

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011222\
 Data File : VN070583.D
 Acq On : 12 Jan 2022 13:54
 Operator : JC/MD
 Sample : N1021-03DL 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 13 04:26:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	942637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1606647	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1428429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	541186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	712640	52.580	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	105.160%
35) Dibromofluoromethane	8.019	113	497831	51.212	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.420%
50) Toluene-d8	10.441	98	2052740	51.692	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.380%
62) 4-Bromofluorobenzene	12.728	95	802379	55.943	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.880%
Target Compounds						
					Qvalue	
5) Bromomethane	2.859	94	2553	0.374	ug/l #	48
11) Tert butyl alcohol	5.318	59	7653	3.391	ug/l #	71
13) Acrolein	4.044	56	1263	0.690	ug/l #	14
15) Acrylonitrile	5.554	53	1625	0.231	ug/l #	26
16) Acetone	4.253	43	14747	1.676	ug/l #	64
25) 2-Butanone	7.338	43	4971	0.449	ug/l #	84
29) Tetrahydrofuran	7.700	42	2829	0.428	ug/l #	38
31) Cyclohexane	8.091	56	100641	4.706	ug/l #	85
36) 1,1-Dichloropropene	8.083	75	74301	4.620	ug/l #	49
37) Ethyl Acetate	7.338	43	4971	0.238	ug/l #	83
38) Carbon Tetrachloride	8.083	117	91259	5.943	ug/l #	17
39) Methylcyclohexane	9.456	83	31106	1.598	ug/l #	85
40) Benzene	8.459	78	1495278	30.329	ug/l	99
42) 1,2-Dichloroethane	8.534	62	3738	0.202	ug/l	92
49) 1,4-Dioxane	9.558	88	169	0.736	ug/l #	31
51) 4-Methyl-2-Pentanone	10.331	43	11935	0.578	ug/l	98
52) Toluene	10.505	92	149058	4.995	ug/l	98
55) 1,1,2-Trichloroethane	10.875	97	3618	0.306	ug/l #	24
58) 2-Chloroethyl Vinyl ether	10.038	63	572	18.619	ug/l #	45
59) 2-Hexanone	11.084	43	29165	1.937	ug/l	85
67) Ethyl Benzene	11.843	91	989539	17.819	ug/l	97
68) m/p-Xylenes	11.953	106	932297	46.122	ug/l	93
69) o-Xylene	12.278	106	129794	6.456	ug/l	92
70) Styrene	12.280	104	11389	0.358	ug/l #	1
73) Isopropylbenzene	12.578	105	106817	2.125	ug/l	99
74) N-amyl acetate	12.388	43	12955	0.613	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.819	83	2701	0.594	ug/l #	93
76) 1,2,3-Trichloropropane	12.728	75	411687	27.024	ug/l #	1
78) n-propylbenzene	12.919	91	214093	3.845	ug/l	95
79) 2-Chlorotoluene	13.106	91	8029	0.225	ug/l	99
80) 1,3,5-Trimethylbenzene	13.058	105	152023	3.775	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.728	75	411687	92.941	ug/l #	5
82) 4-Chlorotoluene	13.106	91	8029	0.240	ug/l	99
84) 1,2,4-Trimethylbenzene	13.367	105	733108	18.904	ug/l	98
85) sec-Butylbenzene	13.367	105	733108	15.227	ug/l #	56
86) p-Isopropyltoluene	13.616	119	11439	0.302	ug/l	96

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

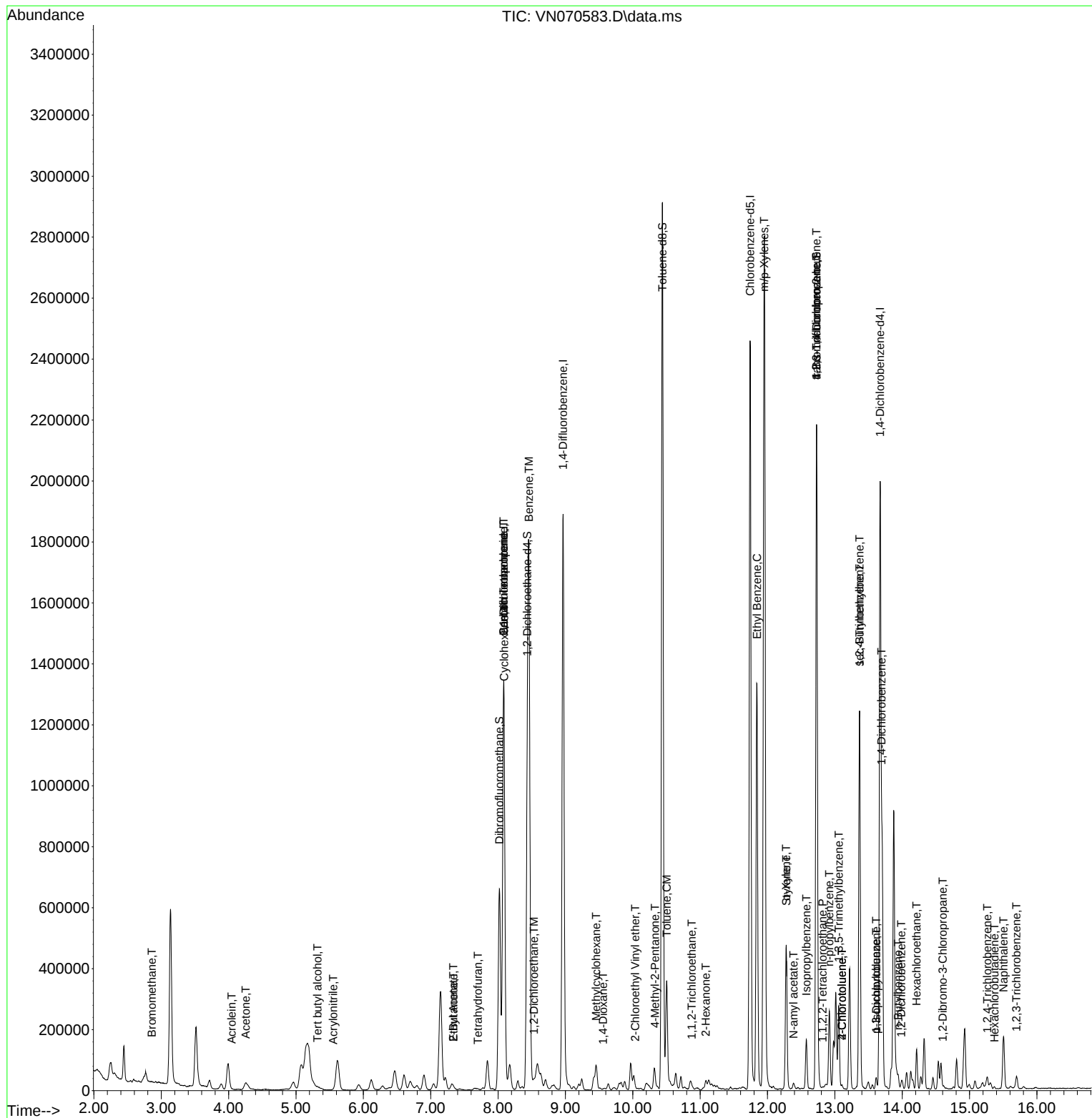
87) 1,3-Dichlorobenzene	13.613	146	6850	0.355	ug/l #	84
88) 1,4-Dichlorobenzene	13.694	146	8360	0.439	ug/l #	52
89) n-Butylbenzene	13.941	91	24800	0.786	ug/l #	81
90) Hexachloroethane	14.211	117	6711	1.021	ug/l #	6
91) 1,2-Dichlorobenzene	13.986	146	7060	0.373	ug/l	89
92) 1,2-Dibromo-3-Chloropr...	14.603	75	1870	0.642	ug/l #	38
93) 1,2,4-Trichlorobenzene	15.265	180	13776	1.544	ug/l	94
94) Hexachlorobutadiene	15.370	225	1707	0.329	ug/l	86
95) Naphthalene	15.504	128	167835	8.359	ug/l	99
96) 1,2,3-Trichlorobenzene	15.697	180	15074	2.563	ug/l	95

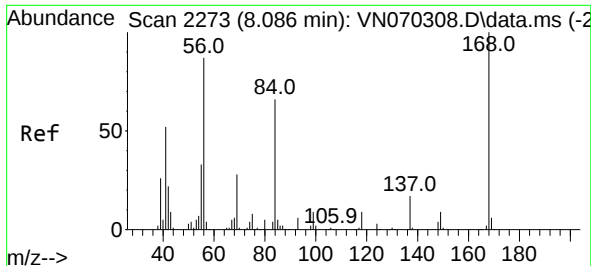
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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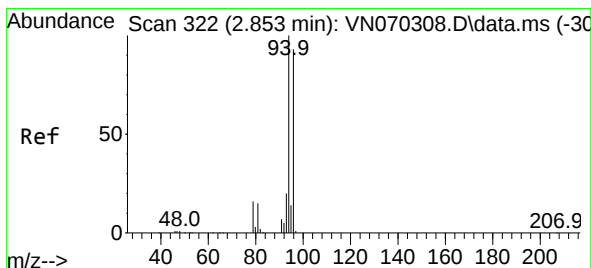
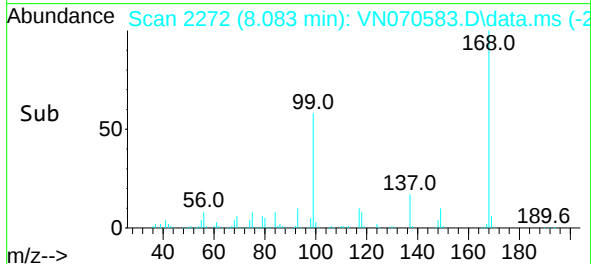
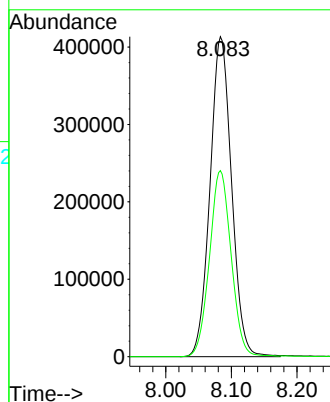
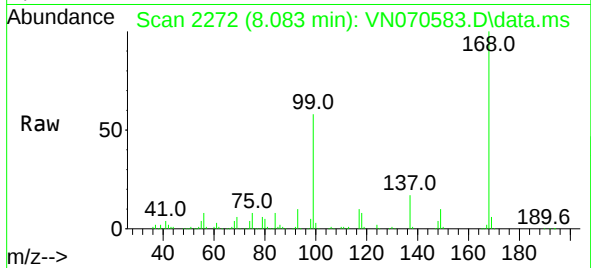




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

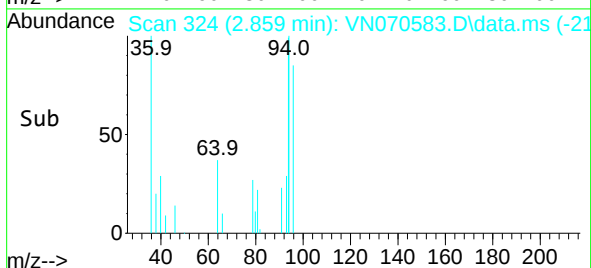
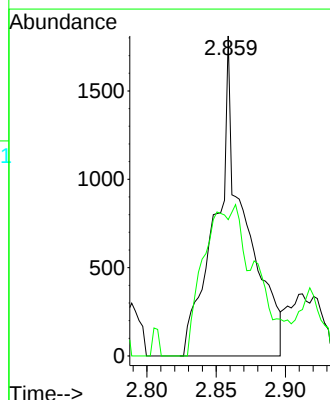
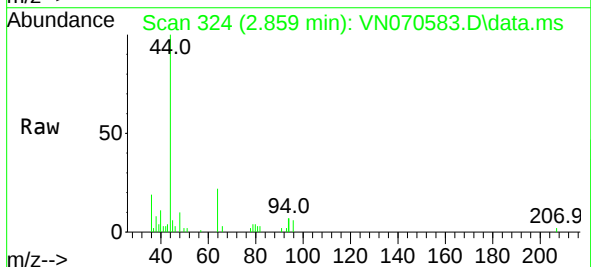
Instrument :
MSVOA_N
ClientSampleId :

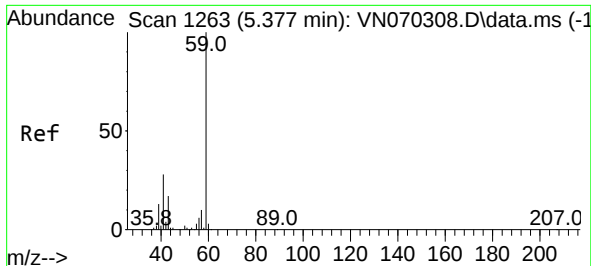
Tgt Ion:168 Resp: 942637
Ion Ratio Lower Upper
168 100
99 58.2 41.3 61.9



#5
Bromomethane
Concen: 0.374 ug/l
RT: 2.859 min Scan# 324
Delta R.T. 0.006 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

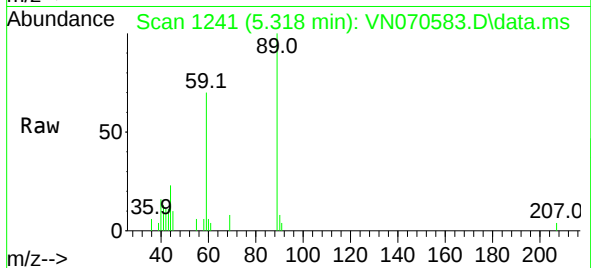
Tgt Ion: 94 Resp: 2553
Ion Ratio Lower Upper
94 100
96 42.6 73.8 110.8#



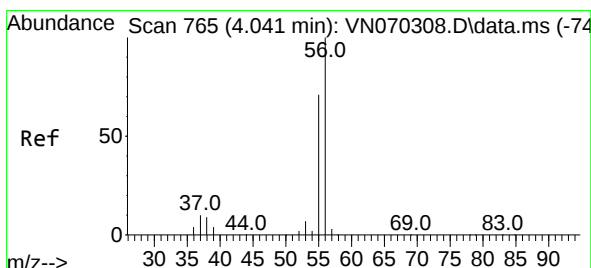
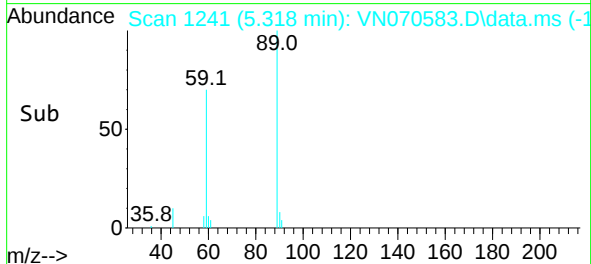
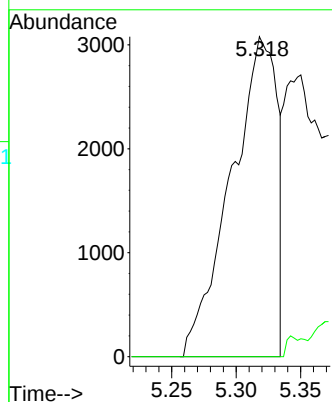


#11
Tert butyl alcohol
Concen: 3.391 ug/l
RT: 5.318 min Scan# 11
Delta R.T. -0.059 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

Instrument :
MSVOA_N
ClientSampleId :

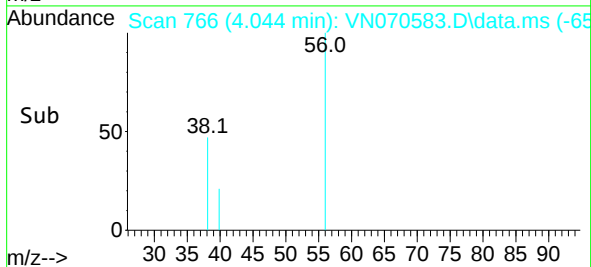
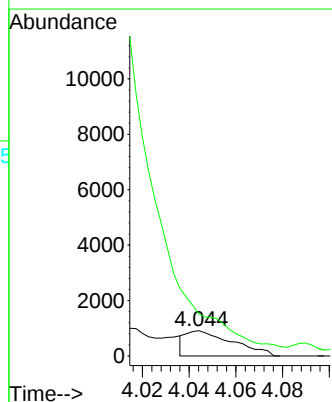
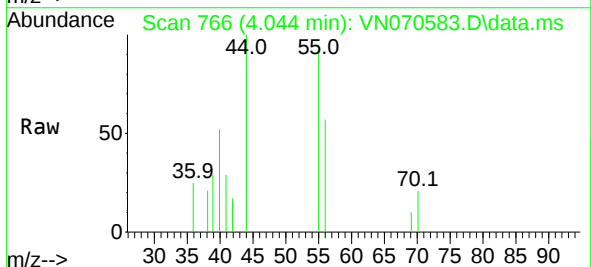


