

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122121\
 Data File : VN070267.D
 Acq On : 21 Dec 2021 15:02
 Operator : JC/MD
 Sample : M5039-02DL 20X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 20:11:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	927998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1548057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1389513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	558992	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	712418	49.721	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.440%
35) Dibromofluoromethane	8.021	113	470535	48.525	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.060%
50) Toluene-d8	10.440	98	1858390	47.730	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.460%
62) 4-Bromofluorobenzene	12.731	95	671483	47.604	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.200%

Target Compounds					Qvalue	
11) Tert butyl alcohol	5.377	59	314009	115.939	ug/l	99
13) Acrolein	3.988	56	26280	11.394	ug/l #	1
14) Allyl chloride	4.953	41	20428	1.026	ug/l #	1
15) Acrylonitrile	5.624	53	13963	1.913	ug/l #	18
16) Acetone	4.291	43	48414	5.617	ug/l #	88
18) Methyl Acetate	5.082	43	117786	4.527	ug/l #	51
19) Methyl tert-butyl Ether	5.618	73	751429	21.863	ug/l #	62
20) Methylene Chloride	5.095	84	5695	0.497	ug/l	90
22) Diisopropyl ether	6.501	45	41804	1.074	ug/l	88
23) Vinyl Acetate	6.482	43	31694	1.001	ug/l #	72
24) 1,1-Dichloroethane	6.466	63	4220	0.209	ug/l #	83
25) 2-Butanone	7.340	43	14819	1.265	ug/l	90
29) Tetrahydrofuran	7.683	42	1804	0.254	ug/l #	39
30) Chloroform	8.094	83	6322	0.310	ug/l	89
31) Cyclohexane	8.094	56	162368	8.143	ug/l #	84
36) 1,1-Dichloropropene	8.086	75	78211	5.307	ug/l #	43
37) Ethyl Acetate	7.340	43	14819	0.676	ug/l #	70
38) Carbon Tetrachloride	8.086	117	94262	6.523	ug/l #	17
39) Methylcyclohexane	9.461	83	62454	3.563	ug/l	88
40) Benzene	8.461	78	2670596	59.287	ug/l	99
41) Methacrylonitrile	7.772	41	4590	0.446	ug/l #	40
42) 1,2-Dichloroethane	8.456	62	26160	1.439	ug/l	87
43) Isopropyl Acetate	8.533	43	118804	3.660	ug/l #	55
48) Methyl methacrylate	9.638	41	8373	0.553	ug/l #	74
52) Toluene	10.505	92	930393	33.831	ug/l	98
53) t-1,3-Dichloropropene	10.502	75	12267	3.435	ug/l #	1
54) cis-1,3-Dichloropropene	10.191	75	215	2.010	ug/l #	1
55) 1,1,2-Trichloroethane	10.875	97	5229	0.471	ug/l #	20
56) Ethyl methacrylate	10.773	69	844	2.318	ug/l #	12
58) 2-Chloroethyl Vinyl ether	10.033	63	395	18.454	ug/l #	85
59) 2-Hexanone	11.213	43	12460	0.782	ug/l	78
60) Dibromochloromethane	10.977	129	423	2.410	ug/l #	11
67) Ethyl Benzene	11.843	91	6987210	136.456	ug/l	96
68) m/p-Xylenes	11.950	106	6695460	359.120	ug/l	93
69) o-Xylene	12.280	106	1165882	62.082	ug/l	91
70) Styrene	12.280	104	60607	2.035	ug/l #	1

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

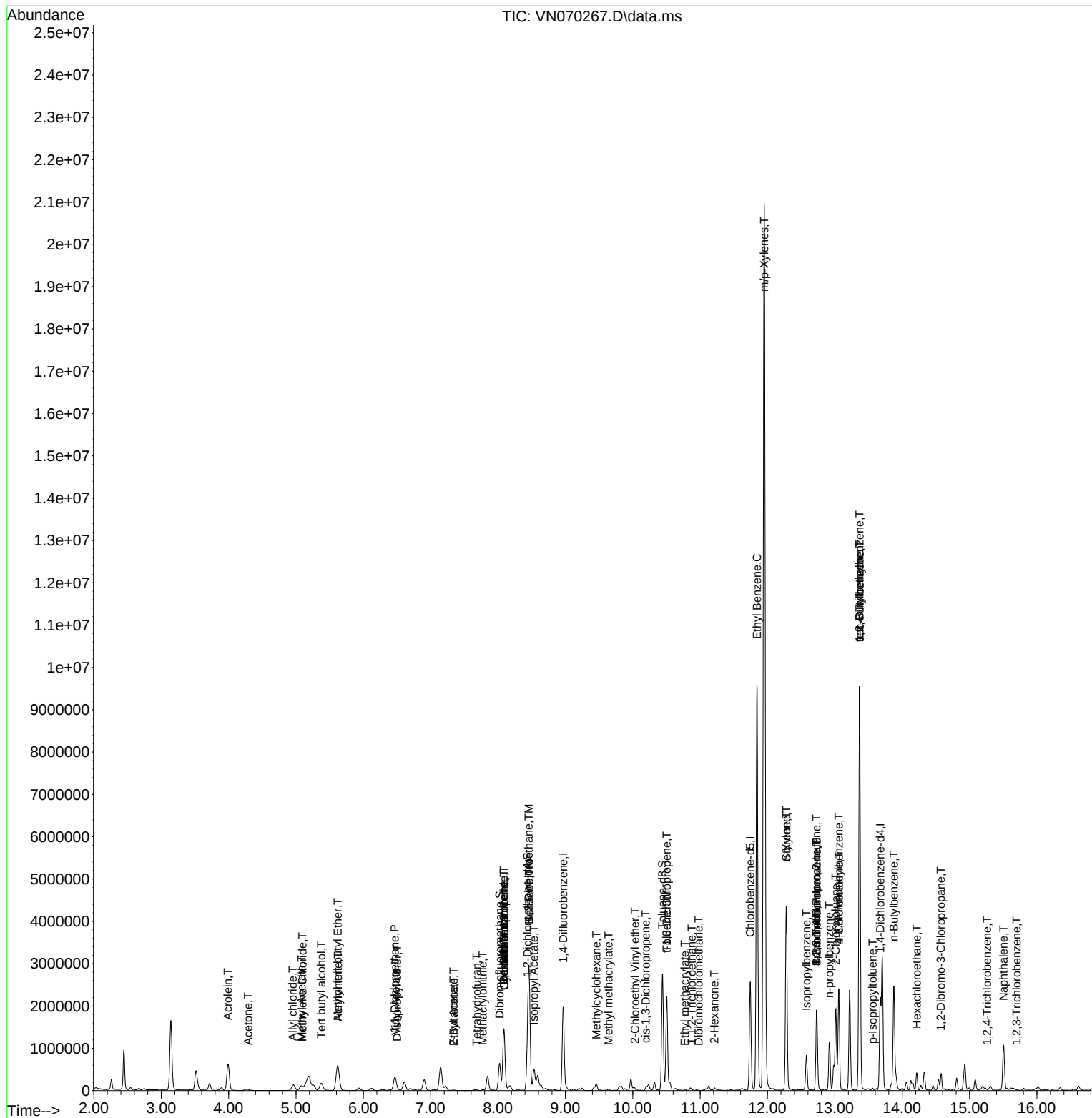
71) Bromoform	12.728	173	2619	3.023	ug/l #	1	
73) Isopropylbenzene	12.578	105	536282	10.783	ug/l	99	
76) 1,2,3-Trichloropropane	12.728	75	366018	22.832	ug/l #	1	
78) n-propylbenzene	12.919	91	932930	16.857	ug/l	95	
79) 2-Chlorotoluene	13.012	91	154229	4.410	ug/l #	39	
80) 1,3,5-Trimethylbenzene	13.058	105	1308832	32.696	ug/l	98	
81) trans-1,4-Dichloro-2-b...	12.728	75	366018	72.719	ug/l #	5	
82) 4-Chlorotoluene	13.058	91	147958	4.499	ug/l #	38	
83) tert-Butylbenzene	13.366	119	659077	18.594	ug/l #	60	
84) 1,2,4-Trimethylbenzene	13.366	105	5414627	142.029	ug/l	98	
85) sec-Butylbenzene	13.366	105	5414627	112.619	ug/l #	56	
86) p-Isopropyltoluene	13.560	119	24279	0.646	ug/l #	78	
89) n-Butylbenzene	13.876	91	273940	8.986	ug/l #	44	
90) Hexachloroethane	14.217	117	19782	2.998	ug/l #	6	
92) 1,2-Dibromo-3-Chloropr...	14.573	75	1764	0.568	ug/l #	1	
93) 1,2,4-Trichlorobenzene	15.260	180	1159	2.997	ug/l #	55	
95) Naphthalene	15.504	128	965460	36.510	ug/l	100	
96) 1,2,3-Trichlorobenzene	15.700	180	1428	2.588	ug/l #	52	

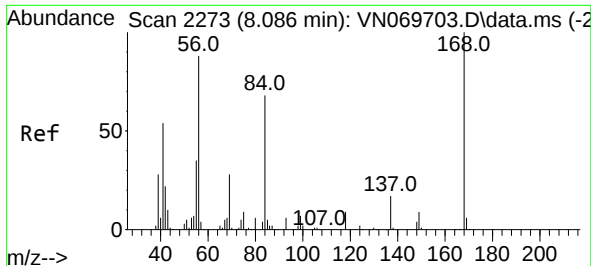
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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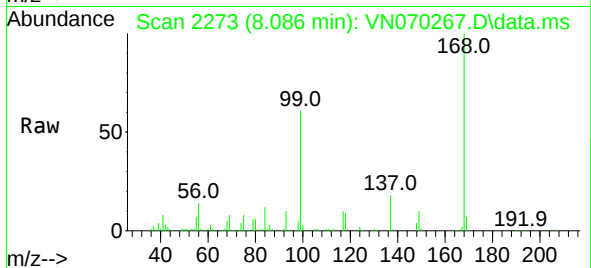
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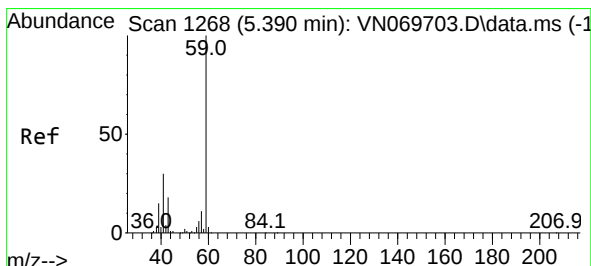
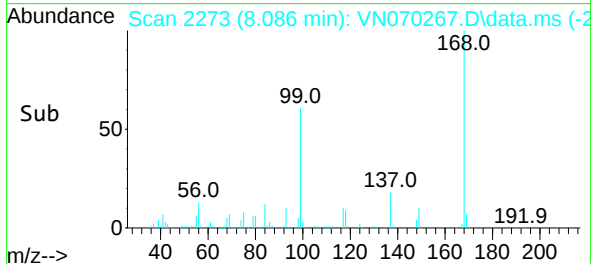
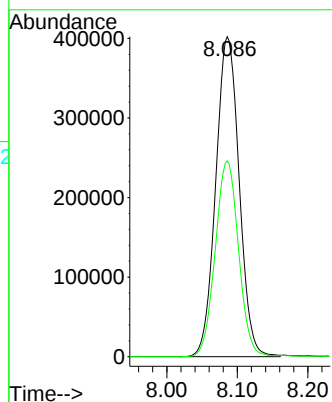


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070267.D
Acq: 21 Dec 2021 15:02

Instrument :
MSVOA_N
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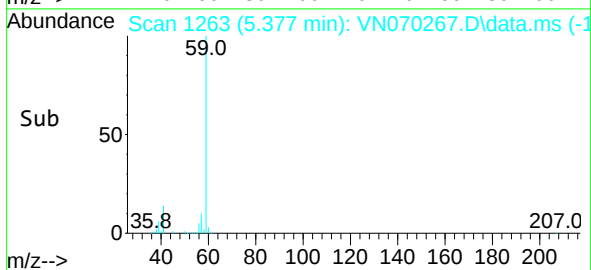
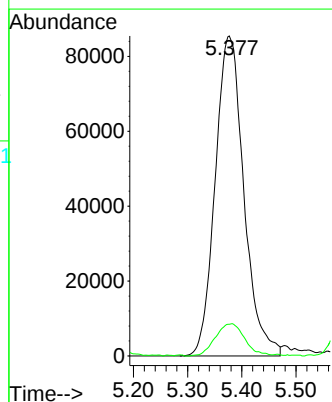
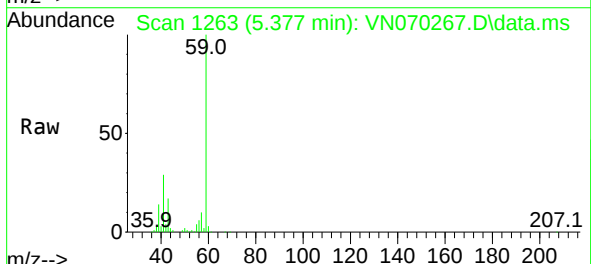


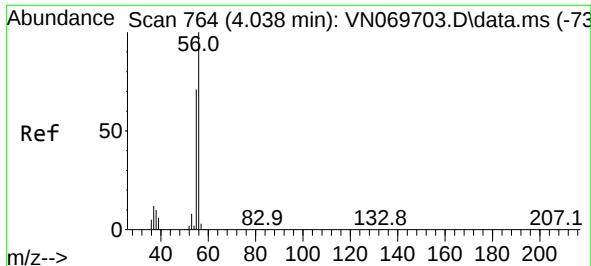
Tgt Ion:168 Resp: 927998
Ion Ratio Lower Upper
168 100
99 61.2 41.3 61.9



#11
Tert butyl alcohol
Concen: 115.939 ug/l
RT: 5.377 min Scan# 1263
Delta R.T. -0.013 min
Lab File: VN070267.D
Acq: 21 Dec 2021 15:02

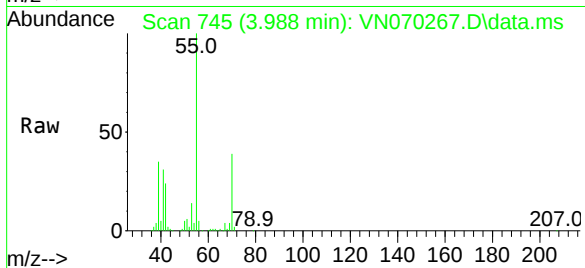
Tgt Ion: 59 Resp: 314009
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1



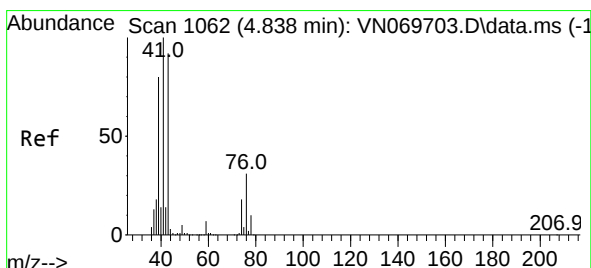
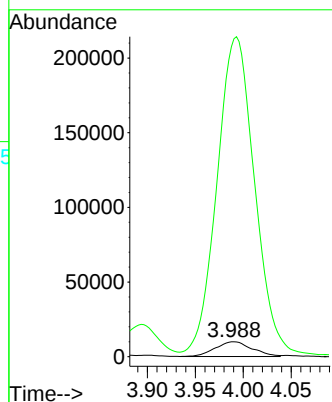
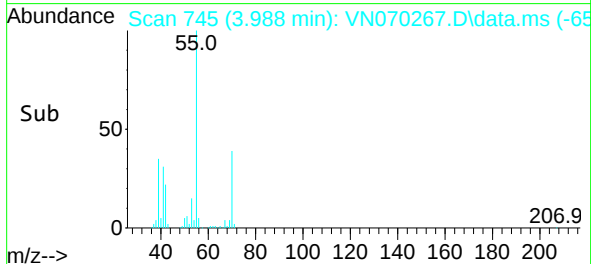


#13
Acrolein
Concen: 11.394 ug/l
RT: 3.988 min Scan# 74
Delta R.T. -0.051 min
Lab File: VN070267.D
Acq: 21 Dec 2021 15:02

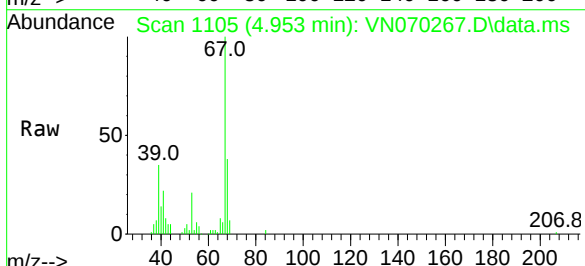
Instrument :
MSVOA_N
ClientSampleId :



