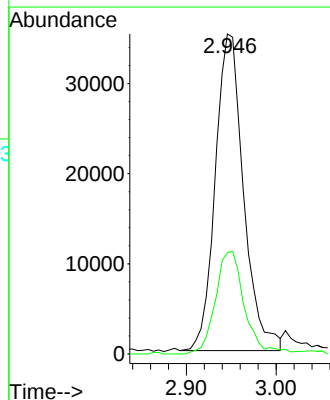
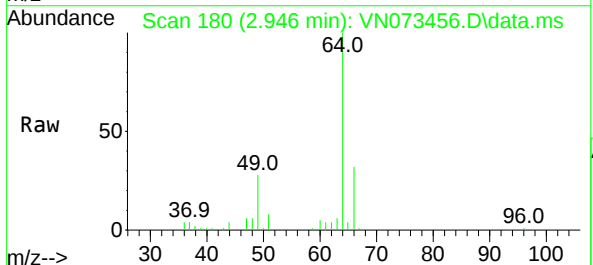
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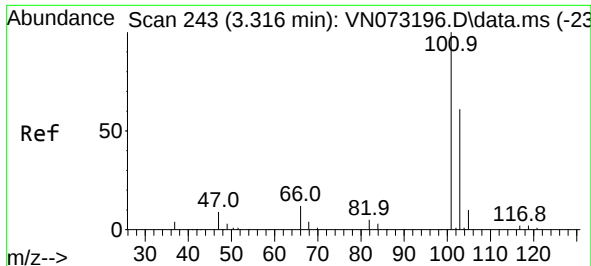
Tgt Ion: 94 Resp: 42882
Ion Ratio Lower Upper
94 100
96 95.5 76.0 114.0



#6
Chloroethane
Concen: 50.470 ug/l
RT: 2.946 min Scan# 180
Delta R.T. -0.017 min
Lab File: VN073456.D
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Tgt Ion: 64 Resp: 76970
Ion Ratio Lower Upper
64 100
66 32.0 26.2 39.4

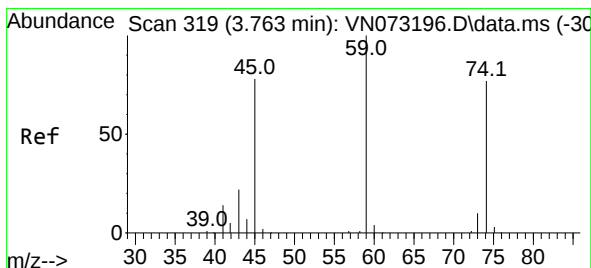
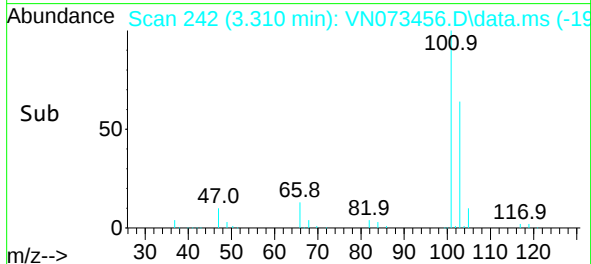
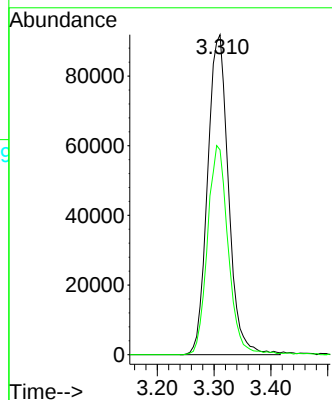
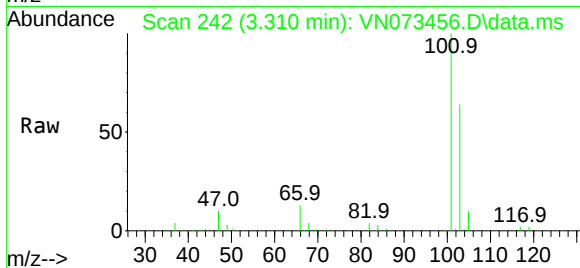




#7
Trichlorofluoromethane
Concen: 52.242 ug/l
RT: 3.310 min Scan# 243
Delta R.T. -0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

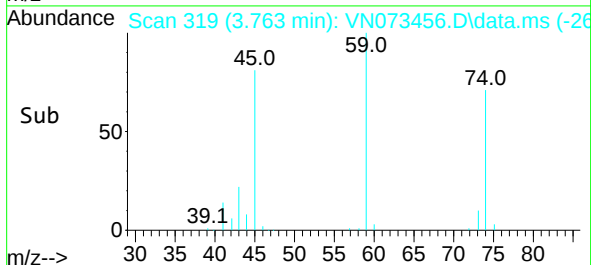
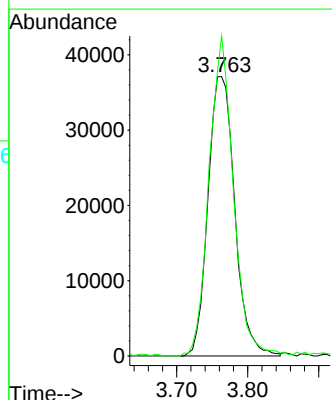
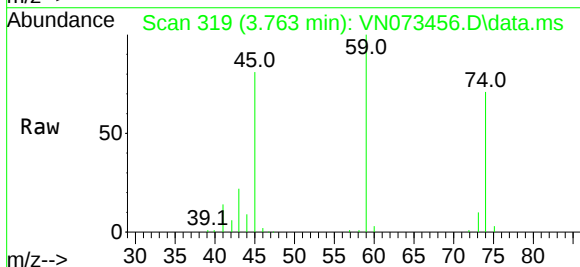
Instrument :
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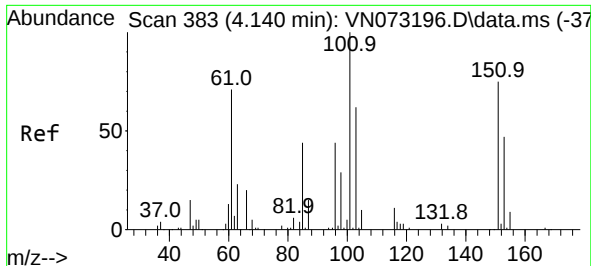
Tgt Ion:101 Resp: 234152
Ion Ratio Lower Upper
101 100
103 64.0 51.5 77.3



#8
Diethyl Ether
Concen: 53.162 ug/l
RT: 3.763 min Scan# 319
Delta R.T. 0.000 min
Lab File: VN073456.D
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Tgt Ion: 74 Resp: 96997
Ion Ratio Lower Upper
74 100
45 104.6 42.9 128.5

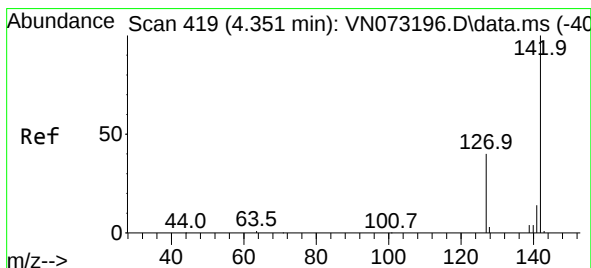
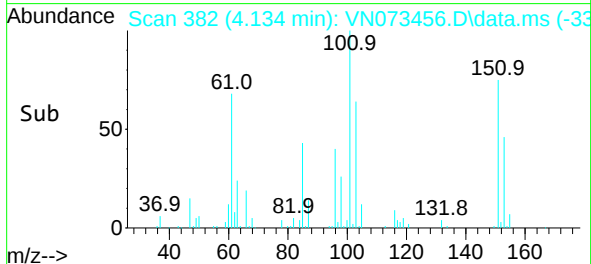
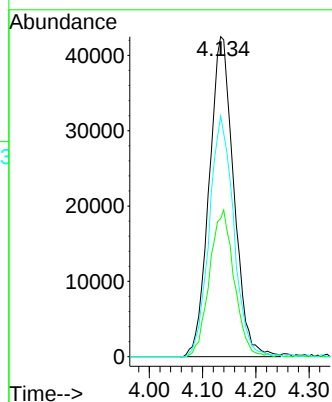
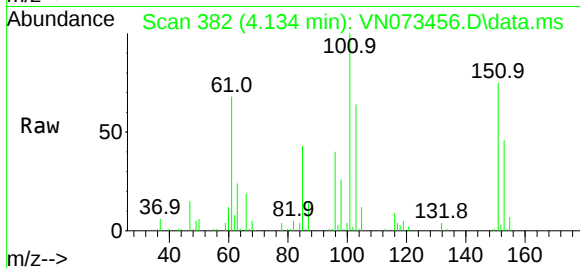




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.531 ug/l
RT: 4.134 min Scan# 382
Delta R.T. -0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

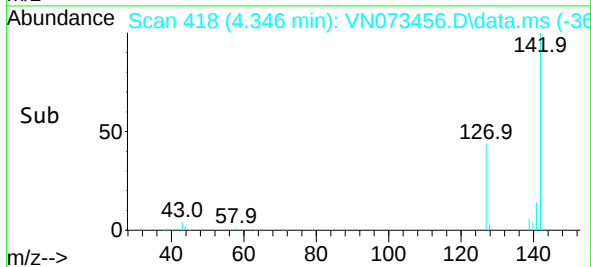
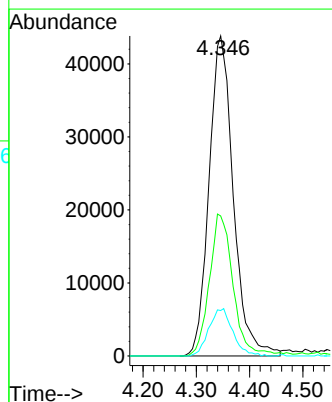
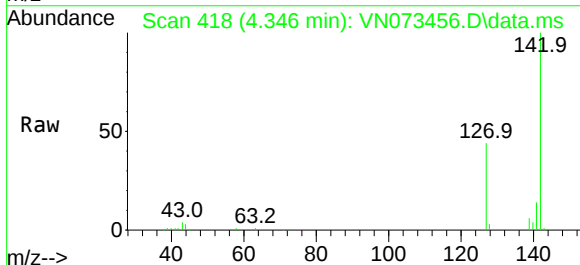
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

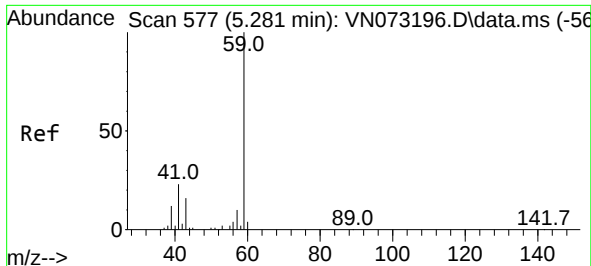
Tgt Ion:101 Resp: 136473
Ion Ratio Lower Upper
101 100
85 45.8 34.7 52.1
151 74.6 63.0 94.4



#10
Methyl Iodide
Concen: 44.000 ug/l
RT: 4.346 min Scan# 418
Delta R.T. -0.005 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Tgt Ion:142 Resp: 138616
Ion Ratio Lower Upper
142 100
127 43.1 31.3 46.9
141 14.6 11.2 16.8

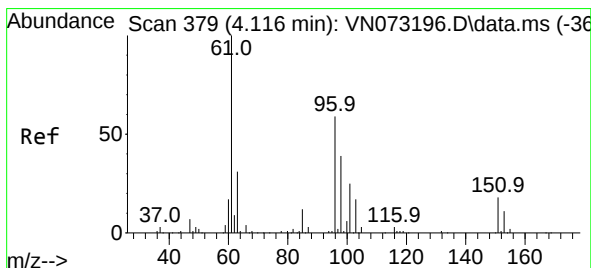
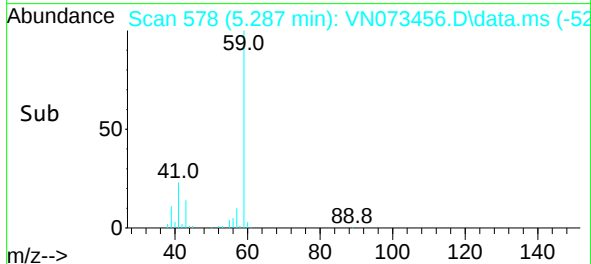
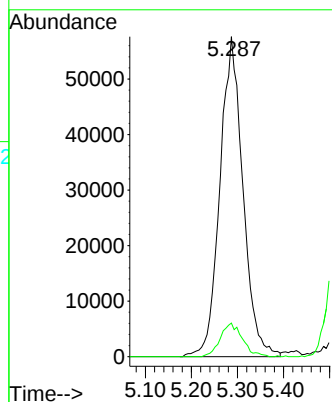
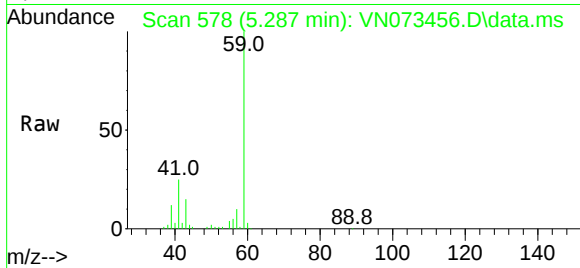




#11
Tert butyl alcohol
Concen: 265.846 ug/l
RT: 5.287 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

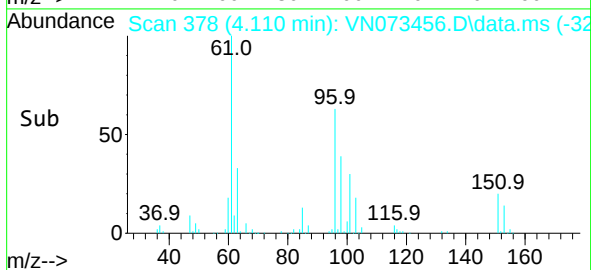
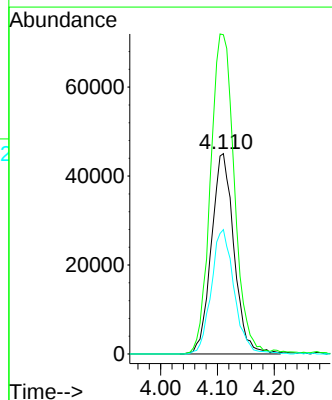
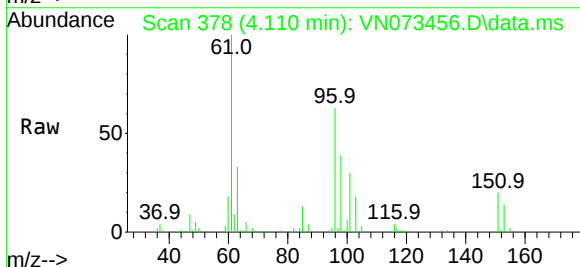
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

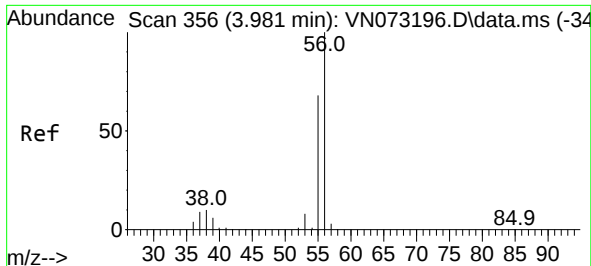
Tgt Ion: 59 Resp: 199852
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5



#12
1,1-Dichloroethene
Concen: 49.302 ug/l
RT: 4.110 min Scan# 378
Delta R.T. -0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Tgt Ion: 96 Resp: 124763
Ion Ratio Lower Upper
96 100
61 159.3 127.6 191.4
98 62.1 51.2 76.8

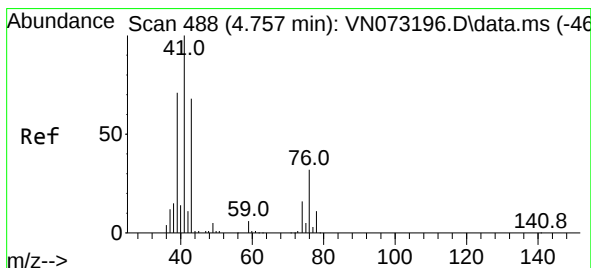
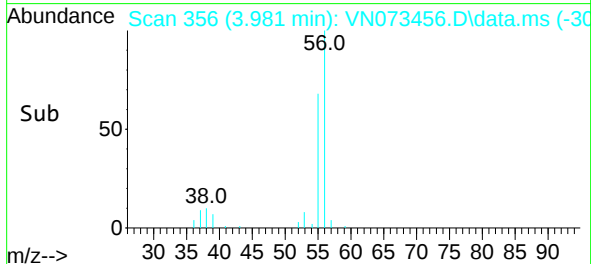
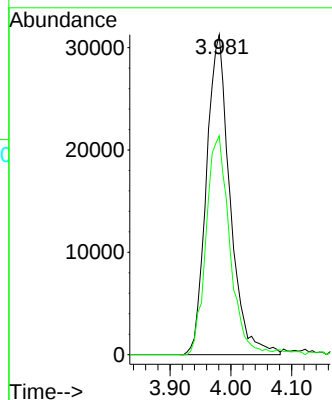
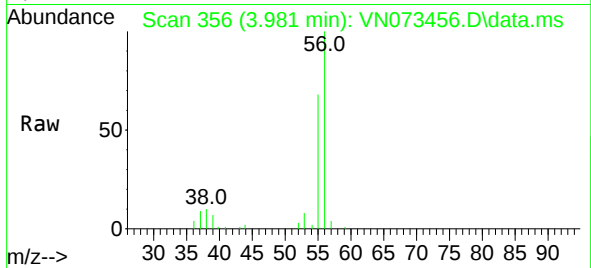




#13
Acrolein
Concen: 176.510 ug/l
RT: 3.981 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

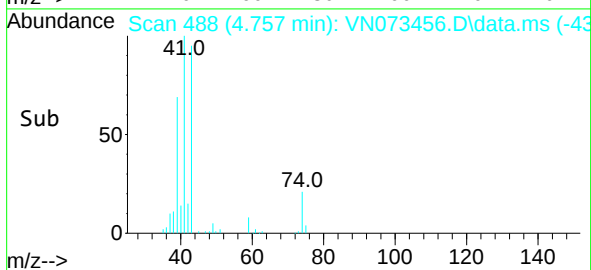
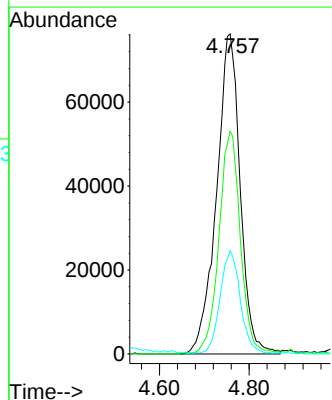
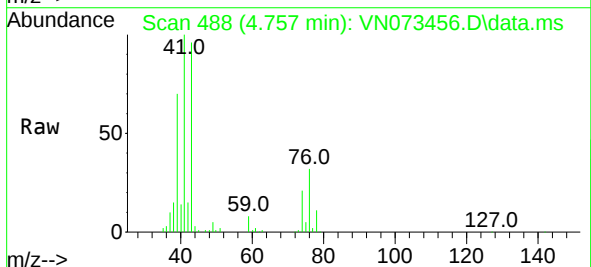
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

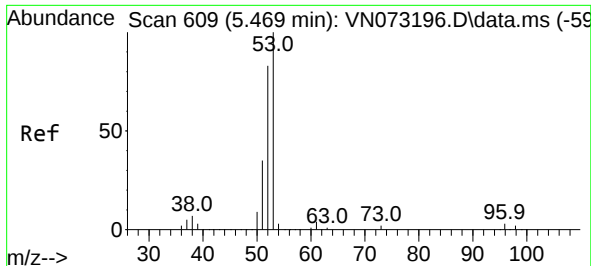
Tgt Ion: 56 Resp: 83871
Ion Ratio Lower Upper
56 100
55 68.6 54.8 82.2



#14
Allyl chloride
Concen: 52.437 ug/l
RT: 4.757 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Tgt Ion: 41 Resp: 279548
Ion Ratio Lower Upper
41 100
39 63.1 53.2 79.8
76 27.1 29.9 44.9#

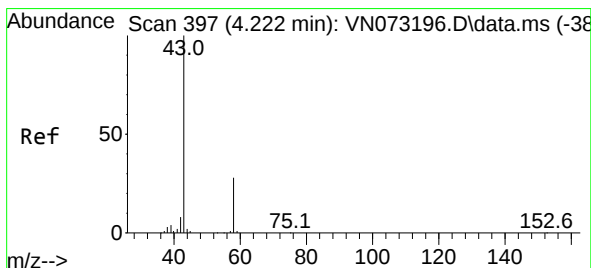
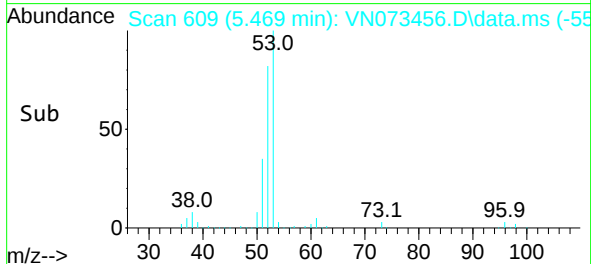
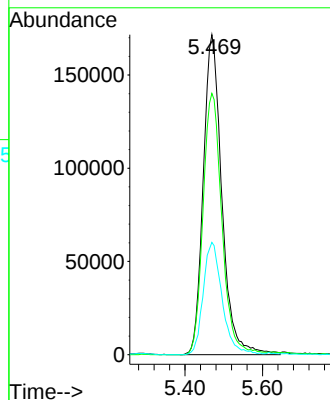
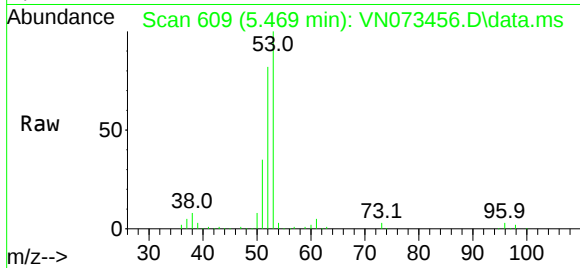




#15
Acrylonitrile
Concen: 295.736 ug/l
RT: 5.469 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

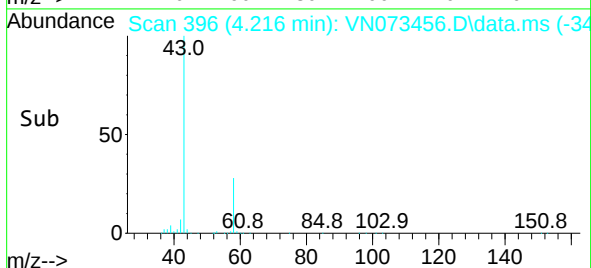
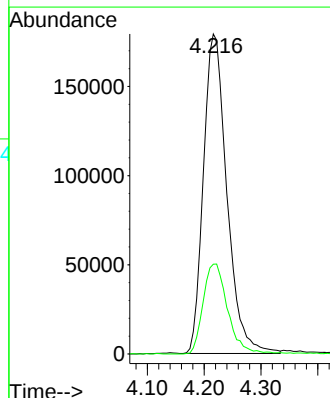
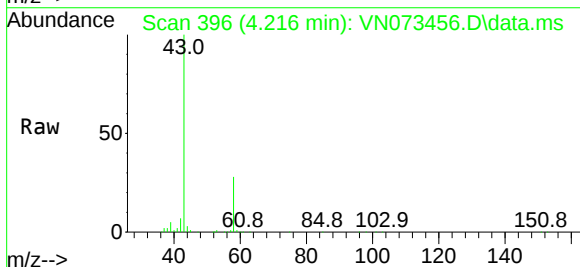
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

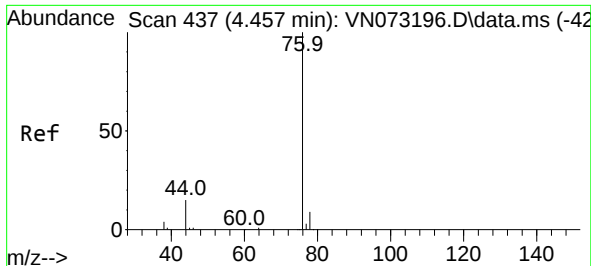
Tgt Ion: 53 Resp: 572315
Ion Ratio Lower Upper
53 100
52 82.9 66.4 99.6
51 35.9 28.5 42.7



#16
Acetone
Concen: 294.739 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Tgt Ion: 43 Resp: 513416
Ion Ratio Lower Upper
43 100
58 28.1 26.0 39.0