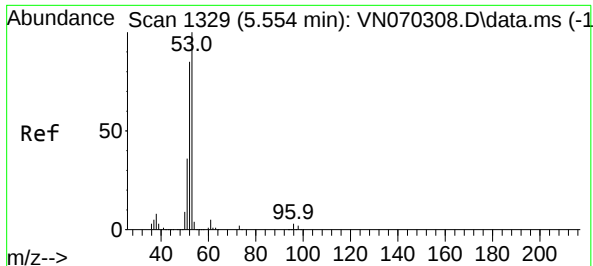
Tgt Ion: 59 Resp: 7653
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: 0.690 ug/l
RT: 4.044 min Scan# 766
Delta R.T. 0.003 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

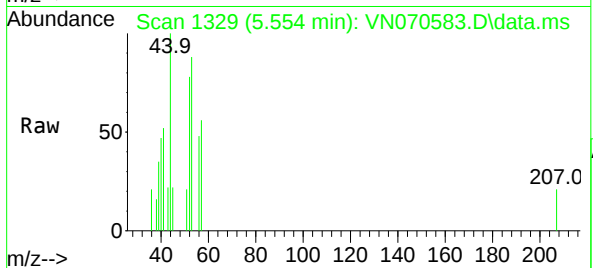
Tgt Ion: 56 Resp: 1263
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#



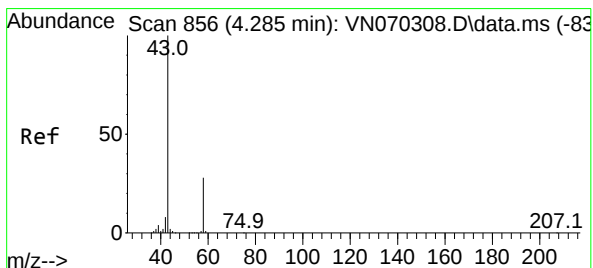
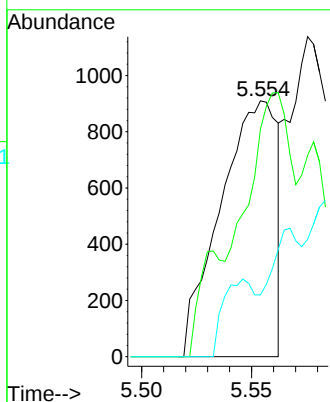
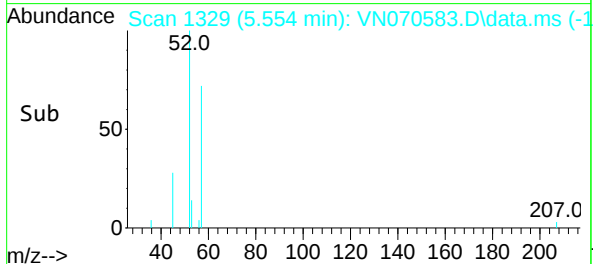


#15
Acrylonitrile
Concen: 0.231 ug/l
RT: 5.554 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

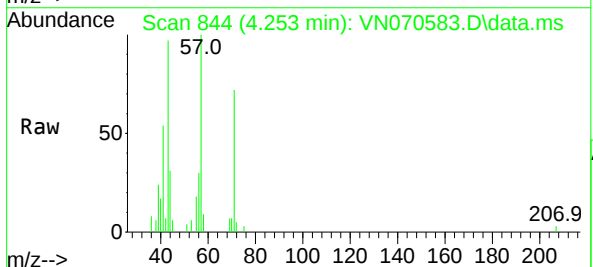
Instrument :
MSVOA_N
ClientSampleId :



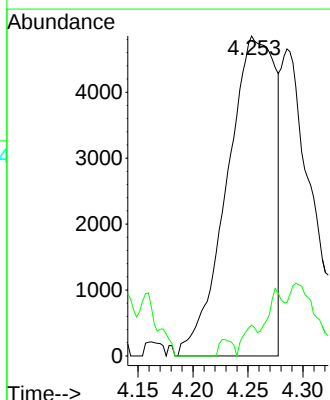
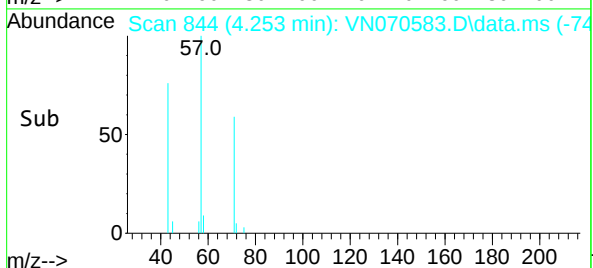
Tgt Ion: 53 Resp: 1625
Ion Ratio Lower Upper
53 100
52 0.0 66.2 99.2#
51 16.2 29.6 44.4#

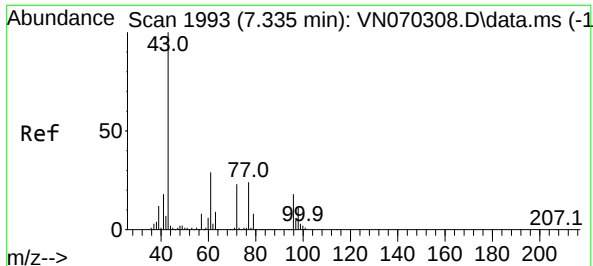


#16
Acetone
Concen: 1.676 ug/l
RT: 4.253 min Scan# 844
Delta R.T. -0.032 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54



Tgt Ion: 43 Resp: 14747
Ion Ratio Lower Upper
43 100
58 9.6 23.1 34.7#





#25

2-Butanone

Concen: 0.449 ug/l

RT: 7.338 min Scan# 1993

Delta R.T. 0.003 min

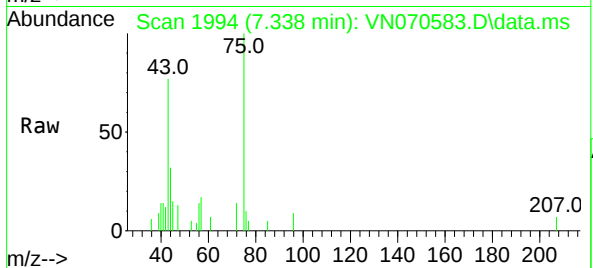
Lab File: VN070583.D

Acq: 12 Jan 2022 13:54

Instrument :

MSVOA_N

ClientSampleId :

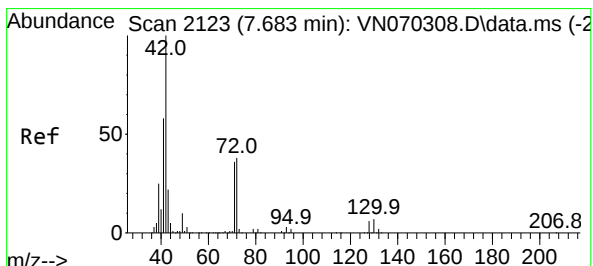
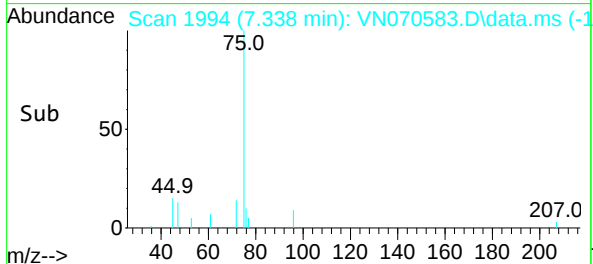
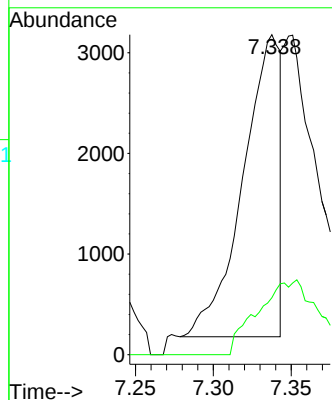


Tgt Ion: 43 Resp: 4971

Ion Ratio Lower Upper

43 100

72 18.9 21.7 32.5#



#29

Tetrahydrofuran

Concen: 0.428 ug/l

RT: 7.700 min Scan# 2129

Delta R.T. 0.017 min

Lab File: VN070583.D

Acq: 12 Jan 2022 13:54

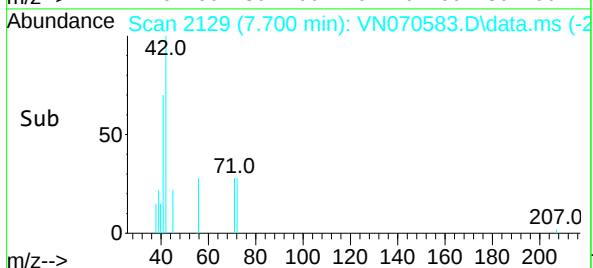
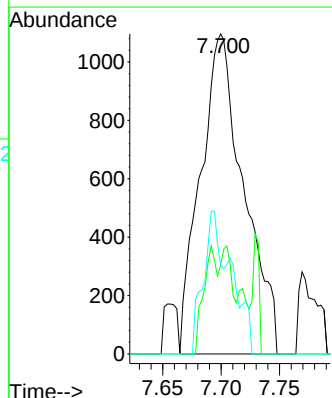
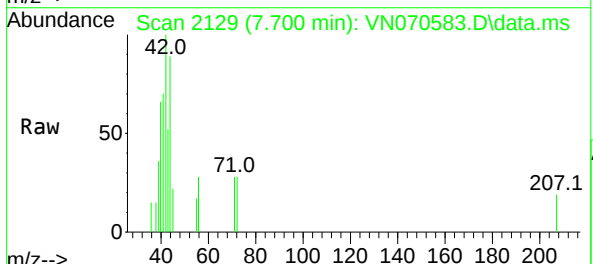
Tgt Ion: 42 Resp: 2829

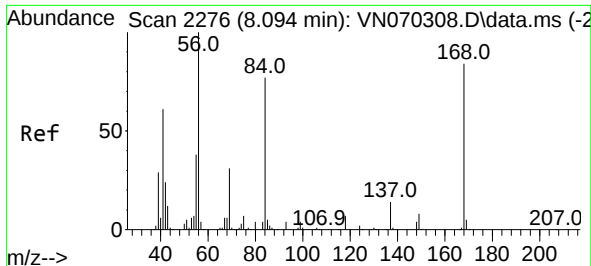
Ion Ratio Lower Upper

42 100

72 8.0 36.3 54.5#

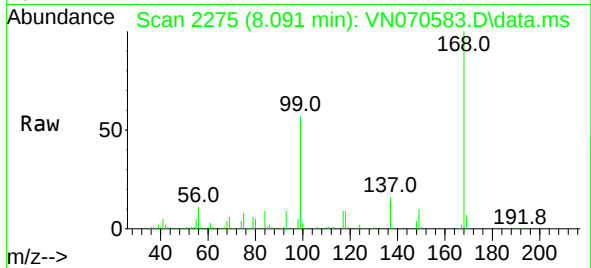
71 0.0 34.7 52.1#



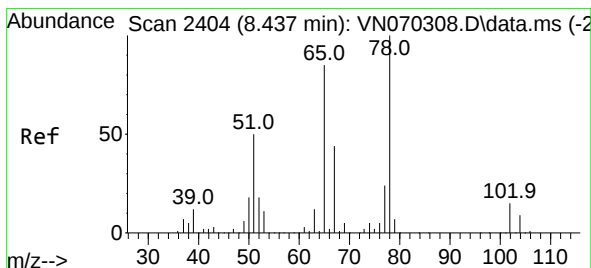
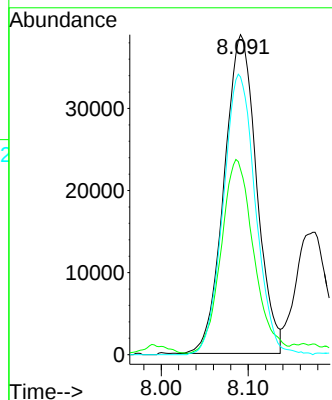
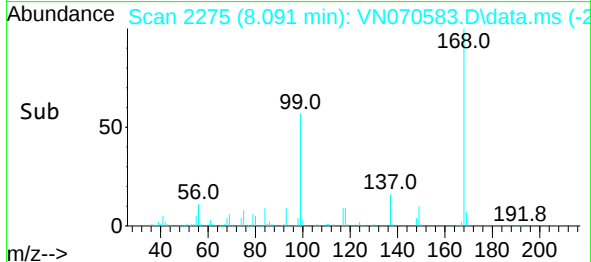


#31
Cyclohexane
Concen: 4.706 ug/l
RT: 8.091 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

Instrument :
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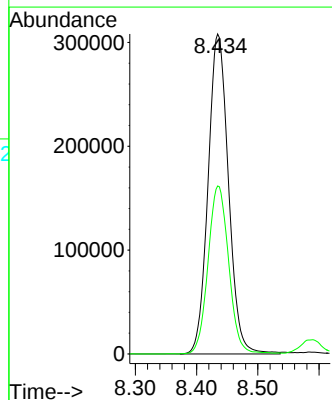
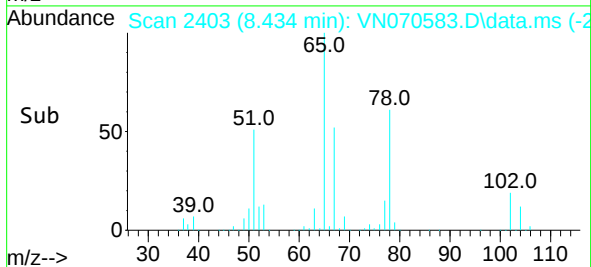
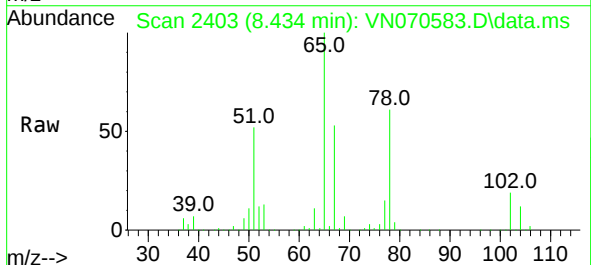


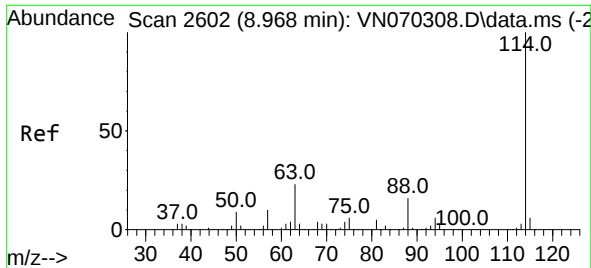
Tgt Ion: 56 Resp: 100641
Ion Ratio Lower Upper
56 100
69 57.5 27.1 40.7#
84 87.1 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 52.580 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.003 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

Tgt Ion: 65 Resp: 712640
Ion Ratio Lower Upper
65 100
67 53.3 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2

Delta R.T. -0.003 min

Lab File: VN070583.D

Acq: 12 Jan 2022 13:54

Instrument :

MSVOA_N

ClientSampleId :

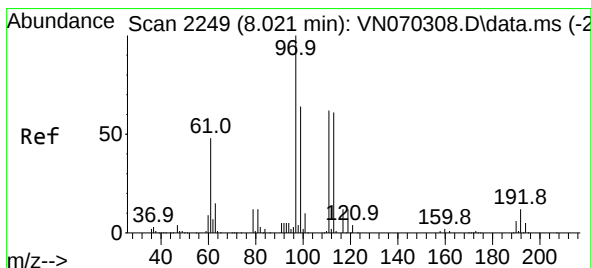
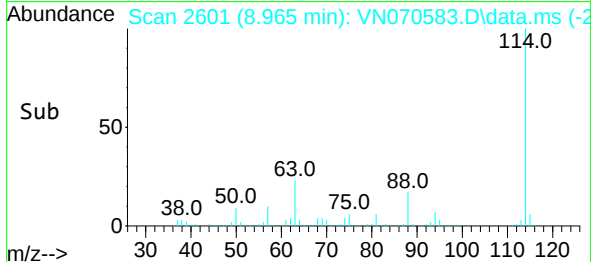
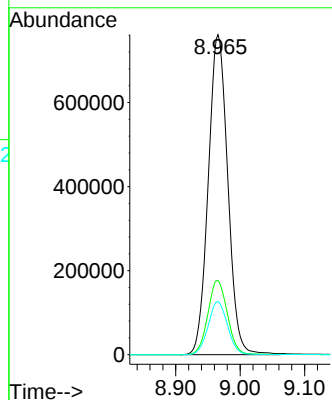
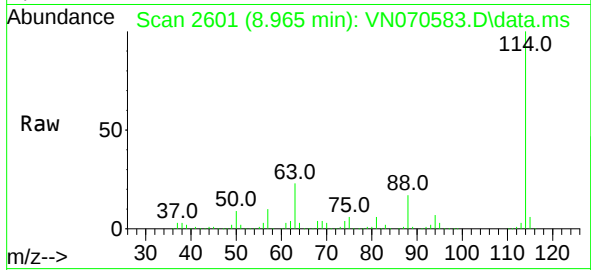
Tgt Ion:114 Resp: 1606647