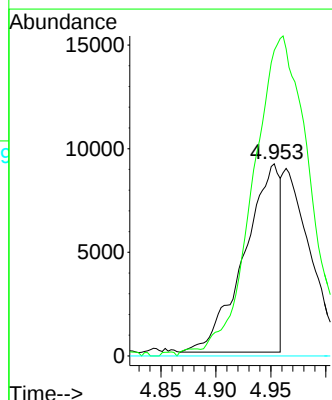
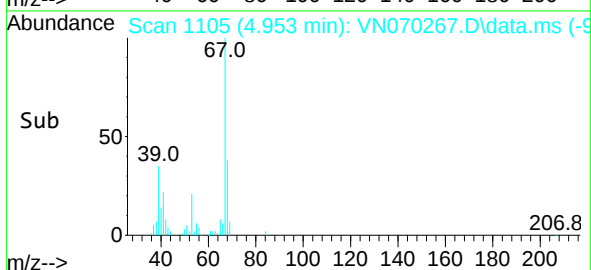
Tgt Ion: 56 Resp: 26280
Ion Ratio Lower Upper
56 100
55 2228.2 56.6 85.0#

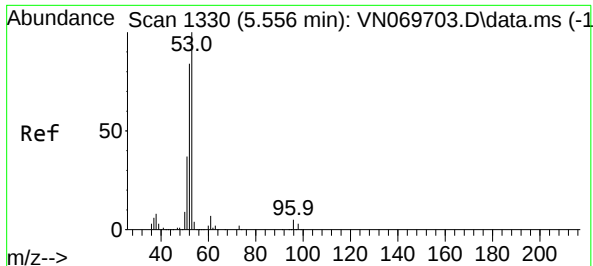


#14
Allyl chloride
Concen: 1.026 ug/l
RT: 4.953 min Scan# 1105
Delta R.T. 0.115 min
Lab File: VN070267.D
Acq: 21 Dec 2021 15:02



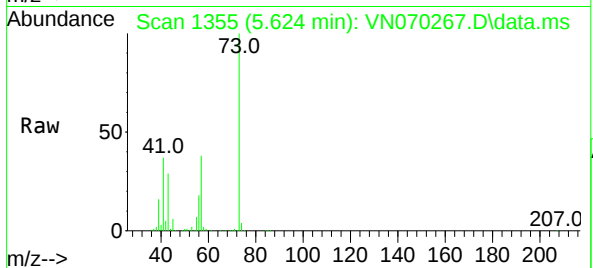
Tgt Ion: 41 Resp: 20428
Ion Ratio Lower Upper
41 100
39 257.4 61.2 91.8#
76 0.0 26.0 39.0#



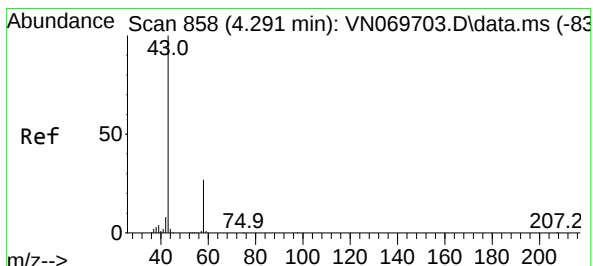
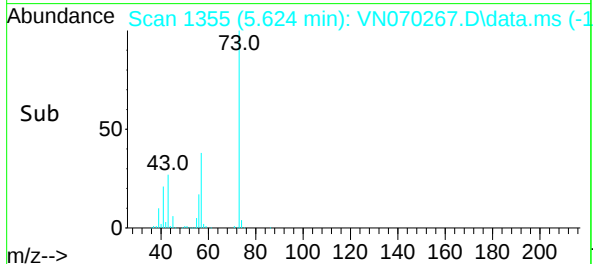
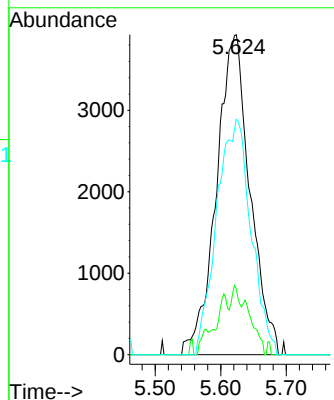


#15
Acrylonitrile
Concen: 1.913 ug/l
RT: 5.624 min Scan# 1330
Delta R.T. 0.067 min
Lab File: VN070267.D
Acq: 21 Dec 2021 15:02

Instrument :
MSVOA_N
ClientSampleId :

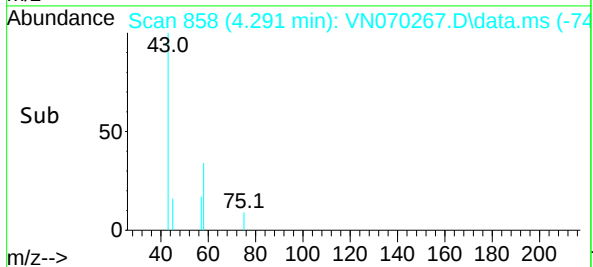
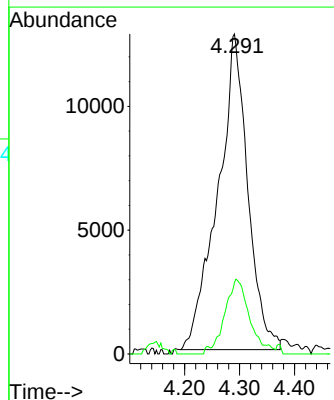
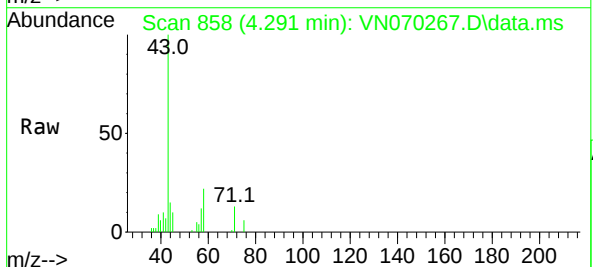


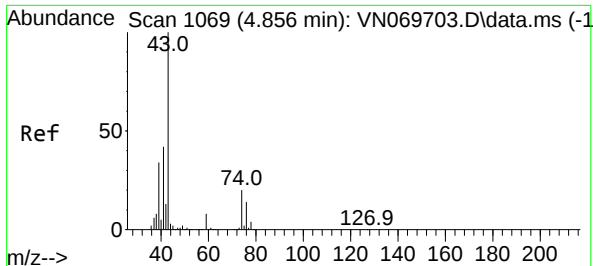
Tgt Ion: 53 Resp: 13963
Ion Ratio Lower Upper
53 100
52 1.6 66.2 99.2#
51 75.1 29.6 44.4#



#16
Acetone
Concen: 5.617 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN070267.D
Acq: 21 Dec 2021 15:02

Tgt Ion: 43 Resp: 48414
Ion Ratio Lower Upper
43 100
58 22.6 23.1 34.7#





#18

Methyl Acetate

Concen: 4.527 ug/l

RT: 5.082 min Scan# 1153

Delta R.T. 0.225 min

Lab File: VN070267.D

Acq: 21 Dec 2021 15:02

Instrument :

MSVOA_N

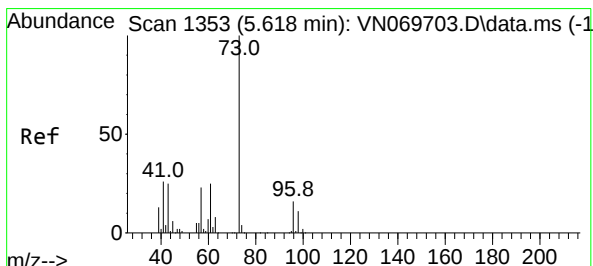
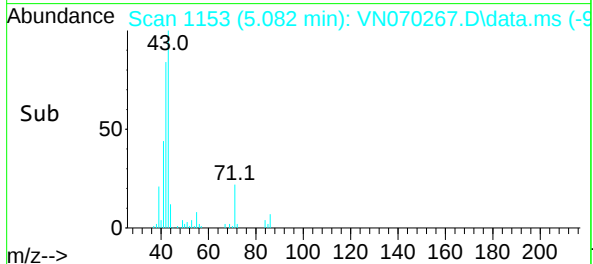
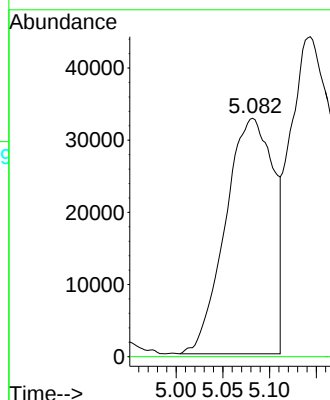
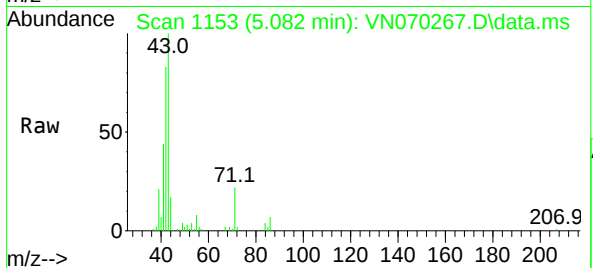
ClientSampleId :

Tgt Ion: 43 Resp: 117786

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.2#



#19

Methyl tert-butyl Ether

Concen: 21.863 ug/l

RT: 5.618 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VN070267.D

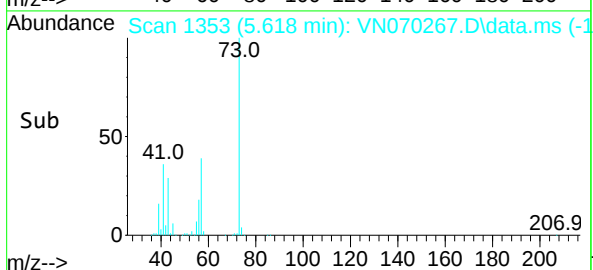
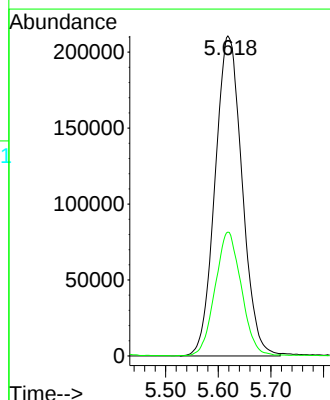
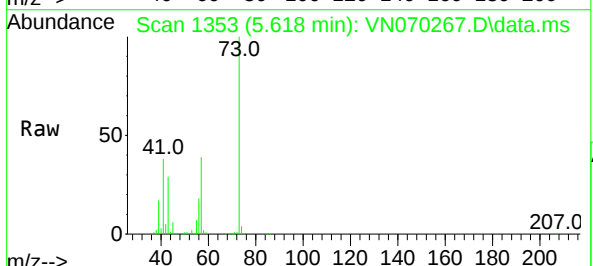
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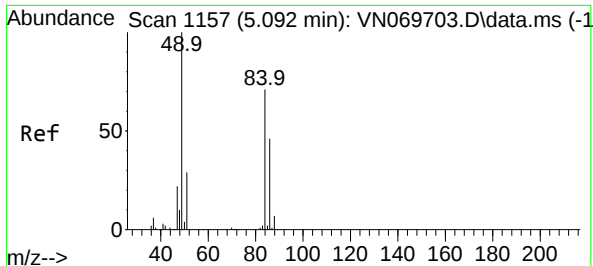
Tgt Ion: 73 Resp: 751429

Ion Ratio Lower Upper

73 100

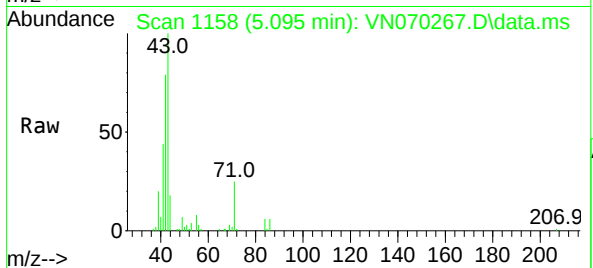
57 38.6 16.8 25.2#



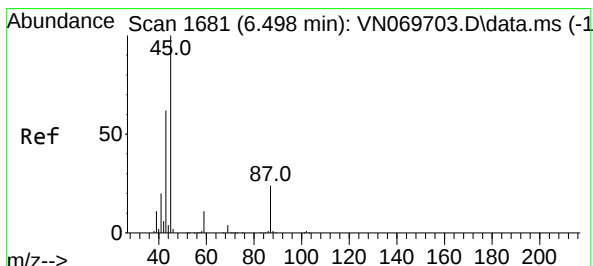
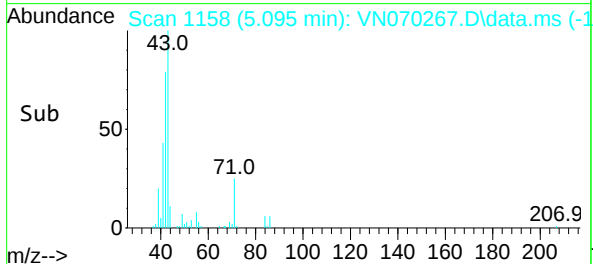
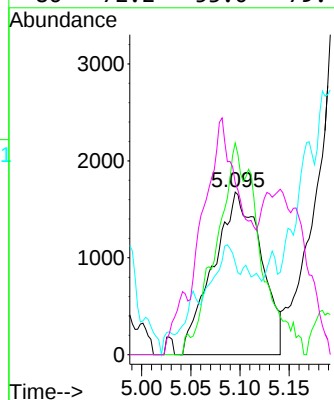


#20
Methylene Chloride
Concen: 0.497 ug/l
RT: 5.095 min Scan# 1157
Delta R.T. 0.003 min
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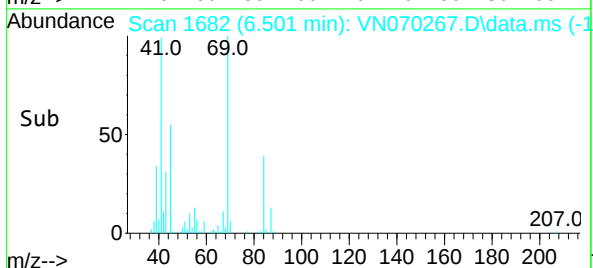
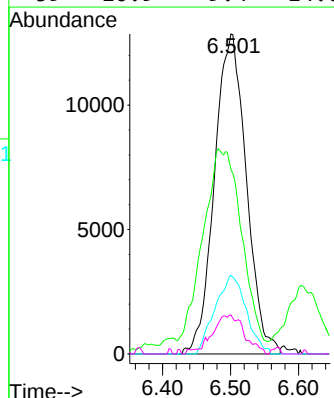
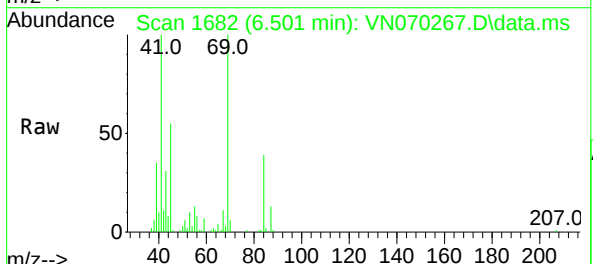


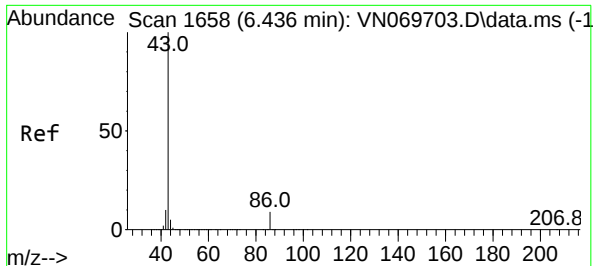
Tgt Ion: 84	Resp: 5695
Ion Ratio	Lower Upper
84 100	
49 130.3	93.5 140.3
51 40.8	29.4 44.2
86 72.2	53.0 79.4



#22
Diisopropyl ether
Concen: 1.074 ug/l
RT: 6.501 min Scan# 1682
Delta R.T. 0.003 min
Lab File: VN070267.D
Acq: 21 Dec 2021 15:02

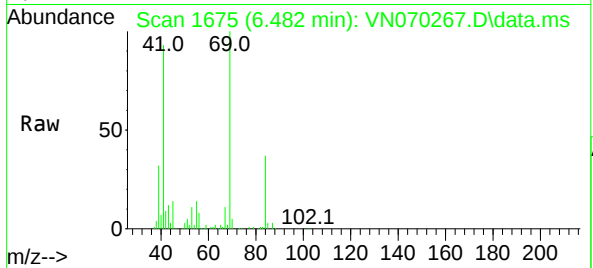
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Ion Ratio	Lower Upper
45 100	
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87 24.6	23.2 34.8
59 10.9	9.4 14.0



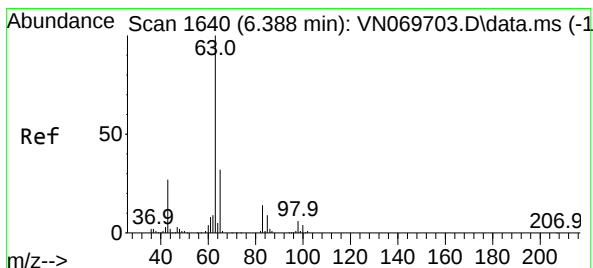
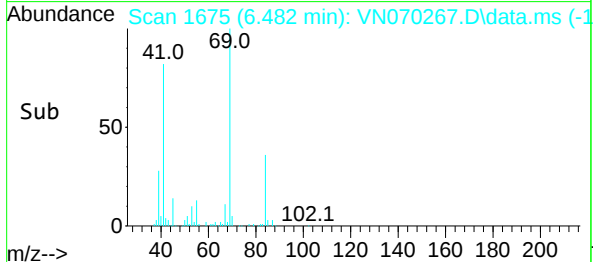
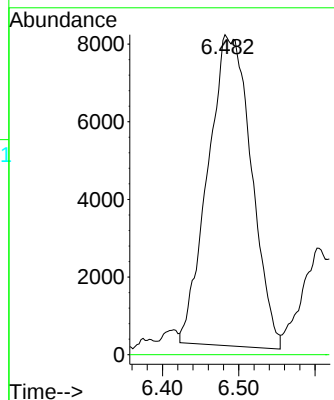