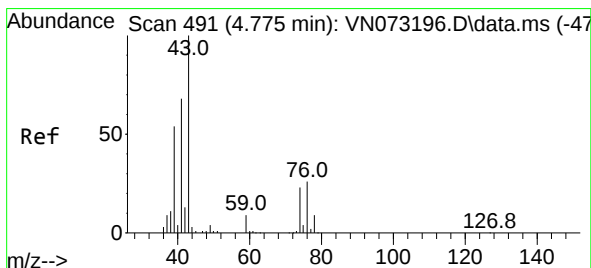
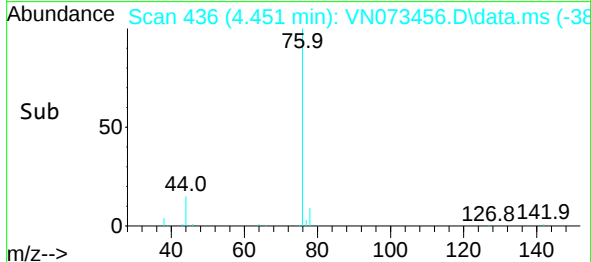
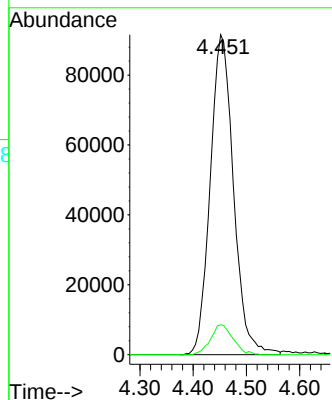
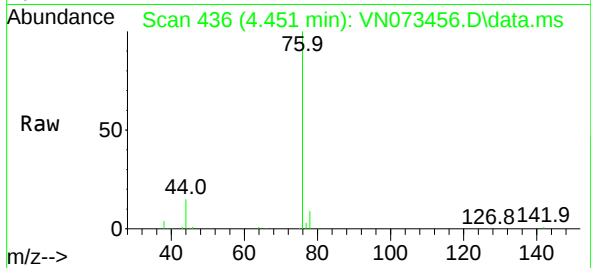




#17
Carbon Disulfide
Concen: 42.384 ug/l
RT: 4.451 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

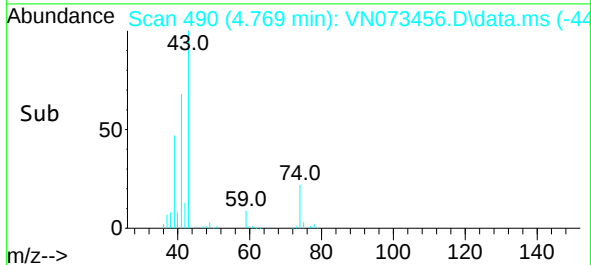
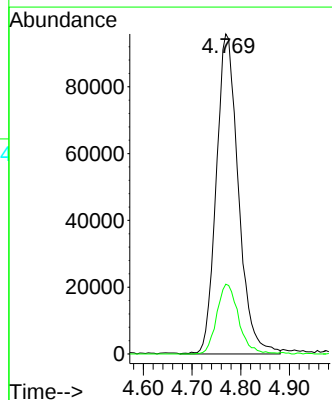
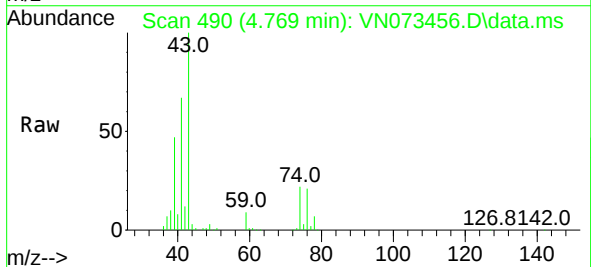
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

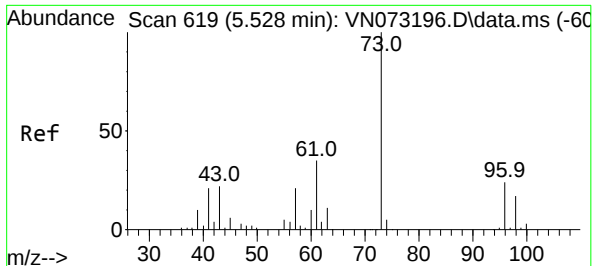
Tgt Ion: 76 Resp: 278115
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 61.975 ug/l
RT: 4.769 min Scan# 490
Delta R.T. -0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Tgt Ion: 43 Resp: 302534
Ion Ratio Lower Upper
43 100
74 21.5 21.6 32.4#

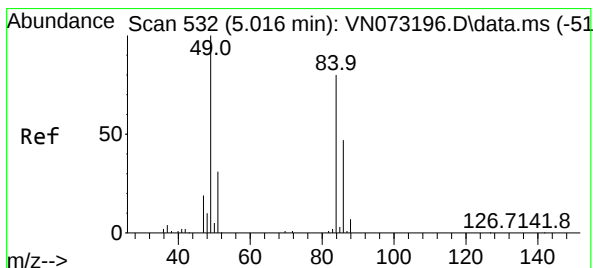
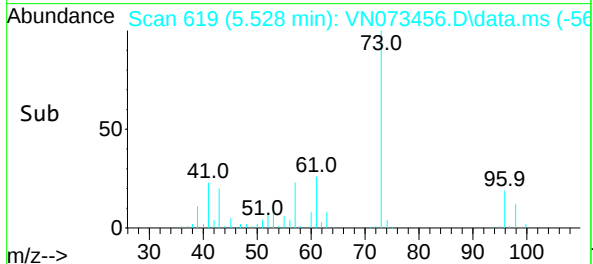
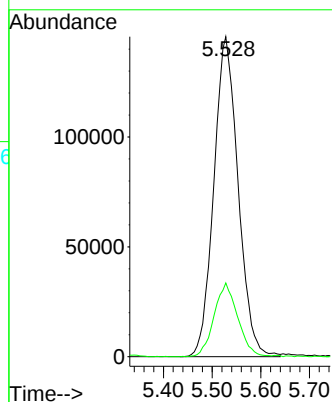
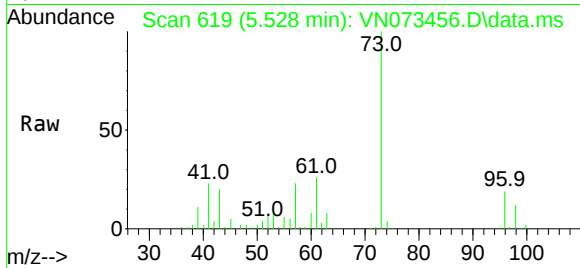




#19
Methyl tert-butyl Ether
Concen: 54.711 ug/l
RT: 5.528 min Scan# 619
Delta R.T. -0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

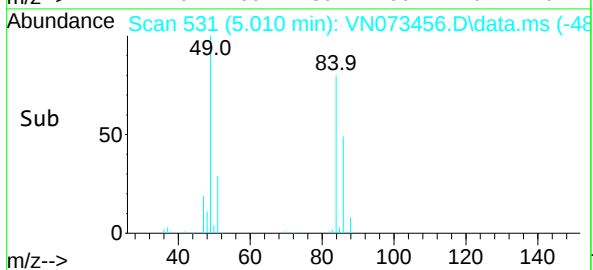
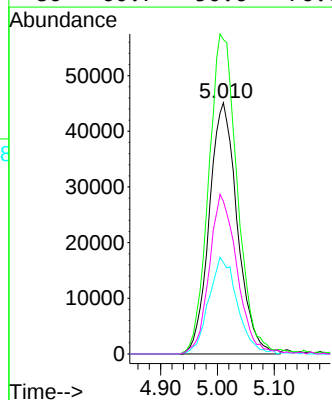
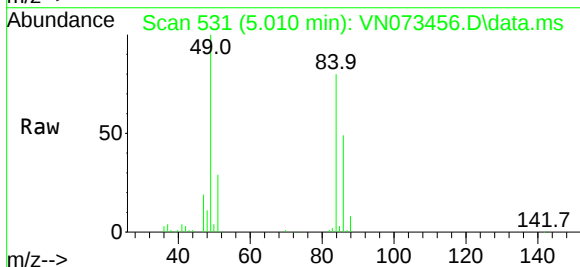
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

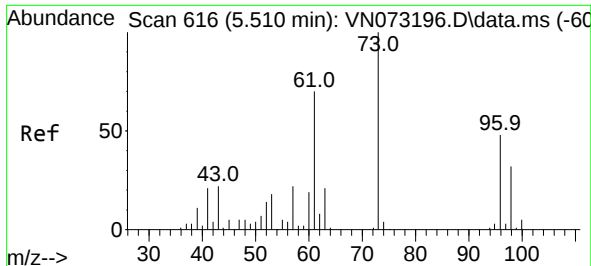
Tgt Ion: 73 Resp: 504603
Ion Ratio Lower Upper
73 100
57 23.1 17.6 26.4



#20
Methylene Chloride
Concen: 50.586 ug/l
RT: 5.010 min Scan# 531
Delta R.T. -0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Tgt Ion: 84 Resp: 154860
Ion Ratio Lower Upper
84 100
49 125.1 88.3 132.5
51 36.5 28.2 42.2
86 60.7 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 48.827 ug/l

RT: 5.510 min Scan# 616

Delta R.T. 0.000 min

Lab File: VN073456.D

Acq: 14 Jul 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

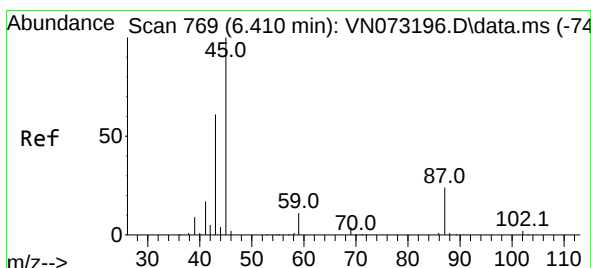
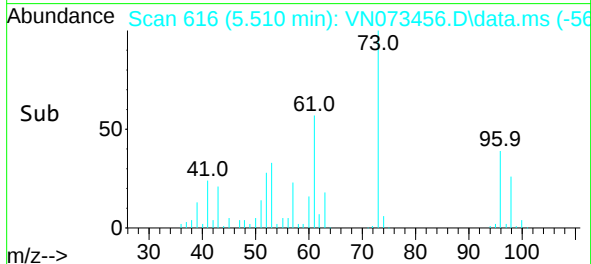
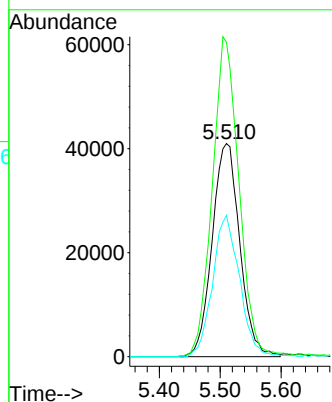
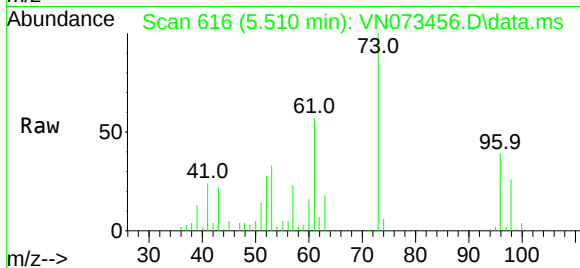
Tgt Ion: 96 Resp: 129108

Ion Ratio Lower Upper

96 100

61 147.2 105.8 158.8

98 66.3 50.3 75.5



#22

Diisopropyl ether

Concen: 57.676 ug/l

RT: 6.410 min Scan# 769

Delta R.T. 0.000 min

Lab File: VN073456.D

Acq: 14 Jul 2022 11:53

Tgt Ion: 45 Resp: 573744

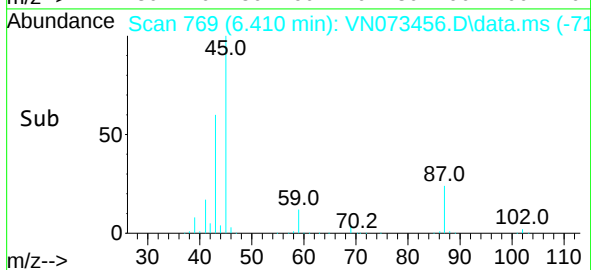
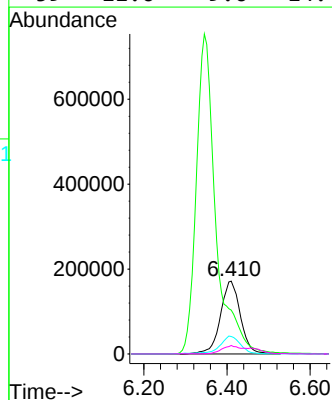
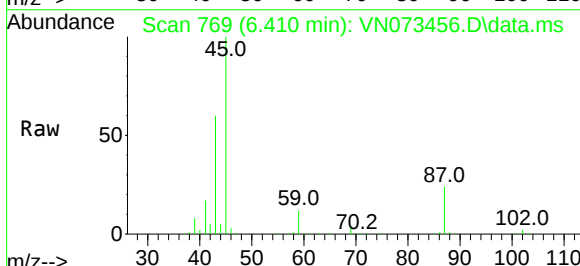
Ion Ratio Lower Upper

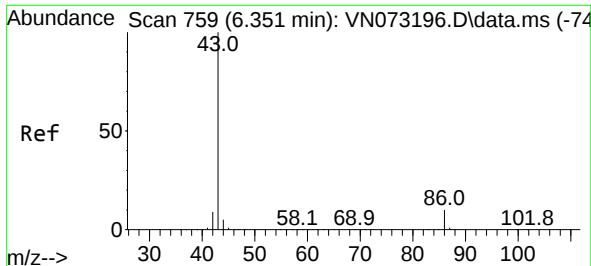
45 100

43 58.6 46.6 70.0

87 23.8 24.3 36.5#

59 11.6 9.6 14.4

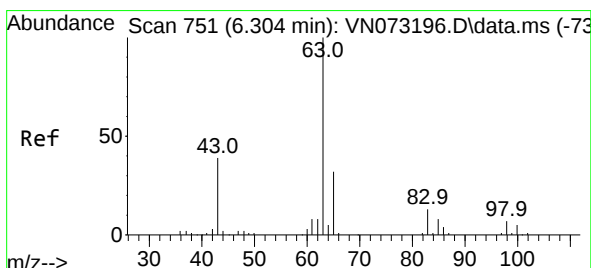
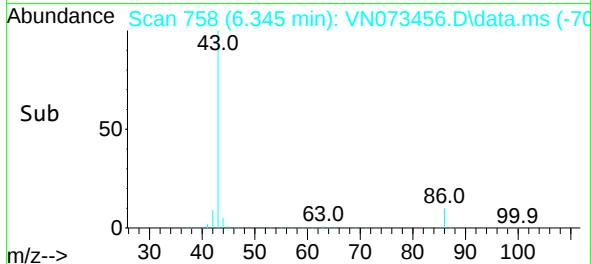
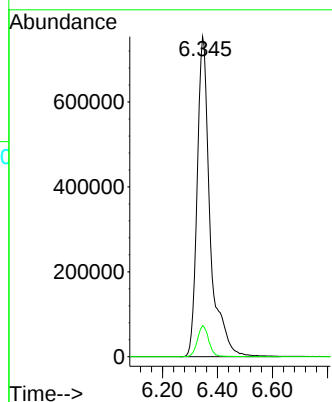
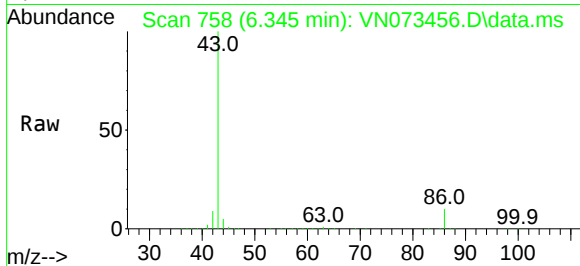




#23
 Vinyl Acetate
 Concen: 276.696 ug/l
 RT: 6.345 min Scan# 759
 Delta R.T. -0.006 min
 Lab File: VN073456.D
 Acq: 14 Jul 2022 11:53

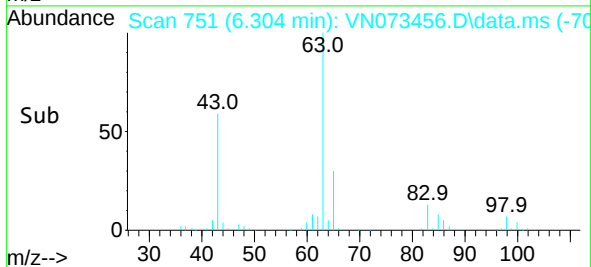
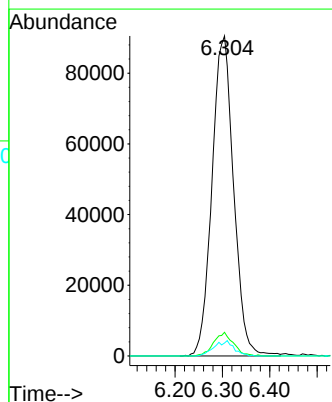
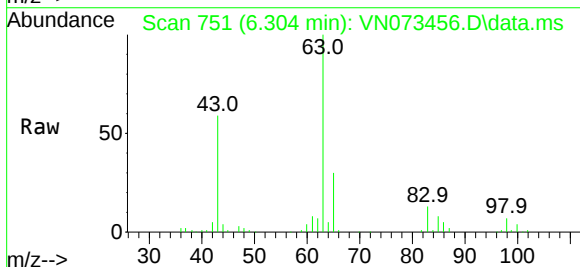
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

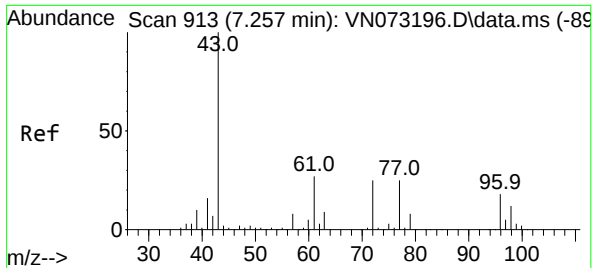
Tgt Ion: 43 Resp: 2464412
 Ion Ratio Lower Upper
 43 100
 86 9.7 10.0 15.0#



#24
 1,1-Dichloroethane
 Concen: 55.725 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN073456.D
 Acq: 14 Jul 2022 11:53

Tgt Ion: 63 Resp: 286869
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.4
 100 4.1 2.3 6.8

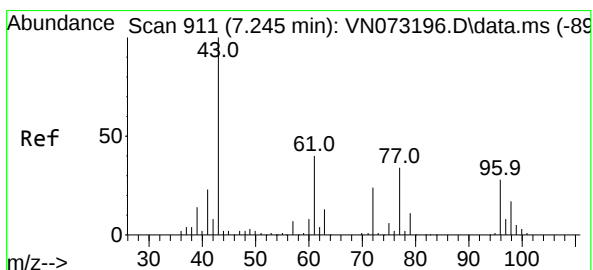
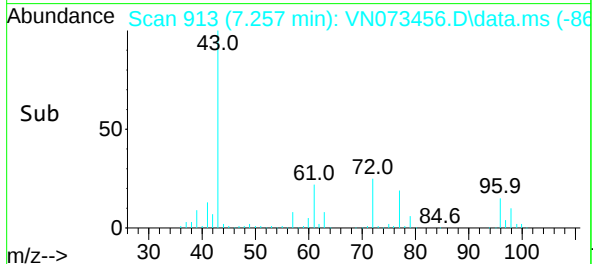
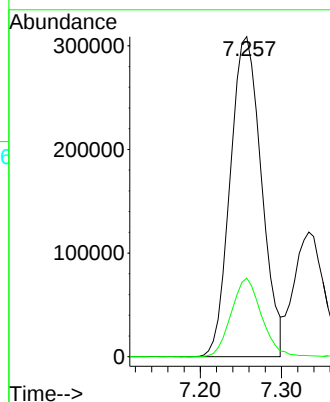
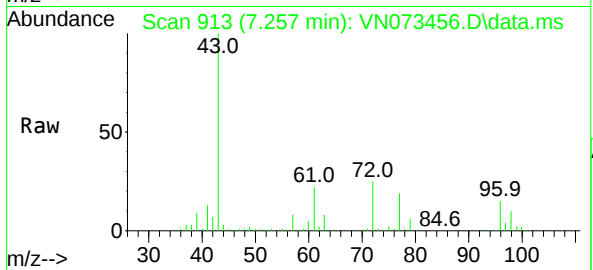




#25
2-Butanone
Concen: 298.066 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

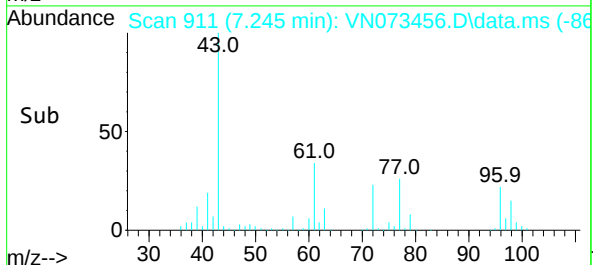
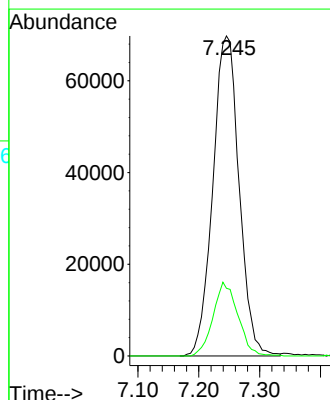
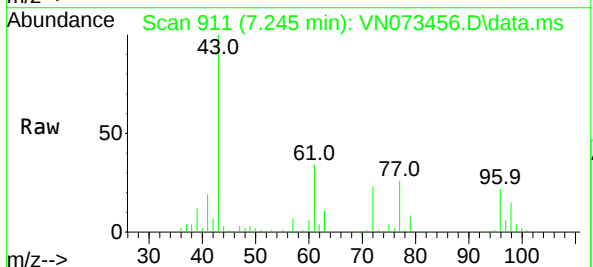
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

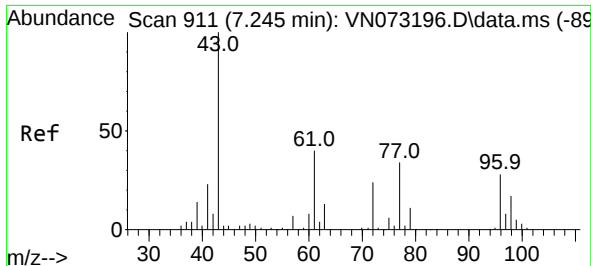
Tgt Ion: 43 Resp: 826641
Ion Ratio Lower Upper
43 100
72 24.6 23.7 35.5



#26
2,2-Dichloropropane
Concen: 43.915 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Tgt Ion: 77 Resp: 209085
Ion Ratio Lower Upper
77 100
97 21.9 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 51.827 ug/l

RT: 7.245 min Scan# 911

Delta R.T. 0.000 min

Lab File: VN073456.D

Acq: 14 Jul 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

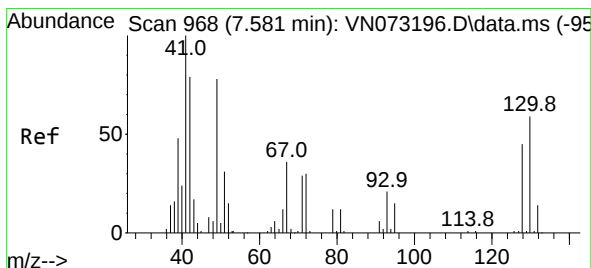
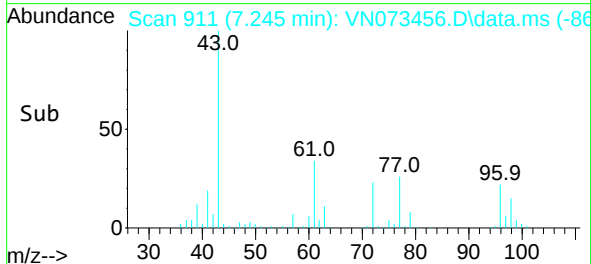
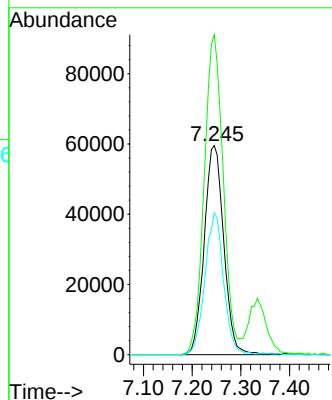
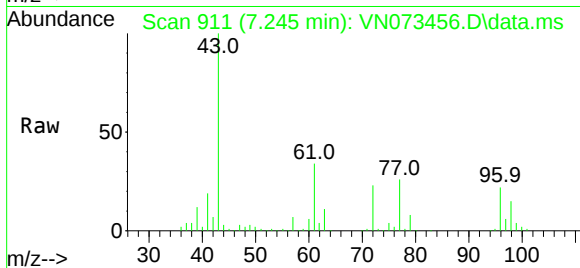
Tgt Ion: 96 Resp: 165956

Ion Ratio Lower Upper

96 100

61 149.8 0.0 280.6

98 64.6 0.0 128.4



#28

Bromochloromethane

Concen: 62.179 ug/l

RT: 7.581 min Scan# 968

Delta R.T. -0.000 min

Lab File: VN073456.D

Acq: 14 Jul 2022 11:53

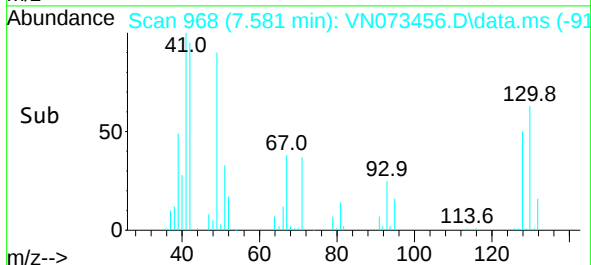
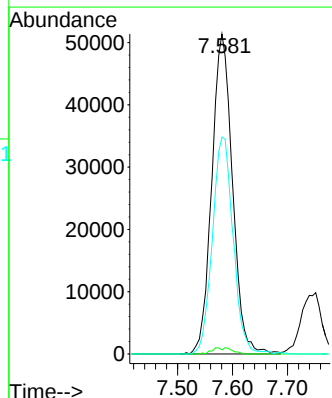
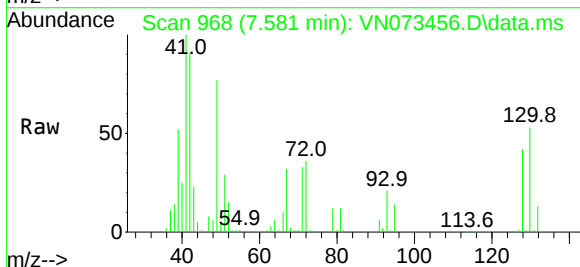
Tgt Ion: 49 Resp: 134057