Ion Ratio Lower Upper

114 100

63 23.2 0.0 37.8

88 16.6 0.0 27.4



#35

Dibromofluoromethane

Concen: 51.212 ug/l

RT: 8.019 min Scan# 2248

Delta R.T. -0.002 min

Lab File: VN070583.D

Acq: 12 Jan 2022 13:54

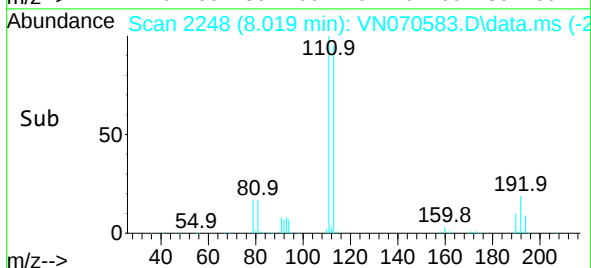
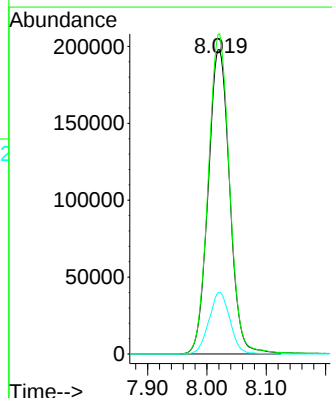
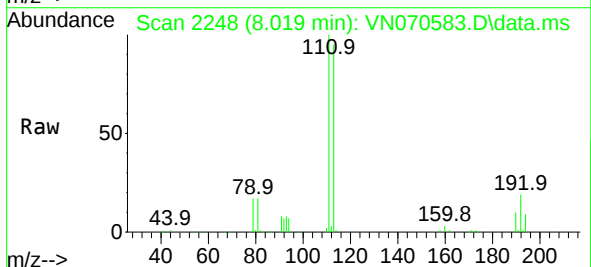
Tgt Ion:113 Resp: 497831

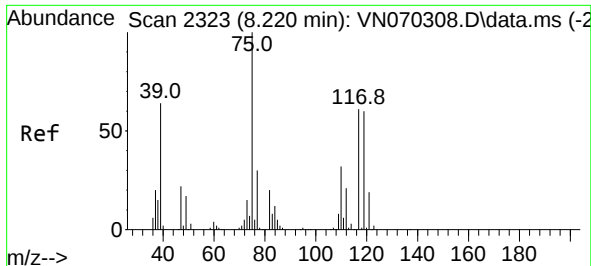
Ion Ratio Lower Upper

113 100

111 104.4 82.2 123.2

192 19.8 16.9 25.3

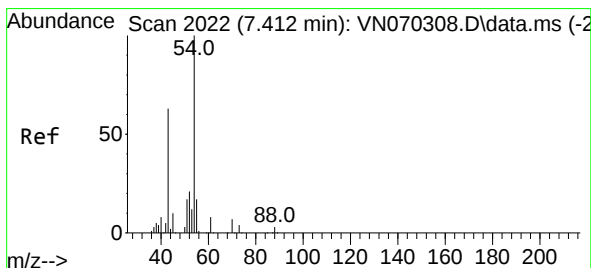
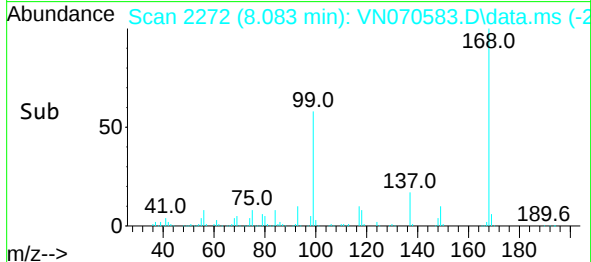
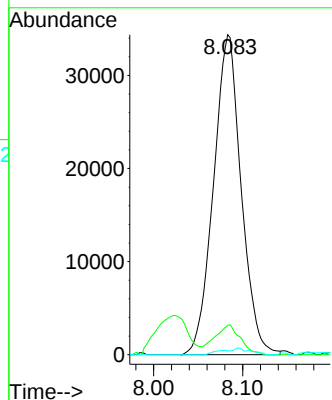
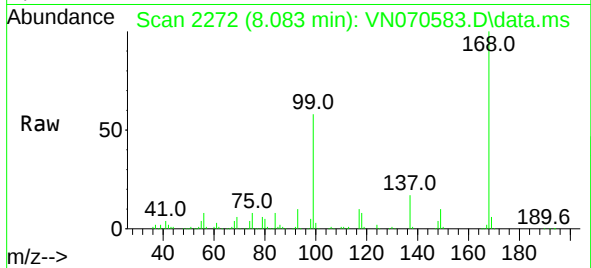




#36
 1,1-Dichloropropene
 Concen: 4.620 ug/l
 RT: 8.083 min Scan# 21
 Delta R.T. -0.137 min
 Lab File: VN070583.D
 Acq: 12 Jan 2022 13:54

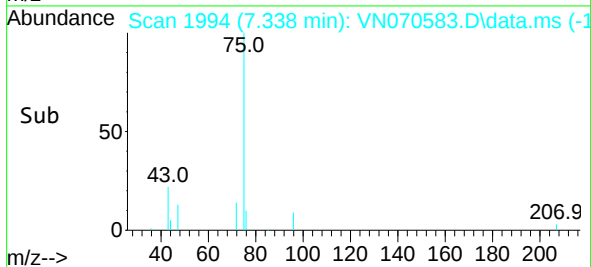
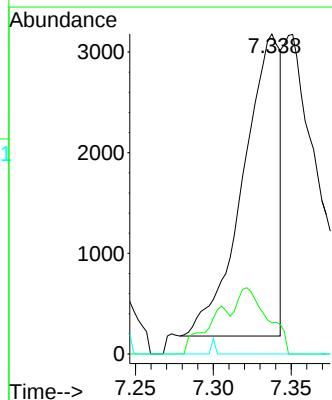
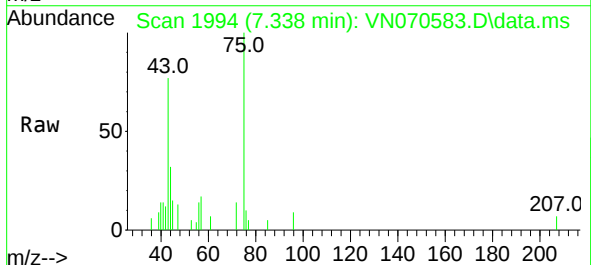
Instrument :
 MSVOA_N
 ClientSampleId :

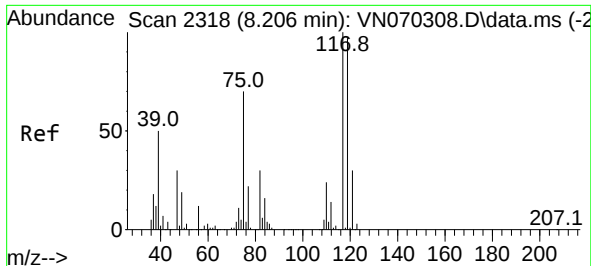
Tgt Ion: 75 Resp: 74301
 Ion Ratio Lower Upper
 75 100
 110 8.8 18.4 55.2#
 77 0.0 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 0.238 ug/l
 RT: 7.338 min Scan# 1994
 Delta R.T. -0.074 min
 Lab File: VN070583.D
 Acq: 12 Jan 2022 13:54

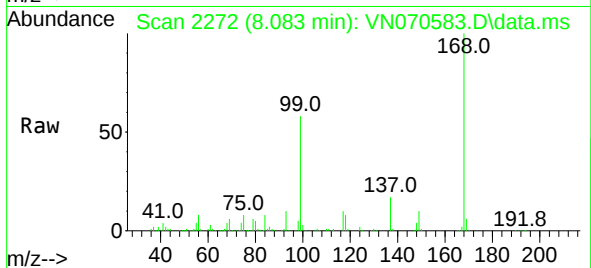
Tgt Ion: 43 Resp: 4971
 Ion Ratio Lower Upper
 43 100
 61 18.7 11.5 17.3#
 70 0.0 7.9 11.9#



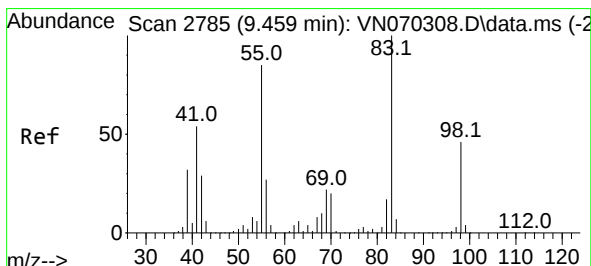
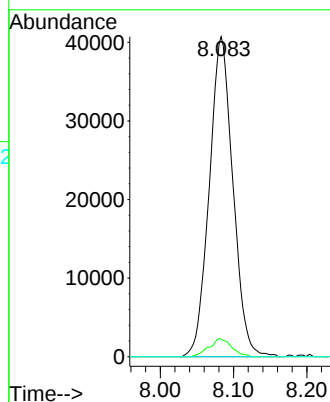
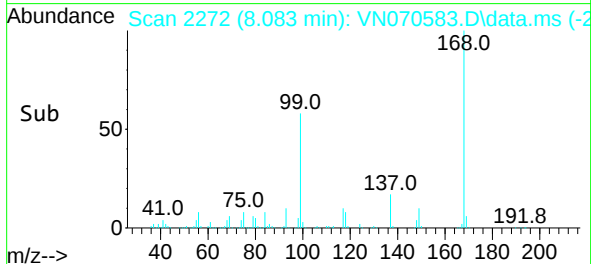


#38
Carbon Tetrachloride
Concen: 5.943 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.123 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

Instrument :
MSVOA_N
ClientSampleId :

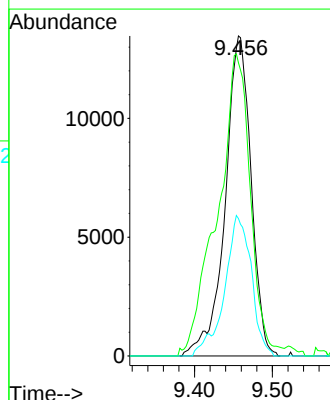
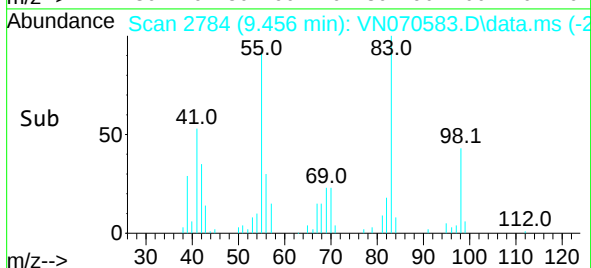
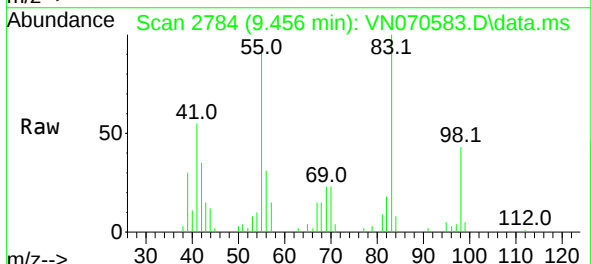


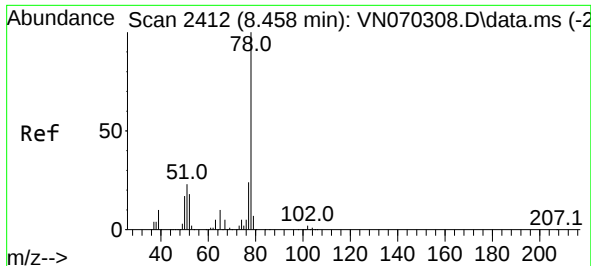
Tgt Ion:117 Resp: 91259
Ion Ratio Lower Upper
117 100
119 5.5 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 1.598 ug/l
RT: 9.456 min Scan# 2784
Delta R.T. -0.003 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

Tgt Ion: 83 Resp: 31106
Ion Ratio Lower Upper
83 100
55 89.3 58.1 87.1#
98 42.9 38.4 57.6

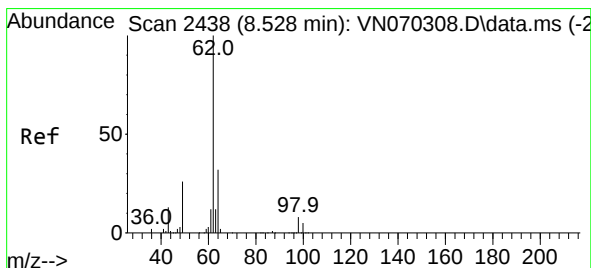
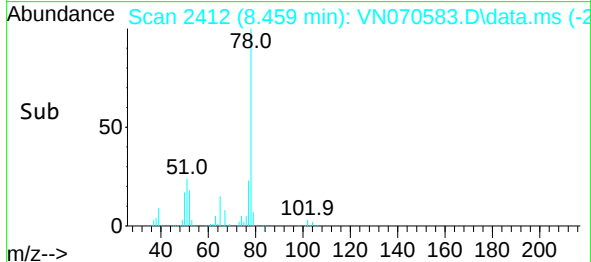
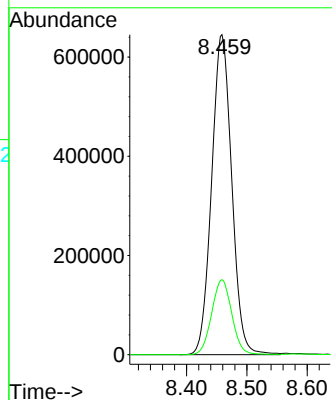
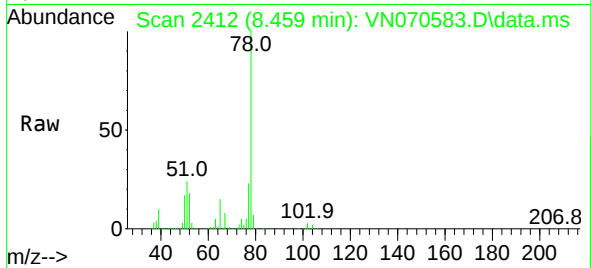




#40
Benzene
Concen: 30.329 ug/l
RT: 8.459 min Scan# 2412
Delta R.T. 0.001 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

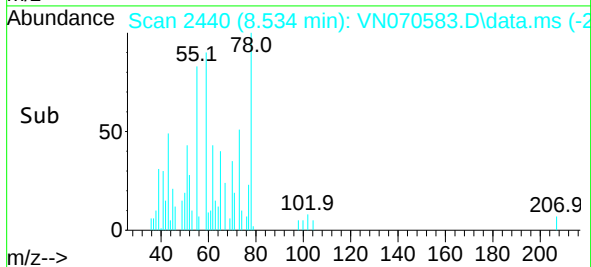
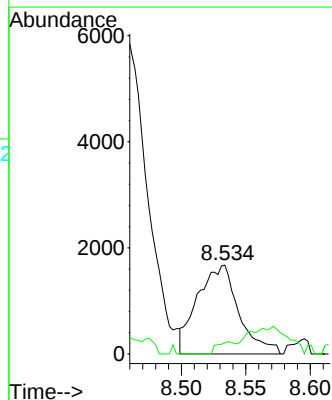
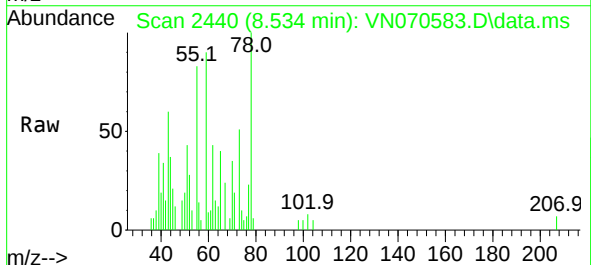
Instrument :
MSVOA_N
ClientSampleId :