#23
 Vinyl Acetate
 Concen: 1.001 ug/l
 RT: 6.482 min Scan# 1675
 Delta R.T. 0.046 min
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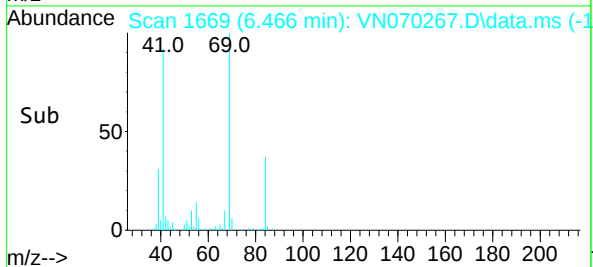
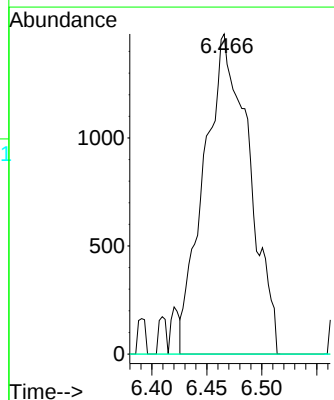
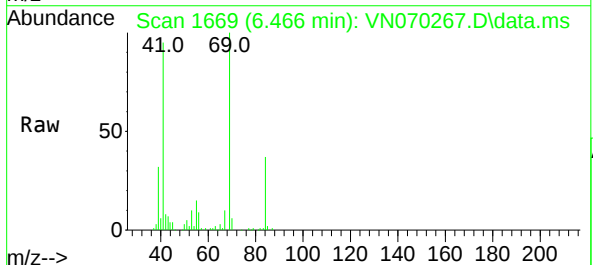


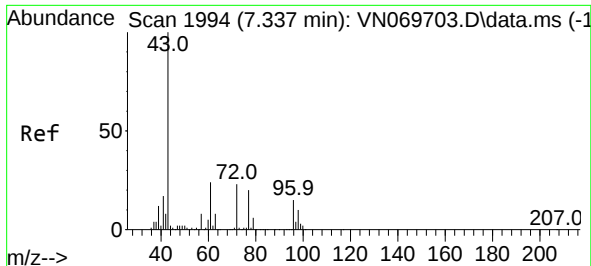
Tgt Ion: 43 Resp: 31694
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.5 12.7#



#24
 1,1-Dichloroethane
 Concen: 0.209 ug/l
 RT: 6.466 min Scan# 1669
 Delta R.T. 0.078 min
 Lab File: VN070267.D
 Acq: 21 Dec 2021 15:02

Tgt Ion: 63 Resp: 4220
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.9#
 100 0.0 2.1 6.5#





#25

2-Butanone

Concen: 1.265 ug/l

RT: 7.340 min Scan# 1994

Delta R.T. 0.003 min

Lab File: VN070267.D

Acq: 21 Dec 2021 15:02

Instrument :

MSVOA_N

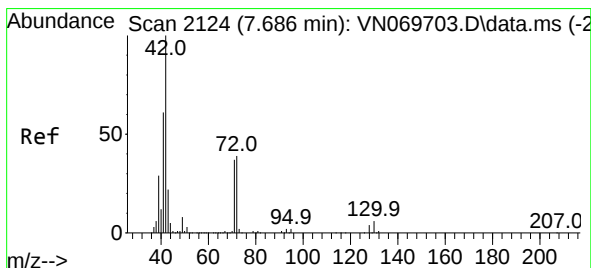
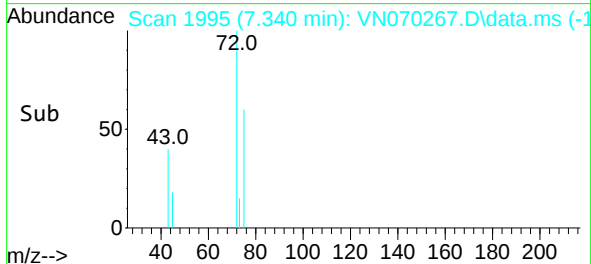
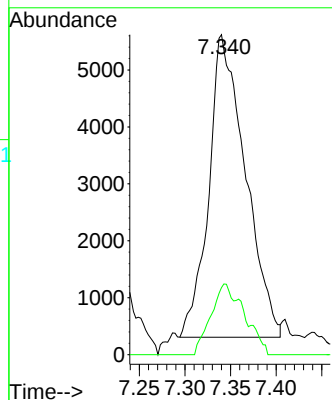
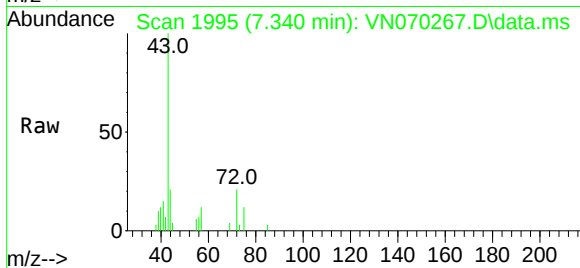
ClientSampleId :

Tgt Ion: 43 Resp: 14819

Ion Ratio Lower Upper

43 100

72 22.2 21.7 32.5



#29

Tetrahydrofuran

Concen: 0.254 ug/l

RT: 7.683 min Scan# 2123

Delta R.T. -0.003 min

Lab File: VN070267.D

Acq: 21 Dec 2021 15:02

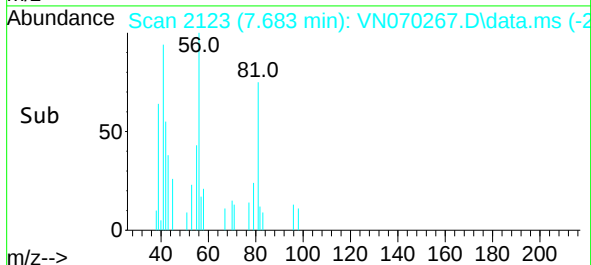
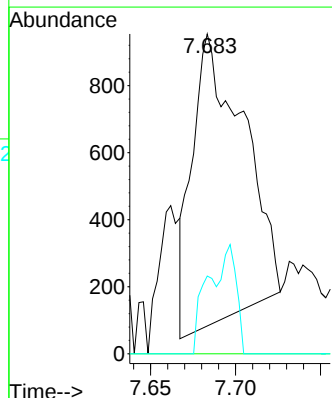
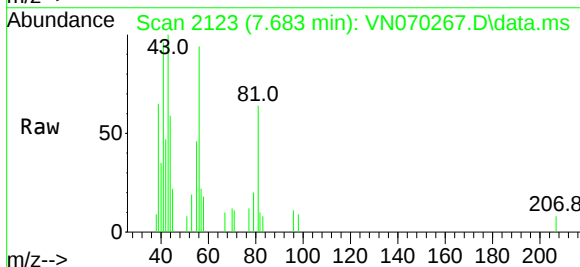
Tgt Ion: 42 Resp: 1804

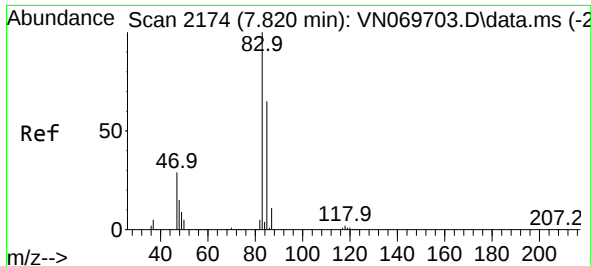
Ion Ratio Lower Upper

42 100

72 0.0 36.3 54.5#

71 9.2 34.7 52.1#





#30

Chloroform

Concen: 0.310 ug/l

RT: 8.094 min Scan# 2174

Delta R.T. 0.274 min

Lab File: VN070267.D

Acq: 21 Dec 2021 15:02

Instrument :

MSVOA_N

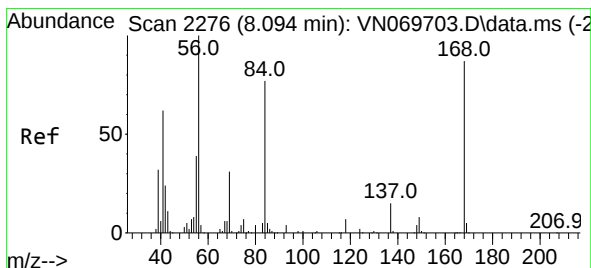
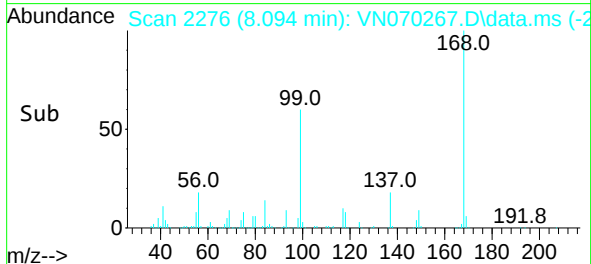
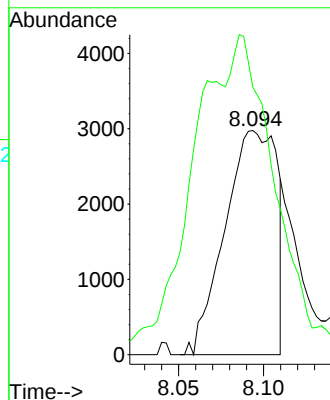
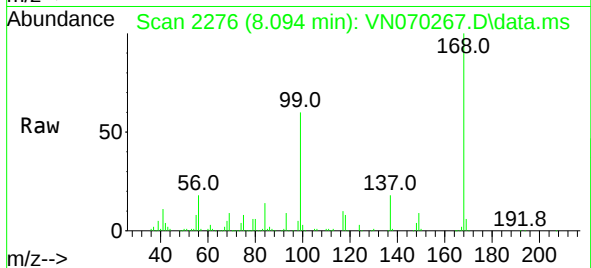
ClientSampleId :

Tgt Ion: 83 Resp: 6322

Ion Ratio Lower Upper

83 100

85 73.9 51.9 77.9



#31

Cyclohexane

Concen: 8.143 ug/l

RT: 8.094 min Scan# 2276

Delta R.T. 0.000 min

Lab File: VN070267.D

Acq: 21 Dec 2021 15:02

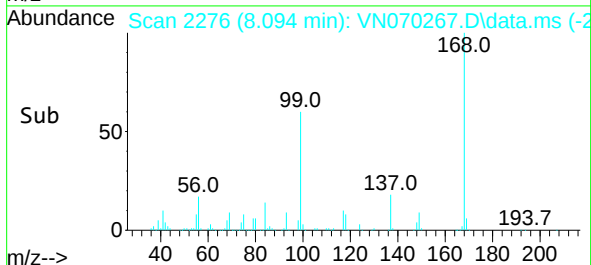
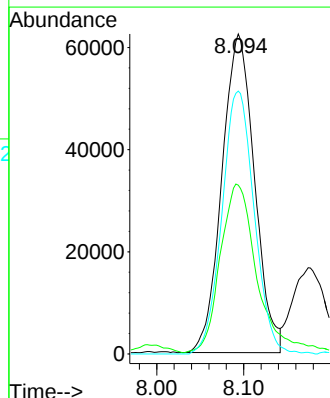
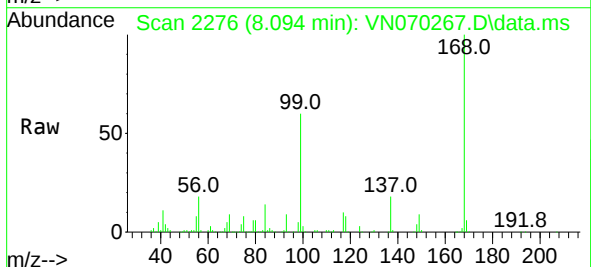
Tgt Ion: 56 Resp: 162368

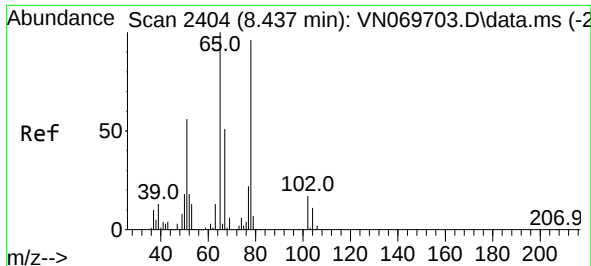
Ion Ratio Lower Upper

56 100

69 52.1 27.1 40.7#

84 82.6 73.4 110.0





#33

1,2-Dichloroethane-d4

Concen: 49.721 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070267.D

Acq: 21 Dec 2021 15:02

Instrument :

MSVOA_N

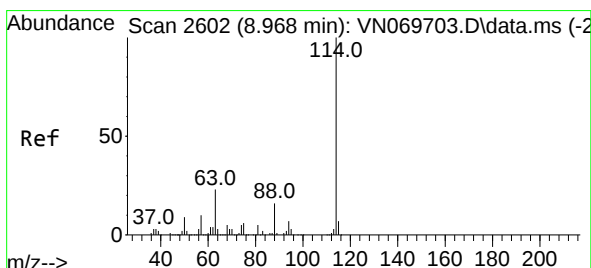
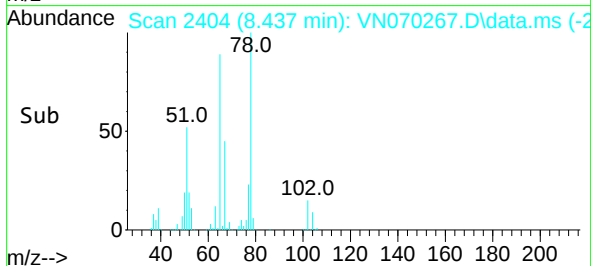
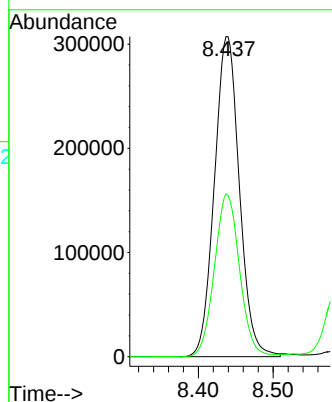
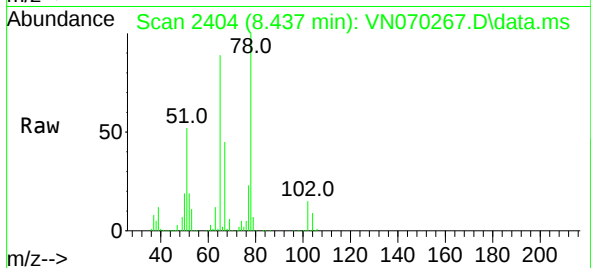
ClientSampleId :

Tgt Ion: 65 Resp: 712418

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN070267.D

Acq: 21 Dec 2021 15:02

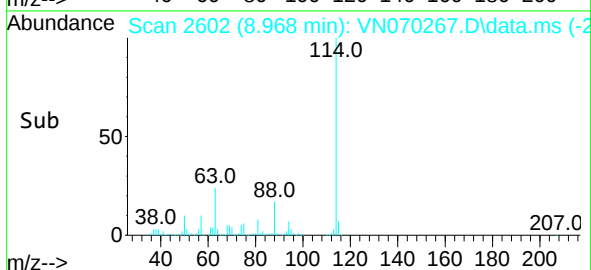
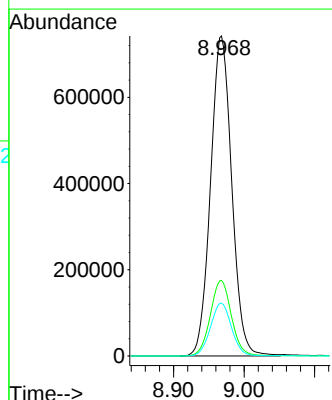
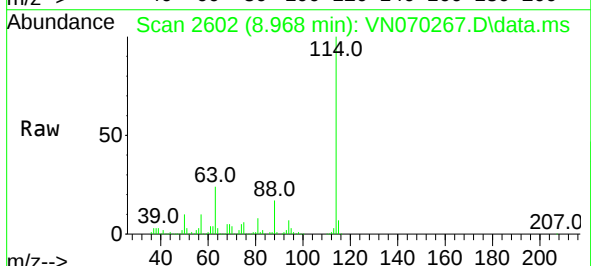
Tgt Ion: 114 Resp: 1548057