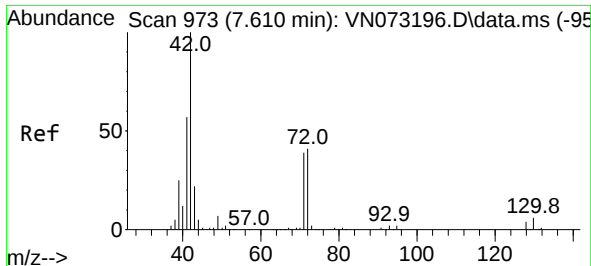
Ion Ratio Lower Upper

49 100

129 1.0 0.0 4.6

130 68.0 69.7 104.5#





#29

Tetrahydrofuran

Concen: 290.758 ug/l

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN073456.D

Acq: 14 Jul 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

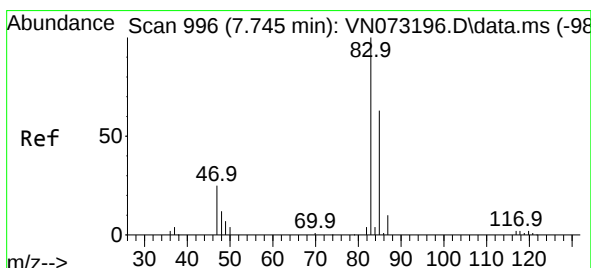
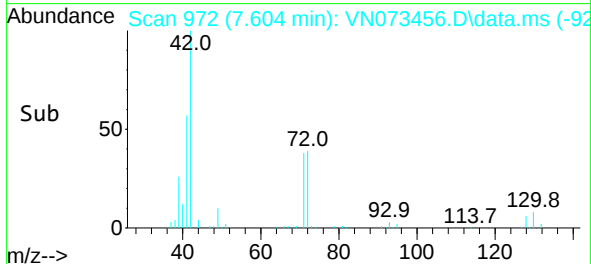
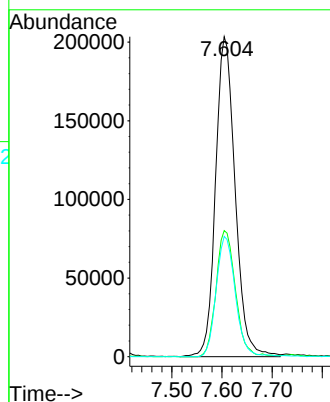
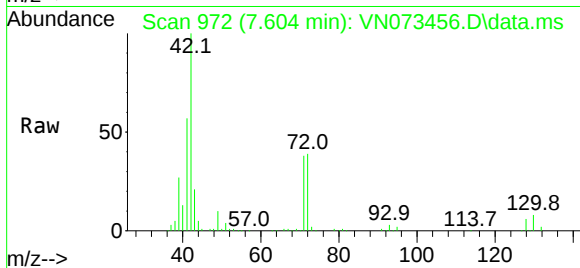
Tgt Ion: 42 Resp: 552141

Ion Ratio Lower Upper

42 100

72 39.1 39.7 59.5#

71 36.8 36.6 55.0



#30

Chloroform

Concen: 55.571 ug/l

RT: 7.745 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN073456.D

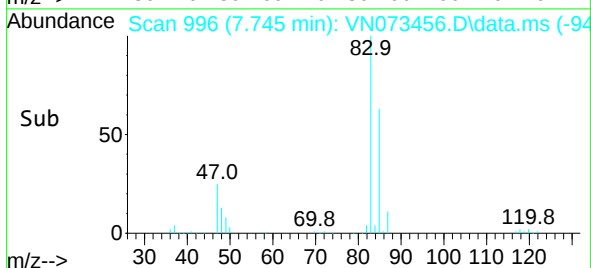
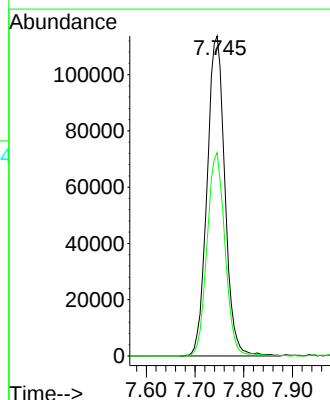
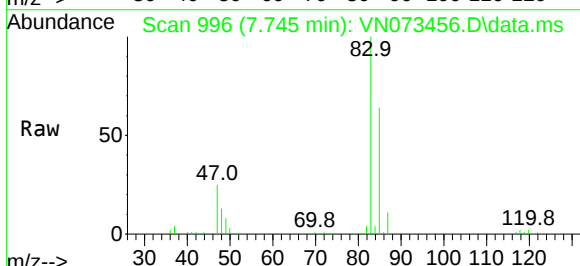
Acq: 14 Jul 2022 11:53

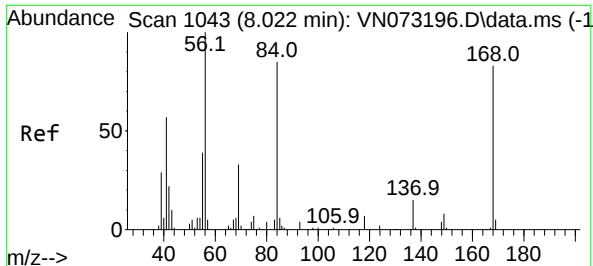
Tgt Ion: 83 Resp: 288132

Ion Ratio Lower Upper

83 100

85 63.6 51.8 77.8

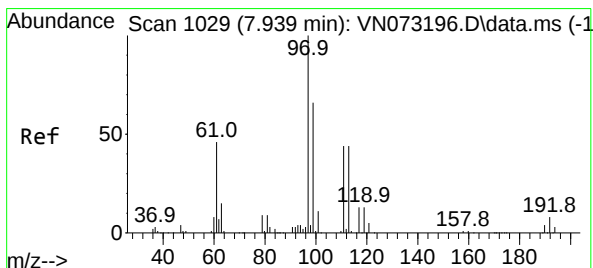
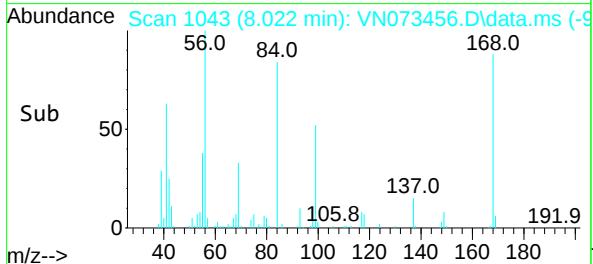
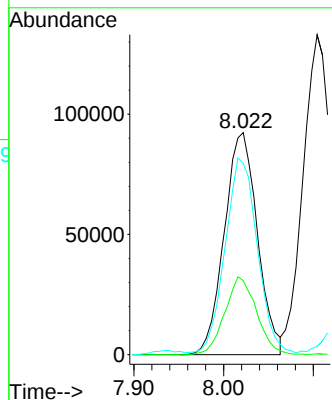
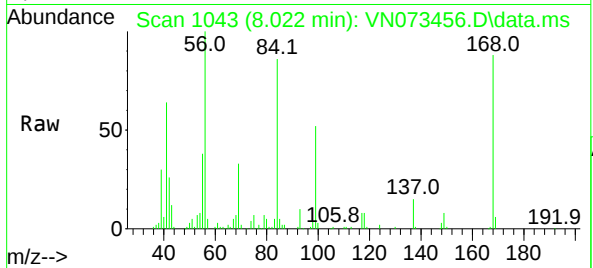




#31
Cyclohexane
Concen: 46.551 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

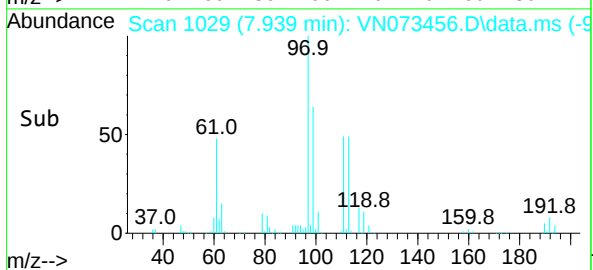
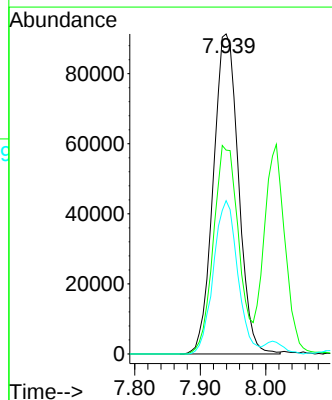
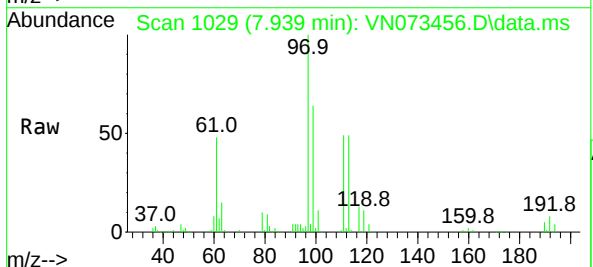
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

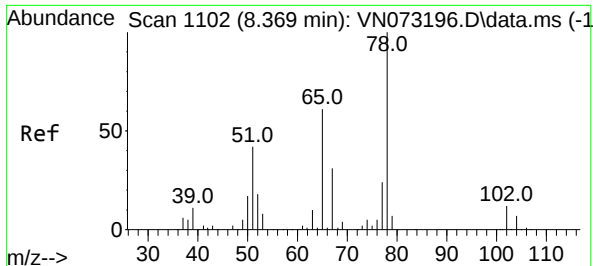
Tgt Ion: 56 Resp: 236590
Ion Ratio Lower Upper
56 100
69 33.4 27.8 41.8
84 84.7 76.9 115.3



#32
1,1,1-Trichloroethane
Concen: 52.696 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Tgt Ion: 97 Resp: 243491
Ion Ratio Lower Upper
97 100
99 65.6 50.6 76.0
61 46.2 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 52.116 ug/l

RT: 8.363 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VN073456.D

Acq: 14 Jul 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

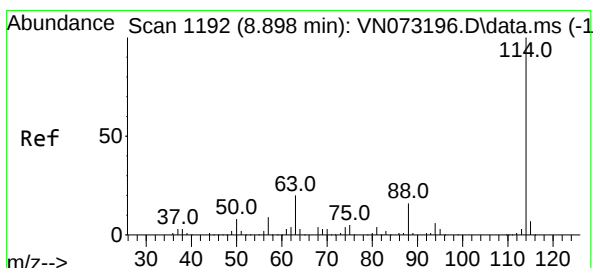
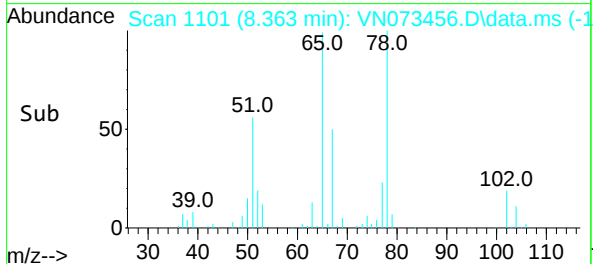
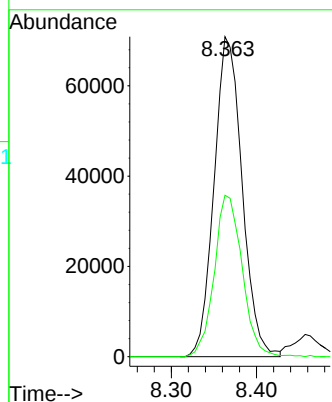
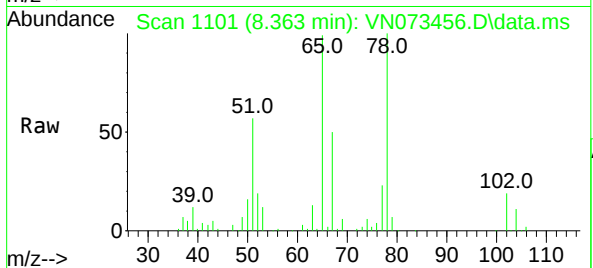
VSTDCCC050

Tgt Ion: 65 Resp: 161733

Ion Ratio Lower Upper

65 100

67 50.3 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN073456.D

Acq: 14 Jul 2022 11:53

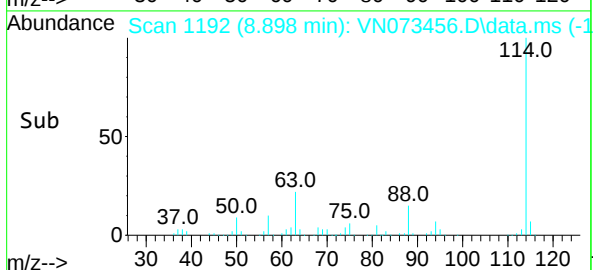
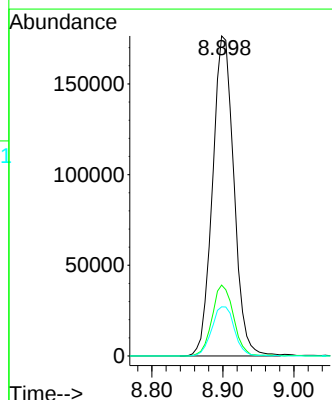
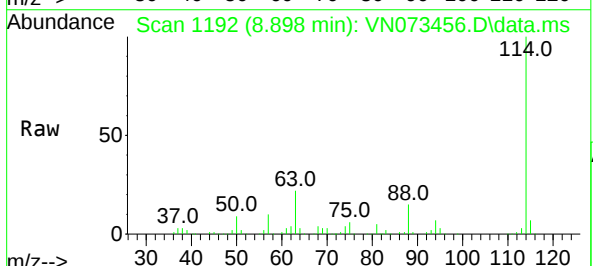
Tgt Ion: 114 Resp: 367904

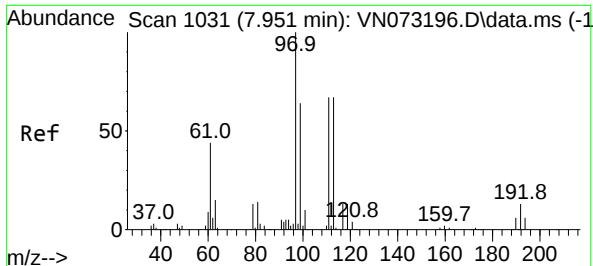
Ion Ratio Lower Upper

114 100

63 22.1 0.0 40.0

88 15.4 0.0 32.6

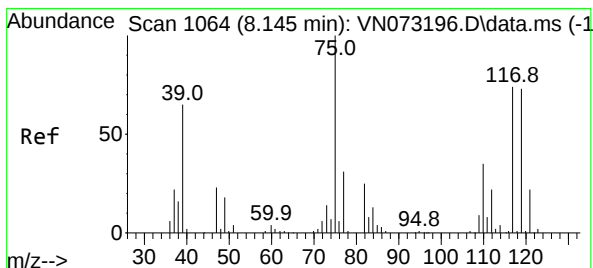
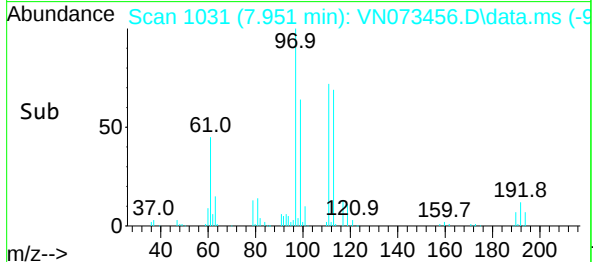
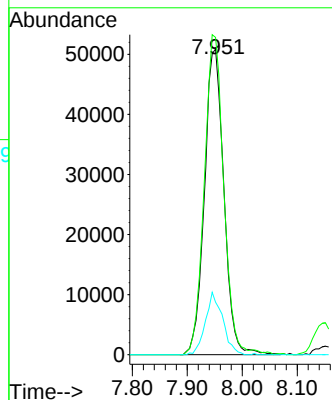
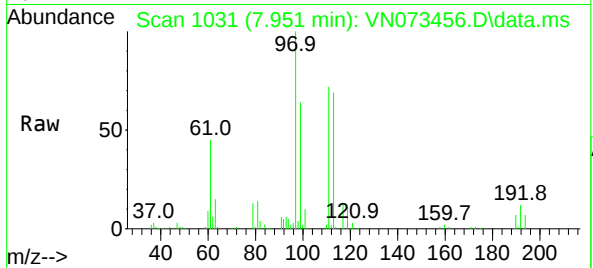




#35
Dibromofluoromethane
Concen: 51.133 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

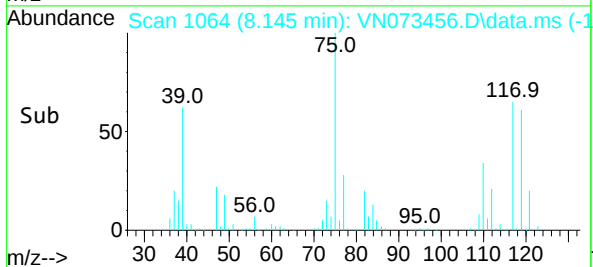
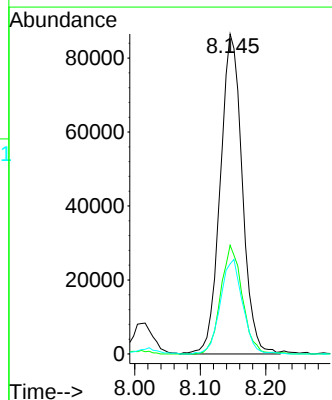
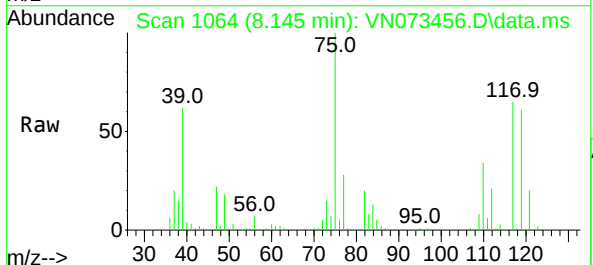
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

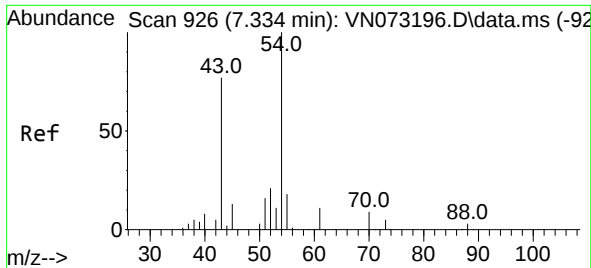
Tgt Ion:113 Resp: 125160
Ion Ratio Lower Upper
113 100
111 104.6 81.4 122.0
192 18.2 17.0 25.6



#36
1,1-Dichloropropene
Concen: 53.360 ug/l
RT: 8.145 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Tgt Ion: 75 Resp: 200970
Ion Ratio Lower Upper
75 100
110 33.4 18.3 54.8
77 30.0 25.1 37.7

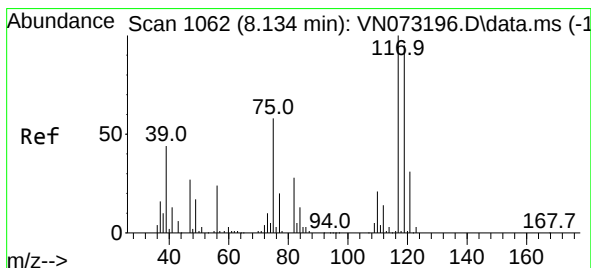
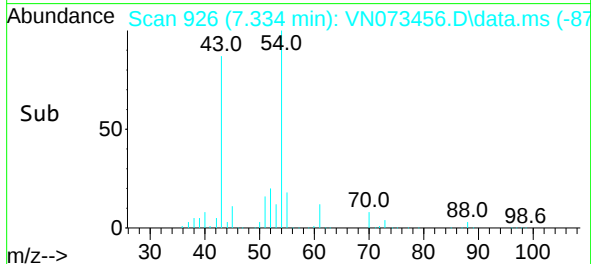
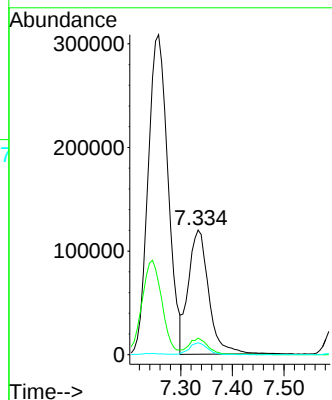
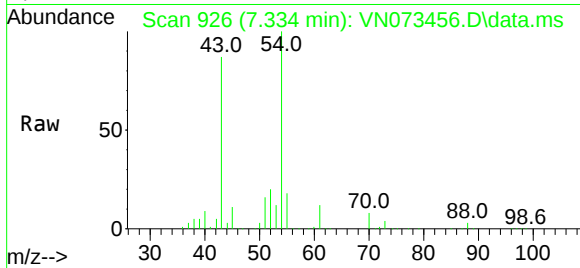




#37
Ethyl Acetate
Concen: 57.607 ug/l
RT: 7.334 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

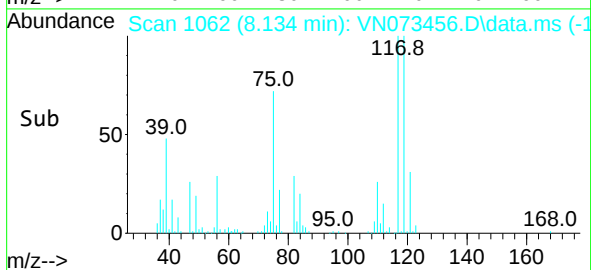
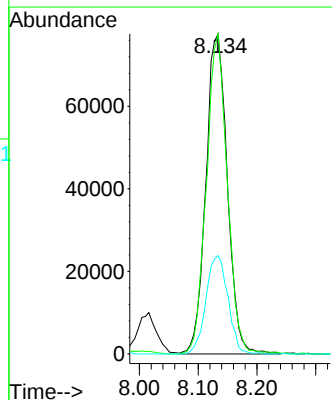
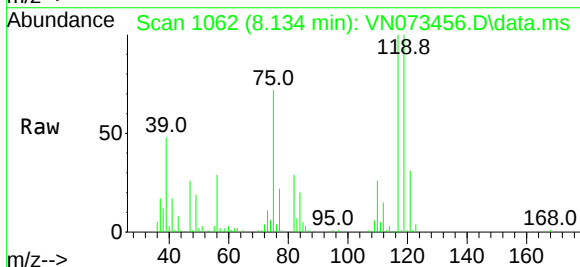
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

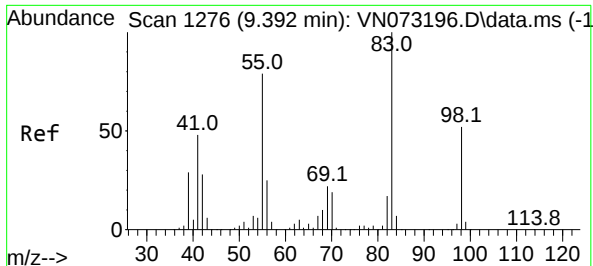
Tgt Ion: 43 Resp: 327830
Ion Ratio Lower Upper
43 100
61 11.8 11.8 17.6#
70 8.7 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 50.681 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Tgt Ion: 117 Resp: 197394
Ion Ratio Lower Upper
117 100
119 100.0 75.8 113.8
121 30.7 24.6 37.0





#39

Methylcyclohexane

Concen: 49.807 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN073456.D

Acq: 14 Jul 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

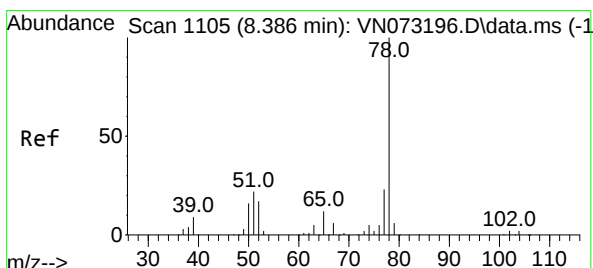
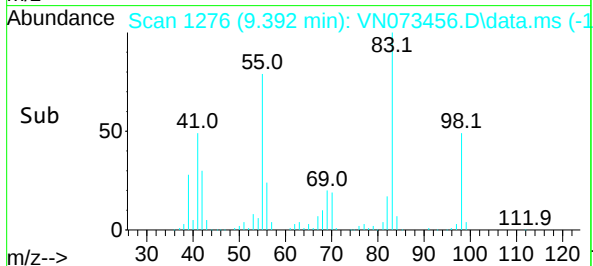
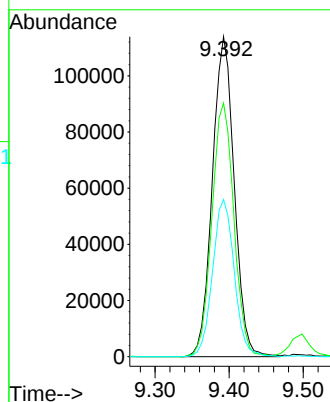
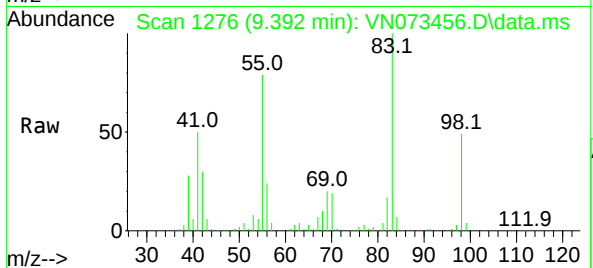
Tgt Ion: 83 Resp: 233547