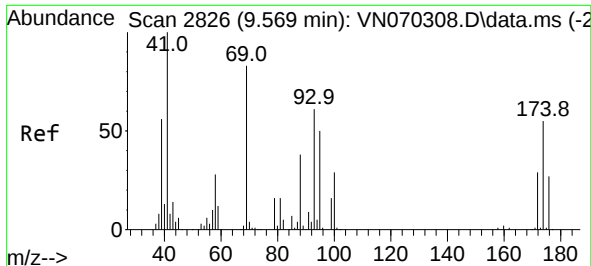
Tgt Ion: 78 Resp: 1495278
Ion Ratio Lower Upper
78 100
77 23.5 18.6 27.8



#42
1,2-Dichloroethane
Concen: 0.202 ug/l
RT: 8.534 min Scan# 2440
Delta R.T. 0.006 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

Tgt Ion: 62 Resp: 3738
Ion Ratio Lower Upper
62 100
98 5.9 0.0 17.6





#49

1,4-Dioxane

Concen: 0.736 ug/l

RT: 9.558 min Scan# 21

Delta R.T. -0.011 min

Lab File: VN070583.D

Acq: 12 Jan 2022 13:54

Instrument :

MSVOA_N

ClientSampleId :

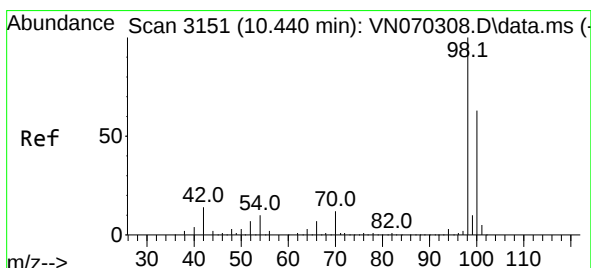
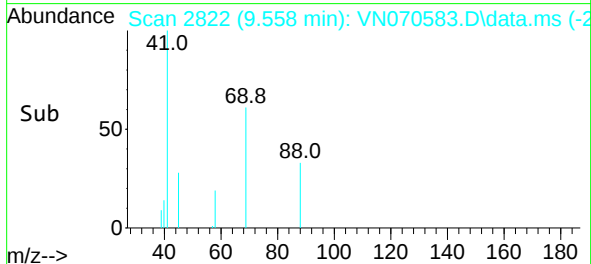
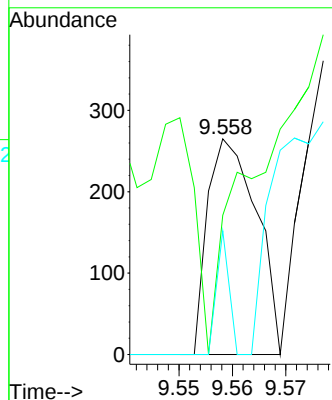
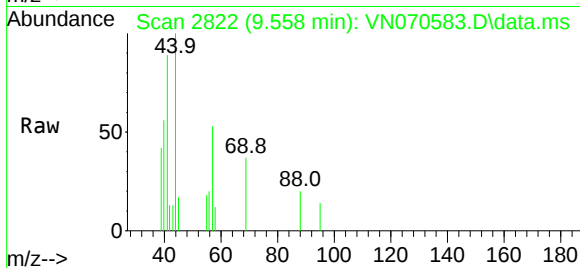
Tgt Ion: 88 Resp: 169

Ion Ratio Lower Upper

88 100

43 74.0 23.4 35.2#

58 14.2 50.6 75.8#



#50

Toluene-d8

Concen: 51.692 ug/l

RT: 10.441 min Scan# 3151

Delta R.T. 0.001 min

Lab File: VN070583.D

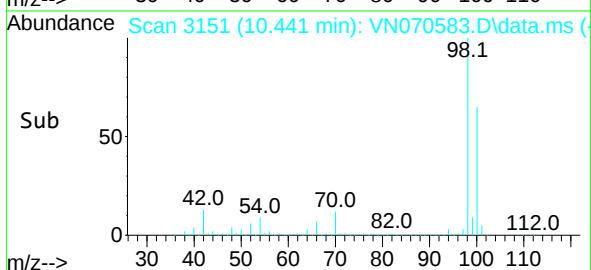
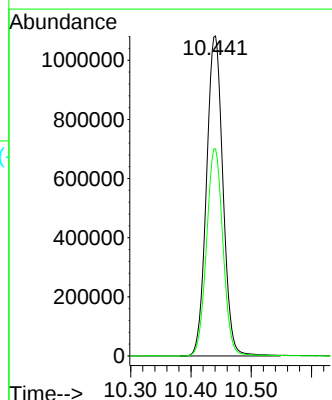
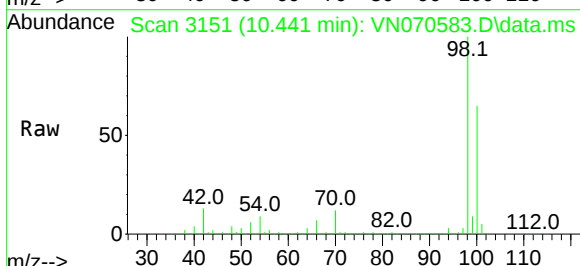
Acq: 12 Jan 2022 13:54

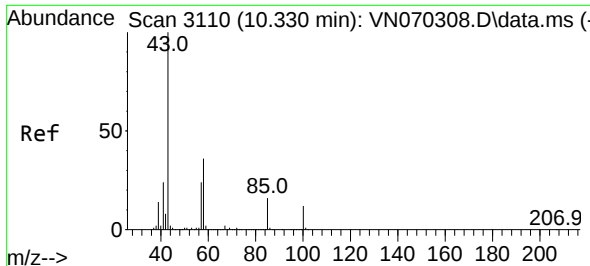
Tgt Ion: 98 Resp: 2052740

Ion Ratio Lower Upper

98 100

100 64.5 50.4 75.6





#51

4-Methyl-2-Pentanone

Concen: 0.578 ug/l

RT: 10.331 min Scan# 3110

Delta R.T. 0.001 min

Lab File: VN070583.D

Acq: 12 Jan 2022 13:54

Instrument :

MSVOA_N

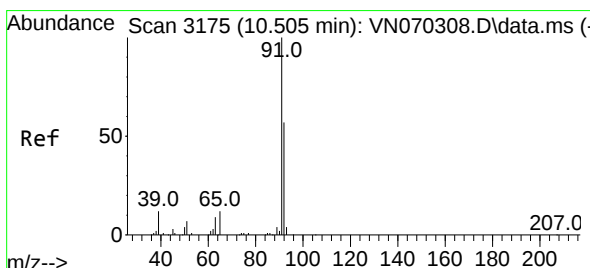
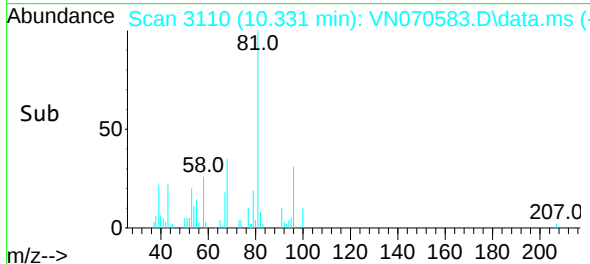
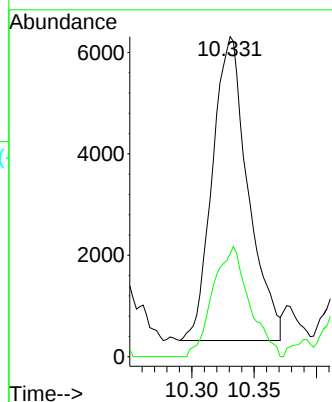
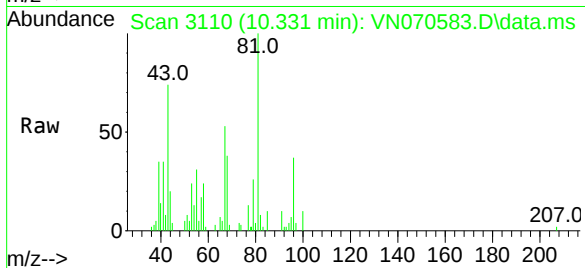
ClientSampleId :

Tgt Ion: 43 Resp: 11935

Ion Ratio Lower Upper

43 100

58 36.9 30.4 45.6



#52

Toluene

Concen: 4.995 ug/l

RT: 10.505 min Scan# 3175

Delta R.T. -0.000 min

Lab File: VN070583.D

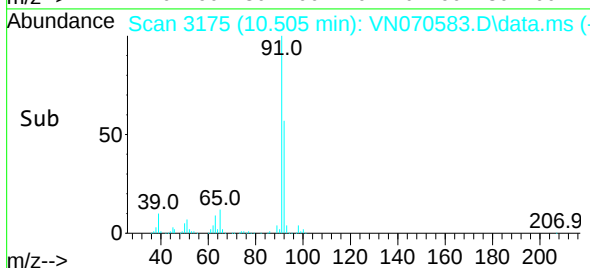
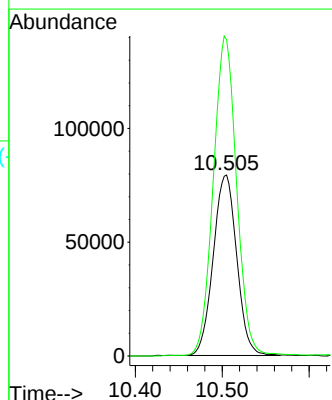
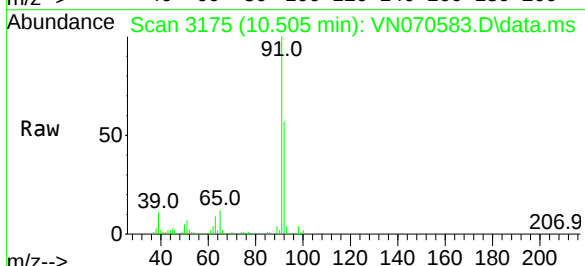
Acq: 12 Jan 2022 13:54

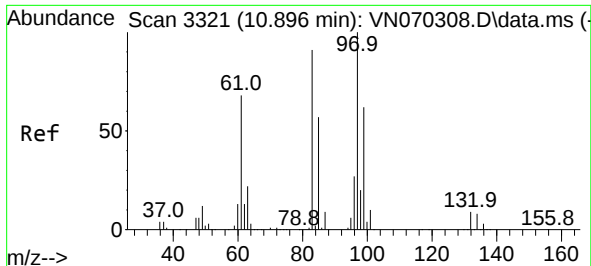
Tgt Ion: 92 Resp: 149058

Ion Ratio Lower Upper

92 100

91 175.0 142.0 213.0

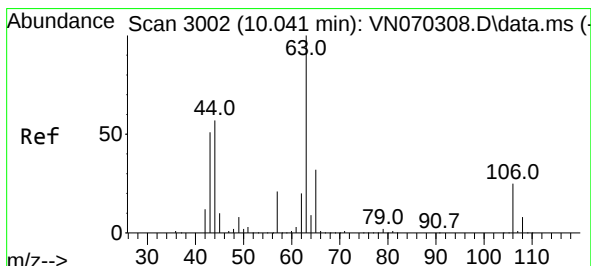
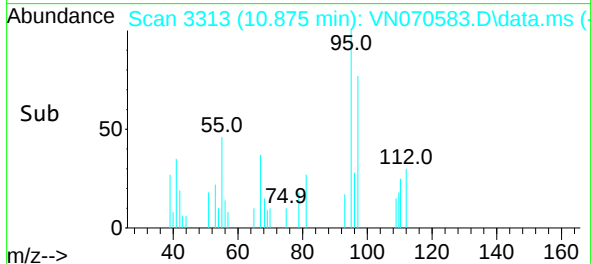
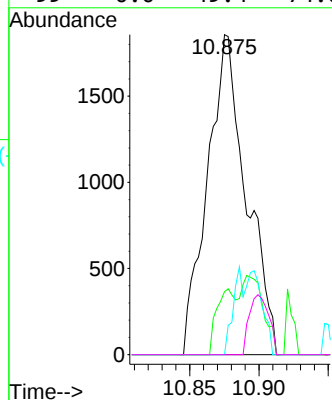
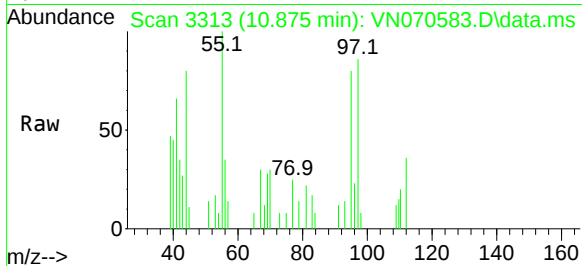




#55
1,1,2-Trichloroethane
Concen: 0.306 ug/l
RT: 10.875 min Scan# 31
Delta R.T. -0.021 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

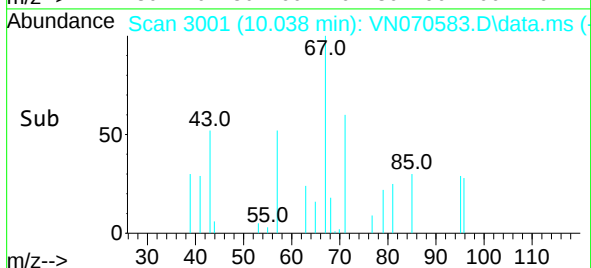
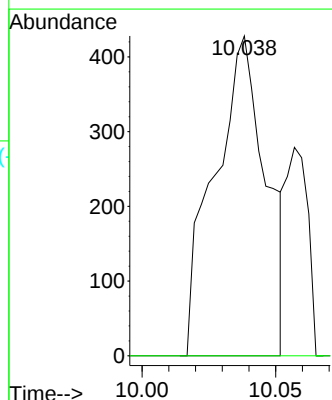
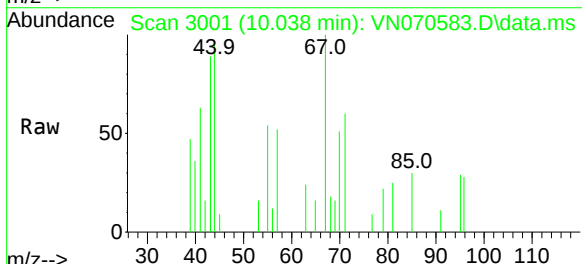
Instrument :
MSVOA_N
ClientSampleId :

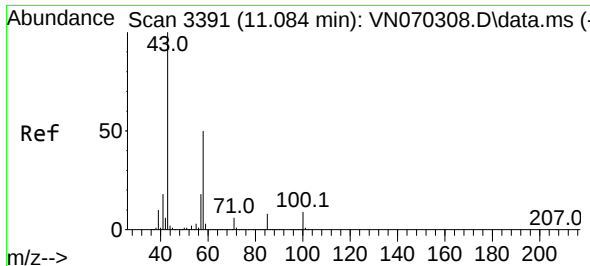
Tgt Ion: 97 Resp: 3618
Ion Ratio Lower Upper
97 100
83 19.7 67.8 101.6#
85 0.0 45.4 68.2#
99 0.0 49.4 74.0#



#58
2-Chloroethyl Vinyl ether
Concen: 18.619 ug/l
RT: 10.038 min Scan# 3001
Delta R.T. -0.003 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

Tgt Ion: 63 Resp: 572
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

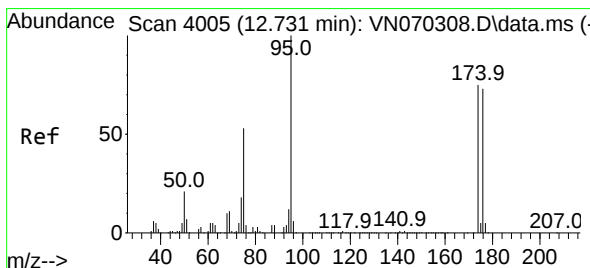
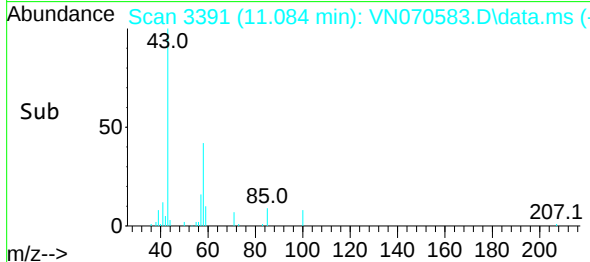
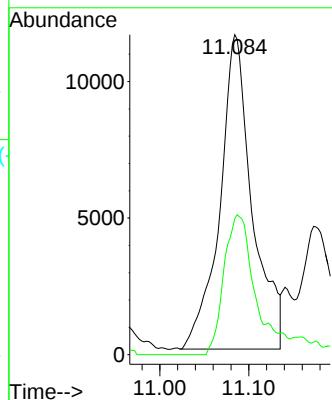
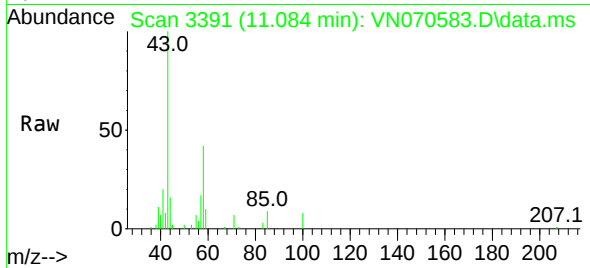