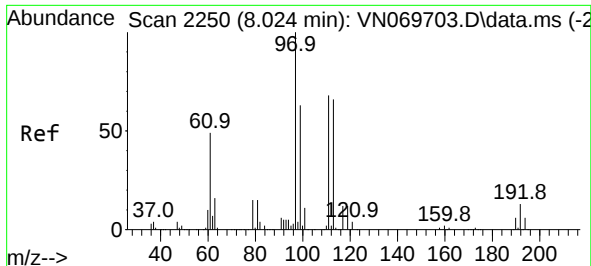
Ion Ratio Lower Upper

114 100

63 23.6 0.0 37.8

88 16.5 0.0 27.4

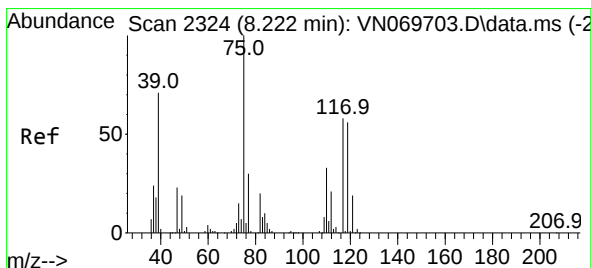
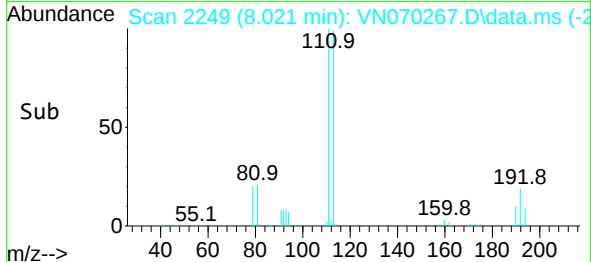
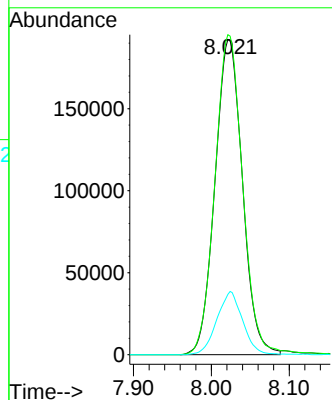
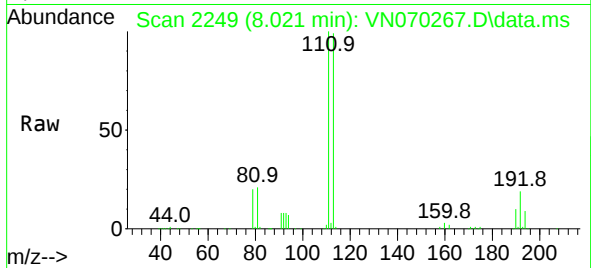




#35
 Dibromofluoromethane
 Concen: 48.525 ug/l
 RT: 8.021 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VN070267.D
 Acq: 21 Dec 2021 15:02

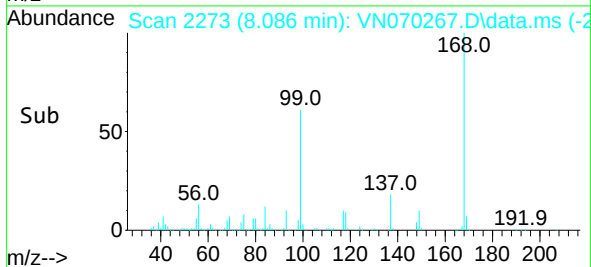
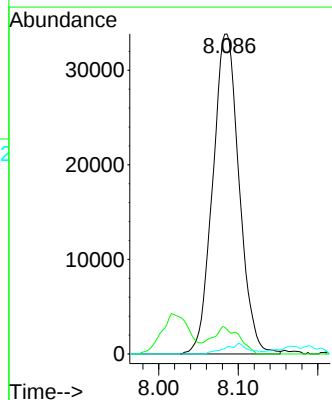
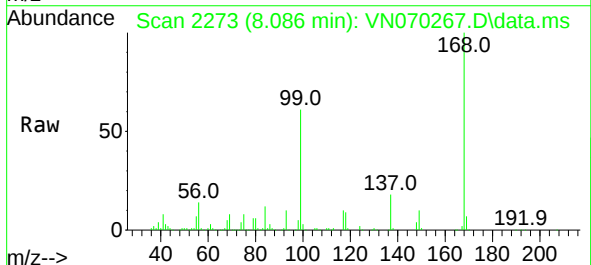
Instrument :
 MSVOA_N
 ClientSampleId :

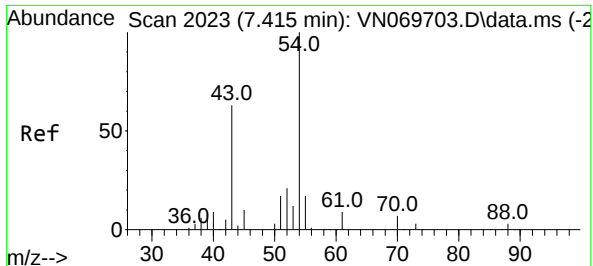
Tgt Ion:113 Resp: 470535
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.2 123.2
 192 18.8 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 5.307 ug/l
 RT: 8.086 min Scan# 2273
 Delta R.T. -0.137 min
 Lab File: VN070267.D
 Acq: 21 Dec 2021 15:02

Tgt Ion: 75 Resp: 78211
 Ion Ratio Lower Upper
 75 100
 110 2.4 18.4 55.2#
 77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 0.676 ug/l

RT: 7.340 min Scan# 1995

Delta R.T. -0.075 min

Lab File: VN070267.D

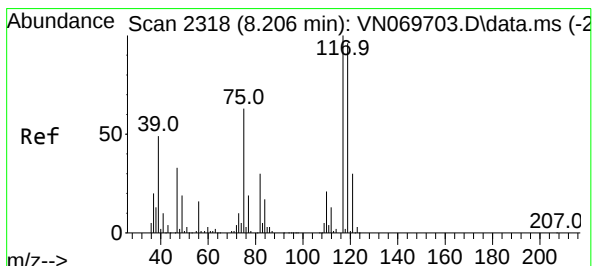
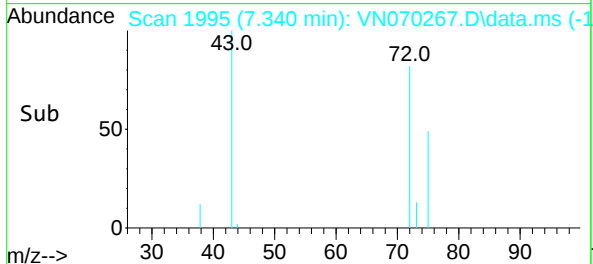
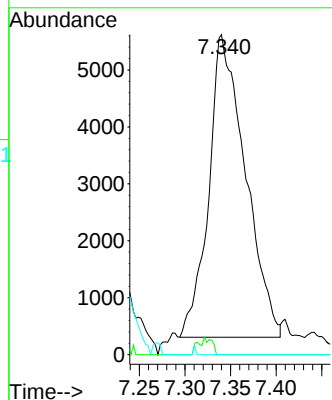
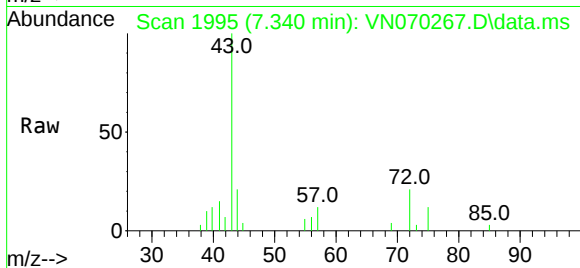
Acq: 21 Dec 2021 15:02

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	43	Resp:	14819
Ion	Ratio	Lower	Upper
43	100		
61	1.3	11.5	17.3#
70	0.0	7.9	11.9#



#38

Carbon Tetrachloride

Concen: 6.523 ug/l

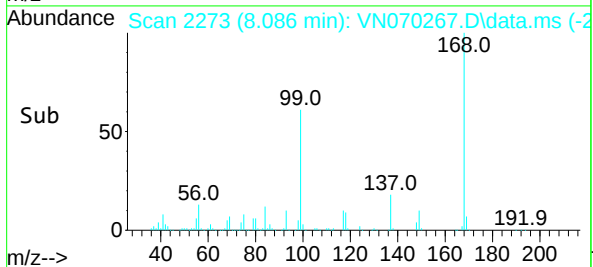
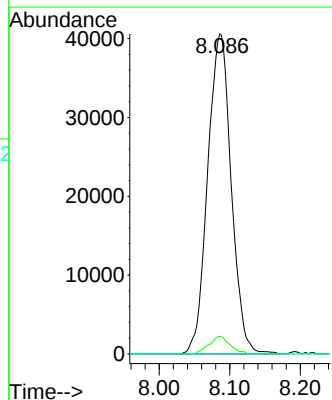
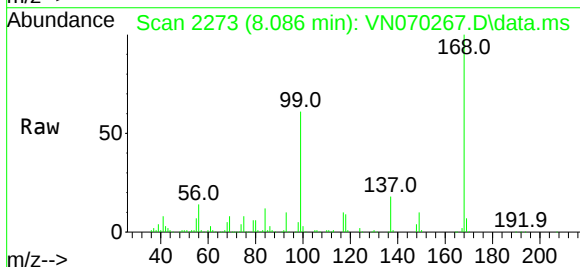
RT: 8.086 min Scan# 2273

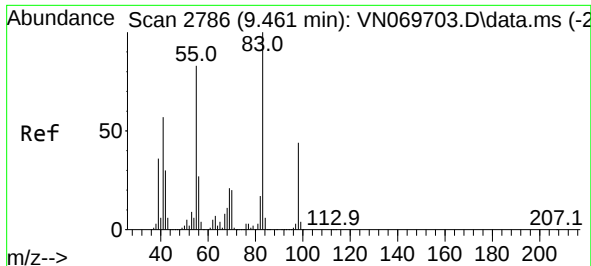
Delta R.T. -0.121 min

Lab File: VN070267.D

Acq: 21 Dec 2021 15:02

Tgt Ion:	117	Resp:	94262
Ion	Ratio	Lower	Upper
117	100		
119	5.5	76.1	114.1#
121	0.0	24.2	36.2#

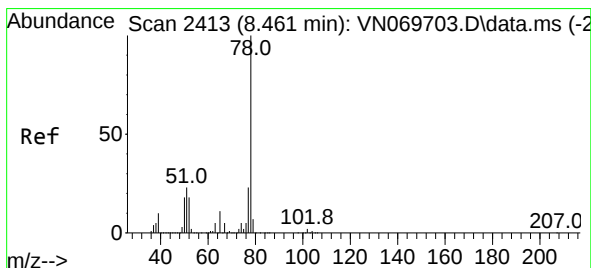
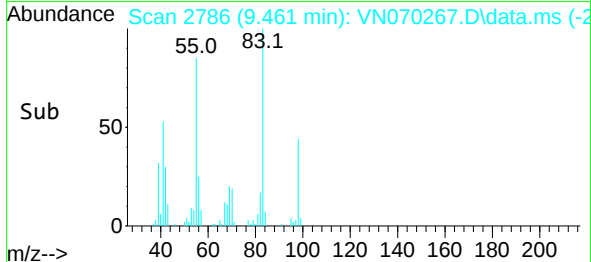
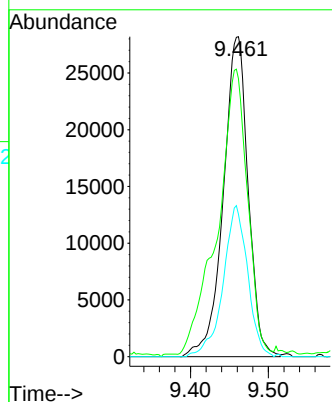
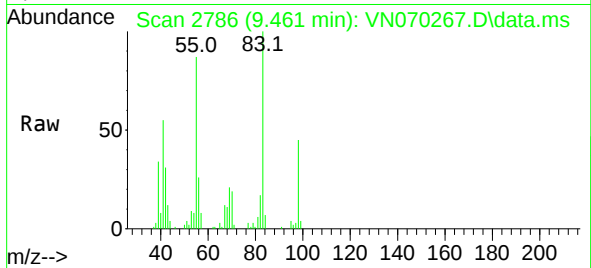




#39
Methylcyclohexane
Concen: 3.563 ug/l
RT: 9.461 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070267.D
Acq: 21 Dec 2021 15:02

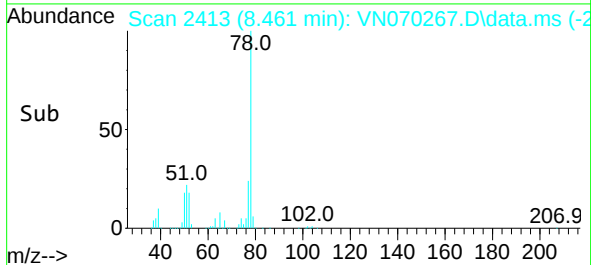
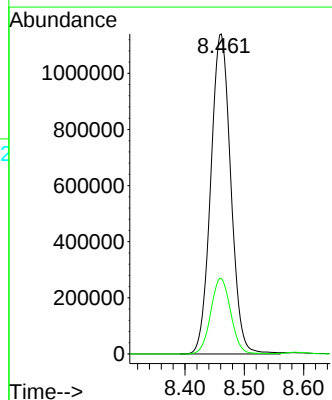
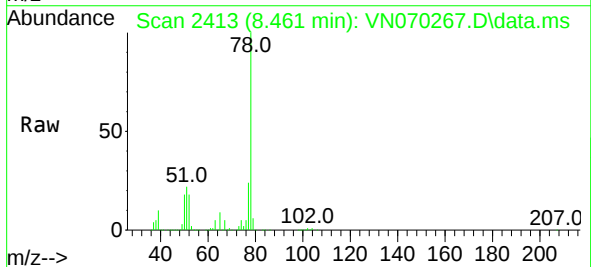
Instrument :
MSVOA_N
ClientSampleId :

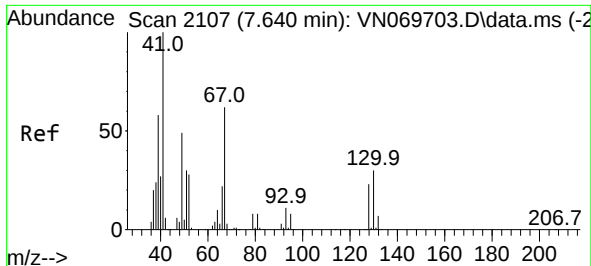
Tgt Ion: 83 Resp: 62454
Ion Ratio Lower Upper
83 100
55 85.9 58.1 87.1
98 44.5 38.4 57.6



#40
Benzene
Concen: 59.287 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN070267.D
Acq: 21 Dec 2021 15:02

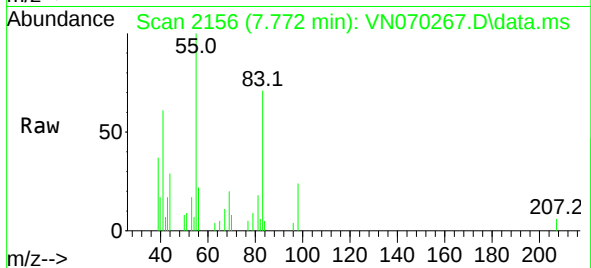
Tgt Ion: 78 Resp: 2670596
Ion Ratio Lower Upper
78 100
77 23.6 18.6 27.8



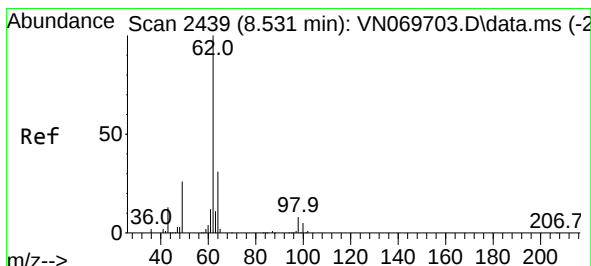
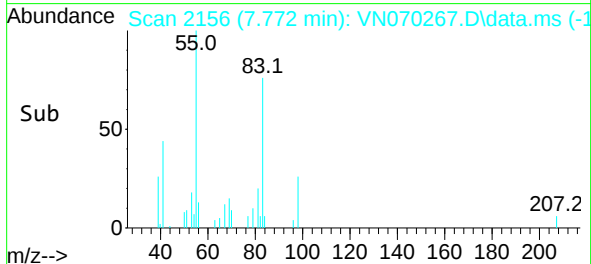
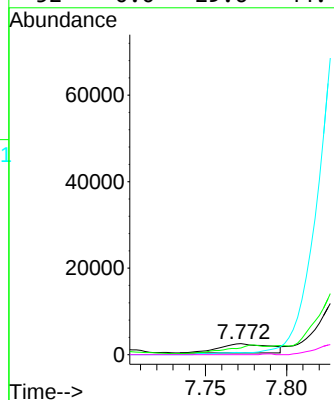


#41
Methacrylonitrile
Concen: 0.446 ug/l
RT: 7.772 min Scan# 2107
Delta R.T. 0.132 min
Lab File: VN070267.D
Acq: 21 Dec 2021 15:02

Instrument :
MSVOA_N
ClientSampleId :