Ion Ratio Lower Upper

83 100

55 79.3 57.8 86.8

98 49.1 39.4 59.2



#40

Benzene

Concen: 52.889 ug/l

RT: 8.387 min Scan# 1105

Delta R.T. 0.001 min

Lab File: VN073456.D

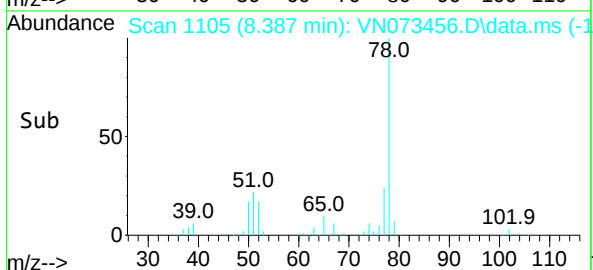
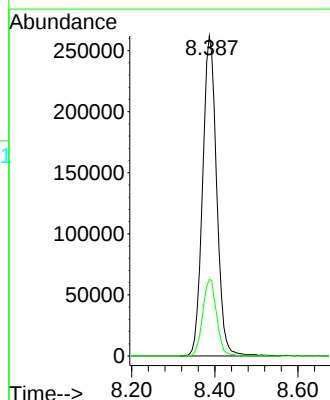
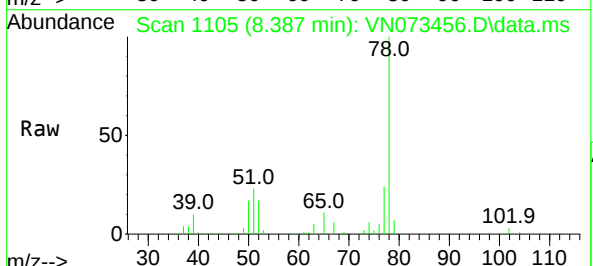
Acq: 14 Jul 2022 11:53

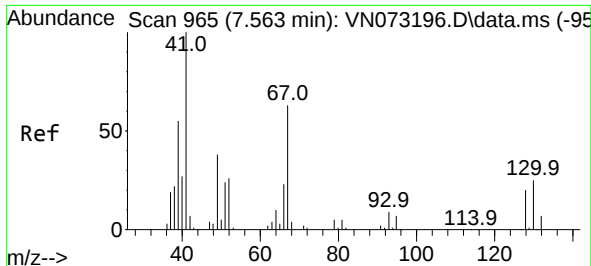
Tgt Ion: 78 Resp: 614748

Ion Ratio Lower Upper

78 100

77 23.9 19.4 29.0

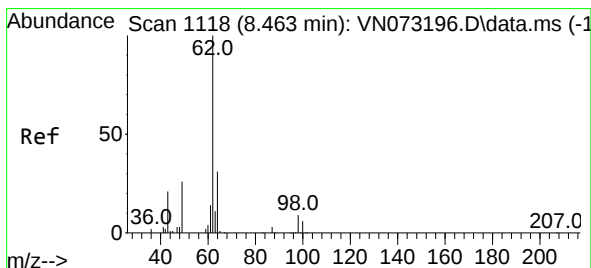
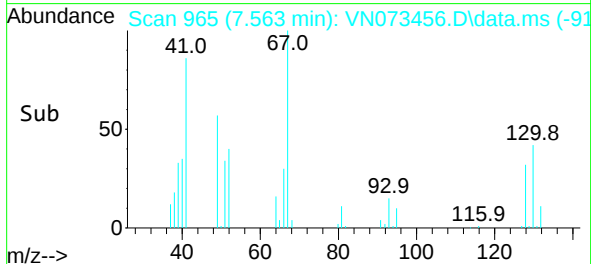
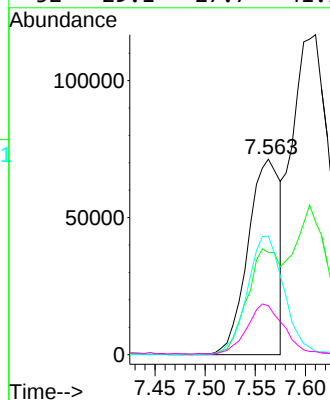
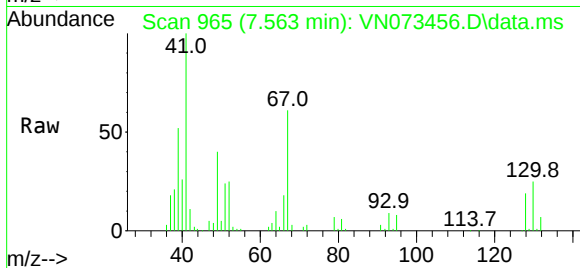




#41
Methacrylonitrile
Concen: 57.457 ug/l
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

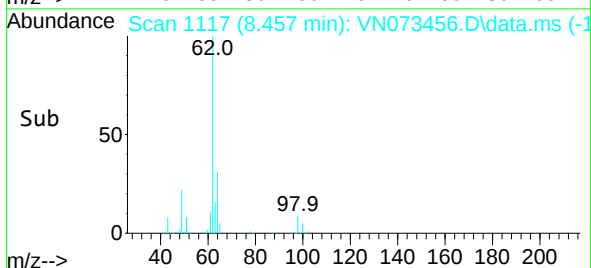
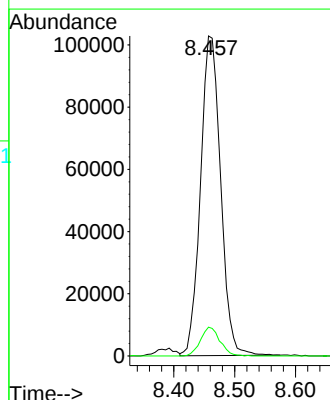
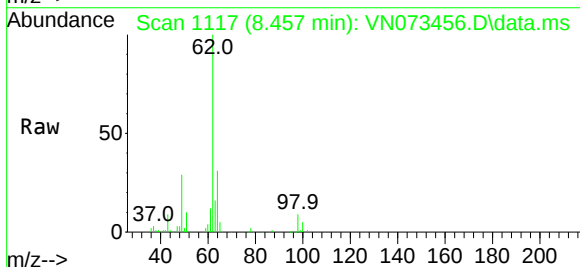
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

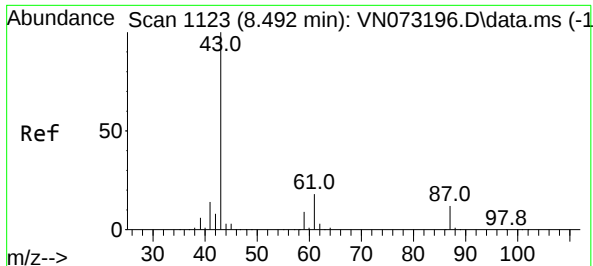
Tgt Ion:	41	Resp:	158578
Ion	Ratio	Lower	Upper
41	100		
39	54.4	48.6	73.0
67	70.4	73.4	110.2#
52	29.1	27.7	41.5



#42
1,2-Dichloroethane
Concen: 56.072 ug/l
RT: 8.457 min Scan# 1117
Delta R.T. -0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Tgt Ion:	62	Resp:	236254
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	19.4





#43

Isopropyl Acetate

Concen: 57.506 ug/l

RT: 8.492 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN073456.D

Acq: 14 Jul 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

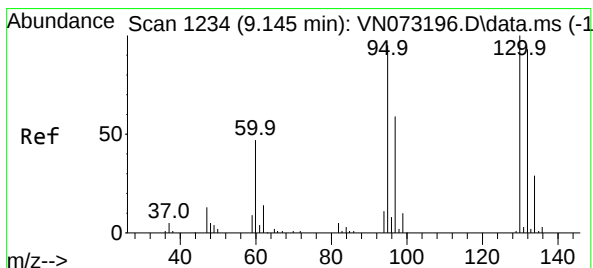
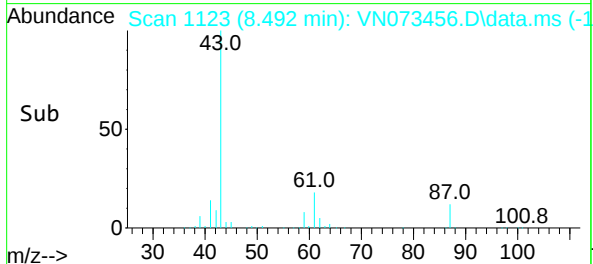
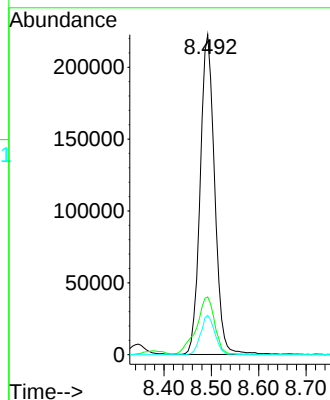
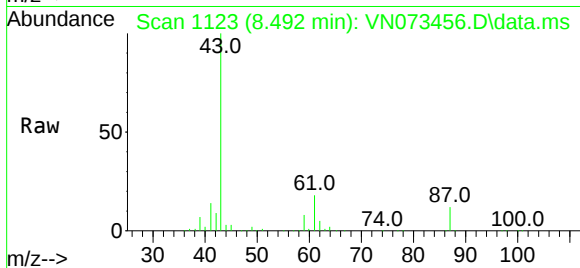
Tgt Ion: 43 Resp: 470319

Ion Ratio Lower Upper

43 100

61 23.2 21.9 32.9

87 12.2 12.0 18.0



#44

Trichloroethene

Concen: 50.559 ug/l

RT: 9.151 min Scan# 1235

Delta R.T. 0.006 min

Lab File: VN073456.D

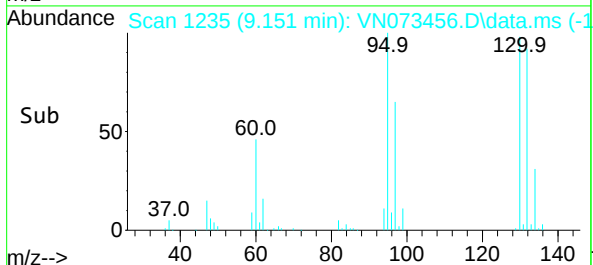
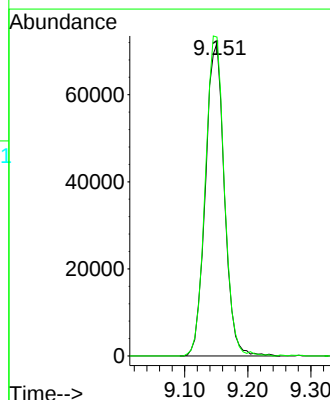
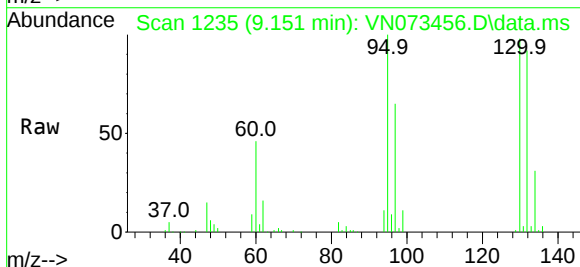
Acq: 14 Jul 2022 11:53

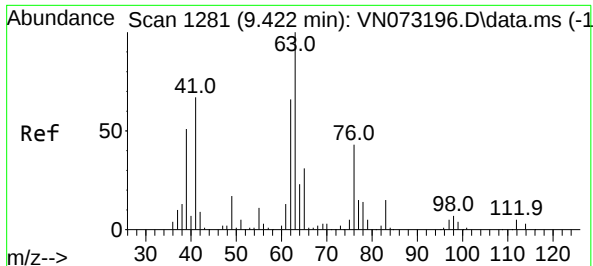
Tgt Ion:130 Resp: 149550

Ion Ratio Lower Upper

130 100

95 102.0 0.0 186.8





#45

1,2-Dichloropropane

Concen: 56.074 ug/l

RT: 9.422 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VN073456.D

Acq: 14 Jul 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

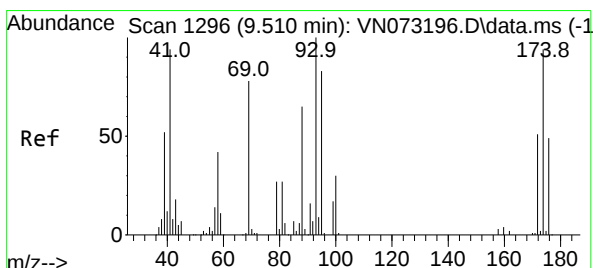
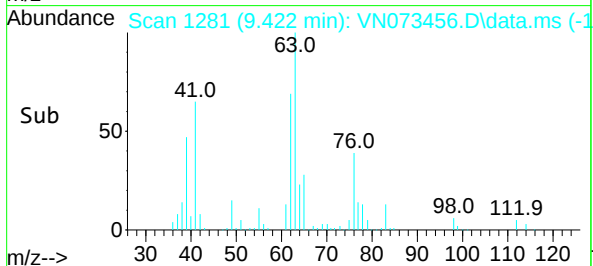
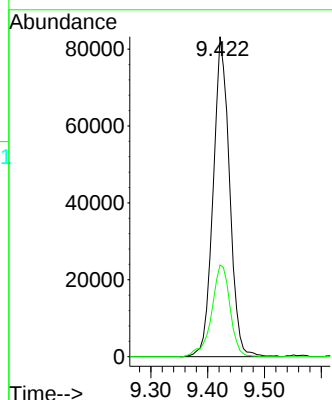
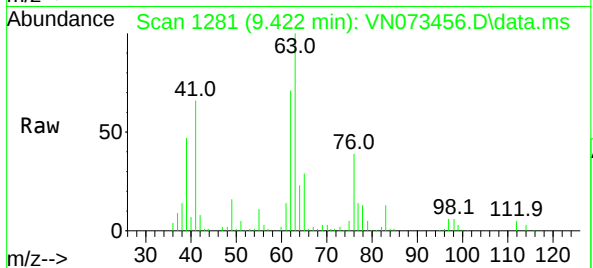
VSTDCCC050

Tgt Ion: 63 Resp: 166124

Ion Ratio Lower Upper

63 100

65 28.6 24.9 37.3



#46

Dibromomethane

Concen: 54.956 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073456.D

Acq: 14 Jul 2022 11:53

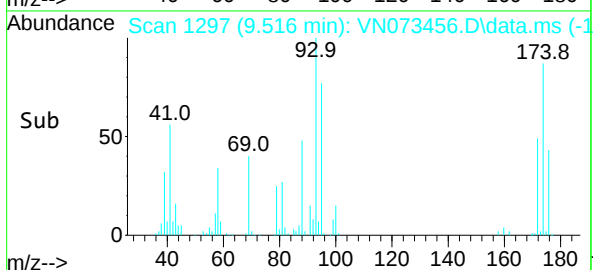
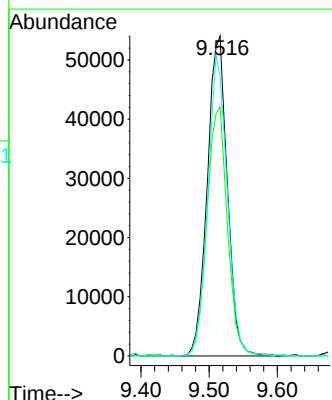
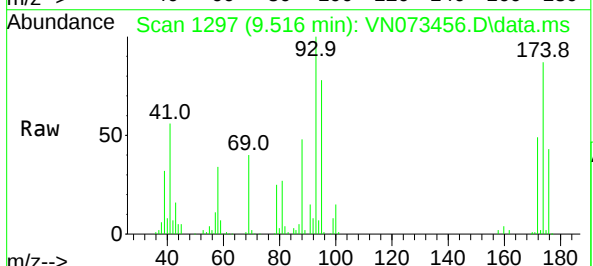
Tgt Ion: 93 Resp: 110547

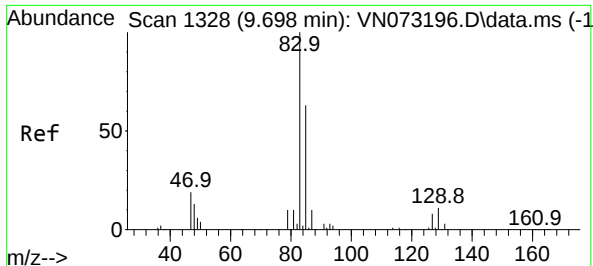
Ion Ratio Lower Upper

93 100

95 79.8 66.9 100.3

174 91.0 86.6 130.0

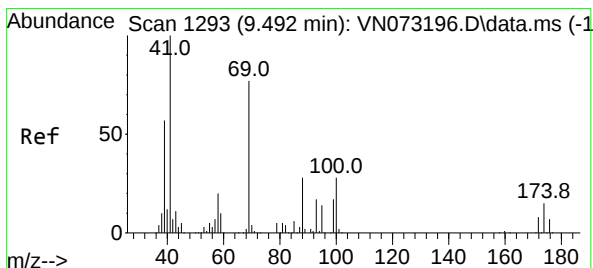
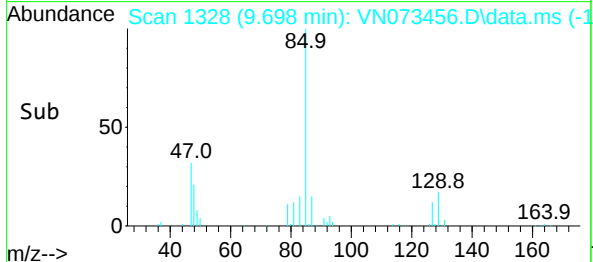
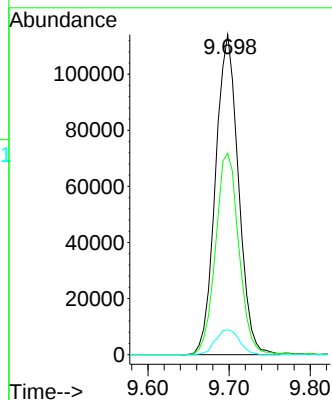
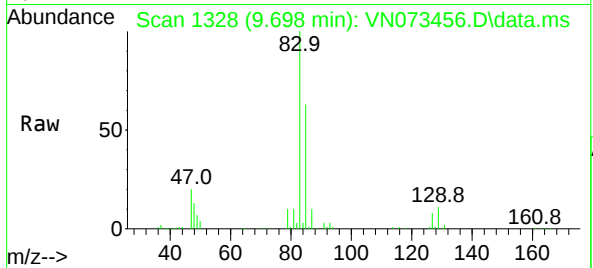




#47
Bromodichloromethane
Concen: 57.511 ug/l
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

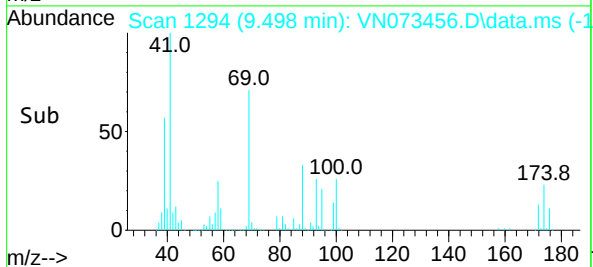
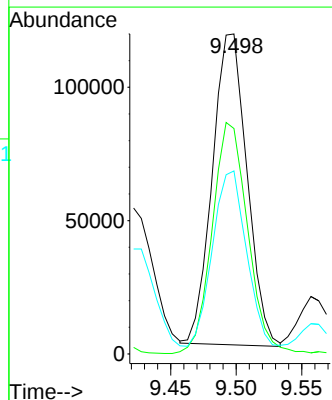
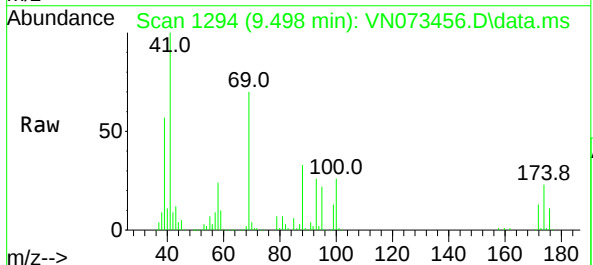
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

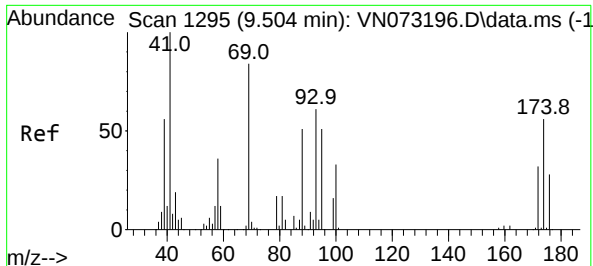
Tgt Ion: 83 Resp: 224065
Ion Ratio Lower Upper
83 100
85 62.9 50.5 75.7
127 7.8 6.8 10.2



#48
Methyl methacrylate
Concen: 56.532 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Tgt Ion: 41 Resp: 214077
Ion Ratio Lower Upper
41 100
69 76.2 74.7 112.1
39 60.2 45.6 68.4





#49

1,4-Dioxane

Concen: 1198.598 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VN073456.D

Acq: 14 Jul 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

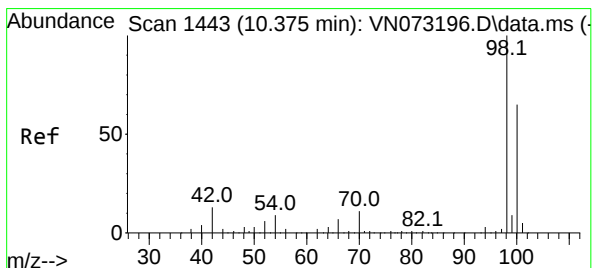
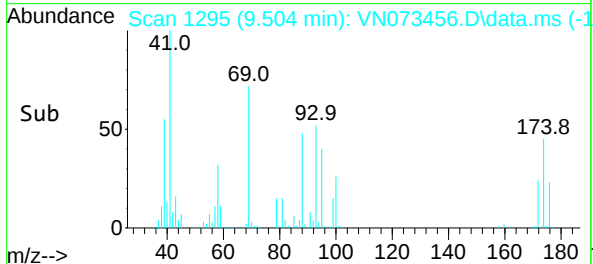
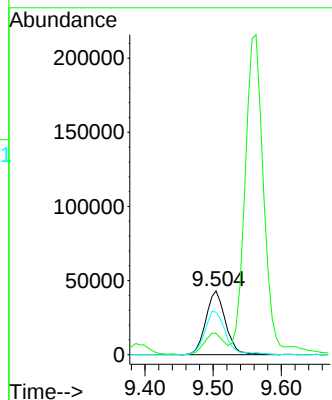
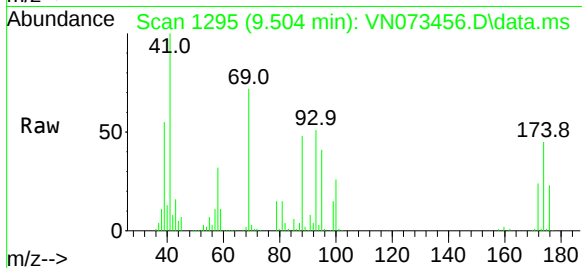
Tgt Ion: 88 Resp: 86165

Ion Ratio Lower Upper

88 100

43 33.6 20.2 30.4#

58 72.5 54.2 81.4



#50

Toluene-d8

Concen: 49.722 ug/l

RT: 10.375 min Scan# 1443

Delta R.T. -0.000 min

Lab File: VN073456.D

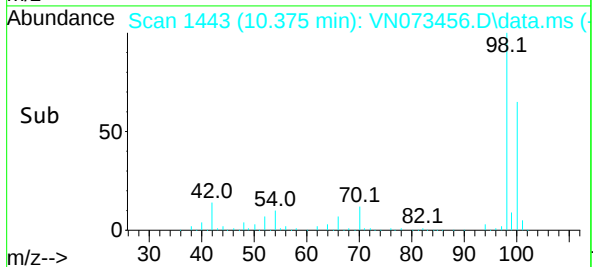
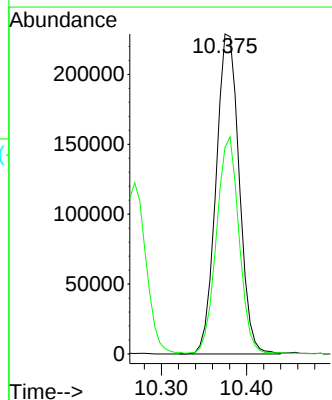
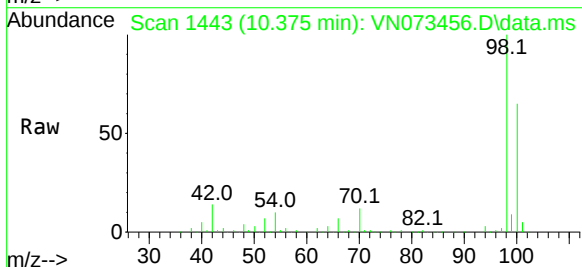
Acq: 14 Jul 2022 11:53