#59
2-Hexanone
Concen: 1.937 ug/l
RT: 11.084 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

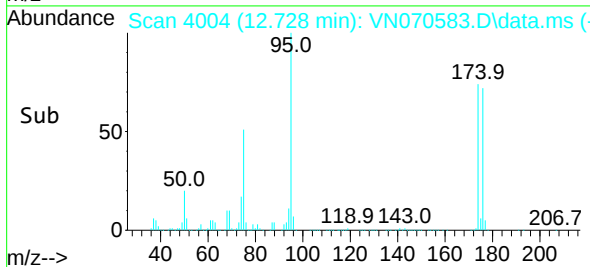
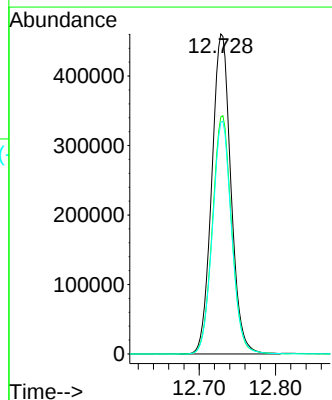
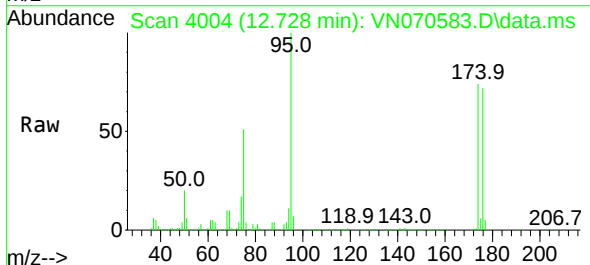
Instrument :
MSVOA_N
ClientSampleId :

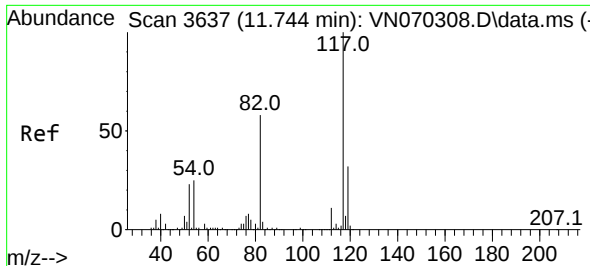
Tgt Ion: 43 Resp: 29165
Ion Ratio Lower Upper
43 100
58 43.0 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 55.943 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

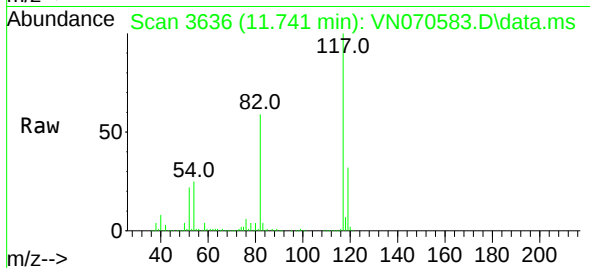
Tgt Ion: 95 Resp: 802379
Ion Ratio Lower Upper
95 100
174 74.8 0.0 187.2
176 72.8 0.0 181.4



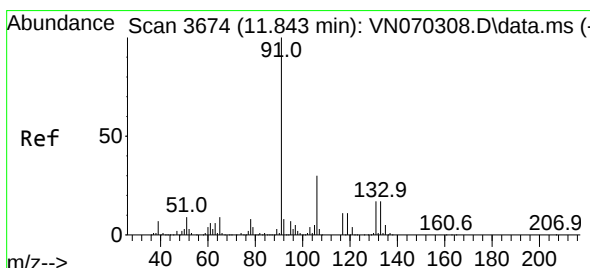
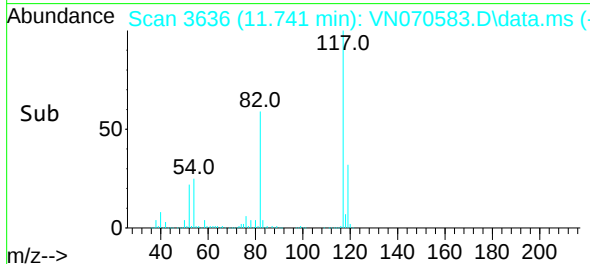
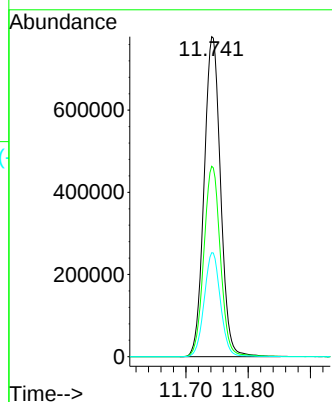


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.741 min Scan# 3636
Delta R.T. -0.003 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

Instrument :
MSVOA_N
ClientSampleId :

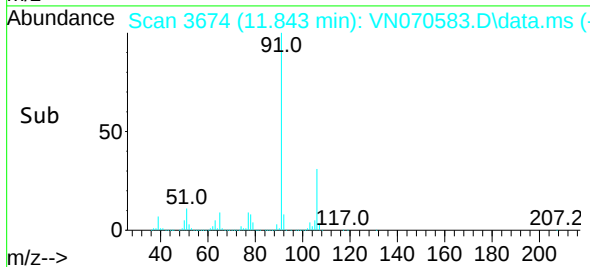
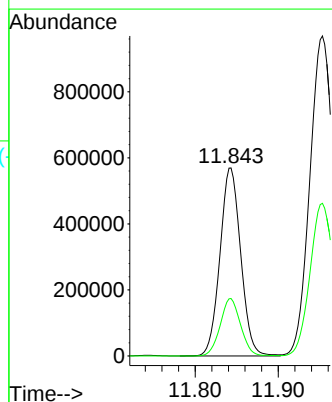
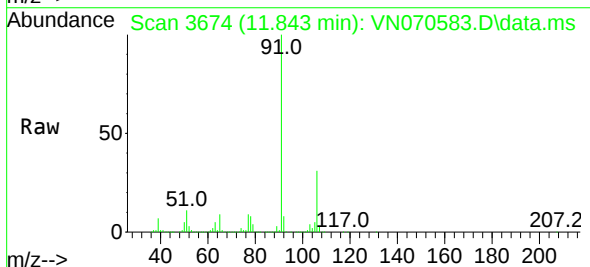


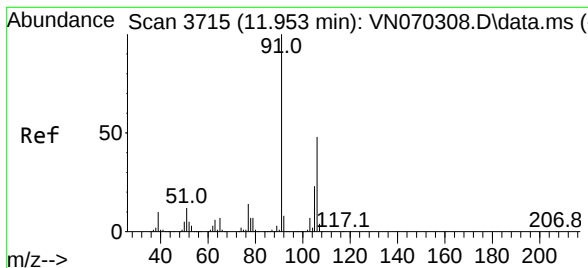
Tgt Ion:117 Resp: 1428429
Ion Ratio Lower Upper
117 100
82 59.5 42.4 63.6
119 32.5 25.4 38.2



#67
Ethyl Benzene
Concen: 17.819 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

Tgt Ion: 91 Resp: 989539
Ion Ratio Lower Upper
91 100
106 30.5 25.7 38.5

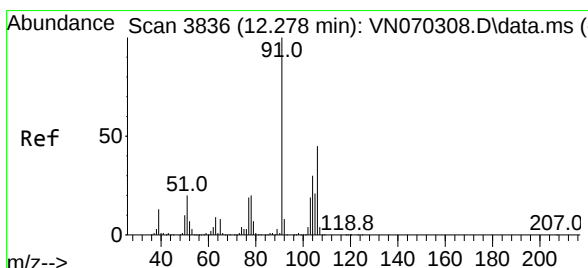
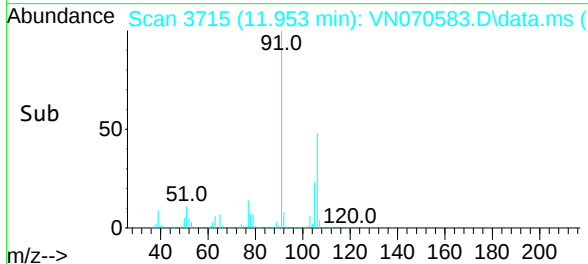
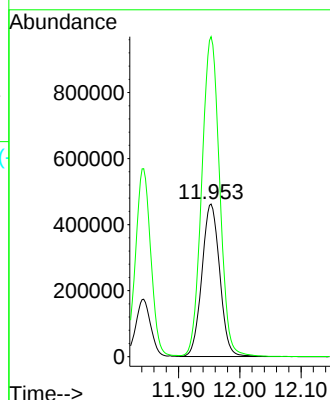
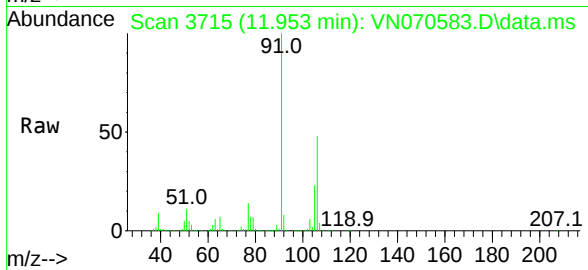




#68
m/p-Xylenes
Concen: 46.122 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

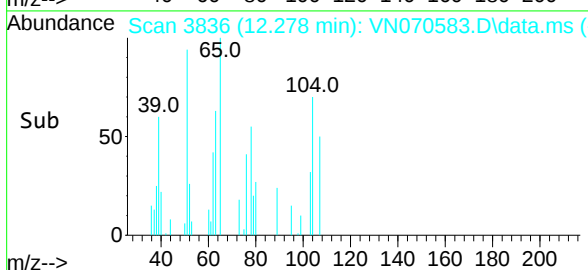
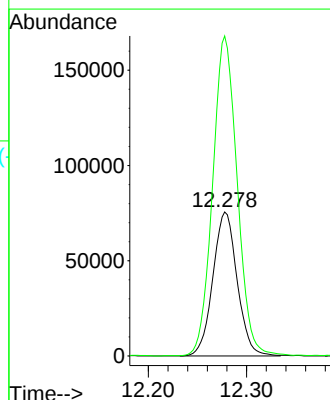
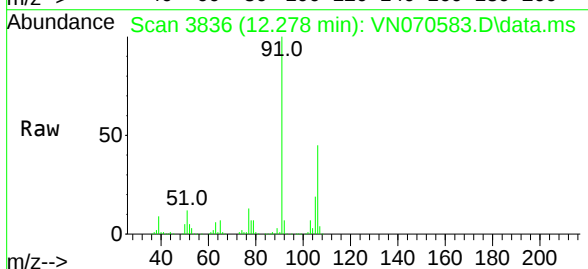
Instrument :
MSVOA_N
ClientSampleId :

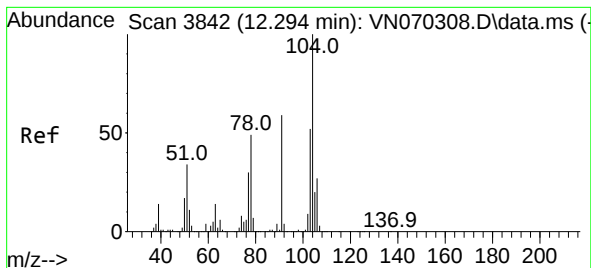
Tgt Ion:106 Resp: 932297
Ion Ratio Lower Upper
106 100
91 210.7 160.6 240.8



#69
o-Xylene
Concen: 6.456 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

Tgt Ion:106 Resp: 129794
Ion Ratio Lower Upper
106 100
91 224.3 105.8 317.3





#70

Styrene

Concen: 0.358 ug/l

RT: 12.280 min Scan# 3842

Delta R.T. -0.014 min

Lab File: VN070583.D

Acq: 12 Jan 2022 13:54

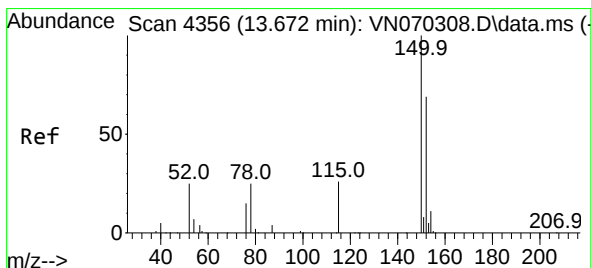
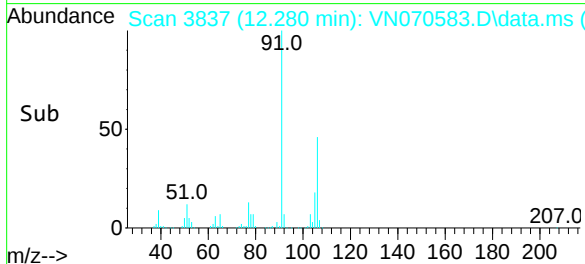
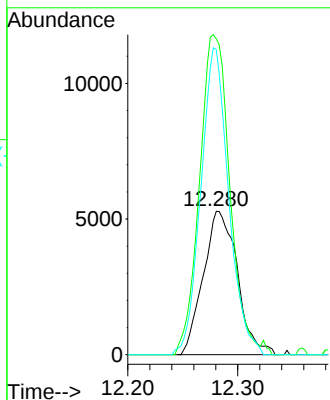
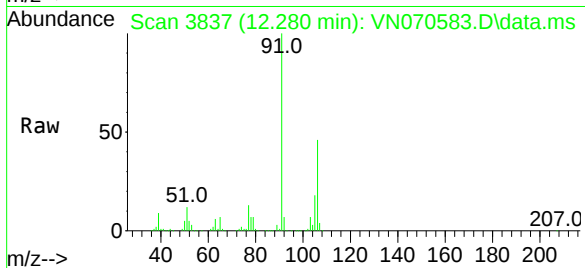
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:104 Resp: 11389

Ion	Ratio	Lower	Upper
104	100		
78	197.4	38.7	58.1#
103	175.2	45.0	67.6#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.672 min Scan# 4356

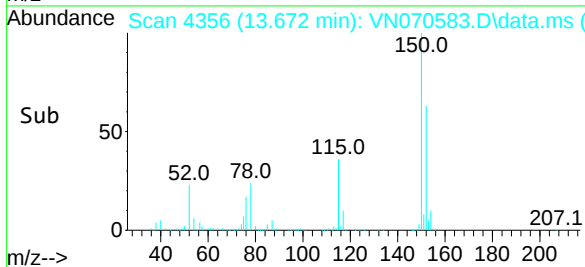
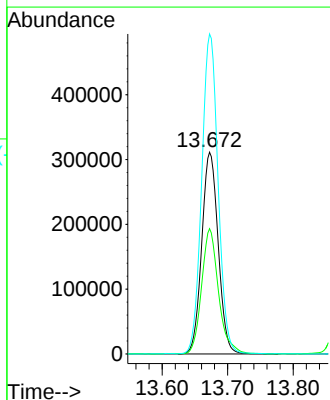
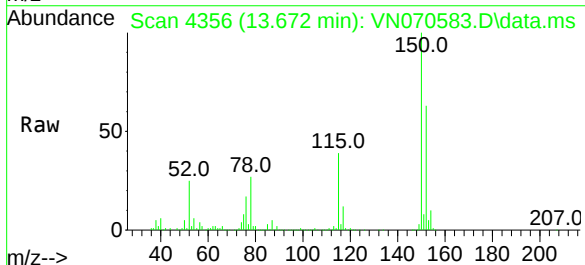
Delta R.T. 0.000 min