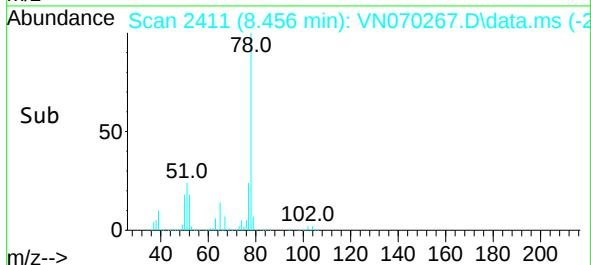
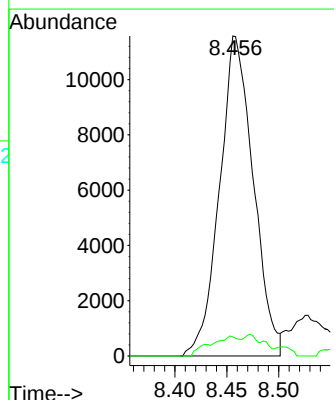
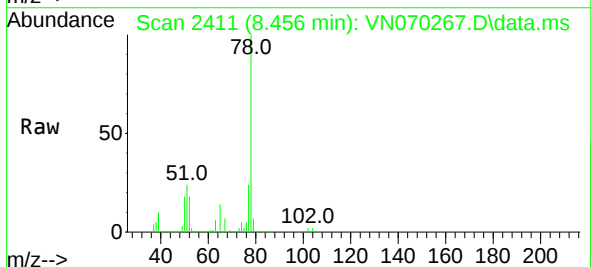


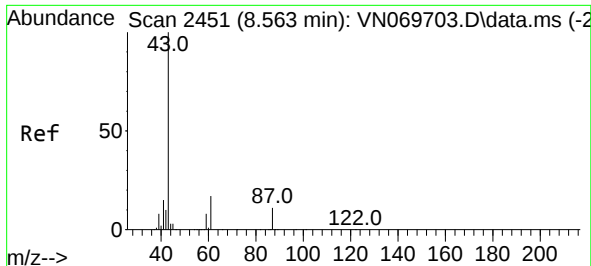
Tgt Ion: 41 Resp: 4590
Ion Ratio Lower Upper
41 100
39 69.7 48.1 72.1
67 0.0 68.3 102.5#
52 0.0 29.6 44.4#



#42
1,2-Dichloroethane
Concen: 1.439 ug/l
RT: 8.456 min Scan# 2411
Delta R.T. -0.075 min
Lab File: VN070267.D
Acq: 21 Dec 2021 15:02

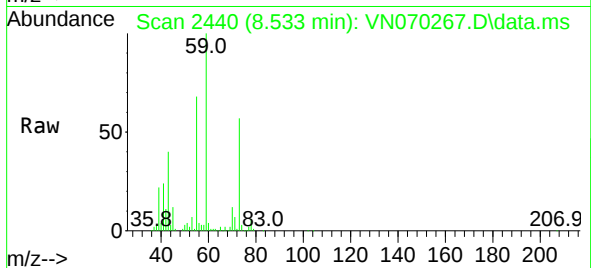
Tgt Ion: 62 Resp: 26160
Ion Ratio Lower Upper
62 100
98 4.0 0.0 17.6



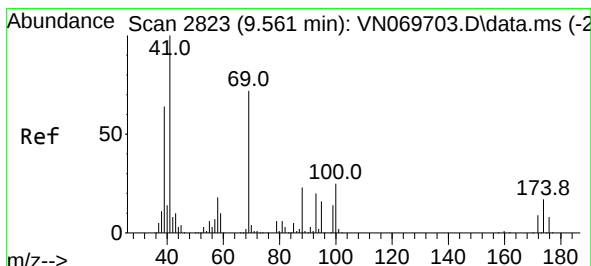
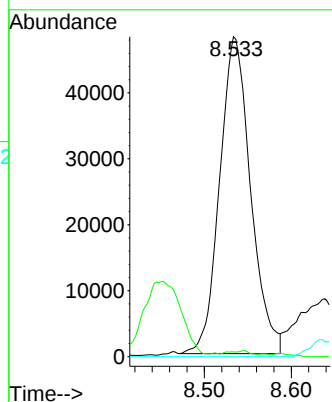
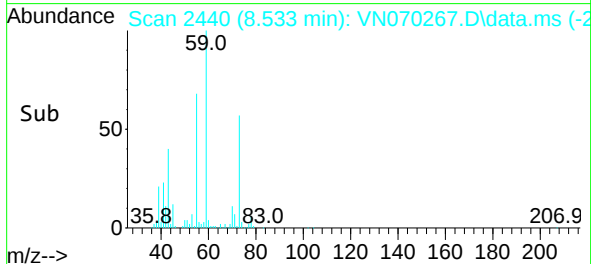


#43
Isopropyl Acetate
Concen: 3.660 ug/l
RT: 8.533 min Scan# 2451
Delta R.T. -0.029 min
Lab File: VN070267.D
Acq: 21 Dec 2021 15:02

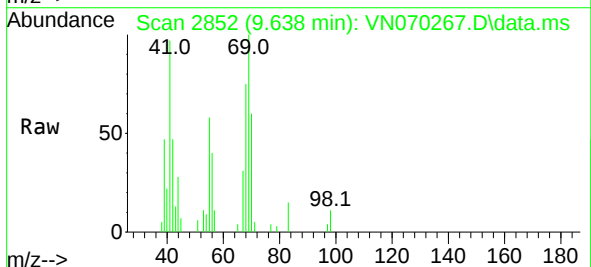
Instrument :
MSVOA_N
ClientSampleId :



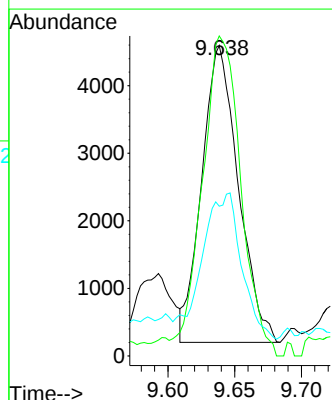
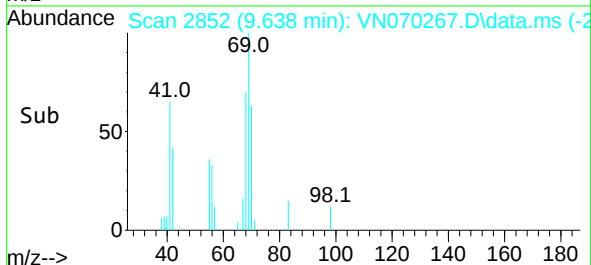
Tgt Ion: 43 Resp: 118804
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#

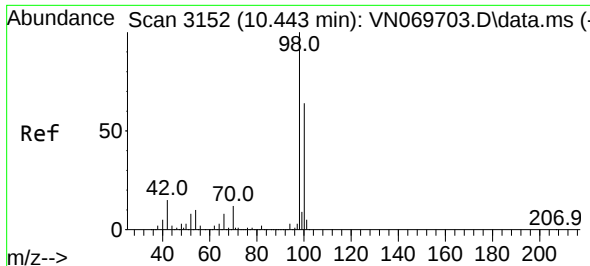


#48
Methyl methacrylate
Concen: 0.553 ug/l
RT: 9.638 min Scan# 2852
Delta R.T. 0.077 min
Lab File: VN070267.D
Acq: 21 Dec 2021 15:02



Tgt Ion: 41 Resp: 8373
Ion Ratio Lower Upper
41 100
69 114.3 72.4 108.6#
39 50.4 58.4 87.6#

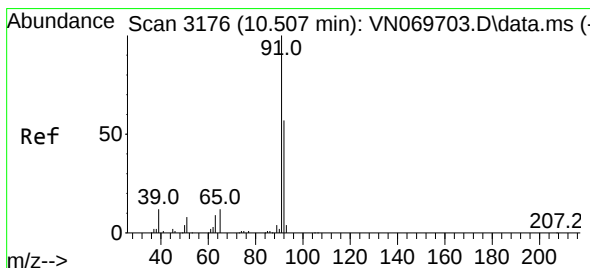
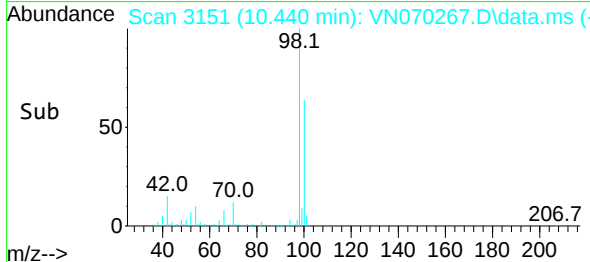
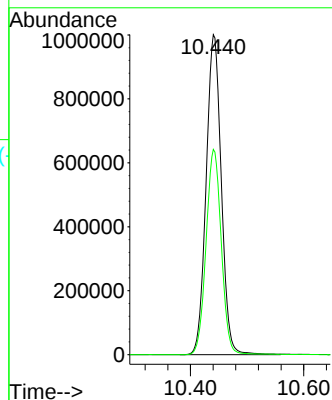
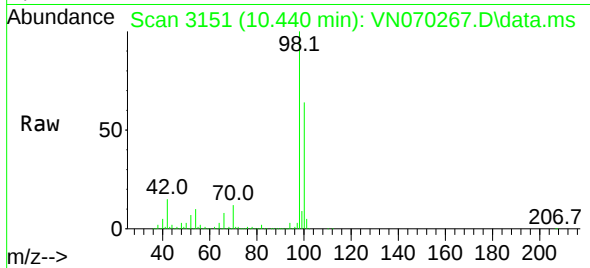




#50
Toluene-d8
Concen: 47.730 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN070267.D
Acq: 21 Dec 2021 15:02

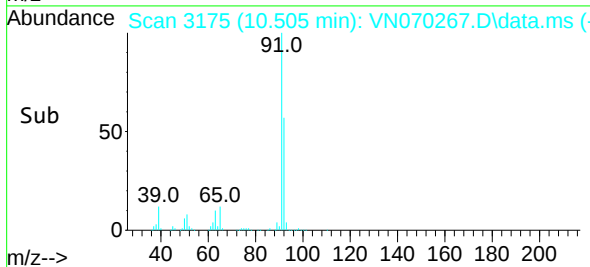
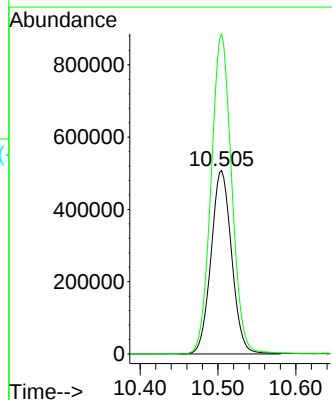
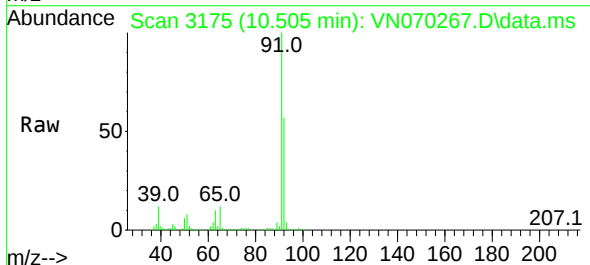
Instrument :
MSVOA_N
ClientSampleId :

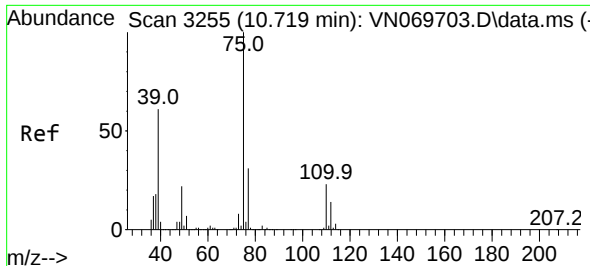
Tgt Ion: 98 Resp: 1858390
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6



#52
Toluene
Concen: 33.831 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070267.D
Acq: 21 Dec 2021 15:02

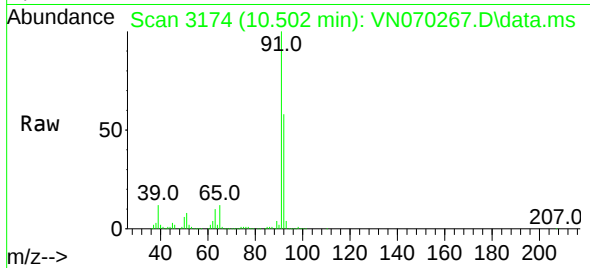
Tgt Ion: 92 Resp: 930393
Ion Ratio Lower Upper
92 100
91 174.8 142.0 213.0



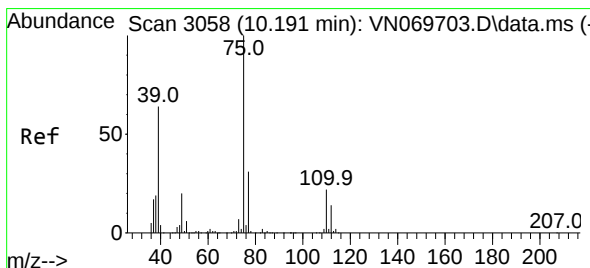
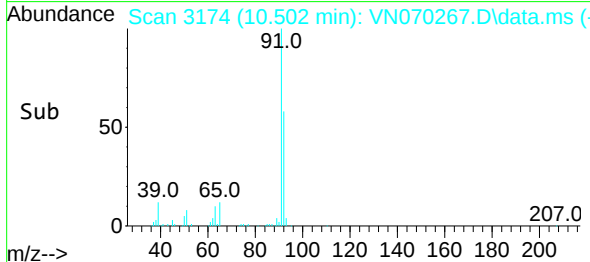
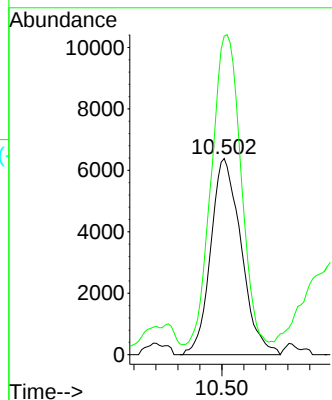


#53
t-1,3-Dichloropropene
Concen: 3.435 ug/l
RT: 10.502 min Scan# 3174
Delta R.T. -0.217 min
Lab File: VN070267.D
Acq: 21 Dec 2021 15:02

Instrument :
MSVOA_N
ClientSampleId :

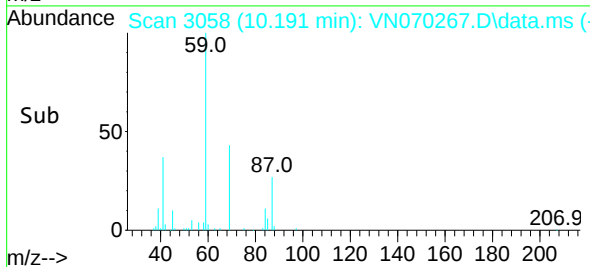
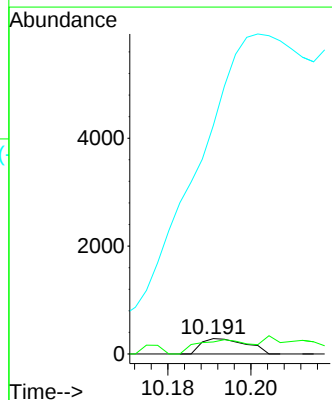
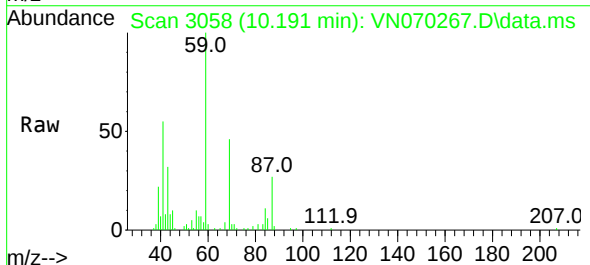


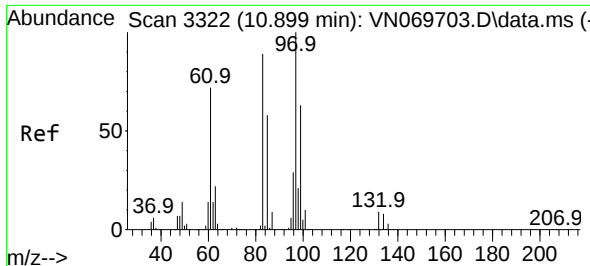
Tgt Ion: 75 Resp: 12267
Ion Ratio Lower Upper
75 100
77 156.9 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 2.010 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. -0.000 min
Lab File: VN070267.D
Acq: 21 Dec 2021 15:02

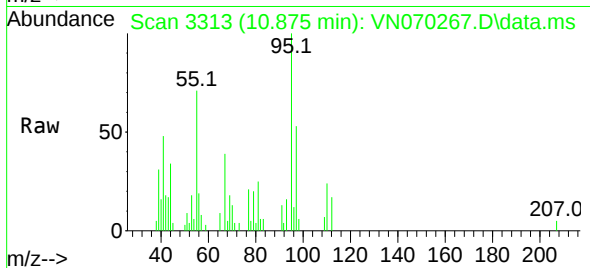
Tgt Ion: 75 Resp: 215
Ion Ratio Lower Upper
75 100
77 78.9 26.4 39.6#
39 504.6 42.5 63.7#