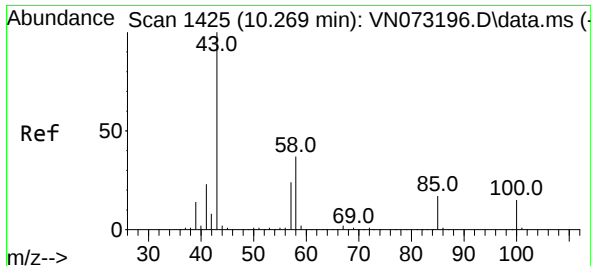
Tgt Ion: 98 Resp: 432259

Ion Ratio Lower Upper

98 100

100 66.2 52.6 78.8

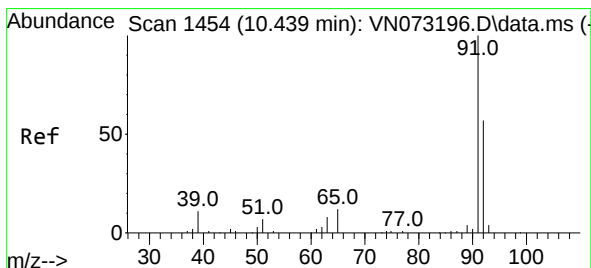
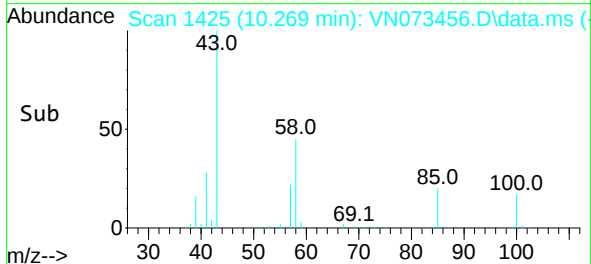
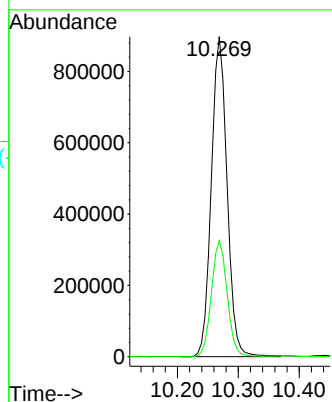
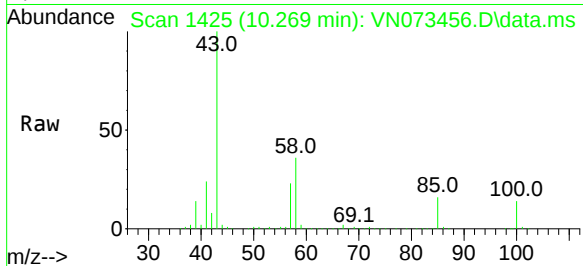




#51
4-Methyl-2-Pentanone
Concen: 310.525 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

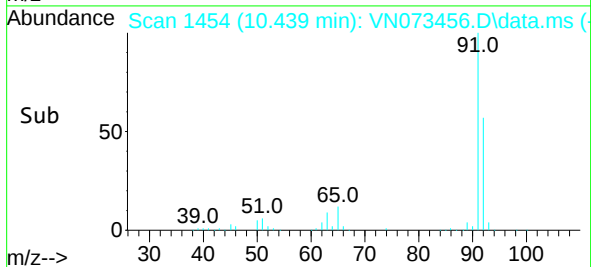
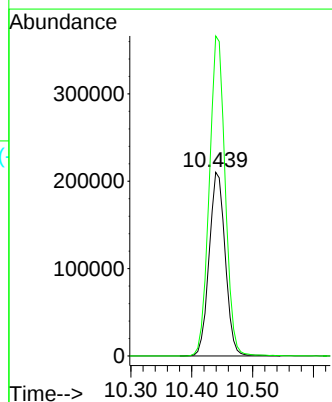
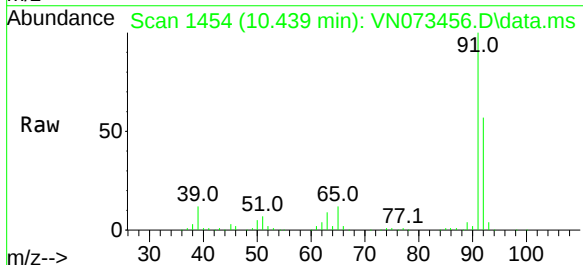
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

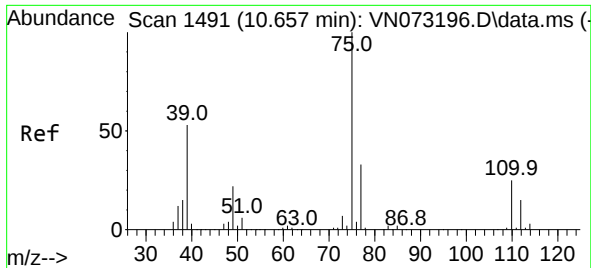
Tgt Ion: 43 Resp: 1610547
Ion Ratio Lower Upper
43 100
58 36.3 34.1 51.1



#52
Toluene
Concen: 53.658 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Tgt Ion: 92 Resp: 385442
Ion Ratio Lower Upper
92 100
91 172.4 138.6 207.8

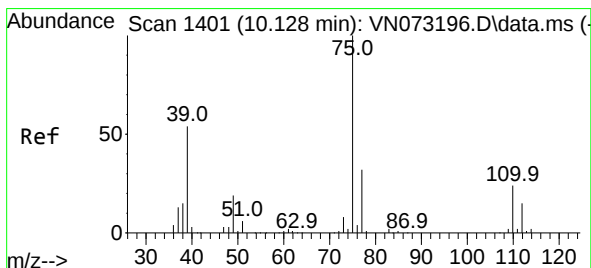
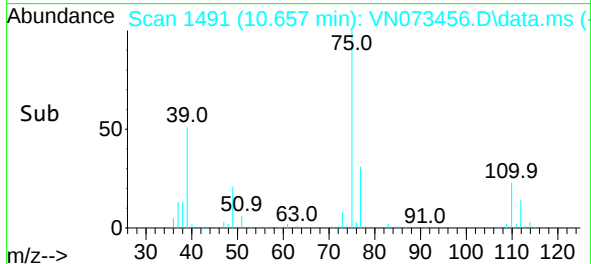
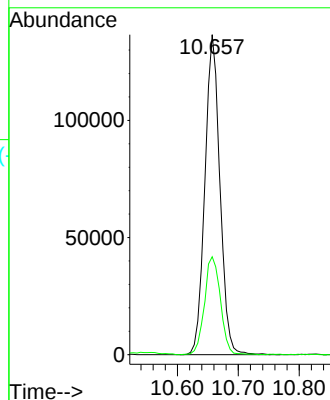
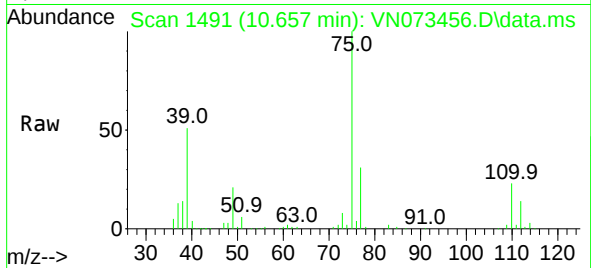




#53
t-1,3-Dichloropropene
Concen: 54.544 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

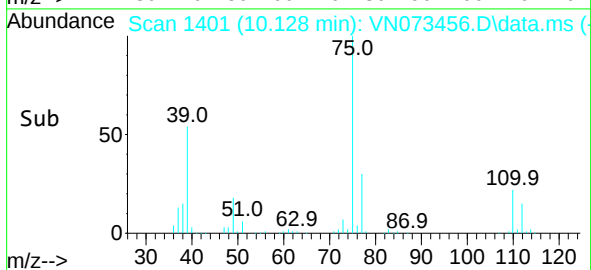
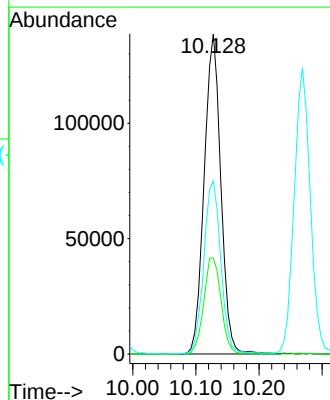
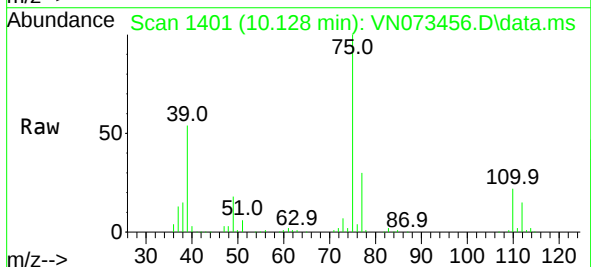
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

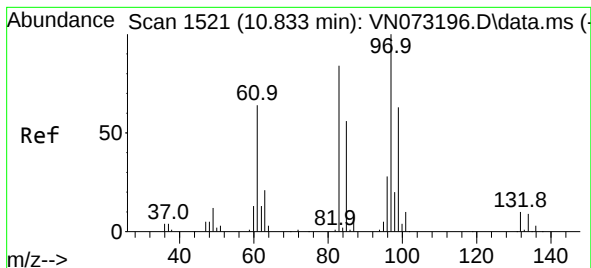
Tgt Ion: 75 Resp: 233935
Ion Ratio Lower Upper
75 100
77 30.6 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 54.919 ug/l
RT: 10.128 min Scan# 1401
Delta R.T. -0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Tgt Ion: 75 Resp: 254294
Ion Ratio Lower Upper
75 100
77 30.0 25.2 37.8
39 54.0 35.7 53.5#





#55

1,1,2-Trichloroethane

Concen: 55.001 ug/l

RT: 10.839 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073456.D

Acq: 14 Jul 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 162651

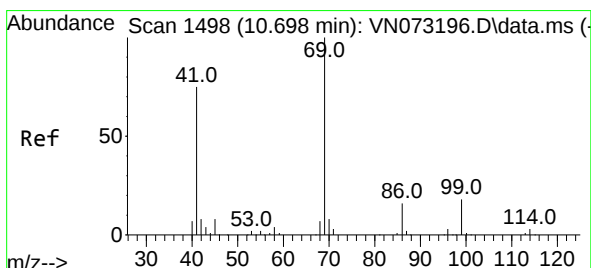
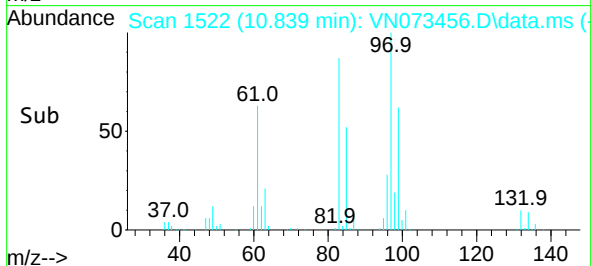
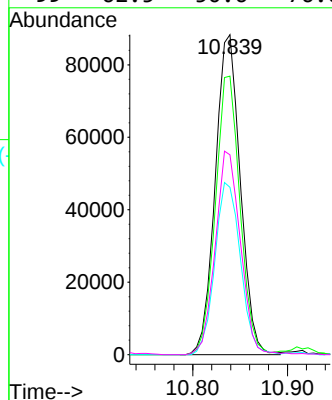
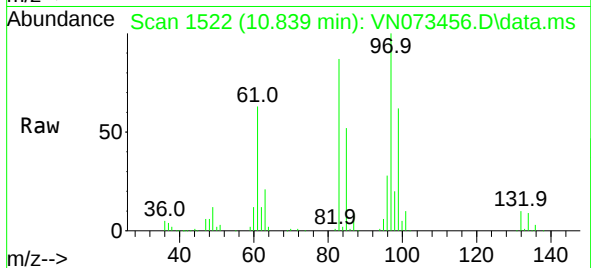
Ion Ratio Lower Upper

97 100

83 87.0 66.2 99.4

85 52.3 43.9 65.9

99 62.5 50.6 76.0



#56

Ethyl methacrylate

Concen: 56.366 ug/l

RT: 10.698 min Scan# 1498

Delta R.T. 0.000 min

Lab File: VN073456.D

Acq: 14 Jul 2022 11:53

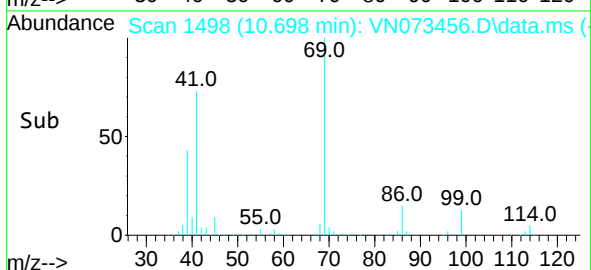
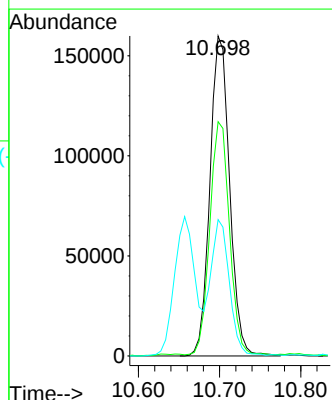
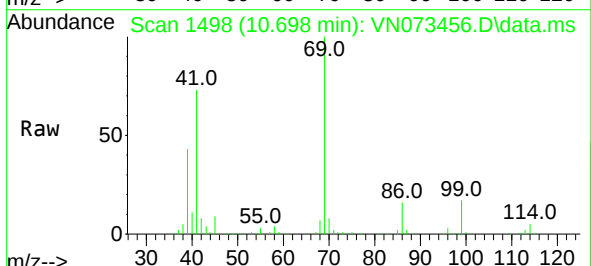
Tgt Ion: 69 Resp: 269421

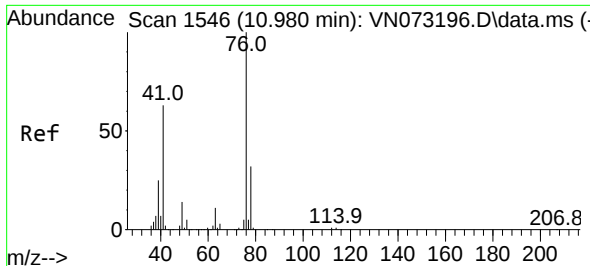
Ion Ratio Lower Upper

69 100

41 72.6 47.8 71.6#

39 39.6 27.3 40.9





#57

1,3-Dichloropropane

Concen: 55.427 ug/l

RT: 10.980 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN073456.D

Acq: 14 Jul 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

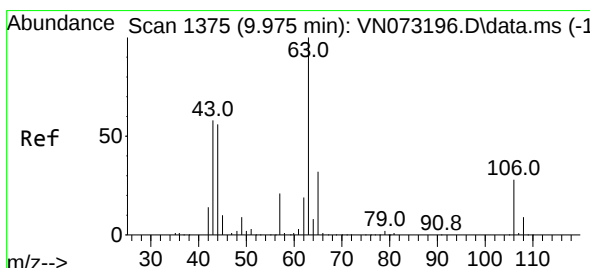
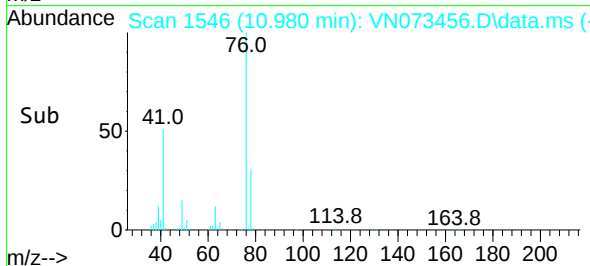
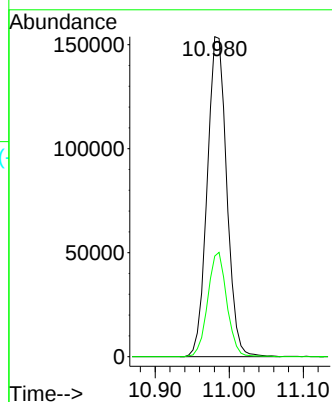
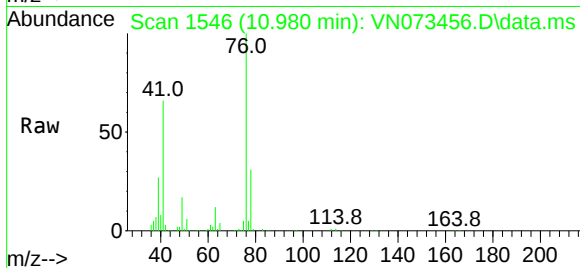
VSTDCCC050

Tgt Ion: 76 Resp: 280986

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 292.294 ug/l

RT: 9.981 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VN073456.D

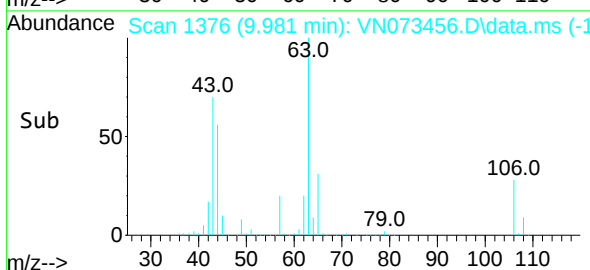
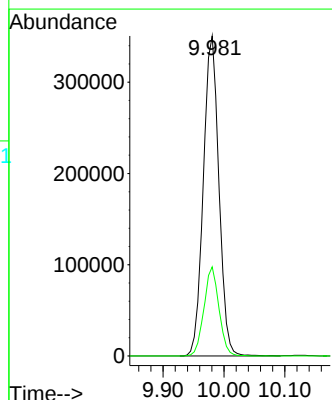
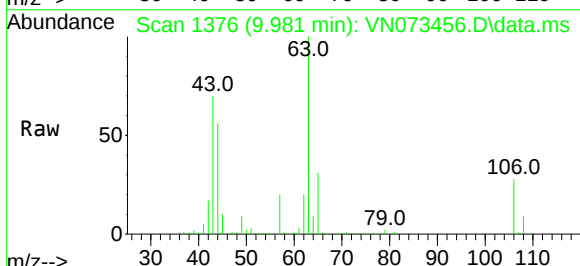
Acq: 14 Jul 2022 11:53

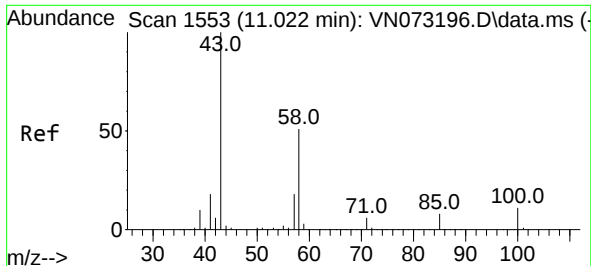
Tgt Ion: 63 Resp: 623087

Ion Ratio Lower Upper

63 100

106 26.9 24.6 36.8

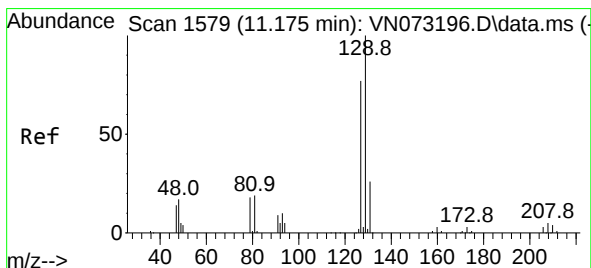
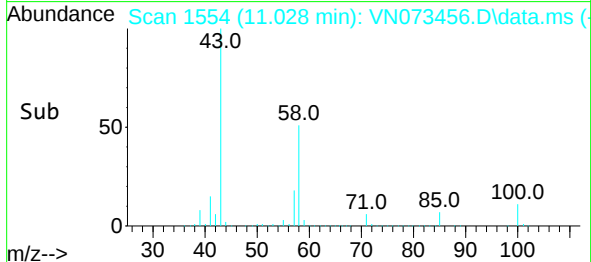
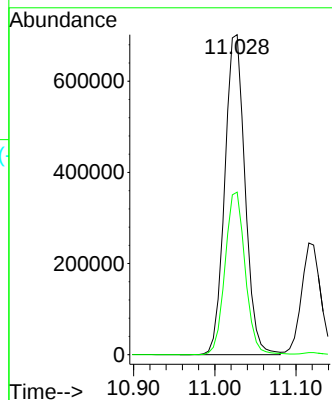
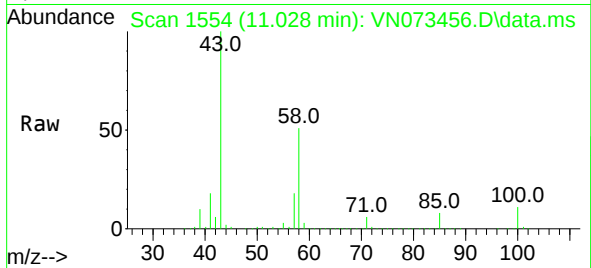




#59
2-Hexanone
Concen: 308.536 ug/l
RT: 11.028 min Scan# 1553
Delta R.T. 0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

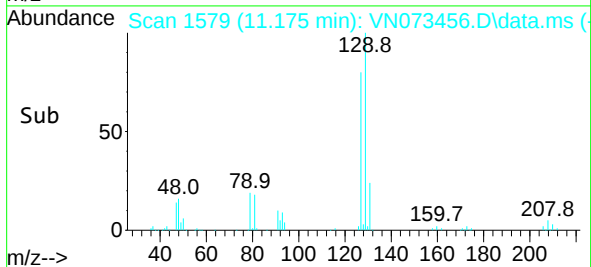
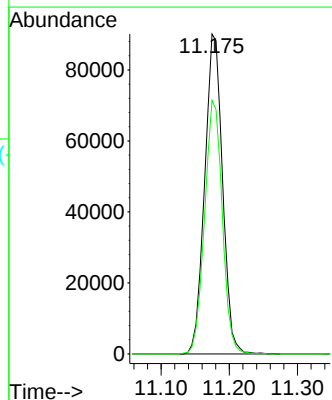
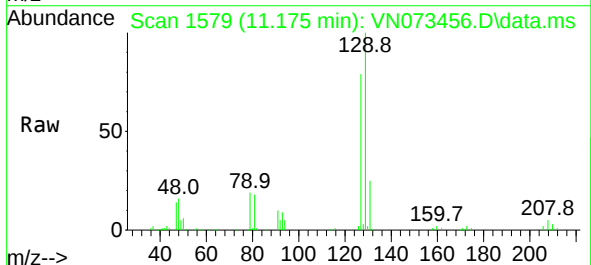
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

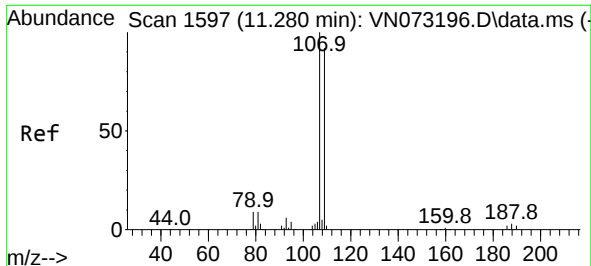
Tgt Ion: 43 Resp: 1219810
Ion Ratio Lower Upper
43 100
58 50.4 29.7 89.1



#60
Dibromochloromethane
Concen: 58.187 ug/l
RT: 11.175 min Scan# 1579
Delta R.T. -0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Tgt Ion: 129 Resp: 164058
Ion Ratio Lower Upper
129 100
127 78.7 38.8 116.4

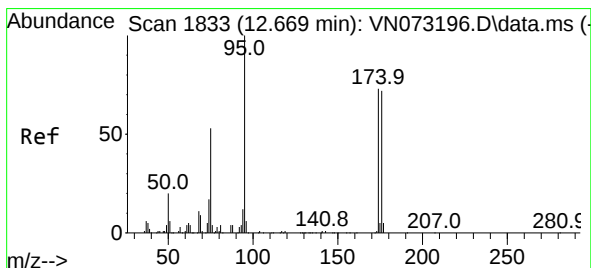
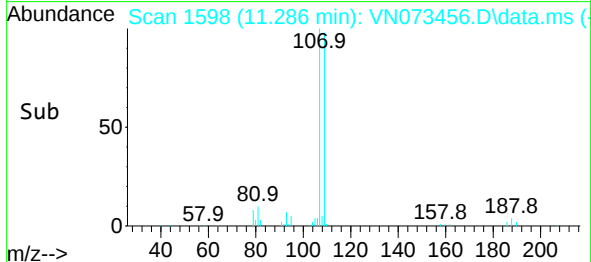
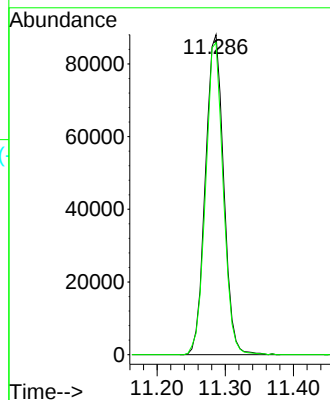
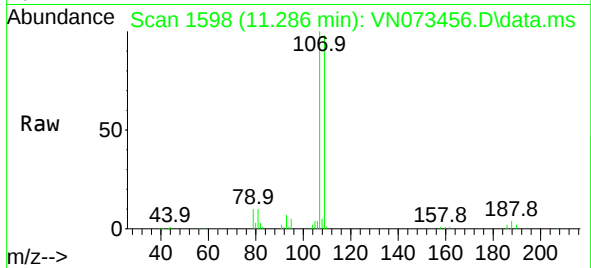




#61
1,2-Dibromoethane
Concen: 55.535 ug/l
RT: 11.286 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