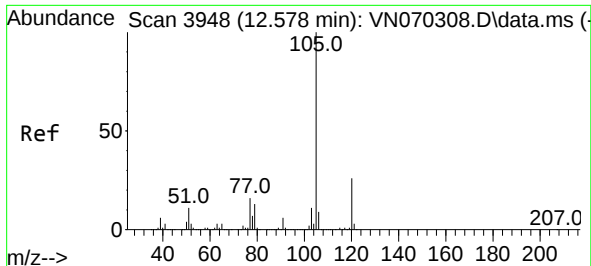
Lab File: VN070583.D

Acq: 12 Jan 2022 13:54

Tgt Ion:152 Resp: 541186

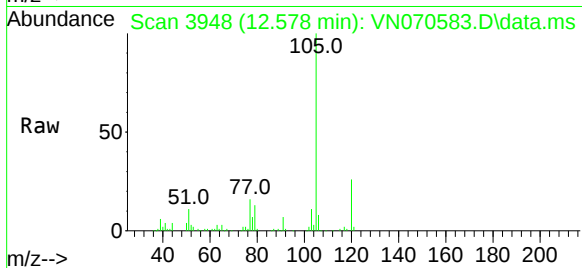
Ion	Ratio	Lower	Upper
152	100		
115	63.6	27.5	82.5
150	157.9	0.0	344.4



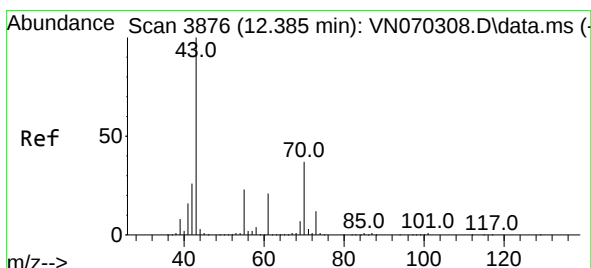
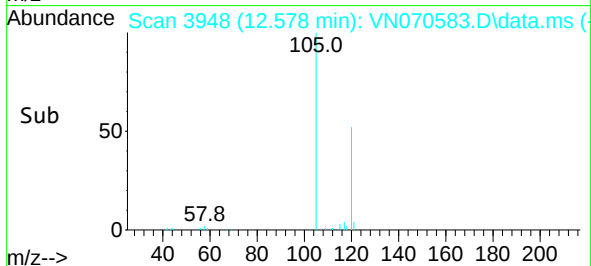
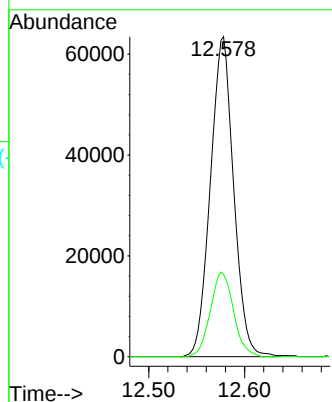


#73
Isopropylbenzene
Concen: 2.125 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. 0.000 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

Instrument :
MSVOA_N
ClientSampleId :

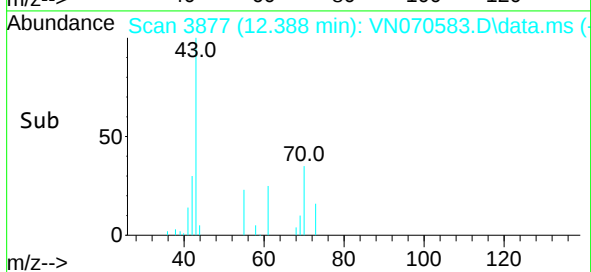
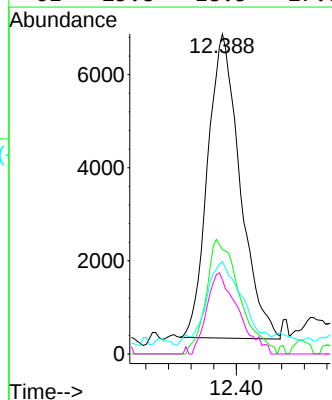
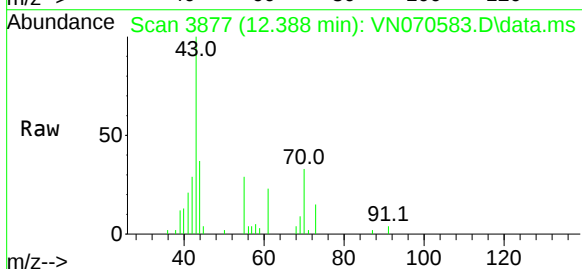


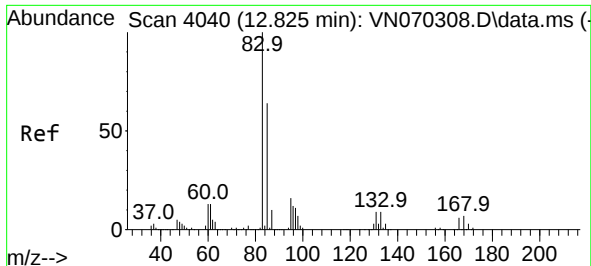
Tgt Ion:105 Resp: 106817
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.1



#74
N-ethyl acetate
Concen: 0.613 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

Tgt Ion: 43 Resp: 12955
Ion Ratio Lower Upper
43 100
70 38.7 33.4 50.0
55 31.0 19.3 28.9#
61 25.8 18.5 27.7

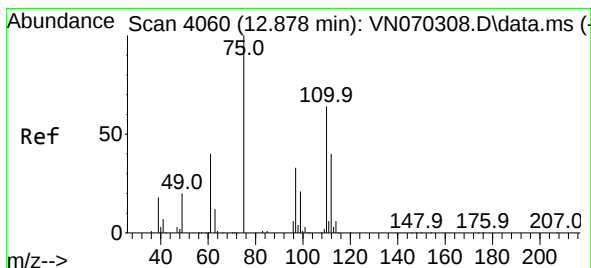
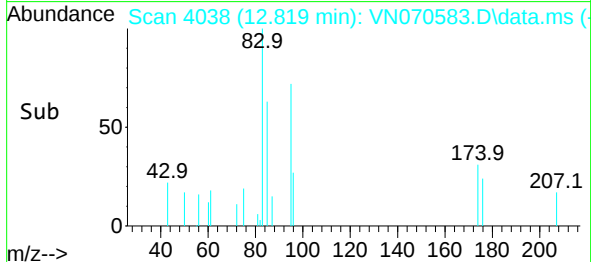
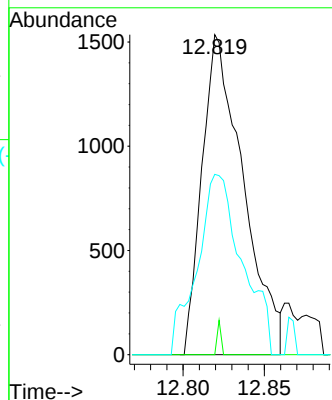
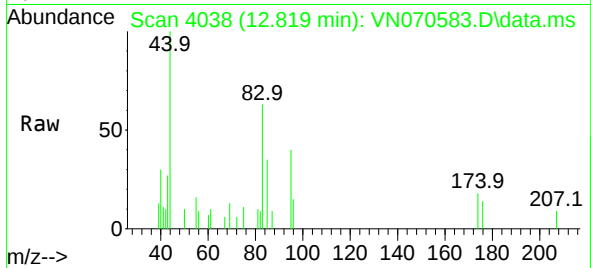




#75
1,1,2,2-Tetrachloroethane
Concen: 0.594 ug/l
RT: 12.819 min Scan# 4040
Delta R.T. -0.006 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

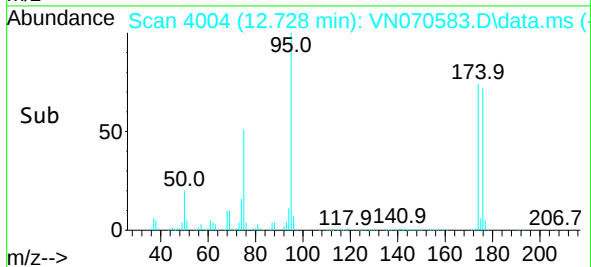
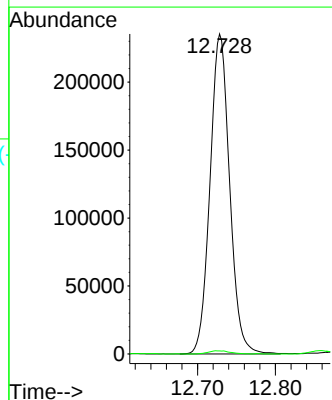
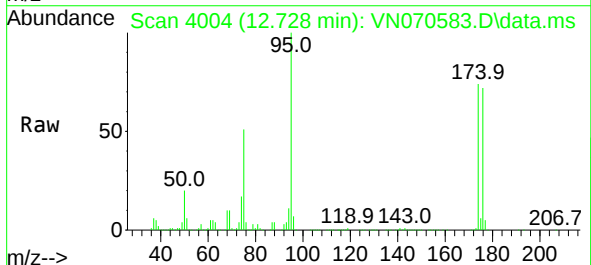
Instrument :
MSVOA_N
ClientSampleId :

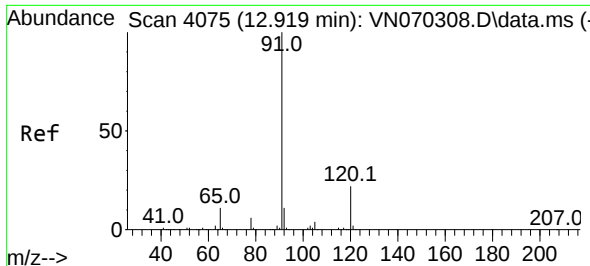
Tgt Ion: 83 Resp: 2701
Ion Ratio Lower Upper
83 100
131 1.0 5.5 16.5#
85 61.7 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 27.024 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.150 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

Tgt Ion: 75 Resp: 411687
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#

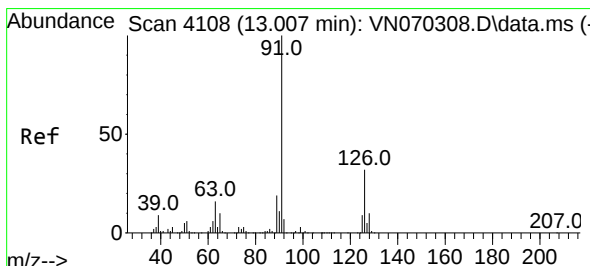
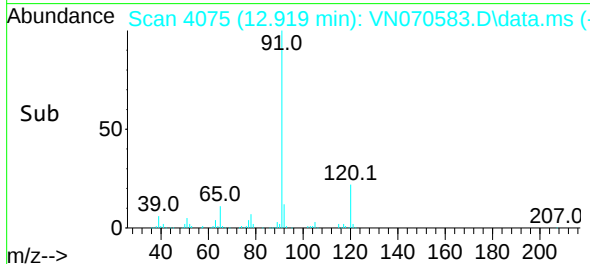
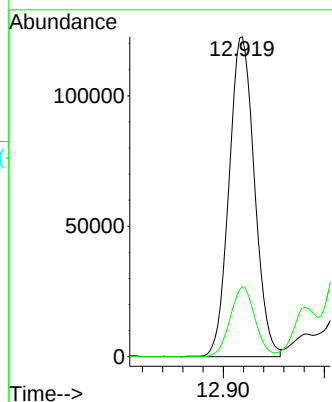
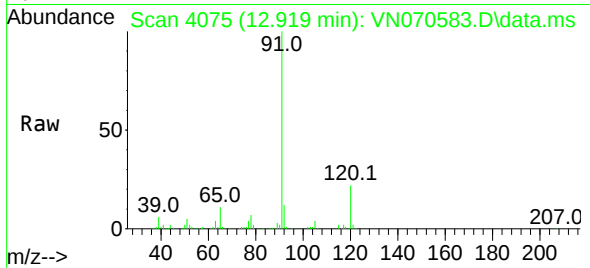




#78
n-propylbenzene
Concen: 3.845 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

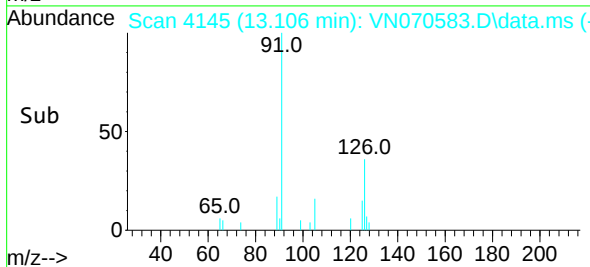
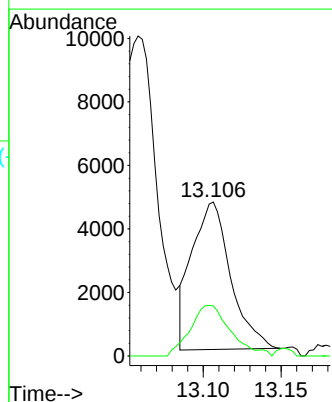
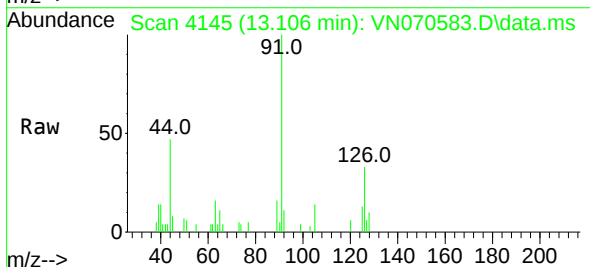
Instrument :
MSVOA_N
ClientSampleId :

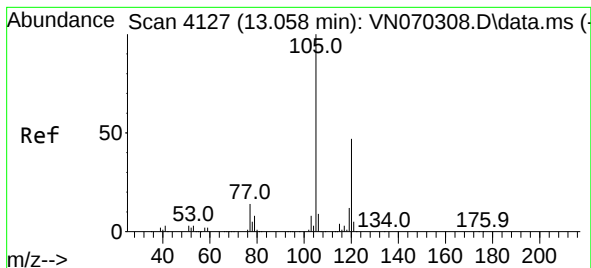
Tgt Ion: 91 Resp: 214093
Ion Ratio Lower Upper
91 100
120 21.4 11.9 35.9



#79
2-Chlorotoluene
Concen: 0.225 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.099 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

Tgt Ion: 91 Resp: 8029
Ion Ratio Lower Upper
91 100
126 35.6 18.3 54.8





#80

1,3,5-Trimethylbenzene

Concen: 3.775 ug/l

RT: 13.058 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN070583.D

Acq: 12 Jan 2022 13:54

Instrument :

MSVOA_N

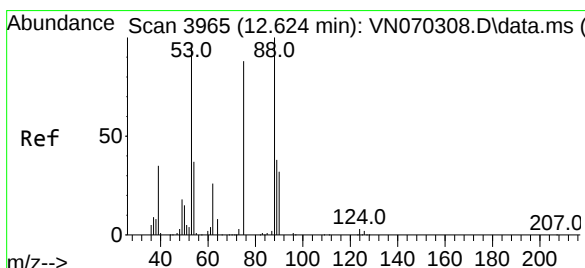
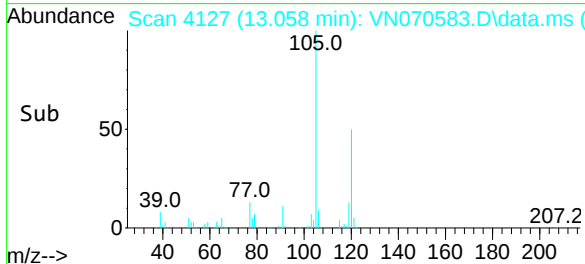
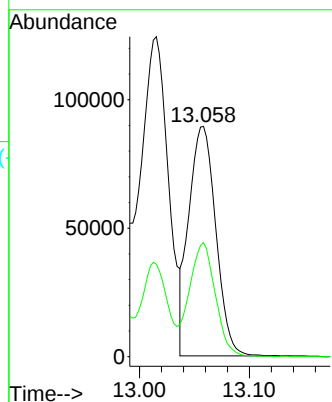
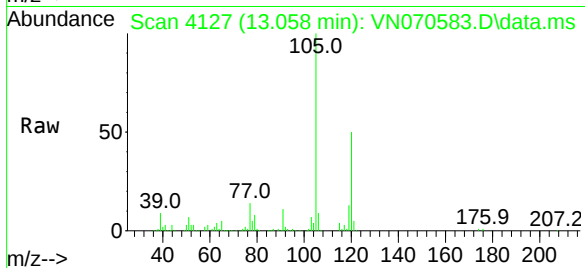
ClientSampleId :