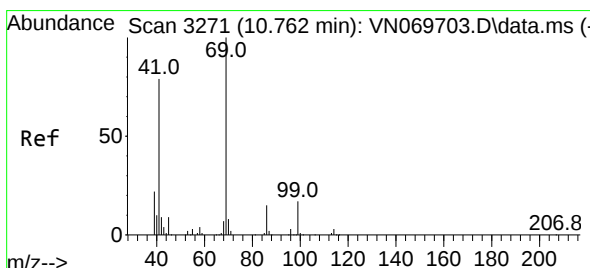
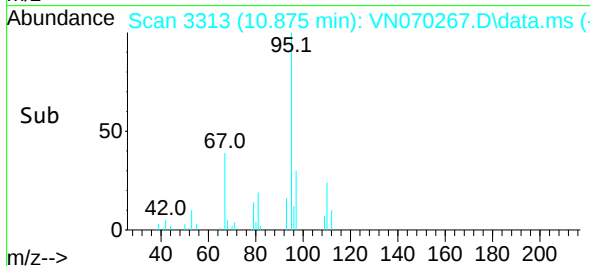
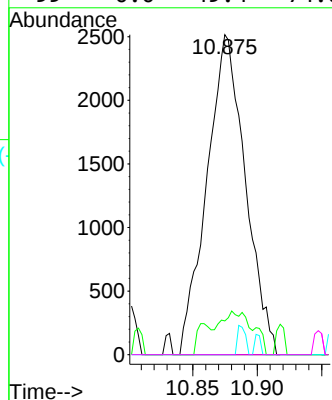


#55
1,1,2-Trichloroethane
Concen: 0.471 ug/l
RT: 10.875 min Scan# 31
Delta R.T. -0.024 min
Lab File: VN070267.D
Acq: 21 Dec 2021 15:02

Instrument :
MSVOA_N
ClientSampleId :

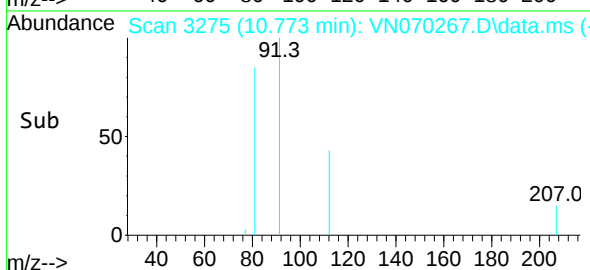
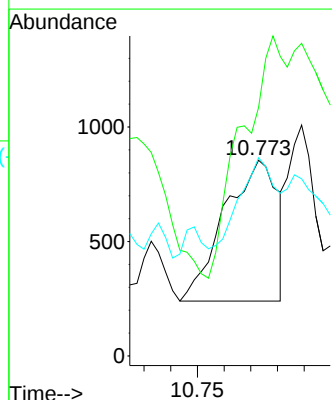
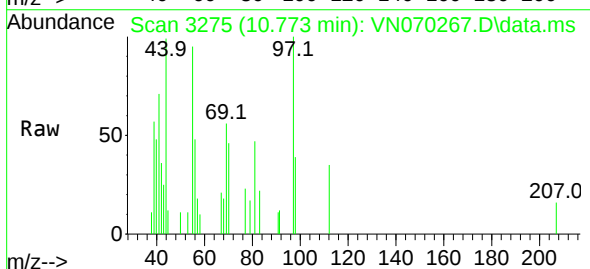


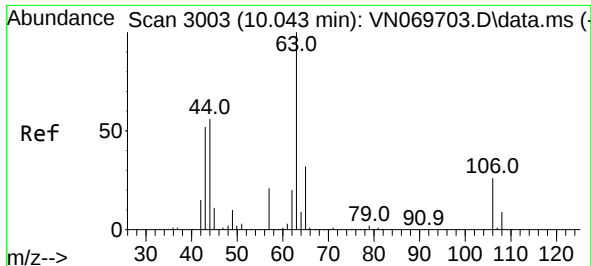
Tgt Ion: 97	Resp: 5229
Ion Ratio	Lower Upper
97 100	
83 10.6	67.8 101.6#
85 0.0	45.4 68.2#
99 0.0	49.4 74.0#



#56
Ethyl methacrylate
Concen: 2.318 ug/l
RT: 10.773 min Scan# 3275
Delta R.T. 0.011 min
Lab File: VN070267.D
Acq: 21 Dec 2021 15:02

Tgt Ion: 69	Resp: 844		
Ion Ratio	Lower	Upper	
69 100			
41 144.5	51.4	77.0#	
39 0.0	34.6	52.0#	

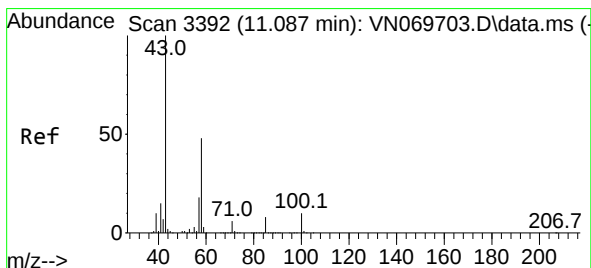
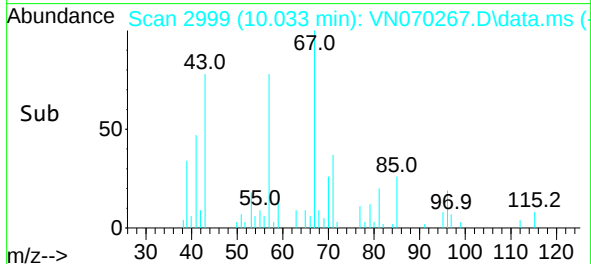
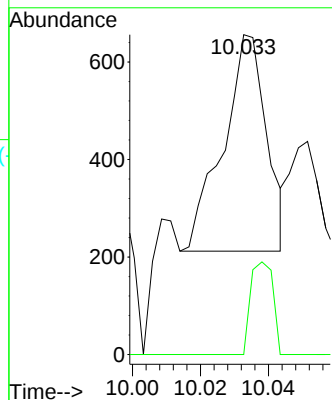
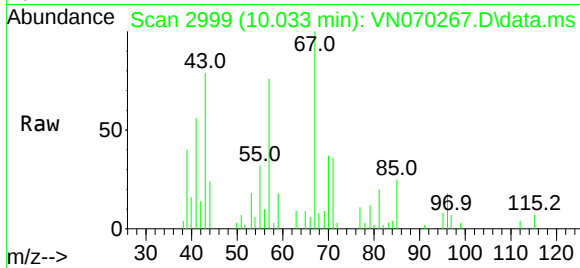




#58
2-Chloroethyl Vinyl ether
Concen: 18.454 ug/l
RT: 10.033 min Scan# 24
Delta R.T. -0.010 min
Lab File: VN070267.D
Acq: 21 Dec 2021 15:02

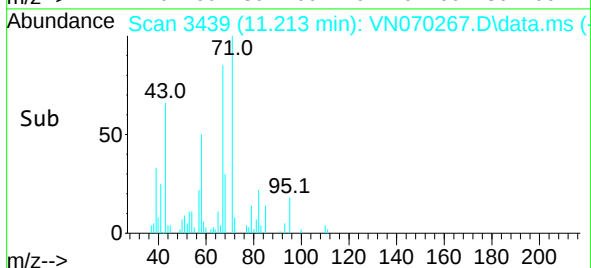
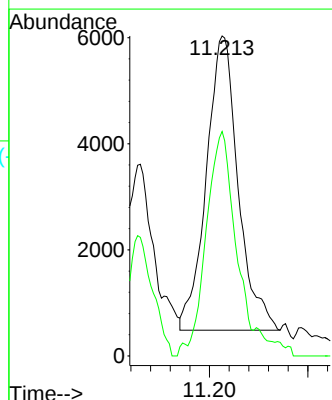
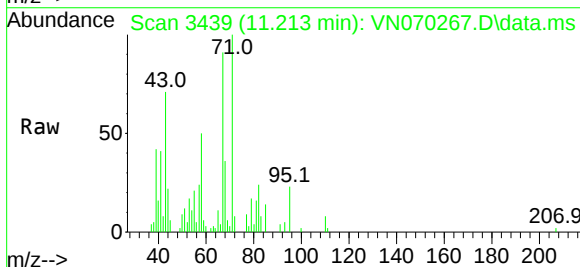
Instrument :
MSVOA_N
ClientSampleId :

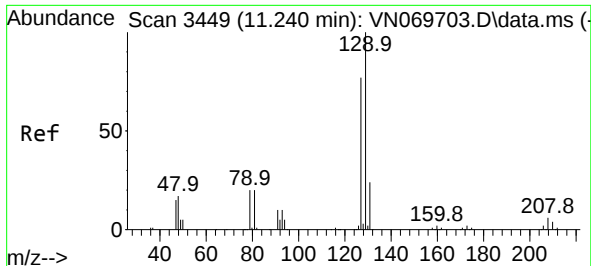
Tgt Ion: 63 Resp: 395
Ion Ratio Lower Upper
63 100
106 21.8 23.9 35.9#



#59
2-Hexanone
Concen: 0.782 ug/l
RT: 11.213 min Scan# 3439
Delta R.T. 0.126 min
Lab File: VN070267.D
Acq: 21 Dec 2021 15:02

Tgt Ion: 43 Resp: 12460
Ion Ratio Lower Upper
43 100
58 69.7 26.9 80.7

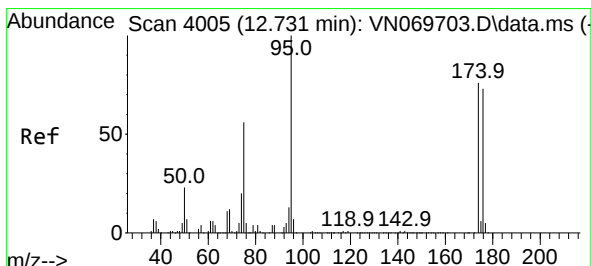
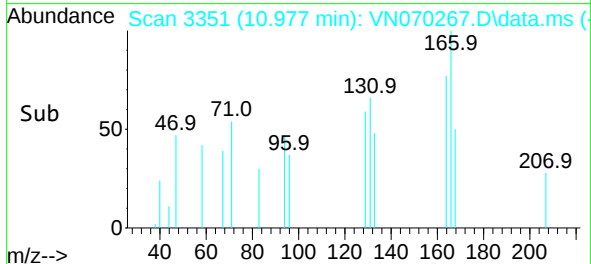
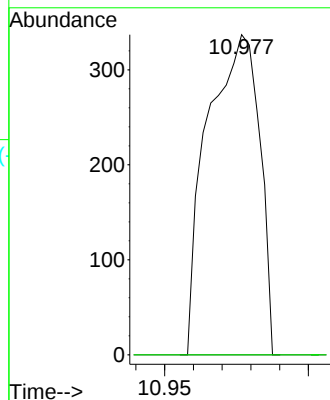
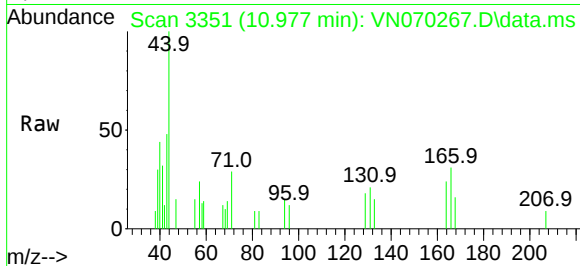




#60
Dibromochloromethane
Concen: 2.410 ug/l
RT: 10.977 min Scan# 31
Delta R.T. -0.263 min
Lab File: VN070267.D
Acq: 21 Dec 2021 15:02

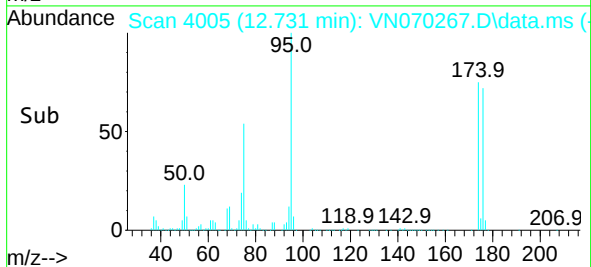
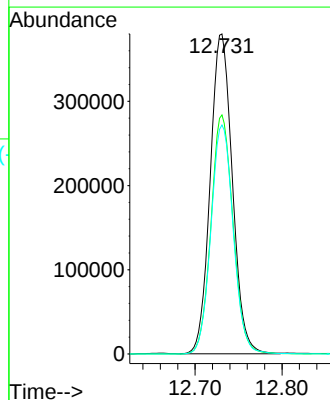
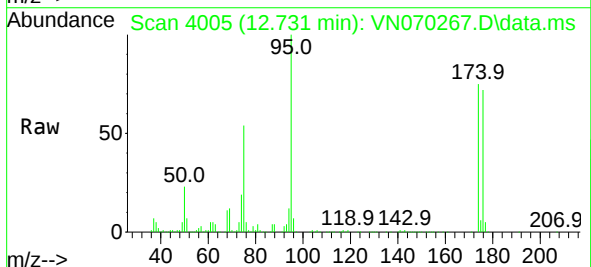
Instrument :
MSVOA_N
ClientSampleId :

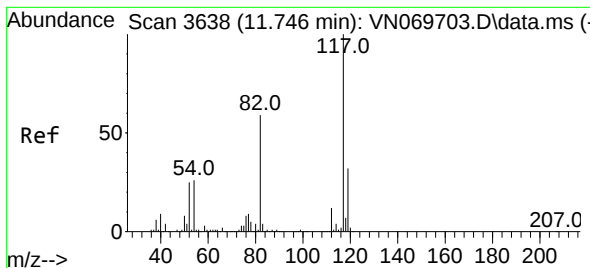
Tgt Ion:129 Resp: 423
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#



#62
4-Bromofluorobenzene
Concen: 47.604 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070267.D
Acq: 21 Dec 2021 15:02

Tgt Ion: 95 Resp: 671483
Ion Ratio Lower Upper
95 100
174 74.6 0.0 187.2
176 72.2 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3

Delta R.T. -0.002 min

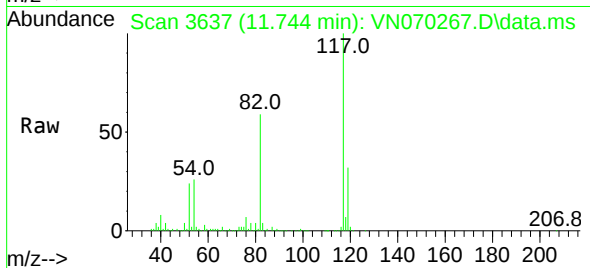
Lab File: VN070267.D

Acq: 21 Dec 2021 15:02

Instrument :

MSVOA_N

ClientSampleId :



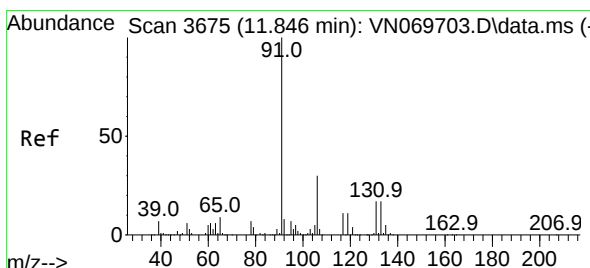
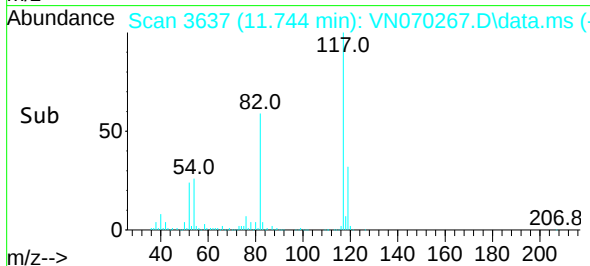
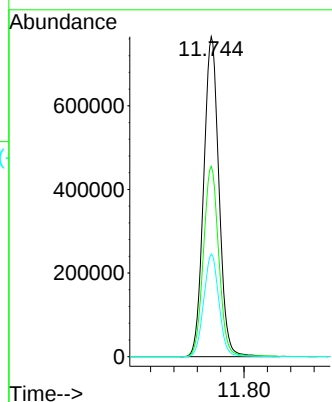
Tgt Ion:117 Resp: 1389513

Ion Ratio Lower Upper

117 100

82 59.5 42.4 63.6

119 32.1 25.4 38.2



#67

Ethyl Benzene

Concen: 136.456 ug/l

RT: 11.843 min Scan# 3674

Delta R.T. -0.003 min

Lab File: VN070267.D

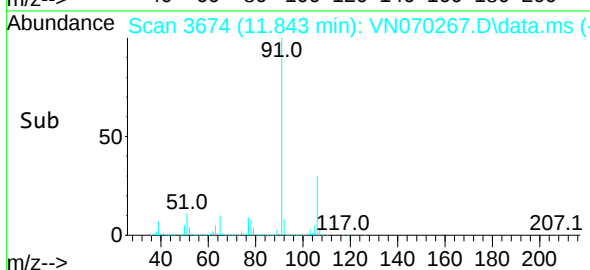
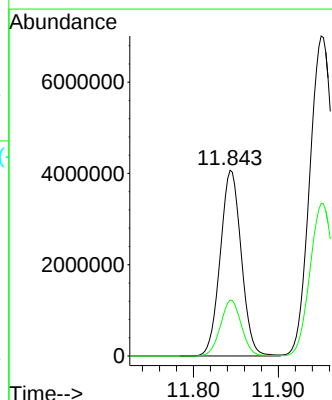
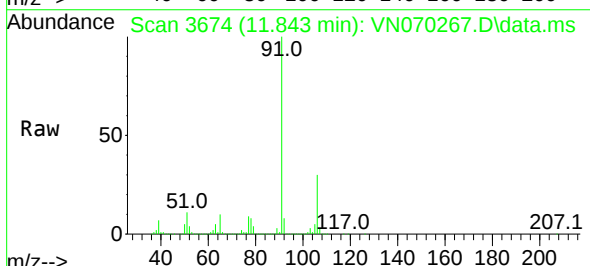
Acq: 21 Dec 2021 15:02