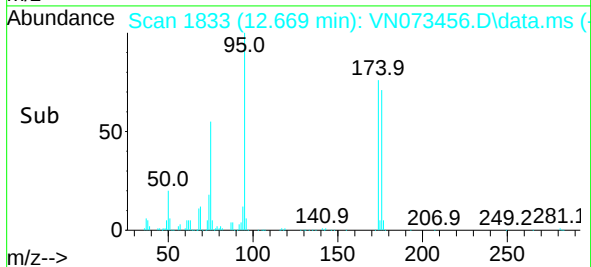
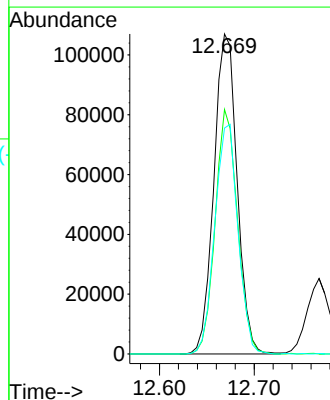
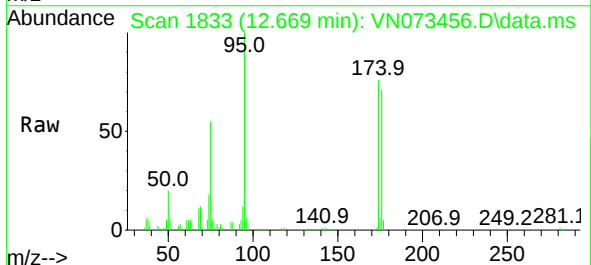
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

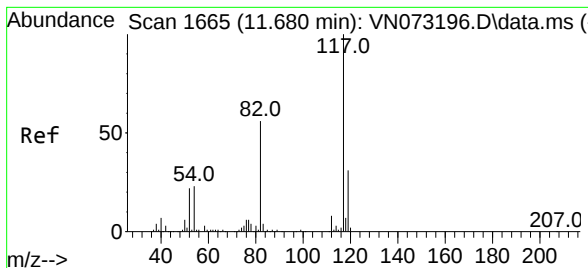
Tgt Ion:107 Resp: 164038
Ion Ratio Lower Upper
107 100
109 94.2 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 54.567 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Tgt Ion: 95 Resp: 182301
Ion Ratio Lower Upper
95 100
174 73.4 0.0 167.6
176 71.6 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073456.D

Acq: 14 Jul 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

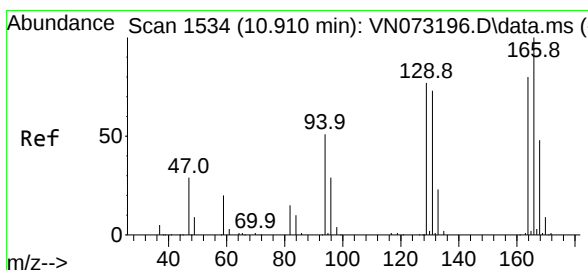
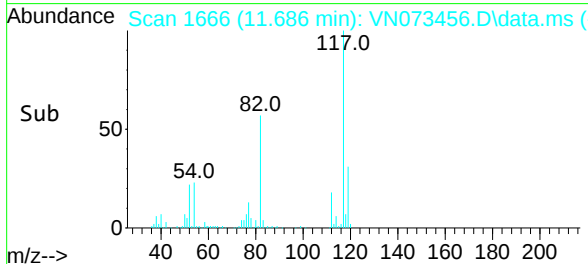
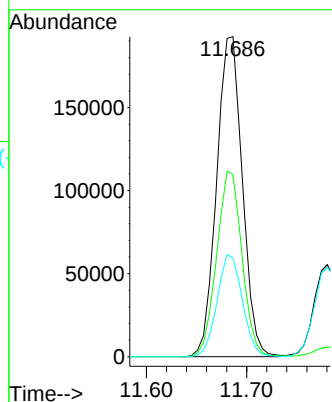
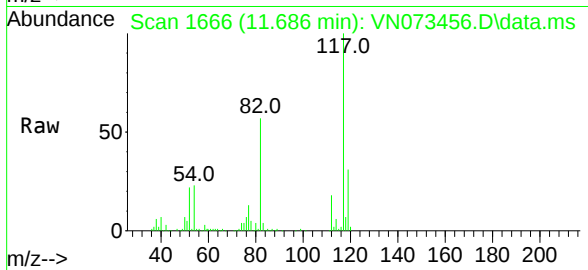
Tgt Ion:117 Resp: 343264

Ion Ratio Lower Upper

117 100

82 57.0 44.2 66.2

119 30.9 25.4 38.0



#64

Tetrachloroethene

Concen: 48.523 ug/l

RT: 10.916 min Scan# 1535

Delta R.T. 0.006 min

Lab File: VN073456.D

Acq: 14 Jul 2022 11:53

Tgt Ion:164 Resp: 136011

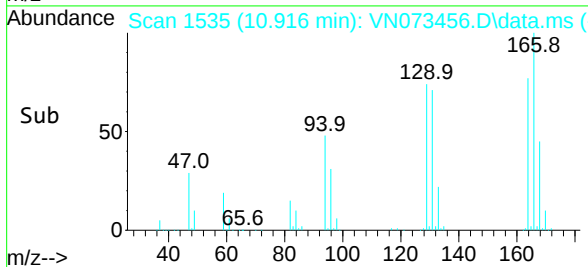
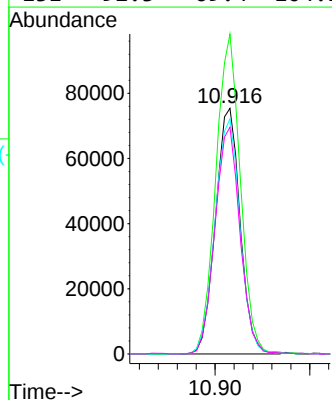
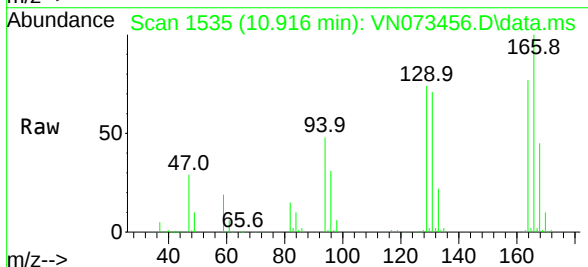
Ion Ratio Lower Upper

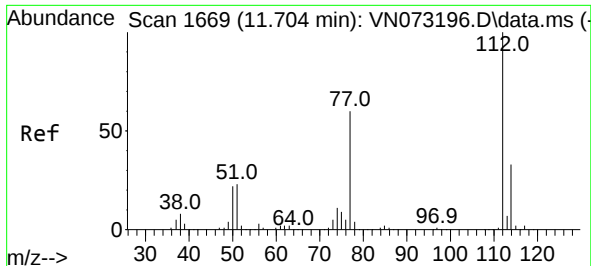
164 100

166 130.3 104.2 156.2

129 95.8 73.9 110.9

131 92.3 69.4 104.2

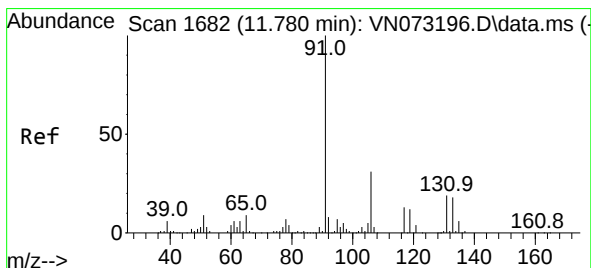
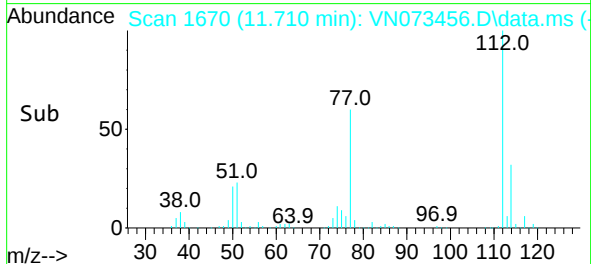
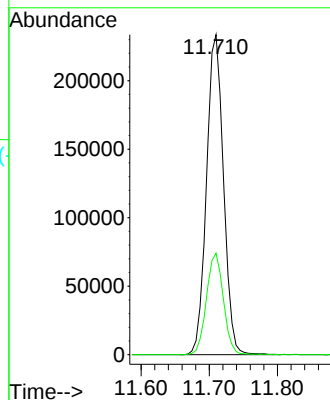
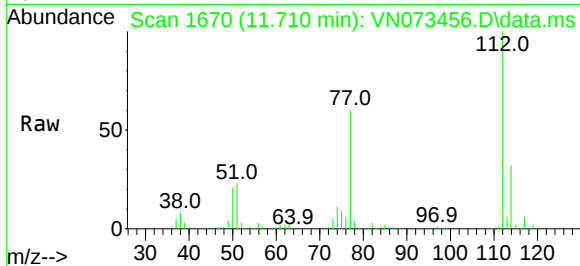




#65
Chlorobenzene
Concen: 52.140 ug/l
RT: 11.710 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

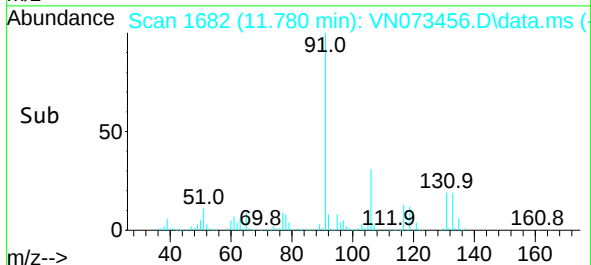
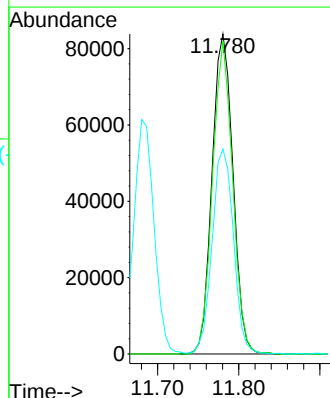
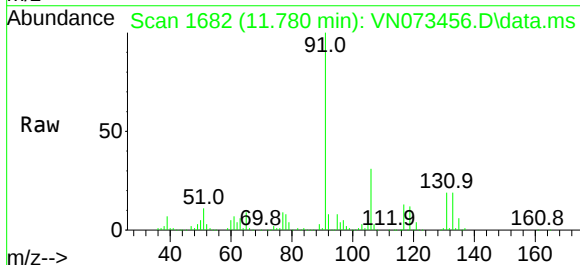
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

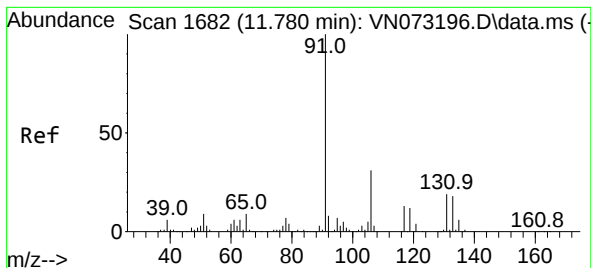
Tgt Ion:112 Resp: 404784
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 52.522 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Tgt Ion:131 Resp: 149977
Ion Ratio Lower Upper
131 100
133 94.0 47.8 143.4
119 65.5 33.4 100.2





#67

Ethyl Benzene

Concen: 52.886 ug/l

RT: 11.780 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073456.D

Acq: 14 Jul 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

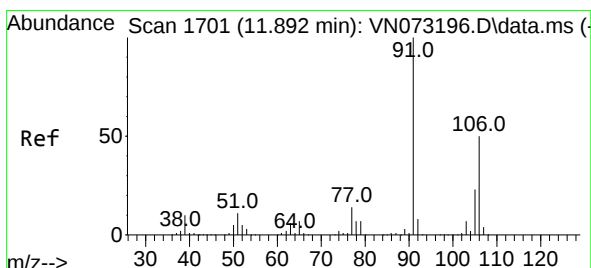
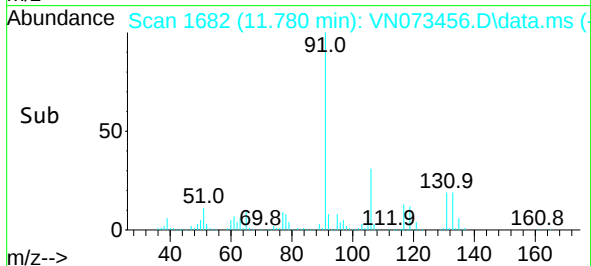
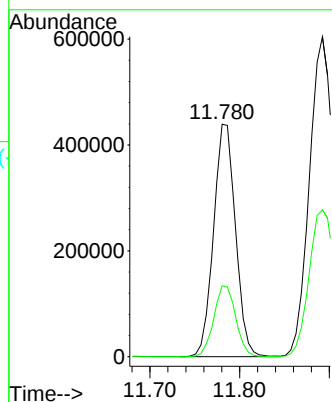
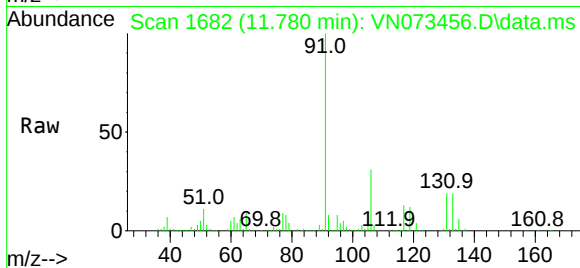
VSTDCCC050

Tgt Ion: 91 Resp: 745383

Ion Ratio Lower Upper

91 100

106 30.5 24.9 37.3



#68

m/p-Xylenes

Concen: 104.352 ug/l

RT: 11.892 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN073456.D

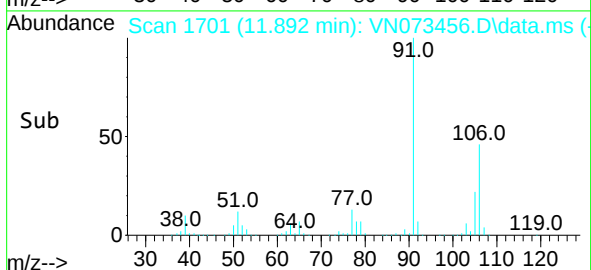
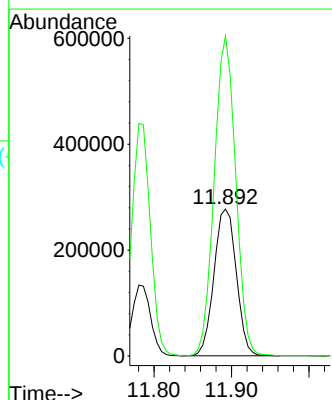
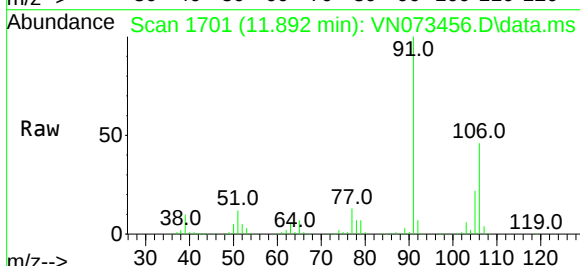
Acq: 14 Jul 2022 11:53

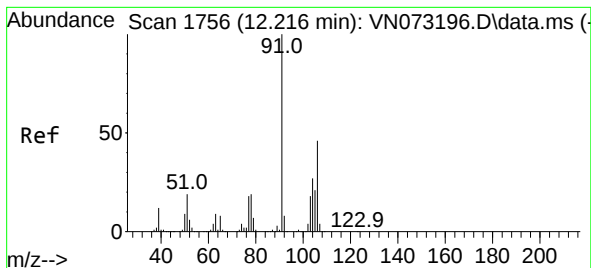
Tgt Ion: 106 Resp: 555061

Ion Ratio Lower Upper

106 100

91 209.8 158.9 238.3





#69

o-Xylene

Concen: 52.085 ug/l

RT: 12.222 min Scan# 1757

Delta R.T. 0.006 min

Lab File: VN073456.D

Acq: 14 Jul 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

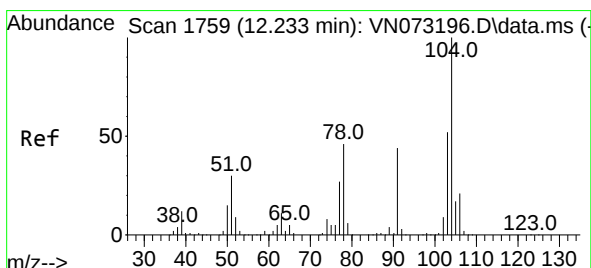
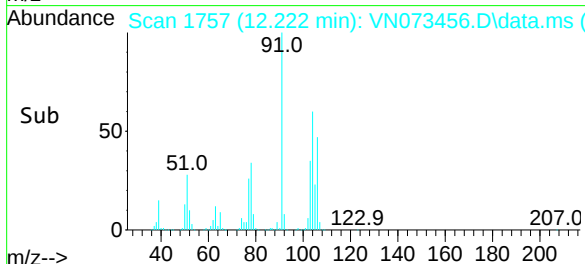
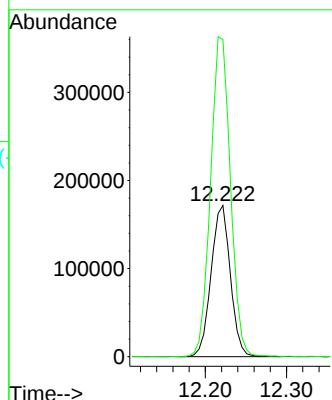
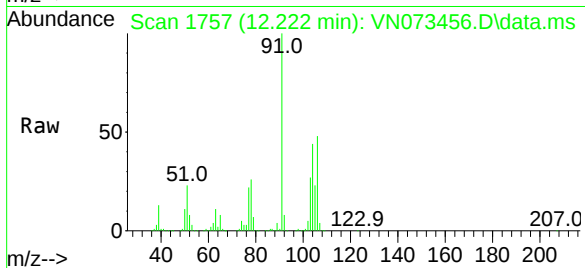
VSTDCCC050

Tgt Ion:106 Resp: 282825

Ion Ratio Lower Upper

106 100

91 218.7 106.0 318.0



#70

Styrene

Concen: 55.556 ug/l

RT: 12.233 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VN073456.D

Acq: 14 Jul 2022 11:53

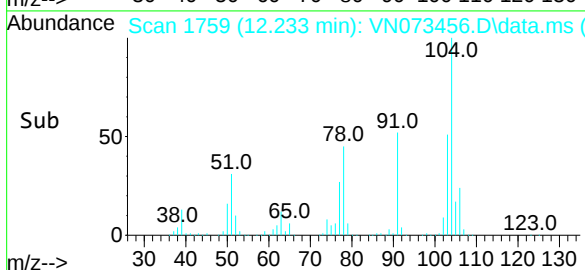
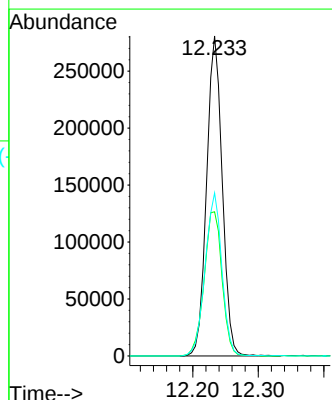
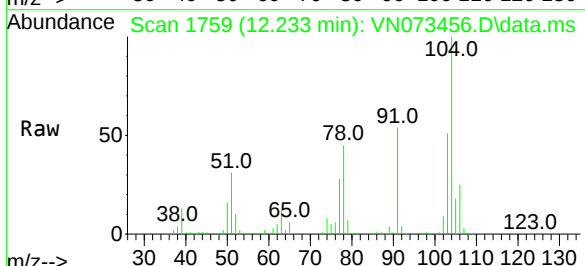
Tgt Ion:104 Resp: 465758

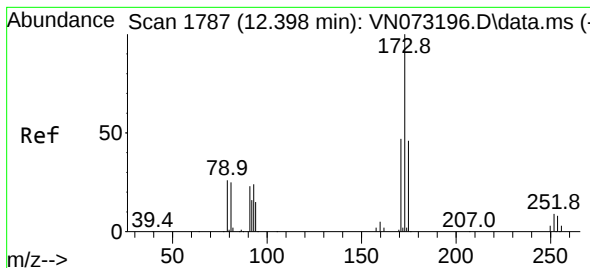
Ion Ratio Lower Upper

104 100

78 51.7 39.5 59.3

103 54.8 44.0 66.0





#71

Bromoform

Concen: 58.583 ug/l

RT: 12.398 min Scan# 1787

Delta R.T. 0.000 min

Lab File: VN073456.D

Acq: 14 Jul 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

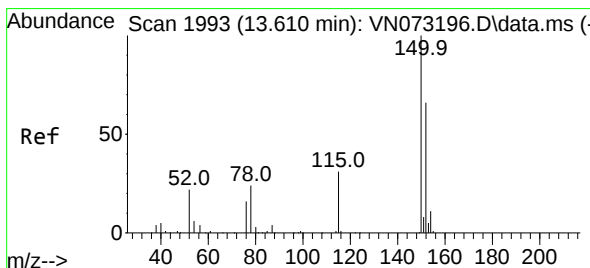
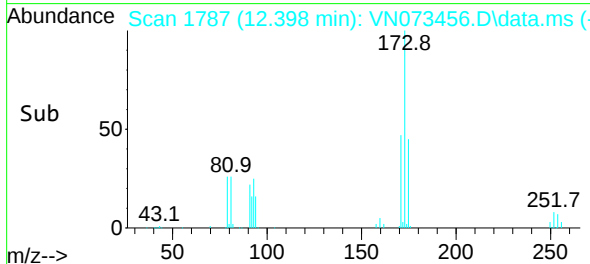
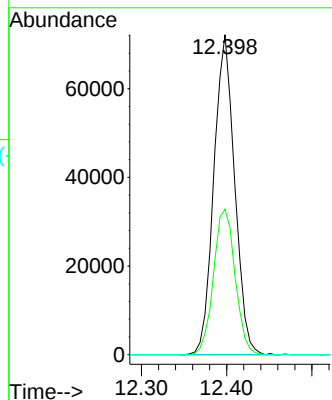
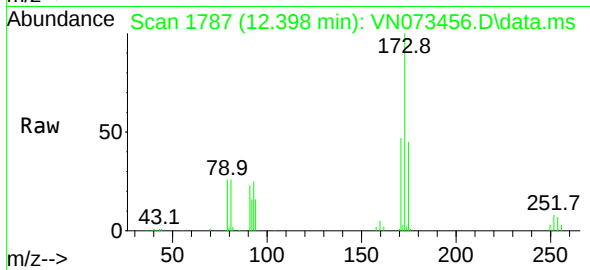
Tgt Ion:173 Resp: 122405

Ion Ratio Lower Upper

173 100

175 47.2 24.6 73.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VN073456.D

Acq: 14 Jul 2022 11:53

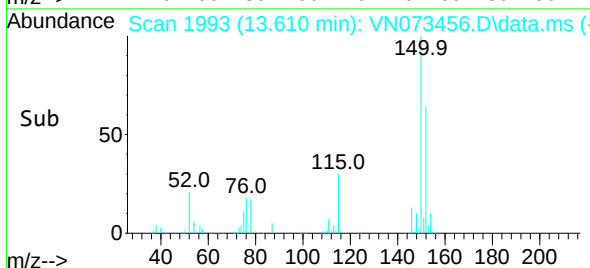
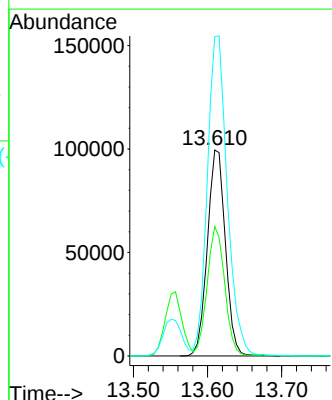
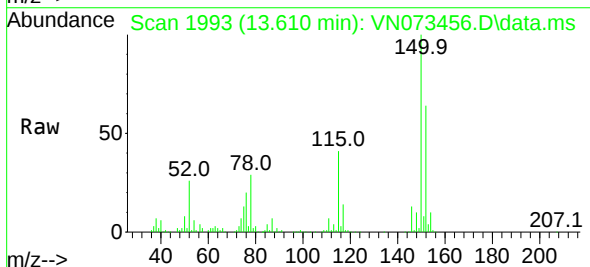
Tgt Ion:152 Resp: 168192

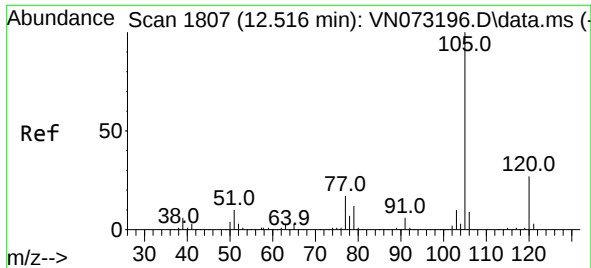
Ion Ratio Lower Upper

152 100

115 61.4 28.9 86.7

150 171.7 0.0 356.2

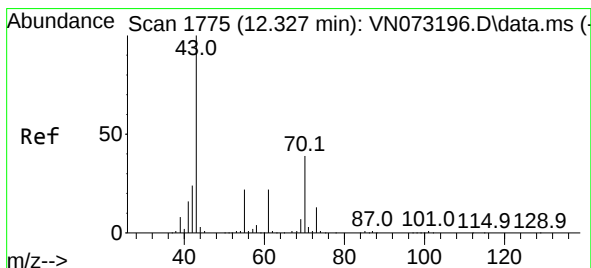
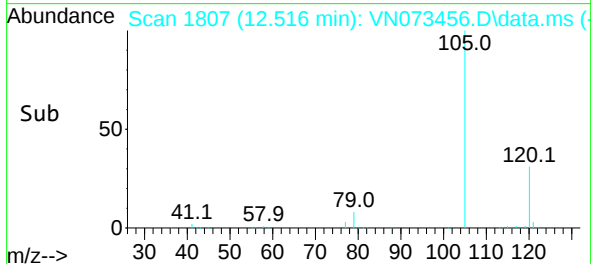
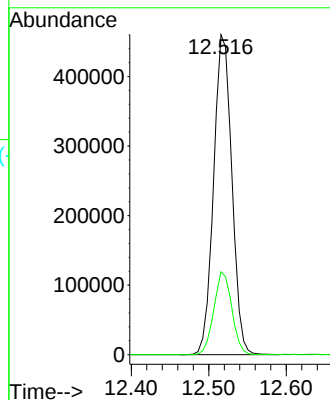
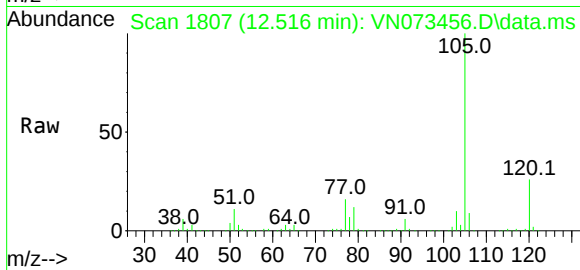