Tgt Ion:105 Resp: 152023

Ion Ratio Lower Upper

105 100

120 48.6 24.6 73.6



#81

trans-1,4-Dichloro-2-butene

Concen: 92.941 ug/l

RT: 12.728 min Scan# 4004

Delta R.T. 0.104 min

Lab File: VN070583.D

Acq: 12 Jan 2022 13:54

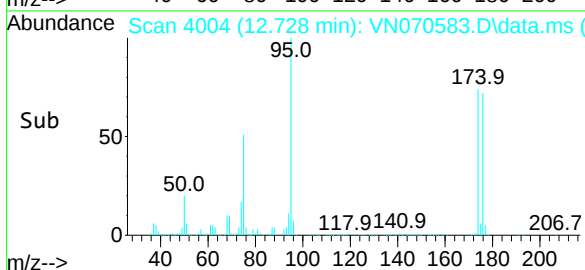
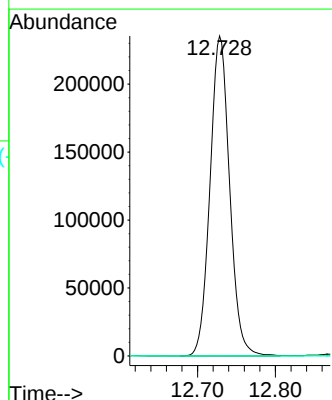
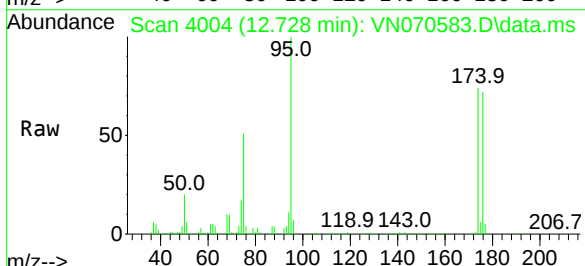
Tgt Ion: 75 Resp: 411687

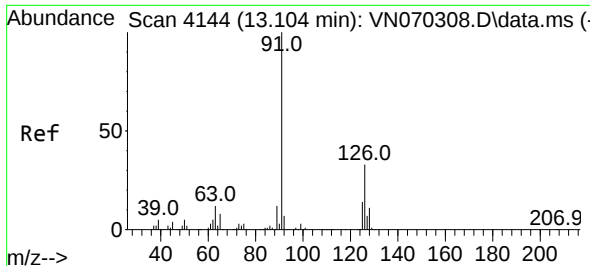
Ion Ratio Lower Upper

75 100

53 0.1 90.5 135.7#

89 0.0 38.2 57.4#

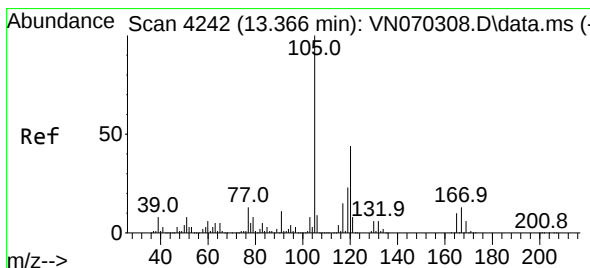
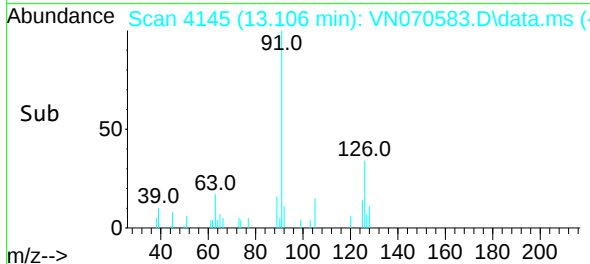
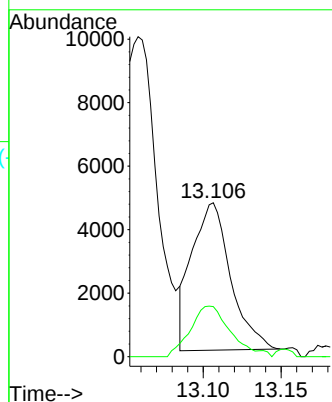
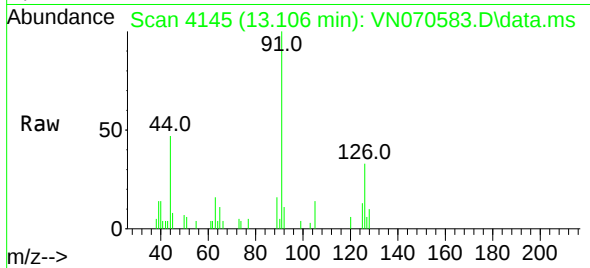




#82
4-Chlorotoluene
Concen: 0.240 ug/l
RT: 13.106 min Scan# 4144
Delta R.T. 0.002 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

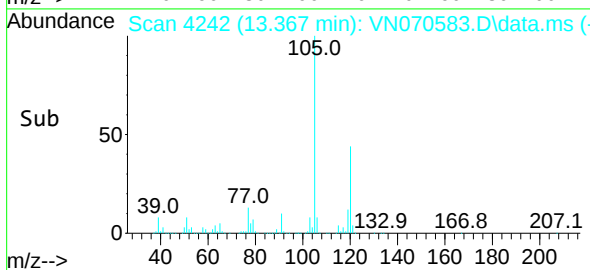
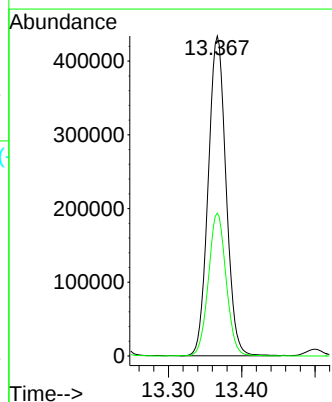
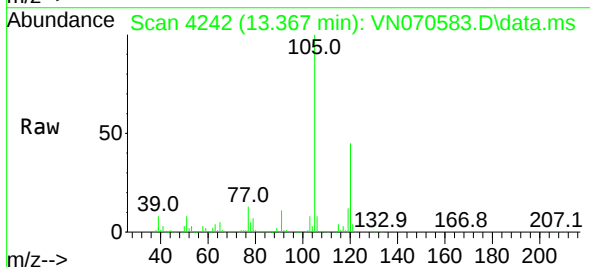
Instrument :
MSVOA_N
ClientSampleId :

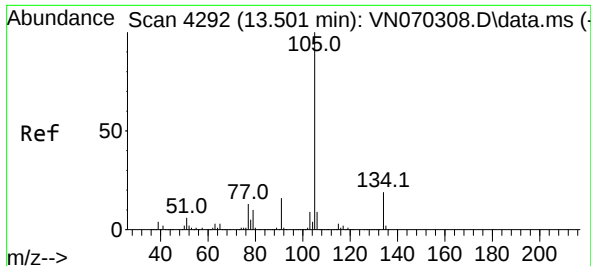
Tgt Ion: 91 Resp: 8029
Ion Ratio Lower Upper
91 100
126 35.6 18.2 54.6



#84
1,2,4-Trimethylbenzene
Concen: 18.904 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. 0.001 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

Tgt Ion: 105 Resp: 733108
Ion Ratio Lower Upper
105 100
120 44.1 22.8 68.4

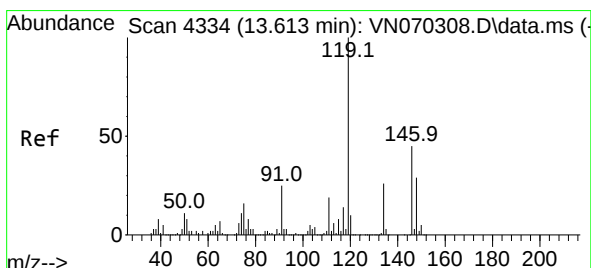
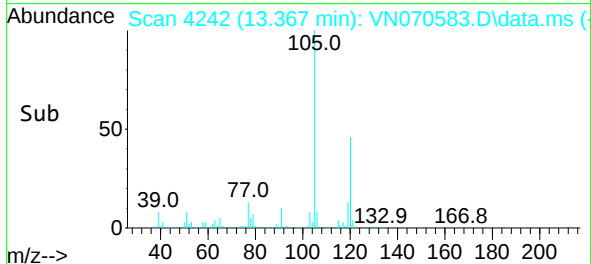
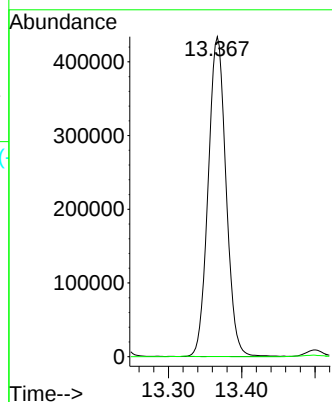
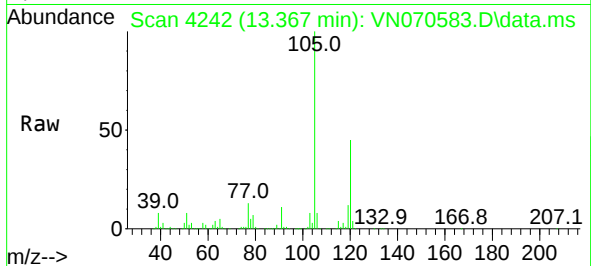




#85
 sec-Butylbenzene
 Concen: 15.227 ug/l
 RT: 13.367 min Scan# 41
 Delta R.T. -0.134 min
 Lab File: VN070583.D
 Acq: 12 Jan 2022 13:54

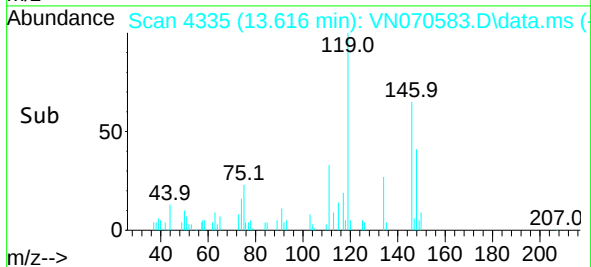
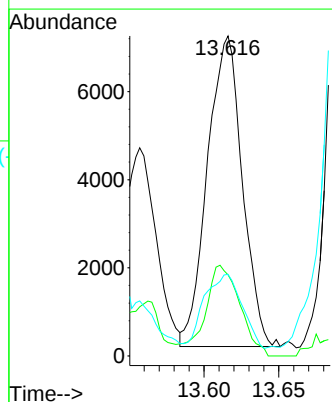
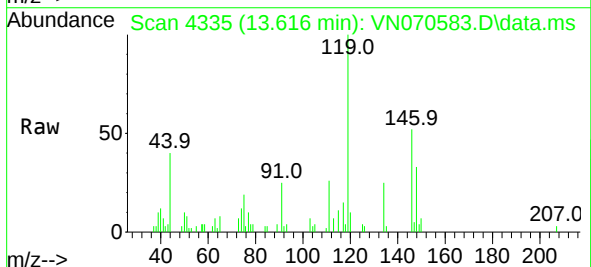
Instrument :
 MSVOA_N
 ClientSampleId :

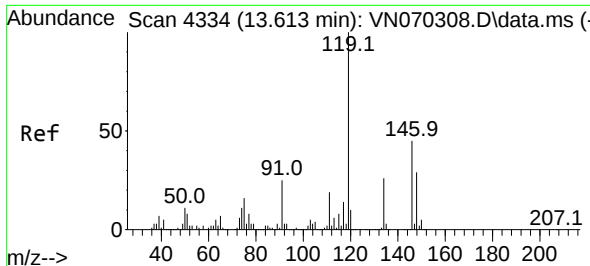
Tgt Ion:105 Resp: 733108
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 0.302 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.003 min
 Lab File: VN070583.D
 Acq: 12 Jan 2022 13:54

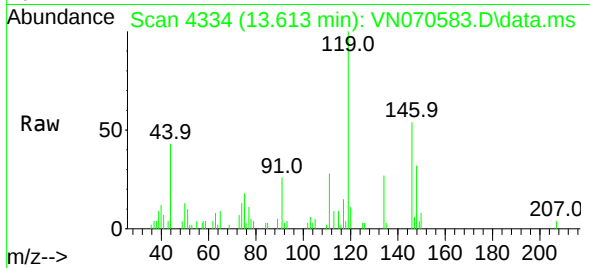
Tgt Ion:119 Resp: 11439
 Ion Ratio Lower Upper
 119 100
 134 28.9 13.6 40.7
 91 25.1 11.4 34.1



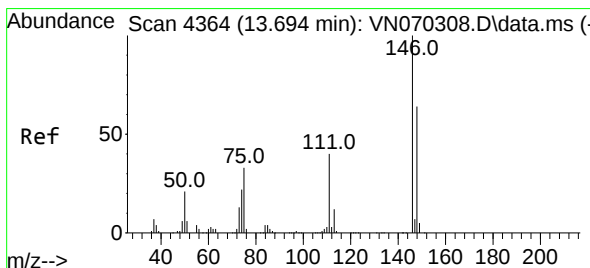
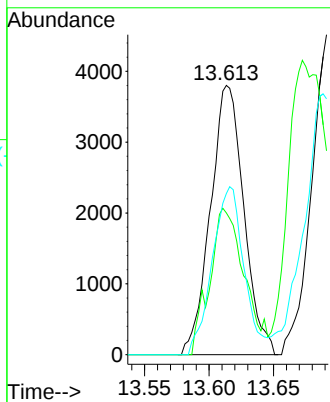
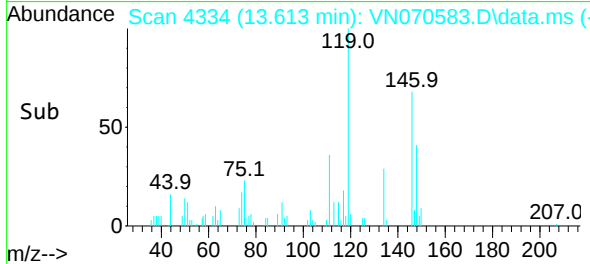


#87
1,3-Dichlorobenzene
Concen: 0.355 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. 0.000 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

Instrument :
MSVOA_N
ClientSampleId :

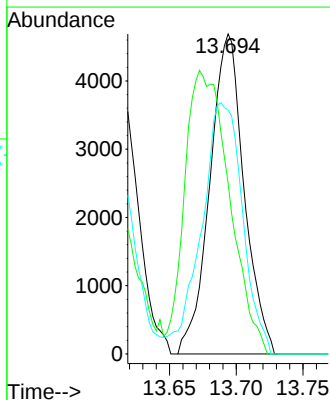
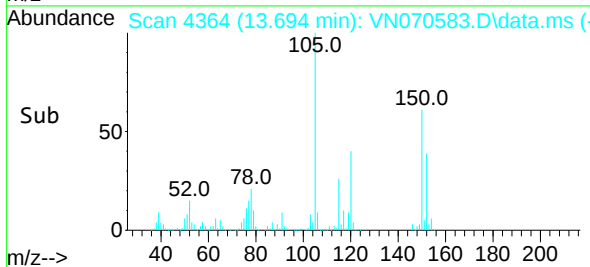
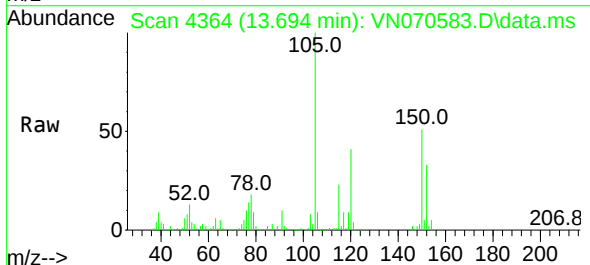


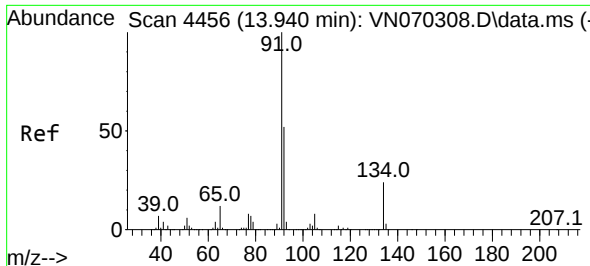
Tgt Ion:146 Resp: 6850
Ion Ratio Lower Upper
146 100
111 56.7 18.6 55.6#
148 59.1 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 0.439 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.000 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

Tgt Ion:146 Resp: 8360
Ion Ratio Lower Upper
146 100
111 0.0 18.3 54.8#
148 94.3 31.8 95.4