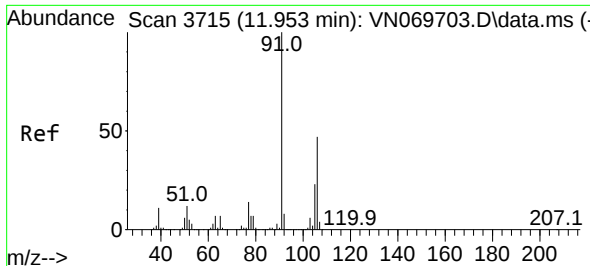
Tgt Ion: 91 Resp: 6987210

Ion Ratio Lower Upper

91 100

106 30.1 25.7 38.5

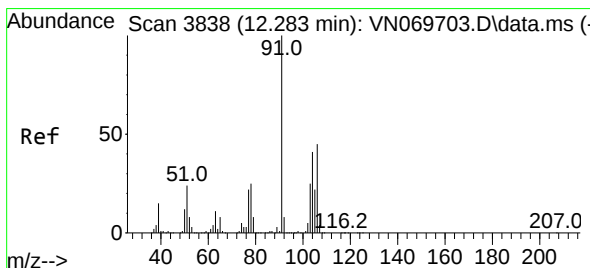
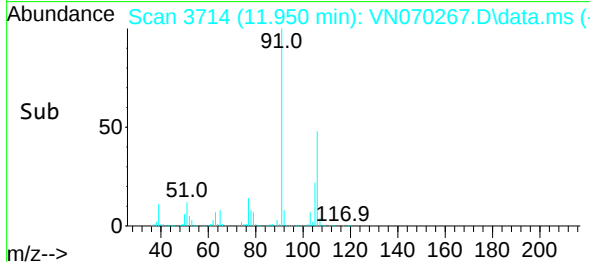
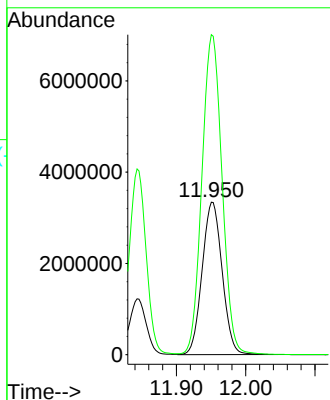
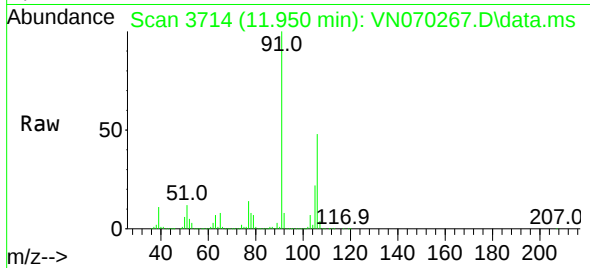




#68
m/p-Xylenes
Concen: 359.120 ug/l
RT: 11.950 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070267.D
Acq: 21 Dec 2021 15:02

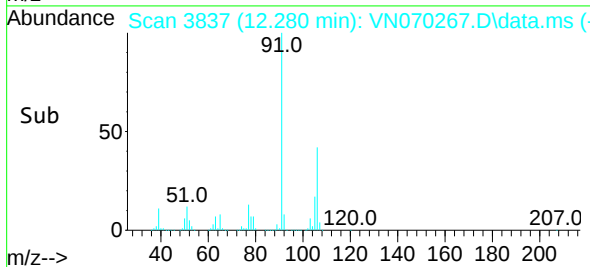
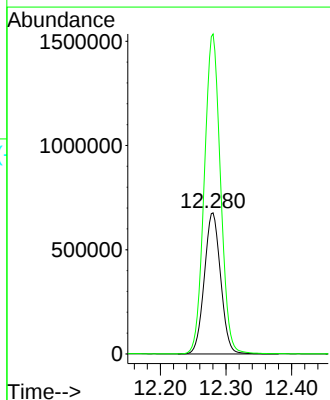
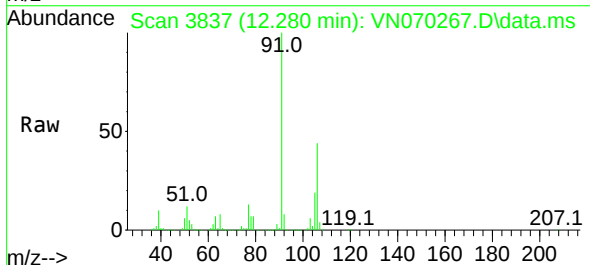
Instrument :
MSVOA_N
ClientSampleId :

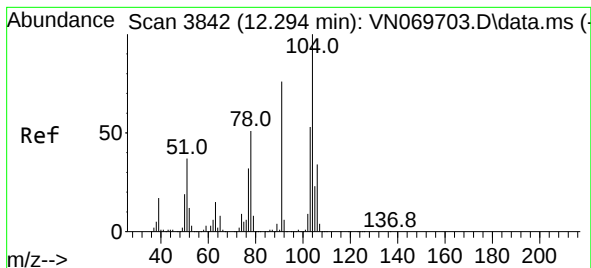
Tgt Ion:106 Resp: 6695460
Ion Ratio Lower Upper
106 100
91 211.8 160.6 240.8



#69
o-Xylene
Concen: 62.082 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN070267.D
Acq: 21 Dec 2021 15:02

Tgt Ion:106 Resp: 1165882
Ion Ratio Lower Upper
106 100
91 226.1 105.8 317.3





#70

Styrene

Concen: 2.035 ug/l

RT: 12.280 min Scan# 31

Delta R.T. -0.014 min

Lab File: VN070267.D

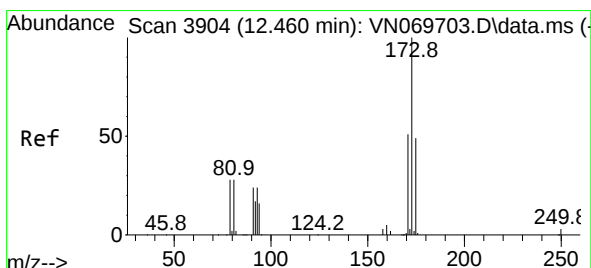
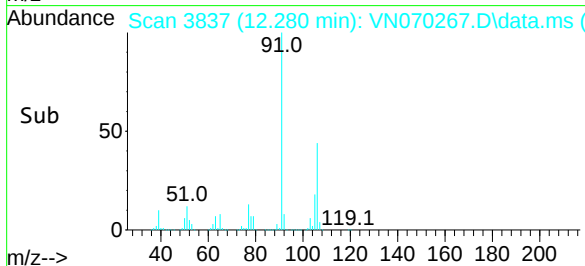
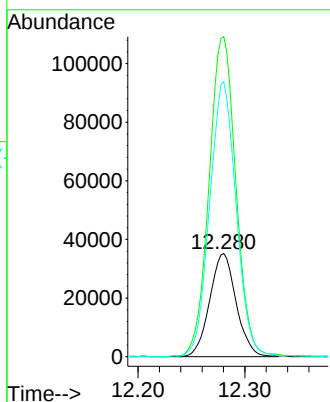
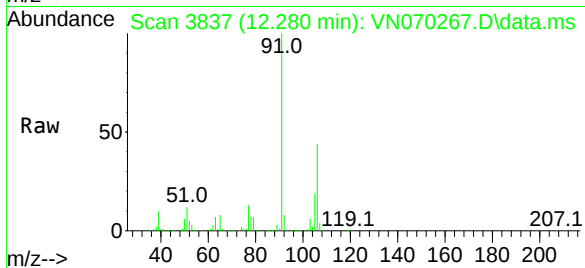
Acq: 21 Dec 2021 15:02

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	104	Resp:	60607
Ion Ratio	Lower	Upper	
104	100		
78	315.0	38.7	58.1#
103	267.3	45.0	67.6#



#71

Bromoform

Concen: 3.023 ug/l

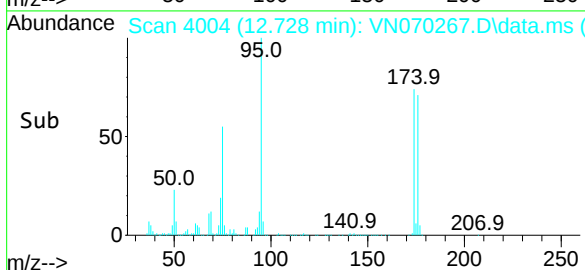
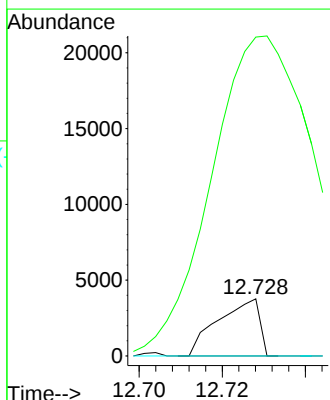
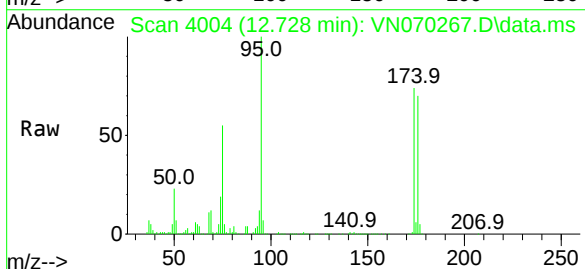
RT: 12.728 min Scan# 4004

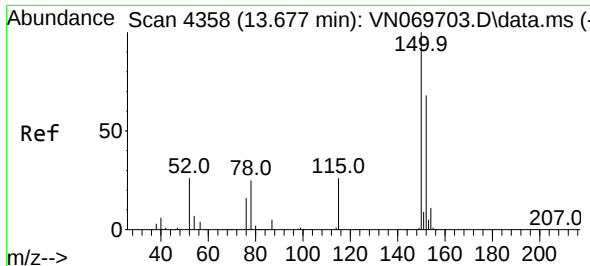
Delta R.T. 0.268 min

Lab File: VN070267.D

Acq: 21 Dec 2021 15:02

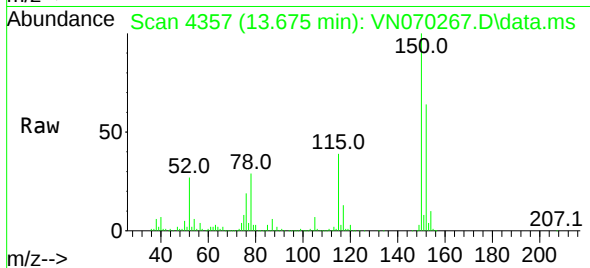
Tgt Ion:	173	Resp:	2619
Ion Ratio	Lower	Upper	
173	100		
175	1370.1	24.2	72.6#
254	0.0	0.0	0.0



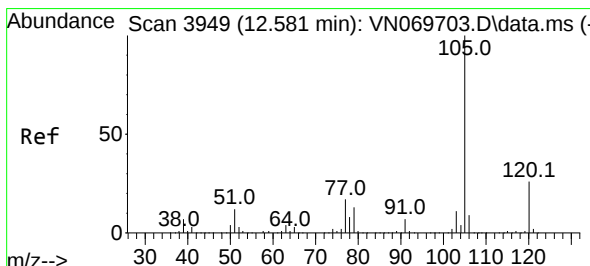
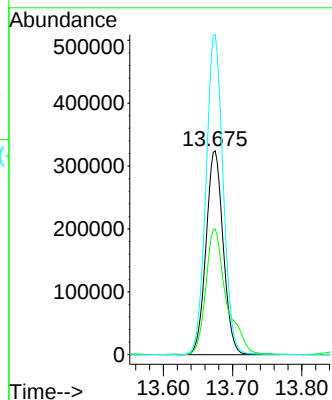
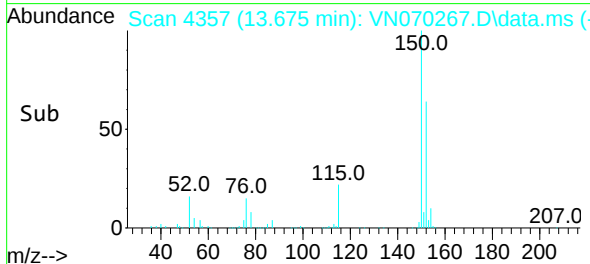


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN070267.D
 Acq: 21 Dec 2021 15:02

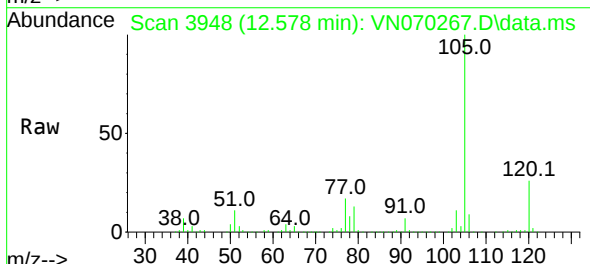
Instrument :
 MSVOA_N
 ClientSampleId :



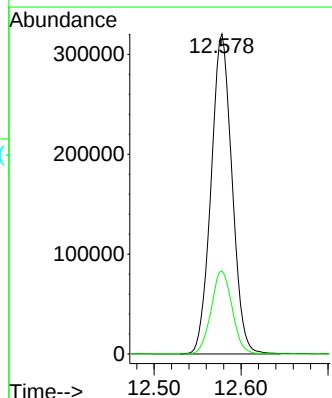
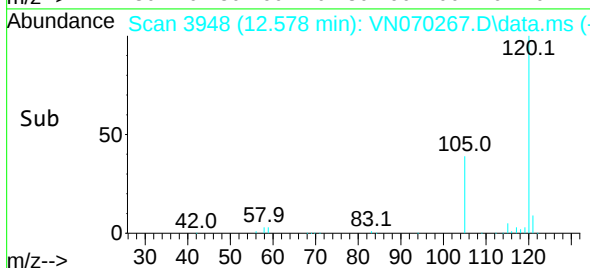
Tgt Ion:152 Resp: 558992
 Ion Ratio Lower Upper
 152 100
 115 73.9 27.5 82.5
 150 156.6 0.0 344.4

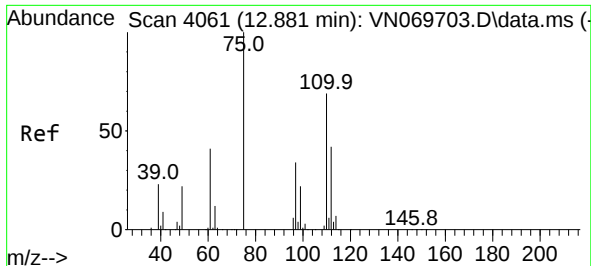


#73
 Isopropylbenzene
 Concen: 10.783 ug/l
 RT: 12.578 min Scan# 3948
 Delta R.T. -0.003 min
 Lab File: VN070267.D
 Acq: 21 Dec 2021 15:02



Tgt Ion:105 Resp: 536282
 Ion Ratio Lower Upper
 105 100
 120 26.0 13.4 40.1

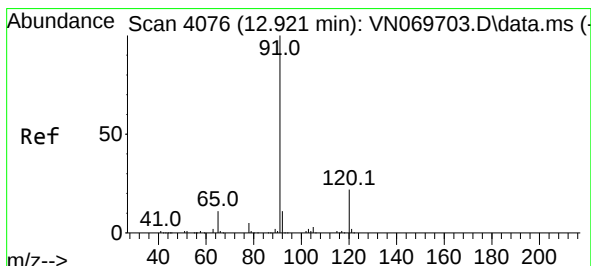
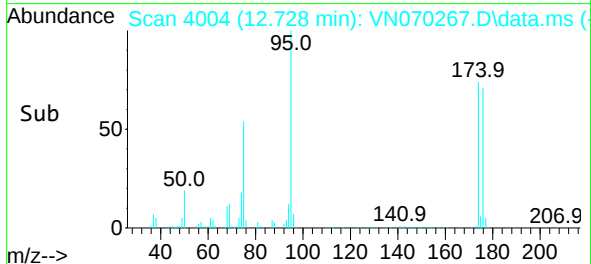
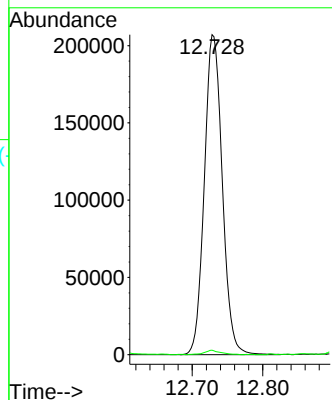
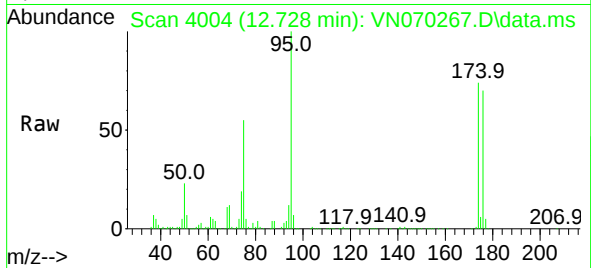