#73
Isopropylbenzene
Concen: 51.782 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

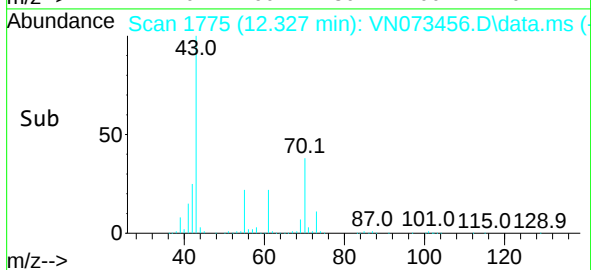
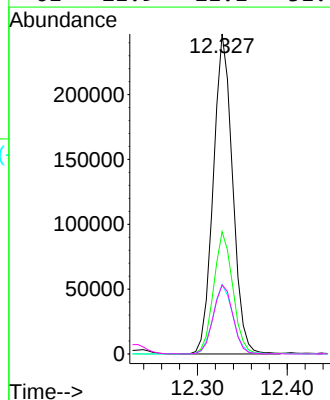
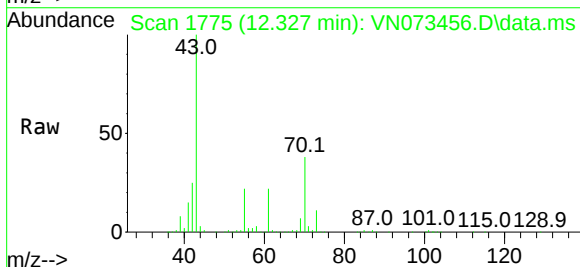
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

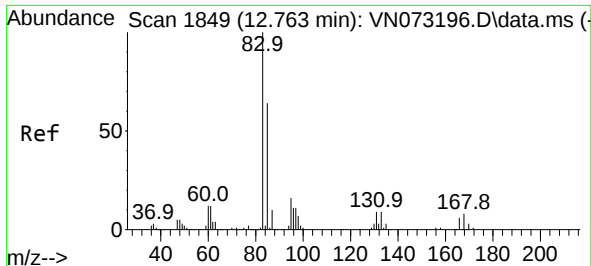
Tgt Ion:105 Resp: 752080
Ion Ratio Lower Upper
105 100
120 25.6 13.5 40.4



#74
N-ethyl acetate
Concen: 50.662 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Tgt Ion: 43 Resp: 368444
Ion Ratio Lower Upper
43 100
70 38.0 39.0 58.4#
55 22.2 21.1 31.7
61 21.9 21.1 31.7

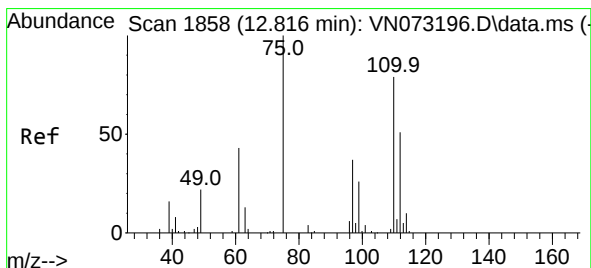
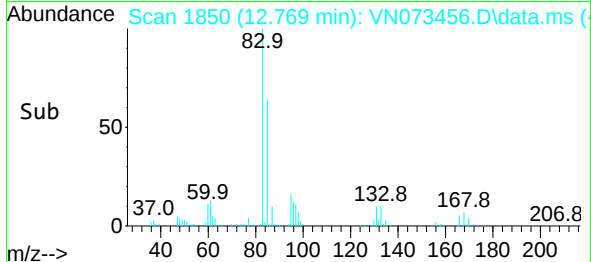
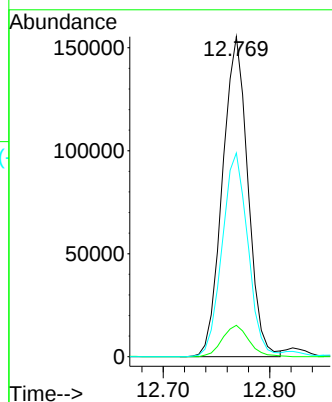
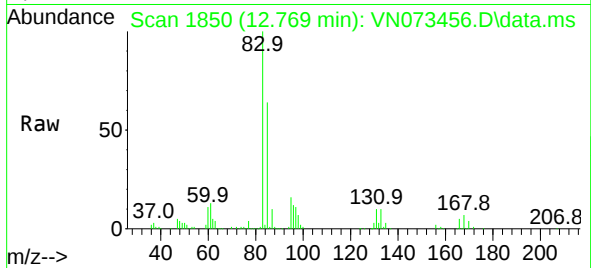




#75
 1,1,2,2-Tetrachloroethane
 Concen: 53.421 ug/l
 RT: 12.769 min Scan# 1849
 Delta R.T. 0.006 min
 Lab File: VN073456.D
 Acq: 14 Jul 2022 11:53

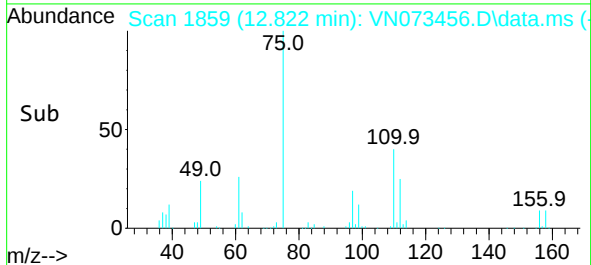
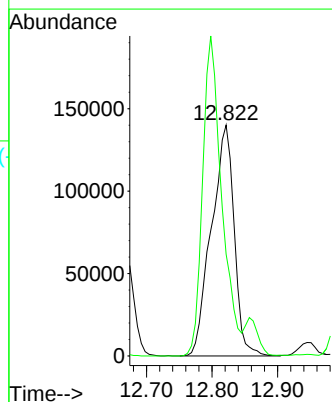
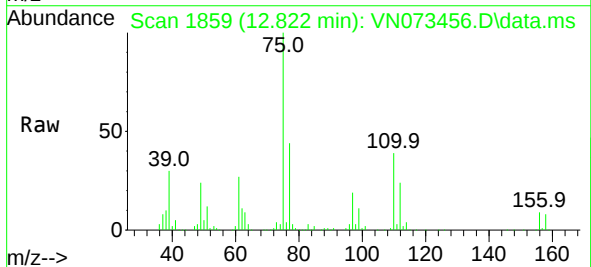
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

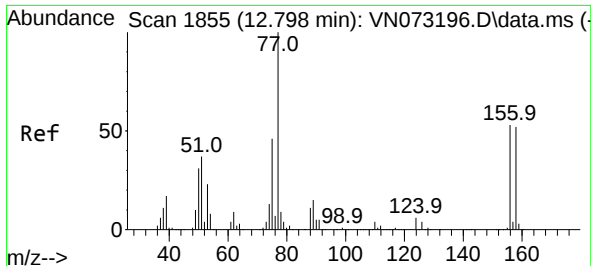
Tgt Ion: 83 Resp: 257470
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.3 15.9
 85 64.5 32.3 96.9



#76
 1,2,3-Trichloropropane
 Concen: 76.832 ug/l
 RT: 12.822 min Scan# 1859
 Delta R.T. 0.006 min
 Lab File: VN073456.D
 Acq: 14 Jul 2022 11:53

Tgt Ion: 75 Resp: 337897
 Ion Ratio Lower Upper
 75 100
 77 0.0 98.5 295.5#

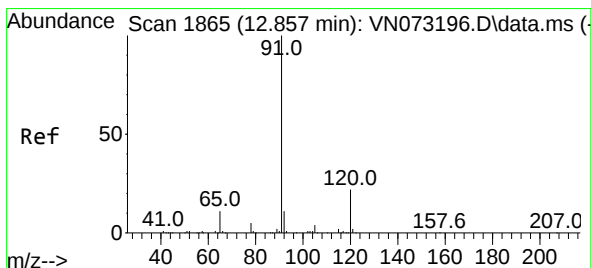
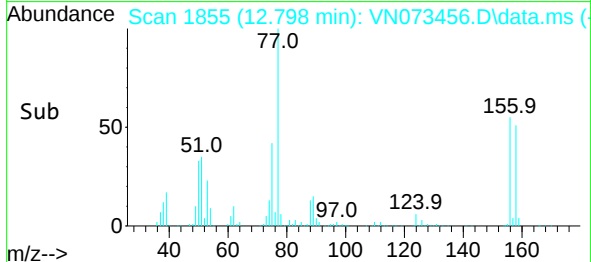
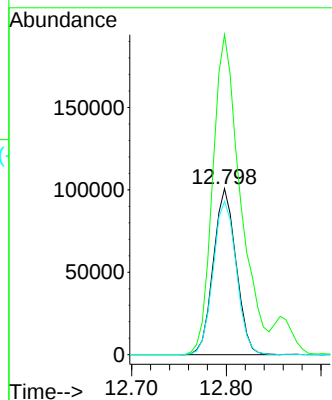
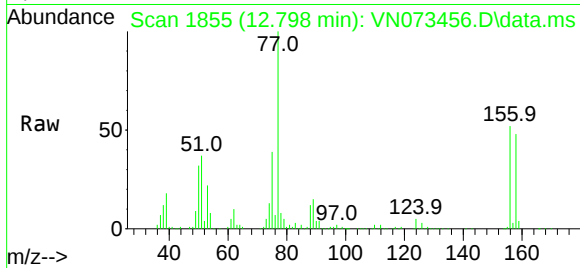




#77
Bromobenzene
Concen: 49.854 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

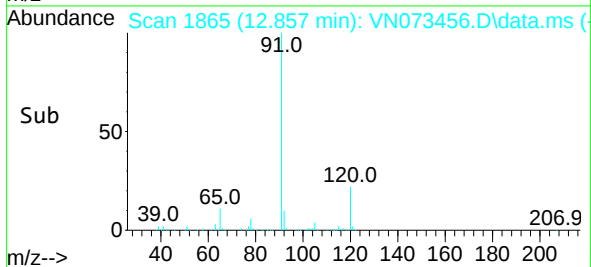
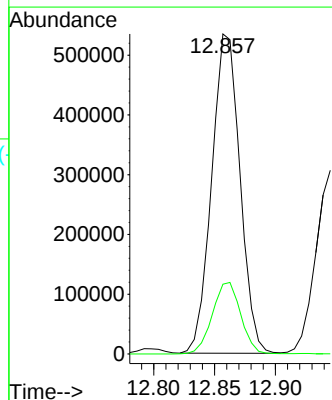
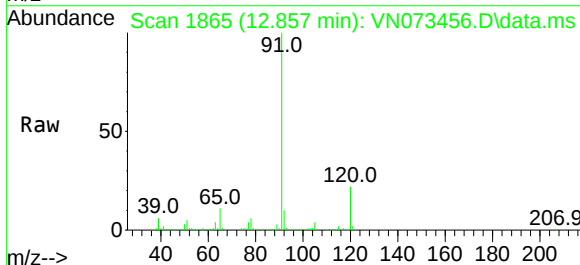
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

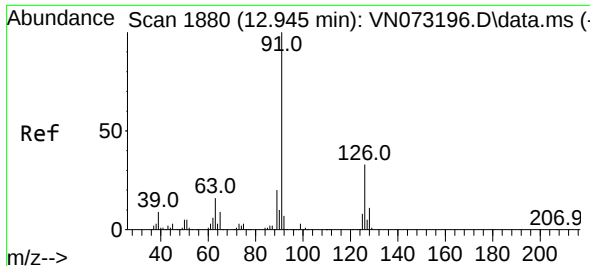
Tgt Ion:156 Resp: 168350
Ion Ratio Lower Upper
156 100
77 234.5 100.5 301.5
158 94.6 48.9 146.6



#78
n-propylbenzene
Concen: 53.619 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Tgt Ion: 91 Resp: 865149
Ion Ratio Lower Upper
91 100
120 22.4 11.9 35.5

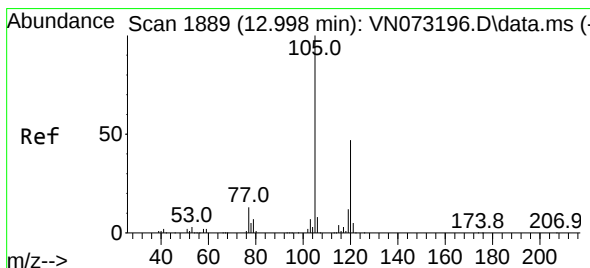
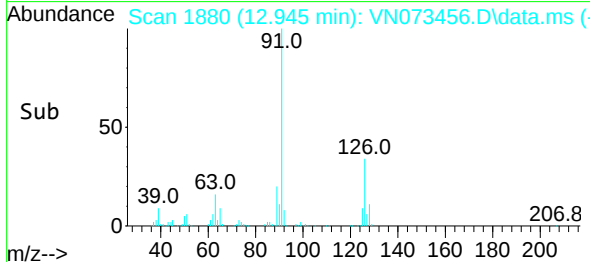
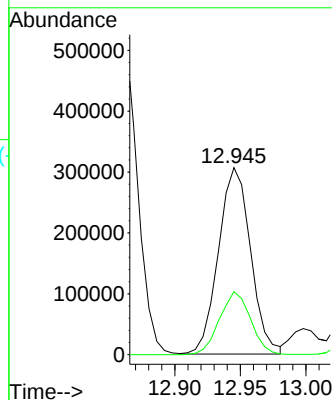
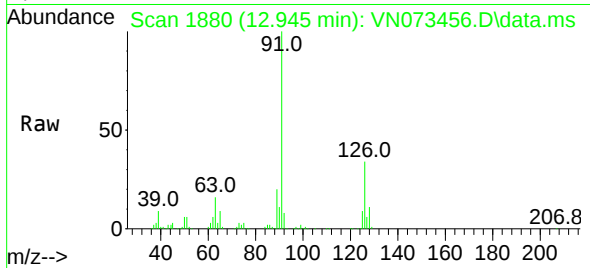




#79
2-Chlorotoluene
Concen: 51.220 ug/l
RT: 12.945 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

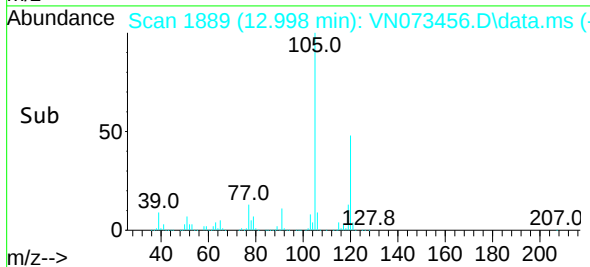
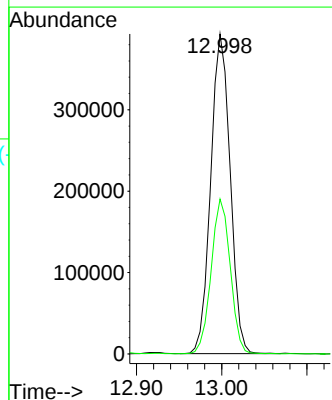
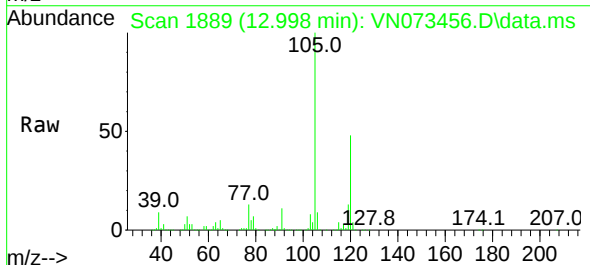
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

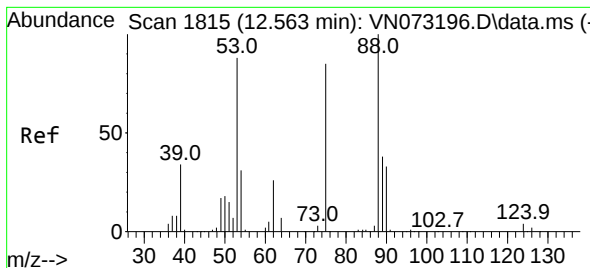
Tgt Ion: 91 Resp: 523057
Ion Ratio Lower Upper
91 100
126 32.7 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 52.593 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Tgt Ion: 105 Resp: 622614
Ion Ratio Lower Upper
105 100
120 47.5 24.9 74.7

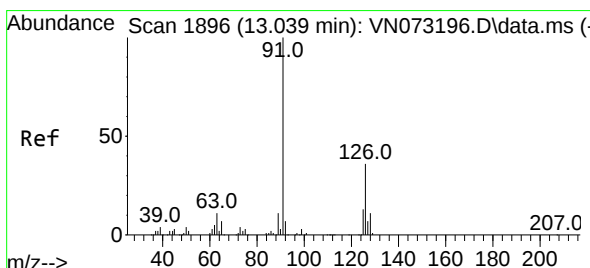
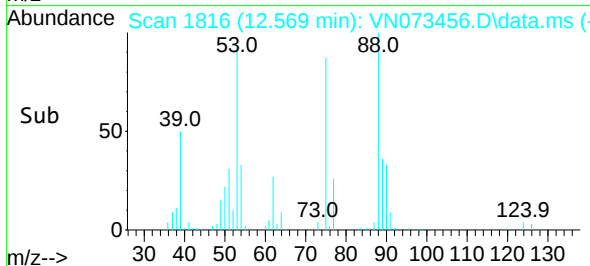
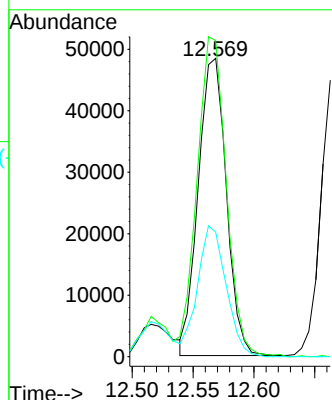
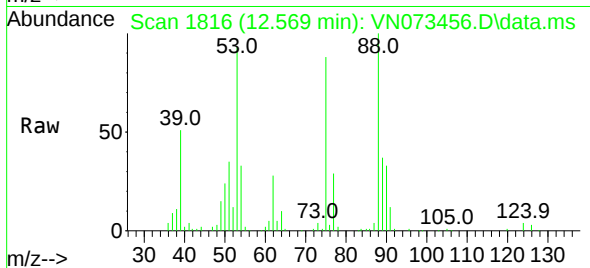




#81
trans-1,4-Dichloro-2-butene
Concen: 48.470 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

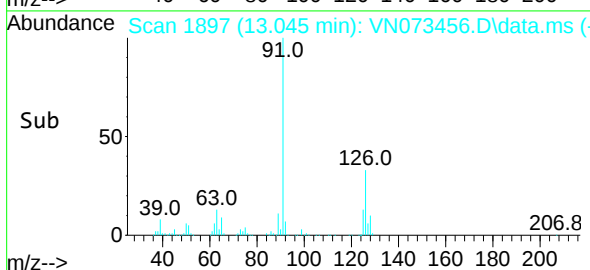
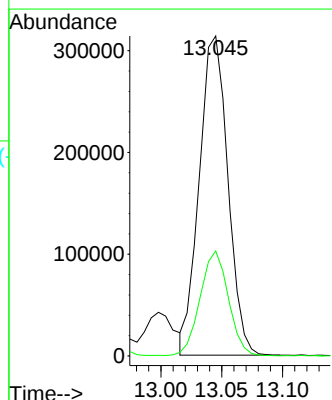
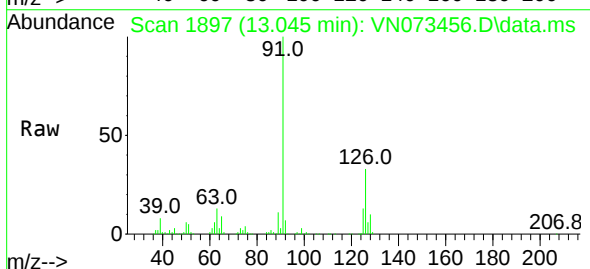
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

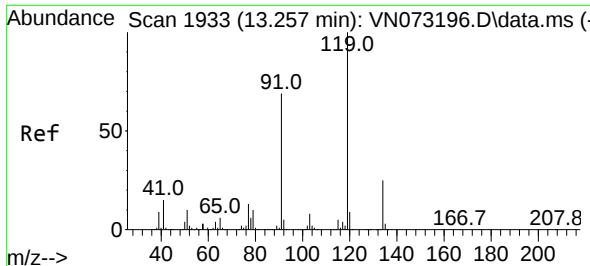
Tgt Ion: 75 Resp: 77727
Ion Ratio Lower Upper
75 100
53 112.7 78.0 117.0
89 44.9 37.2 55.8



#82
4-Chlorotoluene
Concen: 51.917 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Tgt Ion: 91 Resp: 513271
Ion Ratio Lower Upper
91 100
126 32.6 17.2 51.6

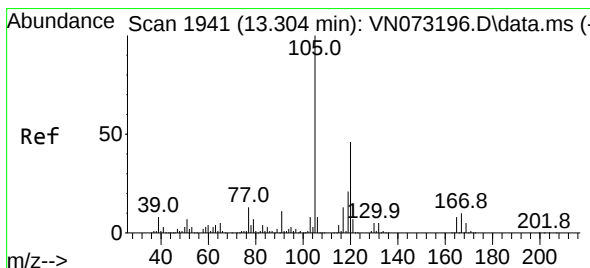
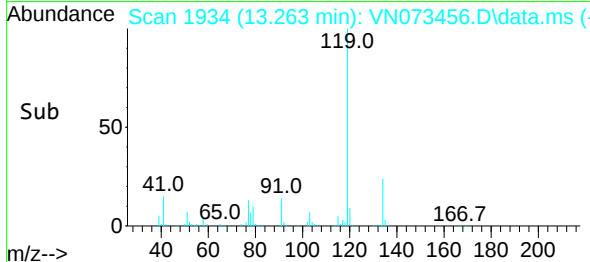
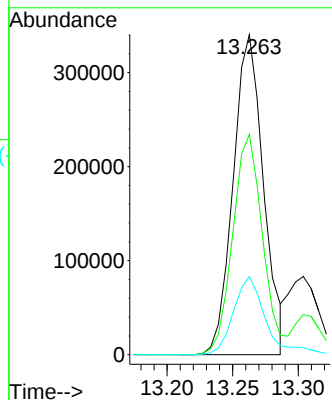
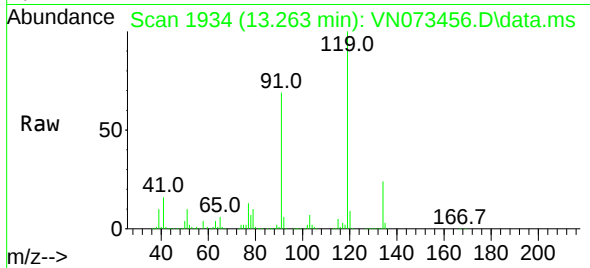




#83
tert-Butylbenzene
Concen: 51.586 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

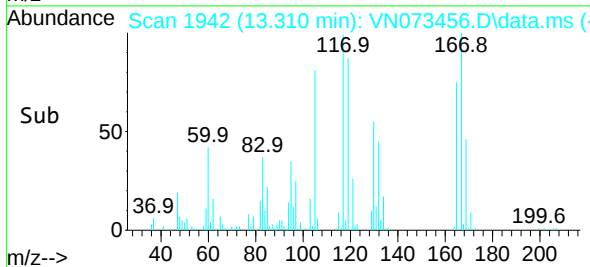
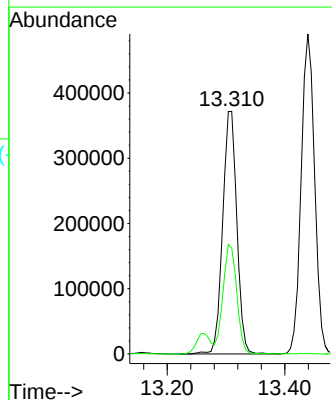
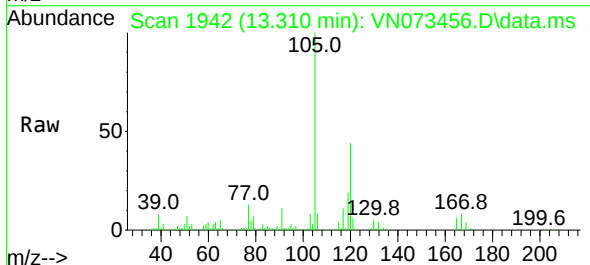
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

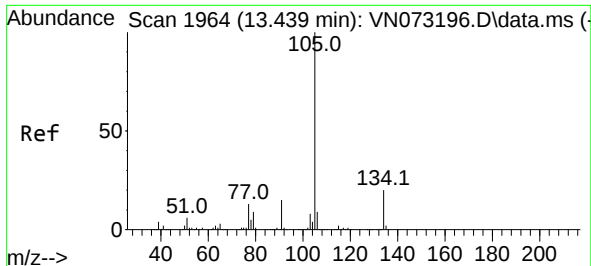
Tgt Ion:119 Resp: 547490
Ion Ratio Lower Upper
119 100
91 68.2 31.6 94.8
134 25.9 13.7 41.1