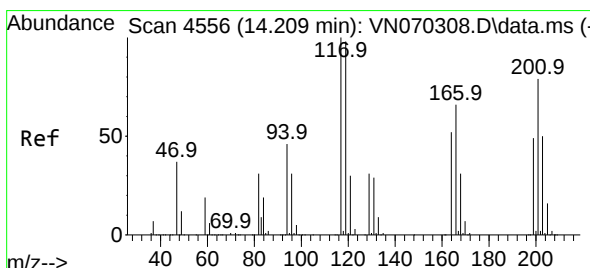
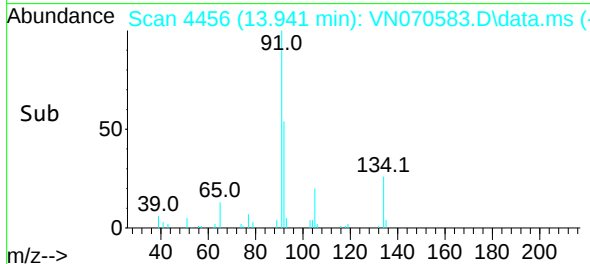
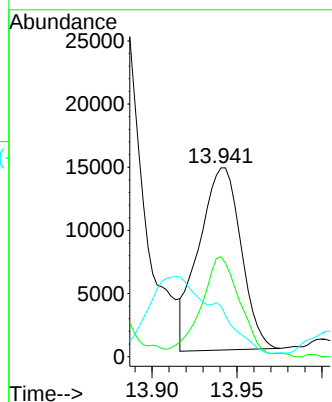
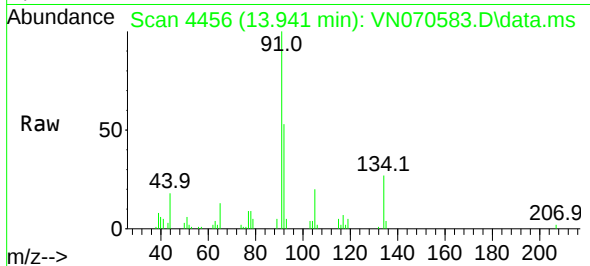




#89
n-Butylbenzene
Concen: 0.786 ug/l
RT: 13.941 min Scan# 4456
Delta R.T. 0.001 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

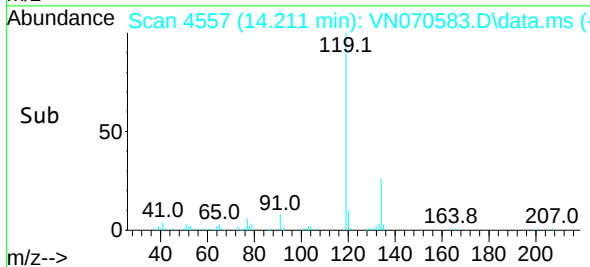
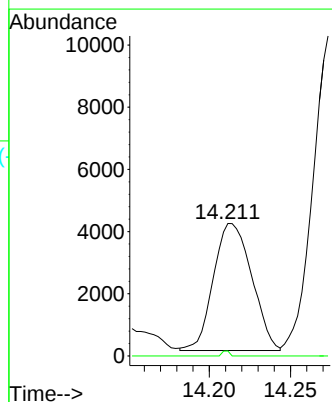
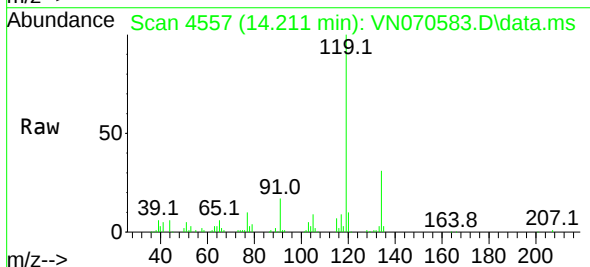
Instrument :
MSVOA_N
ClientSampleId :

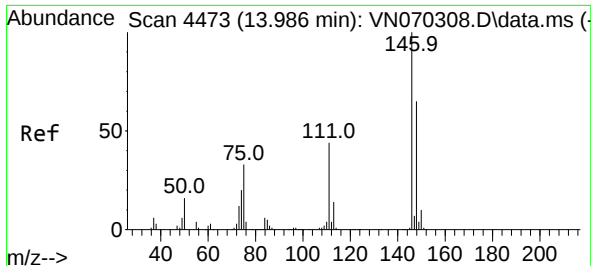
Tgt Ion: 91 Resp: 24800
Ion Ratio Lower Upper
91 100
92 51.9 25.4 76.0
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 1.021 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.002 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

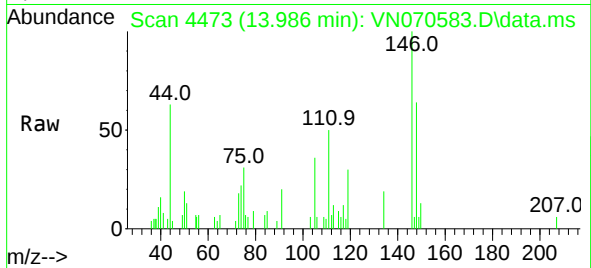
Tgt Ion: 117 Resp: 6711
Ion Ratio Lower Upper
117 100
201 0.7 43.9 131.6#



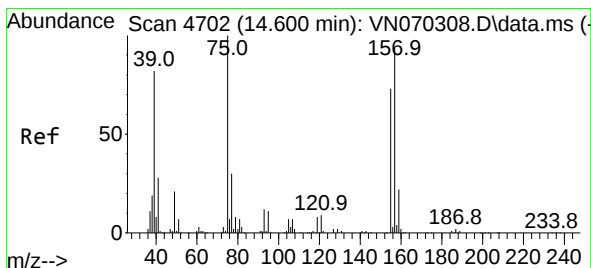
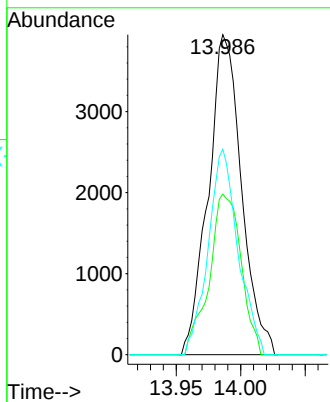
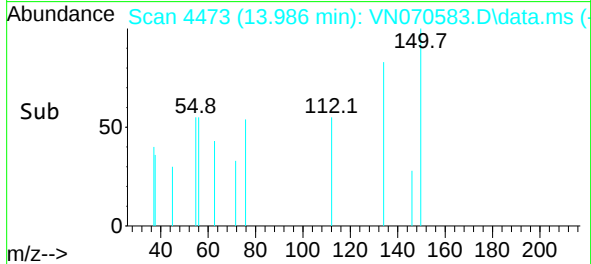


#91
1,2-Dichlorobenzene
Concen: 0.373 ug/l
RT: 13.986 min Scan# 4473
Delta R.T. 0.000 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

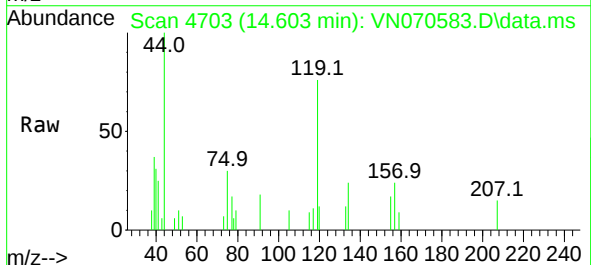
Instrument :
MSVOA_N
ClientSampleId :



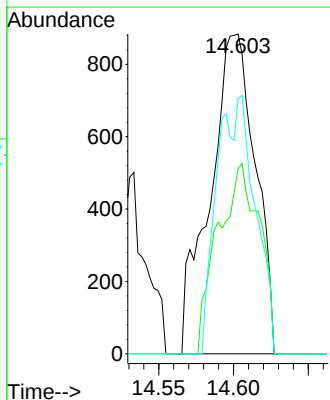
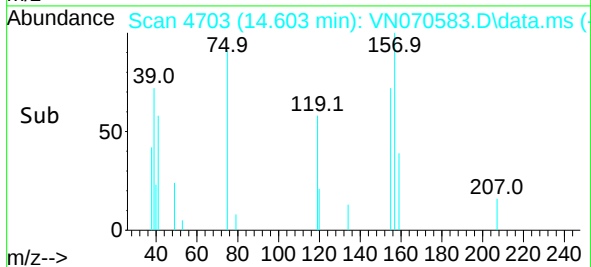
Tgt Ion:146 Resp: 7060
Ion Ratio Lower Upper
146 100
111 48.3 19.1 57.3
148 58.0 32.1 96.3

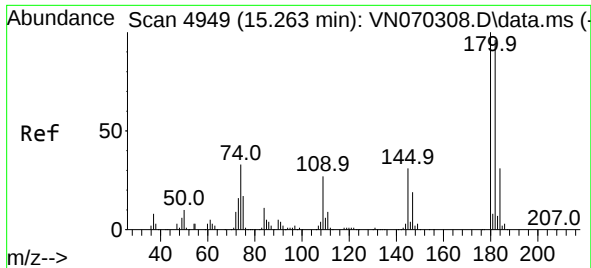


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.642 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.003 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54



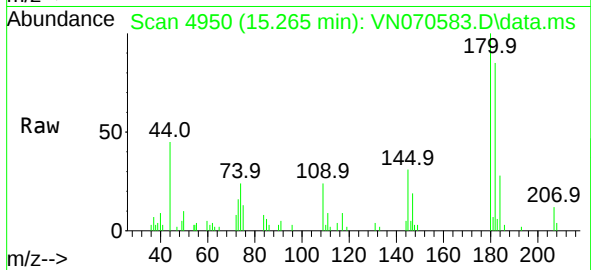
Tgt Ion: 75 Resp: 1870
Ion Ratio Lower Upper
75 100
155 54.6 46.9 140.7
157 33.8 60.6 181.7#



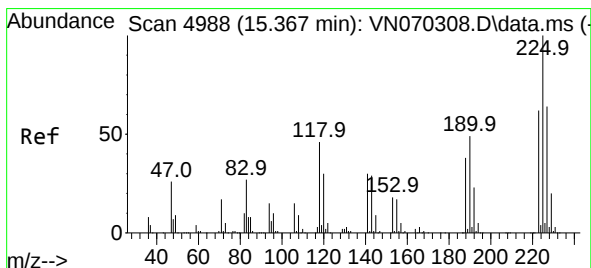
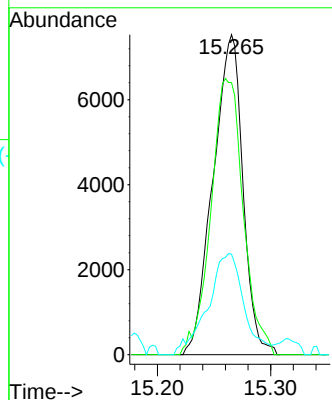
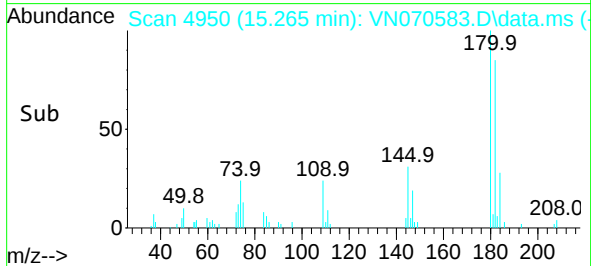


#93
 1,2,4-Trichlorobenzene
 Concen: 1.544 ug/l
 RT: 15.265 min Scan# 4949
 Delta R.T. 0.002 min
 Lab File: VN070583.D
 Acq: 12 Jan 2022 13:54

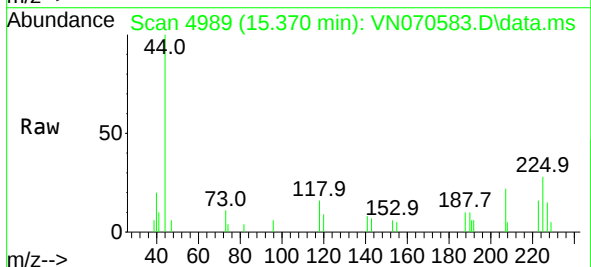
Instrument :
 MSVOA_N
 ClientSampleId :



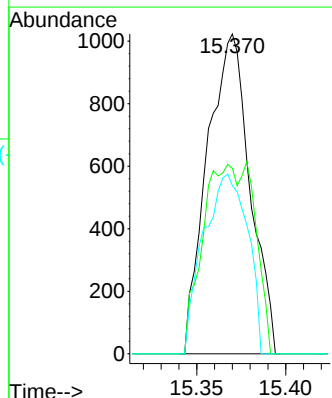
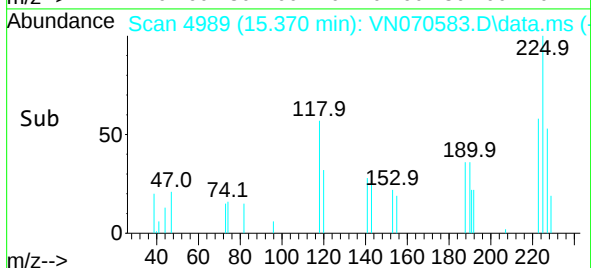
Tgt Ion:180 Resp: 13776
 Ion Ratio Lower Upper
 180 100
 182 93.4 48.3 144.9
 145 38.1 14.5 43.5

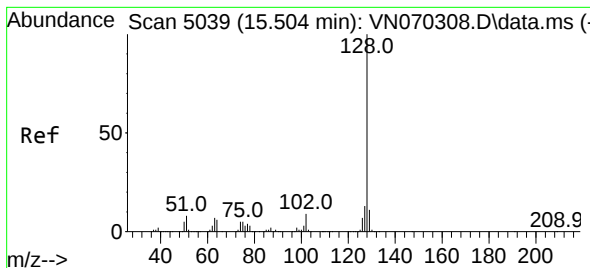


#94
 Hexachlorobutadiene
 Concen: 0.329 ug/l
 RT: 15.370 min Scan# 4989
 Delta R.T. 0.003 min
 Lab File: VN070583.D
 Acq: 12 Jan 2022 13:54



Tgt Ion:225 Resp: 1707
 Ion Ratio Lower Upper
 225 100
 223 48.0 31.9 95.7
 227 58.1 32.1 96.3





#95

Naphthalene

Concen: 8.359 ug/l

RT: 15.504 min Scan# 5039

Delta R.T. 0.000 min

Lab File: VN070583.D

Acq: 12 Jan 2022 13:54

Instrument :

MSVOA_N

ClientSampleId :

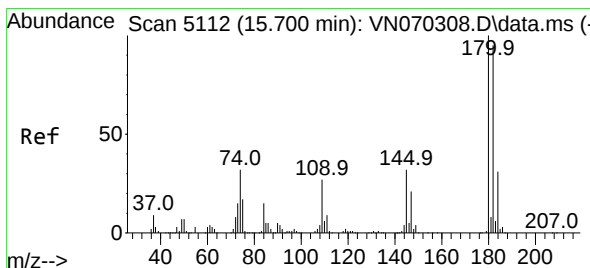
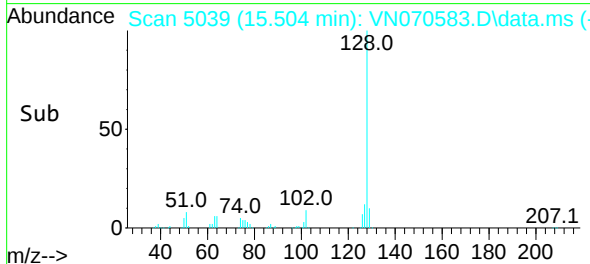
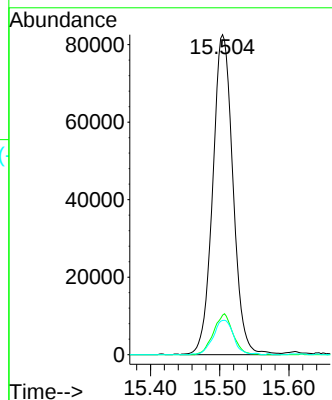
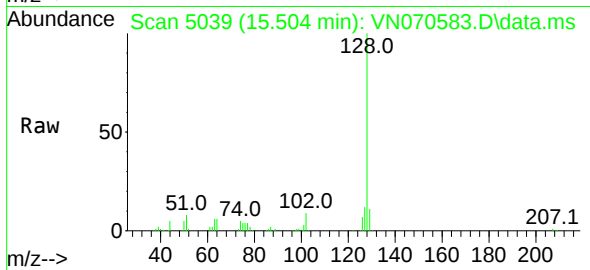
Tgt Ion:128 Resp: 167835

Ion Ratio Lower Upper

128 100

127 12.2 10.5 15.7

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 2.563 ug/l

RT: 15.697 min Scan# 5111

Delta R.T. -0.003 min

Lab File: VN070583.D

Acq: 12 Jan 2022 13:54

Tgt Ion:180 Resp: 15074

Ion Ratio Lower Upper

180 100

182 96.8 47.4 142.2

145 36.8 15.0 45.1