#84
1,2,4-Trimethylbenzene
Concen: 52.538 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Tgt Ion:105 Resp: 620963
Ion Ratio Lower Upper
105 100
120 43.8 23.3 69.8

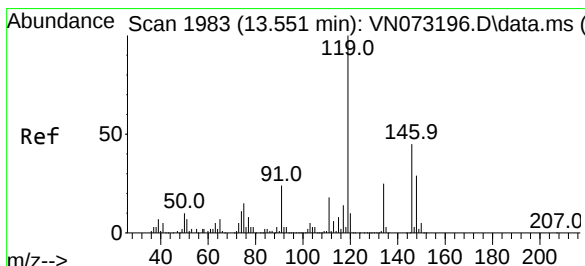
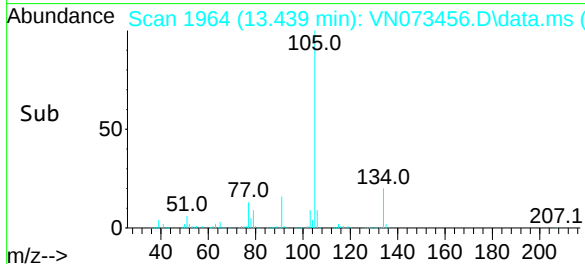
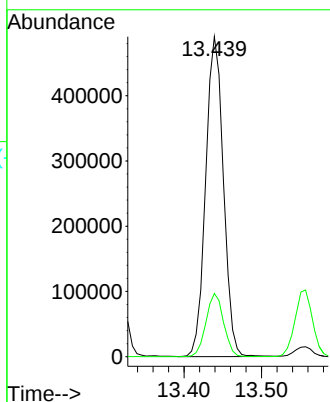
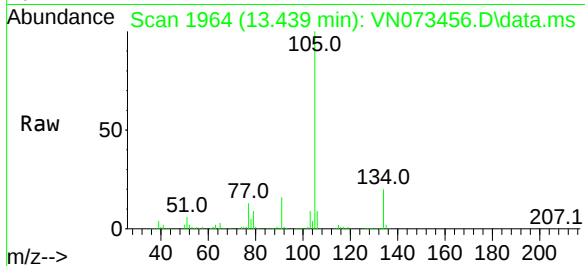




#85
 sec-Butylbenzene
 Concen: 54.696 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073456.D
 Acq: 14 Jul 2022 11:53

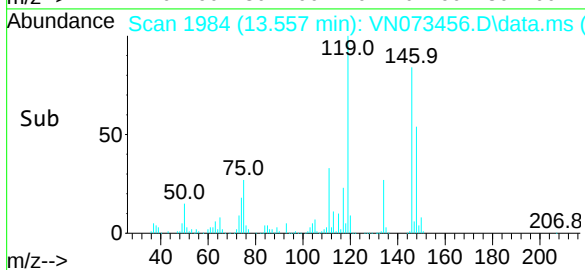
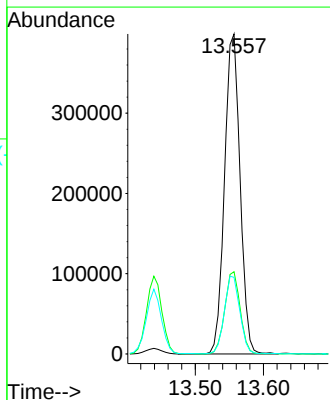
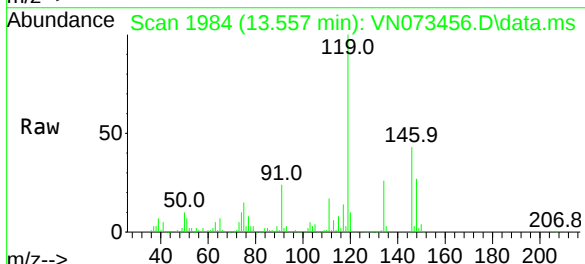
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

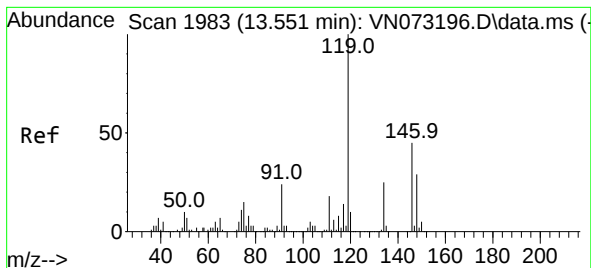
Tgt Ion:105 Resp: 779493
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 54.999 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.006 min
 Lab File: VN073456.D
 Acq: 14 Jul 2022 11:53

Tgt Ion:119 Resp: 633174
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.3 39.8
 91 24.1 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 50.541 ug/l

RT: 13.551 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN073456.D

Acq: 14 Jul 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

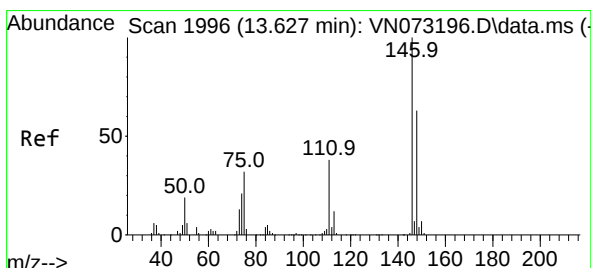
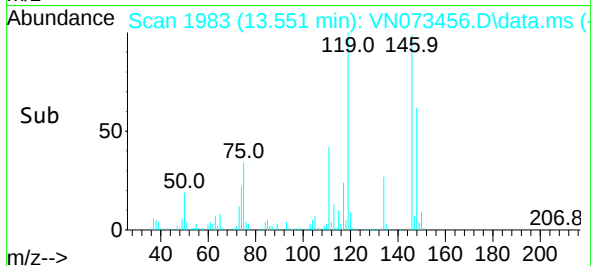
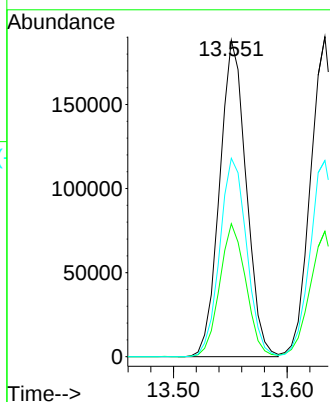
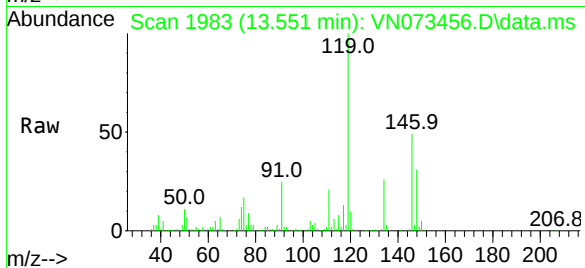
Tgt Ion:146 Resp: 306176

Ion Ratio Lower Upper

146 100

111 41.4 20.0 60.0

148 63.6 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 50.936 ug/l

RT: 13.633 min Scan# 1997

Delta R.T. 0.006 min

Lab File: VN073456.D

Acq: 14 Jul 2022 11:53

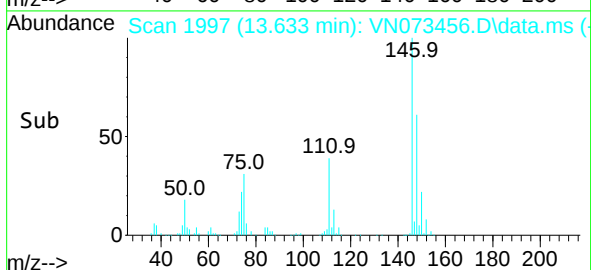
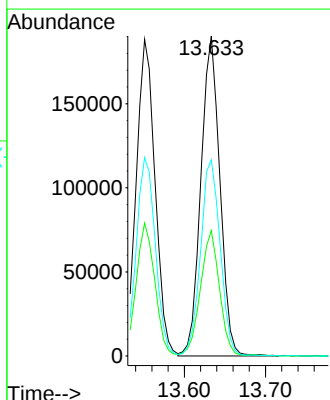
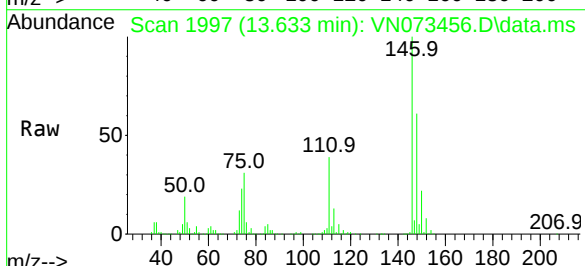
Tgt Ion:146 Resp: 309173

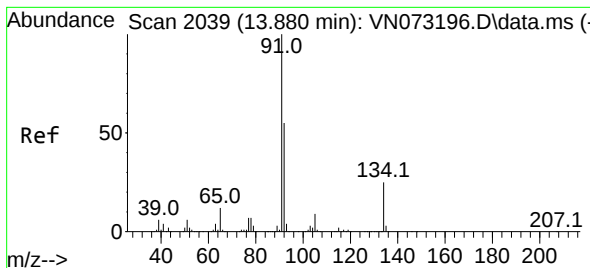
Ion Ratio Lower Upper

146 100

111 38.8 19.1 57.1

148 63.5 31.4 94.3





#89

n-Butylbenzene

Concen: 55.949 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN073456.D

Acq: 14 Jul 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

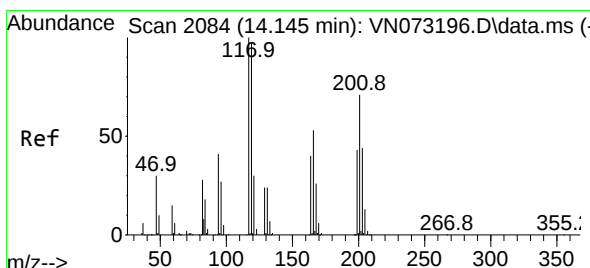
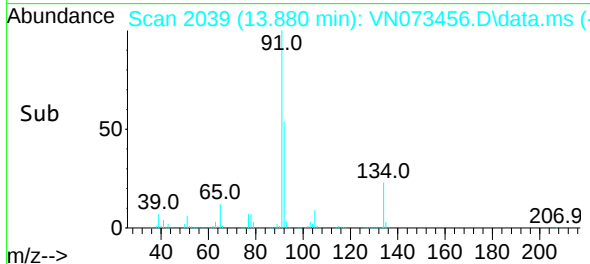
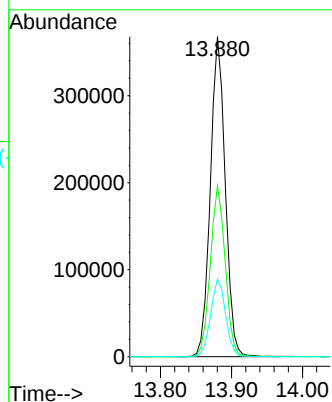
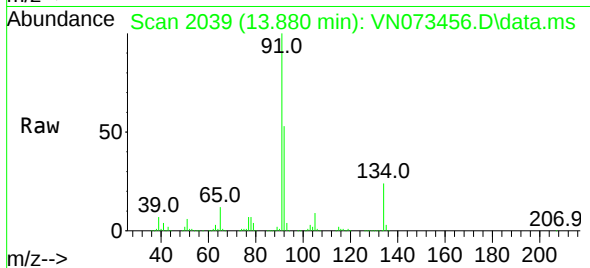
Tgt Ion: 91 Resp: 536729

Ion Ratio Lower Upper

91 100

92 53.3 26.9 80.7

134 24.4 13.6 40.8



#90

Hexachloroethane

Concen: 52.069 ug/l

RT: 14.145 min Scan# 2084

Delta R.T. -0.000 min

Lab File: VN073456.D

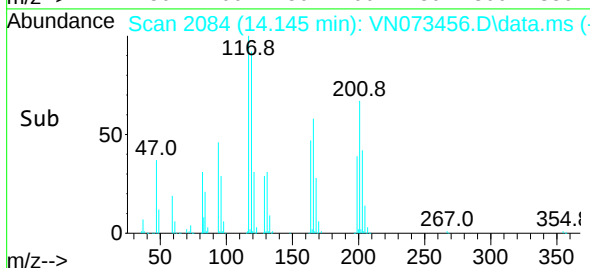
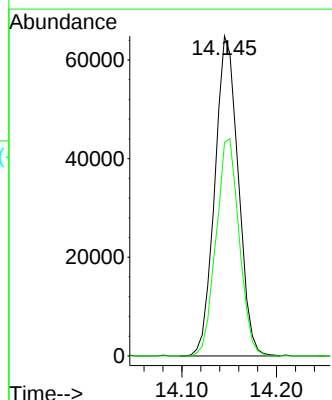
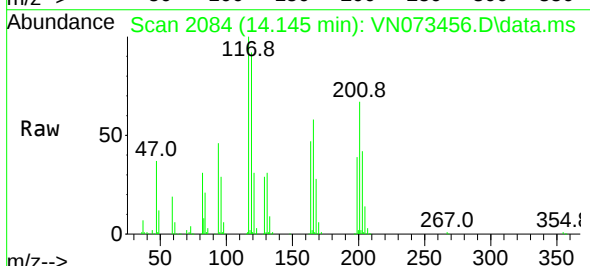
Acq: 14 Jul 2022 11:53

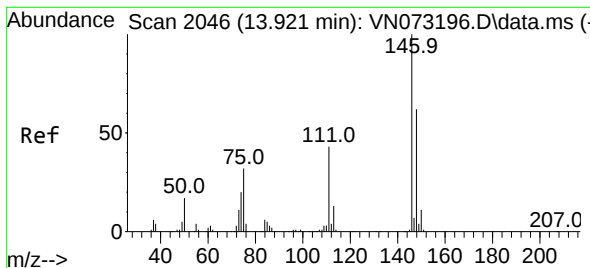
Tgt Ion: 117 Resp: 111713

Ion Ratio Lower Upper

117 100

201 66.9 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 50.835 ug/l

RT: 13.927 min Scan# 2046

Delta R.T. 0.006 min

Lab File: VN073456.D

Acq: 14 Jul 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

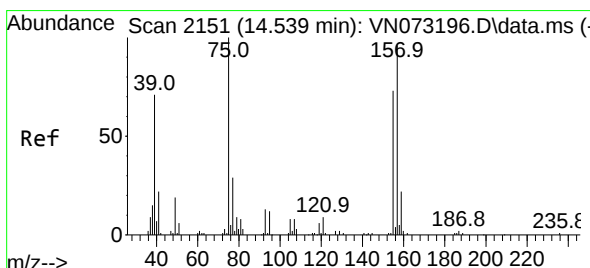
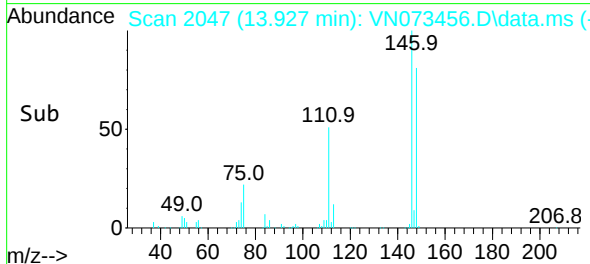
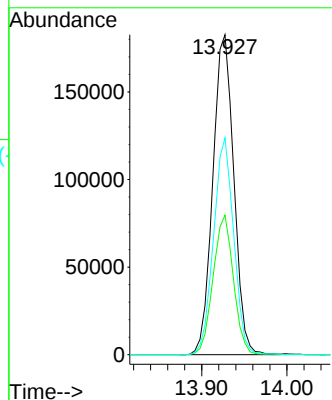
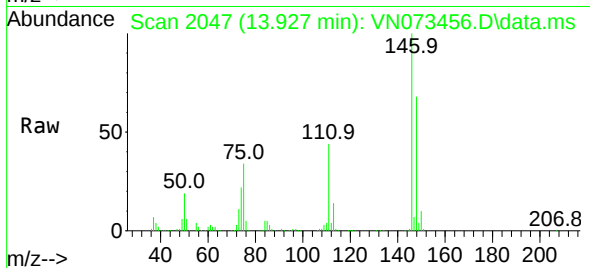
Tgt Ion:146 Resp: 313709

Ion Ratio Lower Upper

146 100

111 42.3 20.9 62.8

148 65.2 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.967 ug/l

RT: 14.545 min Scan# 2152

Delta R.T. 0.006 min

Lab File: VN073456.D

Acq: 14 Jul 2022 11:53

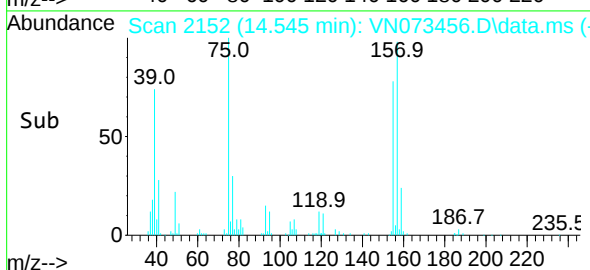
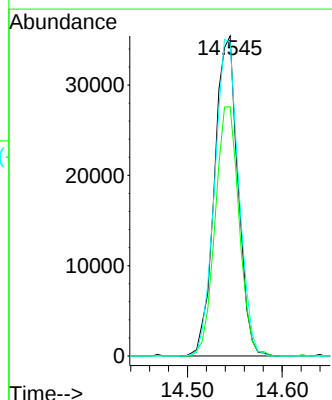
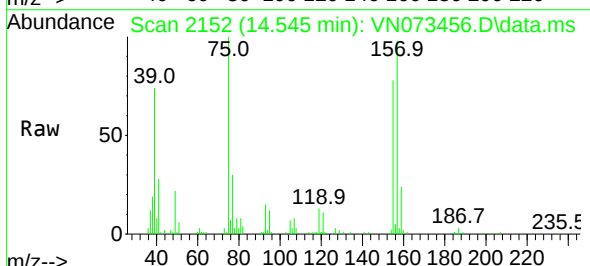
Tgt Ion: 75 Resp: 60876

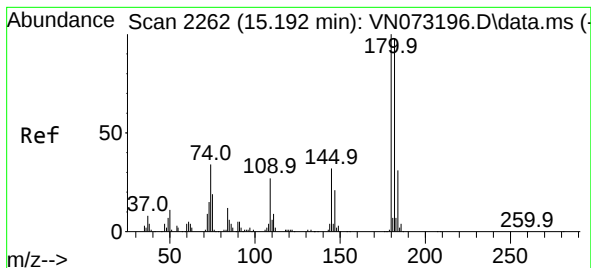
Ion Ratio Lower Upper

75 100

155 79.4 44.9 134.5

157 101.3 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 52.538 ug/l

RT: 15.192 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN073456.D

Acq: 14 Jul 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

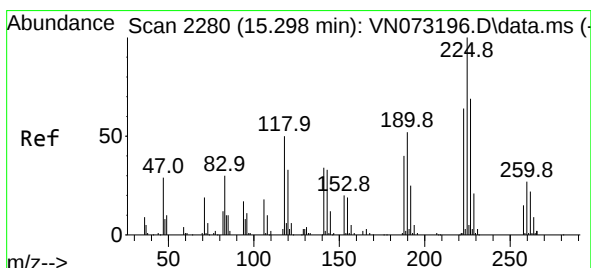
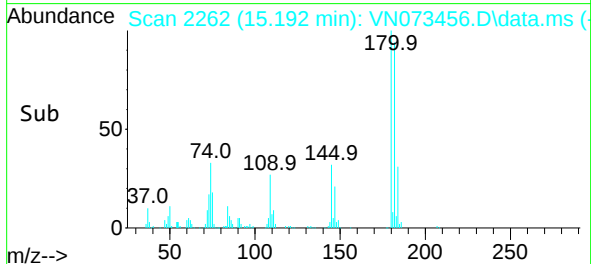
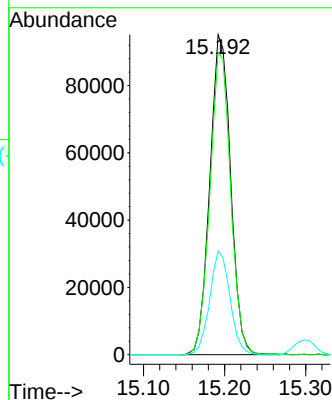
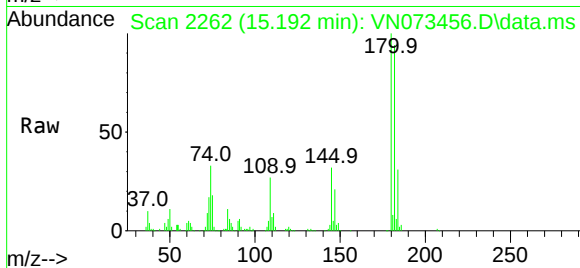
Tgt Ion:180 Resp: 168819

Ion Ratio Lower Upper

180 100

182 94.3 47.5 142.5

145 31.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 51.620 ug/l

RT: 15.304 min Scan# 2281

Delta R.T. 0.006 min

Lab File: VN073456.D

Acq: 14 Jul 2022 11:53

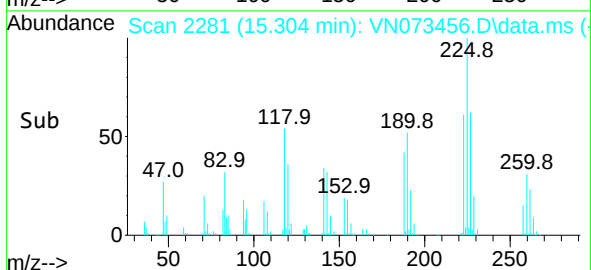
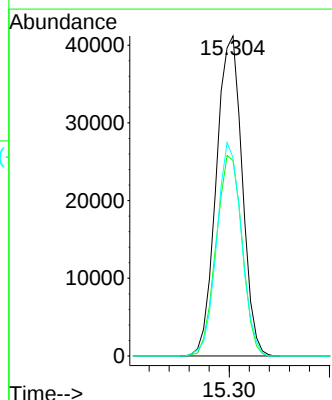
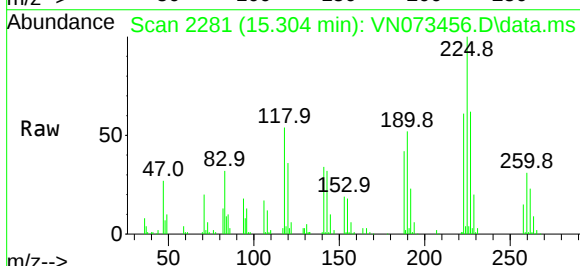
Tgt Ion:225 Resp: 73735

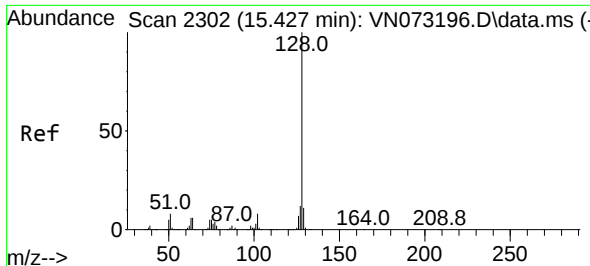
Ion Ratio Lower Upper

225 100

223 62.7 32.4 97.2

227 63.6 31.8 95.4

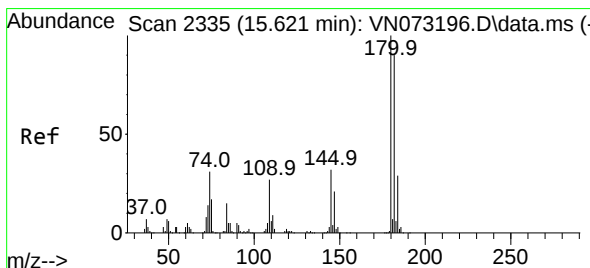
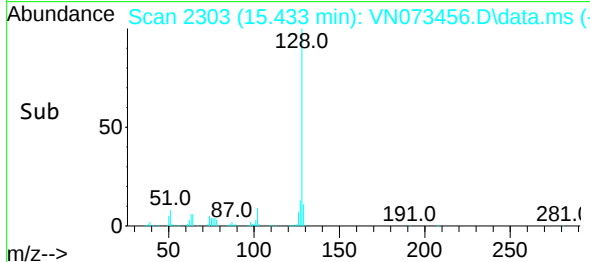
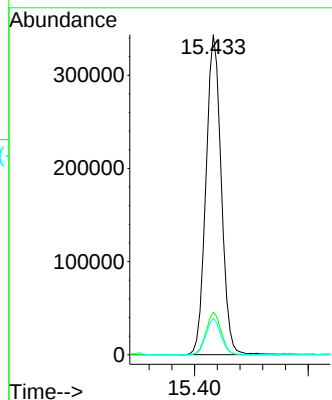
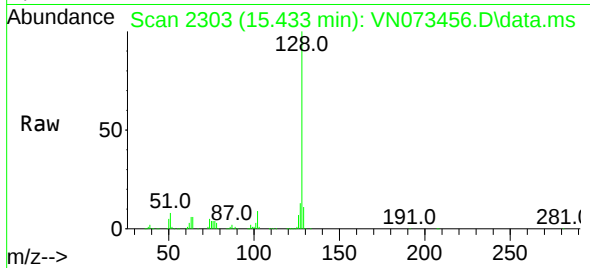




#95
Naphthalene
Concen: 49.301 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 639077
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.737 ug/l
RT: 15.621 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Tgt Ion:180 Resp: 174806
Ion Ratio Lower Upper
180 100
182 93.2 47.8 143.3
145 33.4 15.5 46.5