#76
1,2,3-Trichloropropane
Concen: 22.832 ug/l
RT: 12.728 min Scan# 4061
Delta R.T. -0.153 min
Lab File: VN070267.D
Acq: 21 Dec 2021 15:02

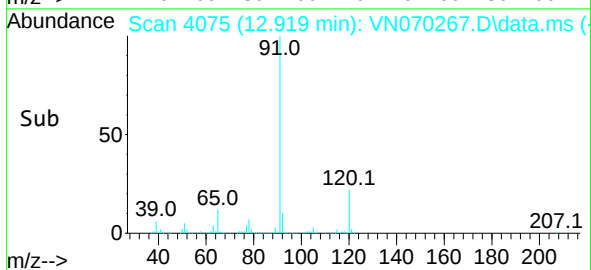
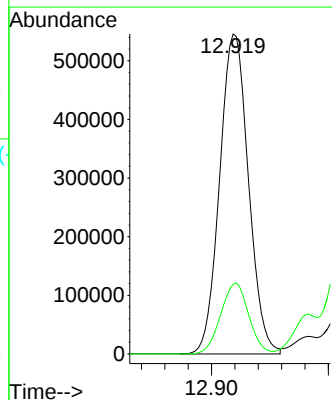
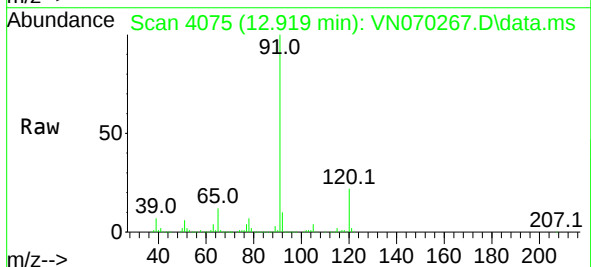
Instrument :
MSVOA_N
ClientSampleId :

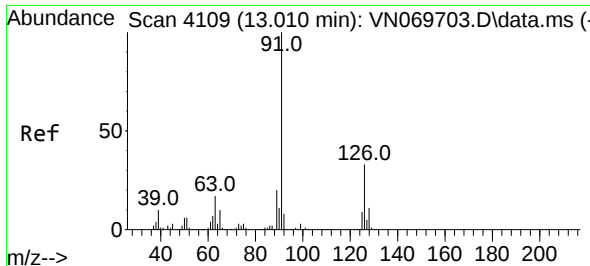
Tgt Ion: 75 Resp: 366018
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#



#78
n-propylbenzene
Concen: 16.857 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN070267.D
Acq: 21 Dec 2021 15:02

Tgt Ion: 91 Resp: 932930
Ion Ratio Lower Upper
91 100
120 21.6 11.9 35.9

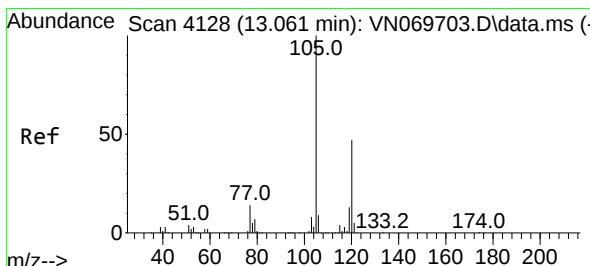
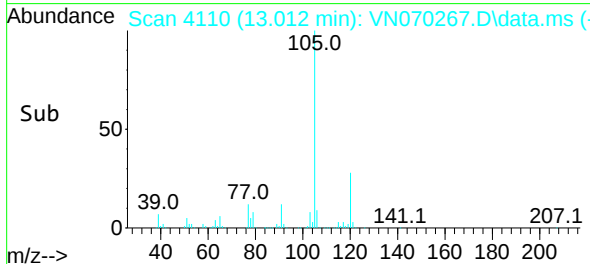
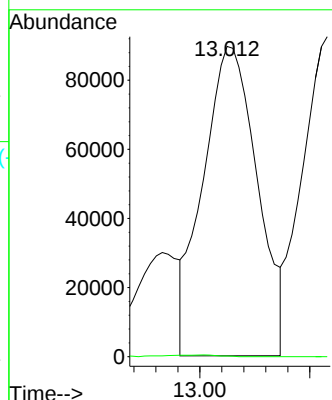
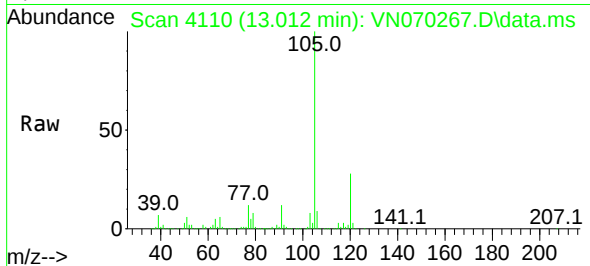




#79
2-Chlorotoluene
Concen: 4.410 ug/l
RT: 13.012 min Scan# 4109
Delta R.T. 0.003 min
Lab File: VN070267.D
Acq: 21 Dec 2021 15:02

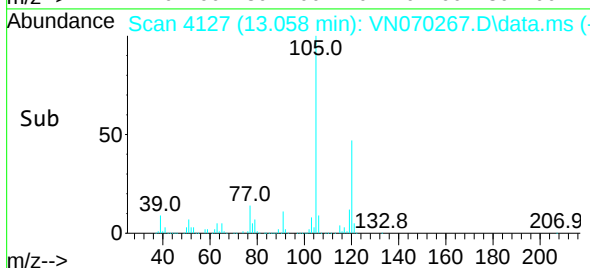
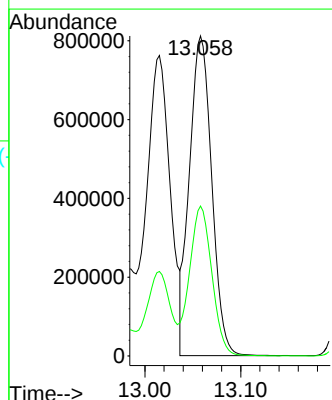
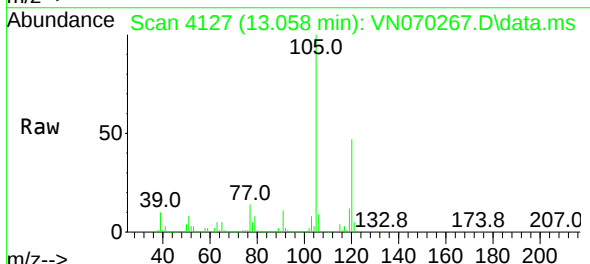
Instrument :
MSVOA_N
ClientSampleId :

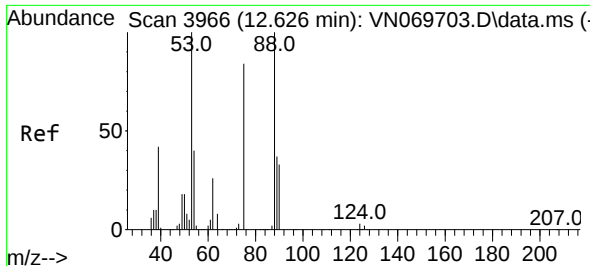
Tgt Ion: 91 Resp: 154229
Ion Ratio Lower Upper
91 100
126 0.5 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 32.696 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN070267.D
Acq: 21 Dec 2021 15:02

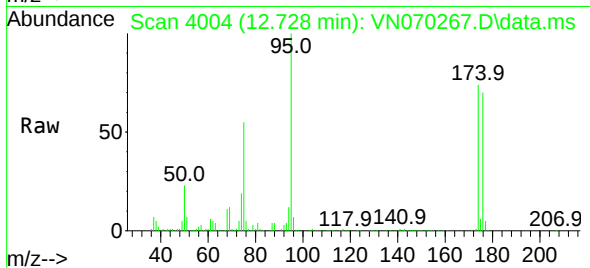
Tgt Ion: 105 Resp: 1308832
Ion Ratio Lower Upper
105 100
120 47.7 24.6 73.6



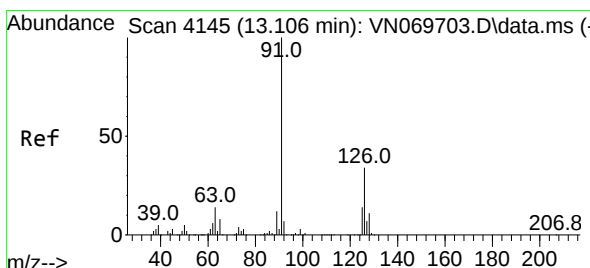
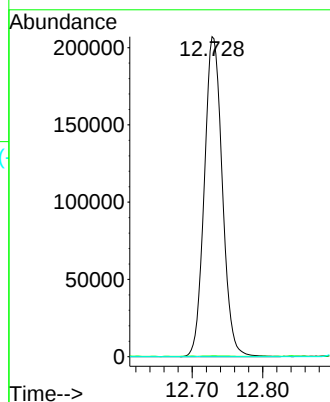
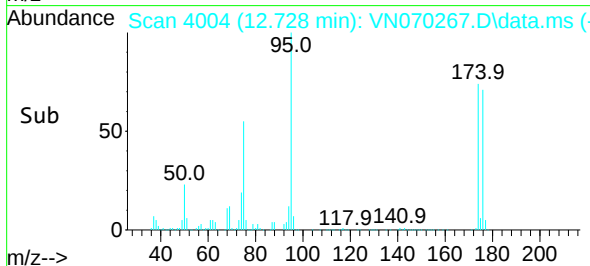


#81
trans-1,4-Dichloro-2-butene
Concen: 72.719 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.102 min
Lab File: VN070267.D
Acq: 21 Dec 2021 15:02

Instrument :
MSVOA_N
ClientSampleId :

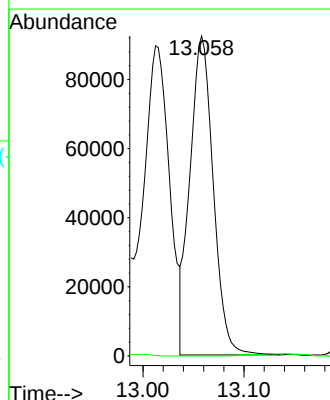
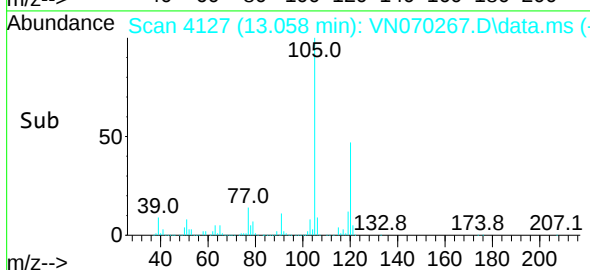
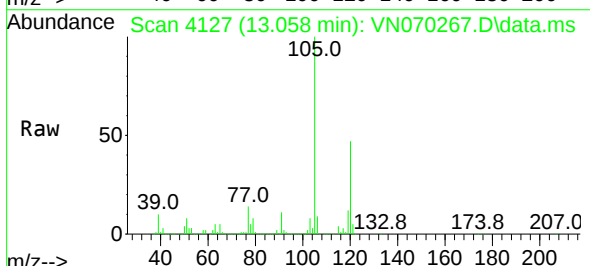


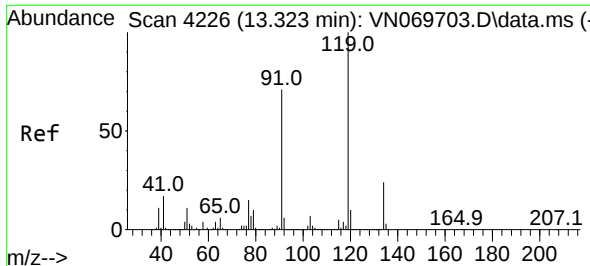
Tgt Ion: 75 Resp: 366018
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#82
4-Chlorotoluene
Concen: 4.499 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.048 min
Lab File: VN070267.D
Acq: 21 Dec 2021 15:02

Tgt Ion: 91 Resp: 147958
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#

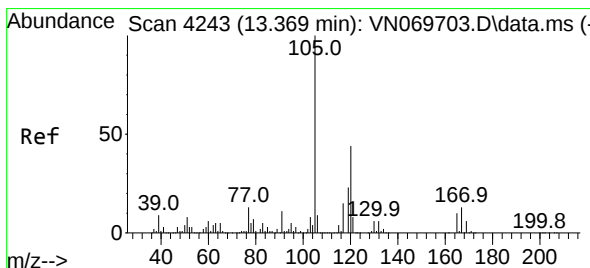
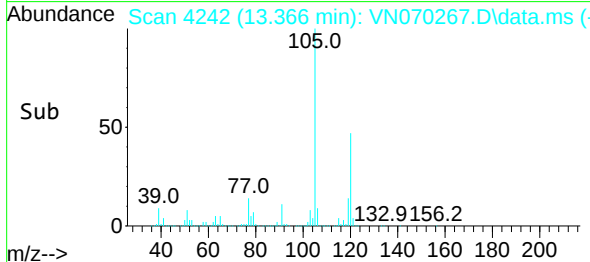
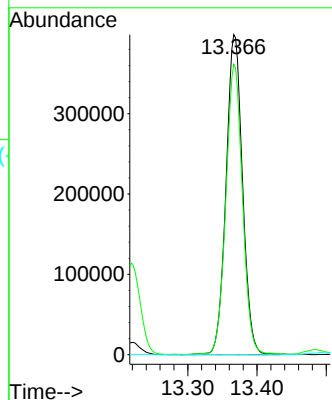
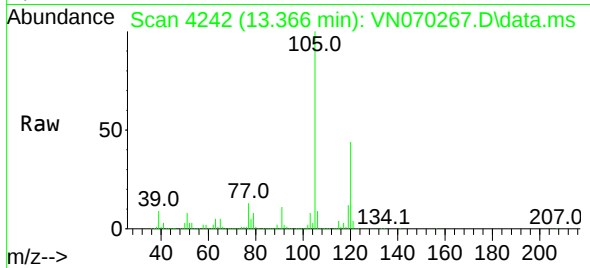




#83
tert-Butylbenzene
Concen: 18.594 ug/l
RT: 13.366 min Scan# 41
Delta R.T. 0.043 min
Lab File: VN070267.D
Acq: 21 Dec 2021 15:02

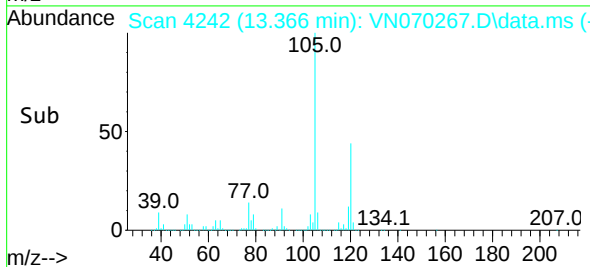
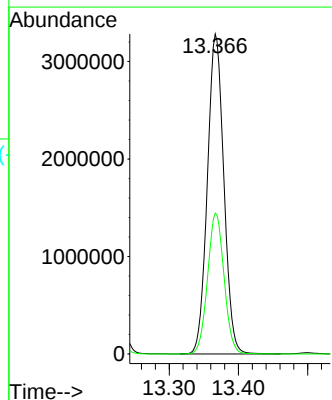
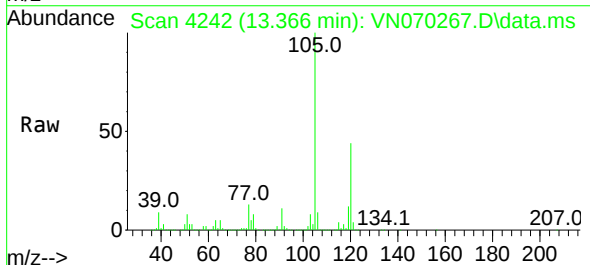
Instrument :
MSVOA_N
ClientSampleId :

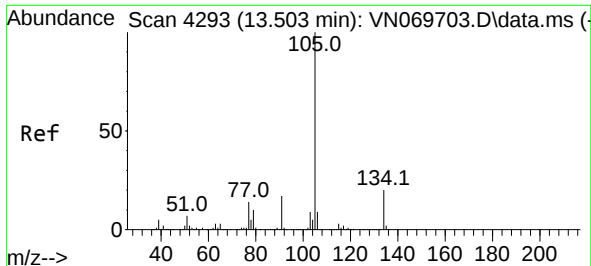
Tgt Ion:119 Resp: 659077
Ion Ratio Lower Upper
119 100
91 90.7 31.5 94.5
134 0.0 12.4 37.4#



#84
1,2,4-Trimethylbenzene
Concen: 142.029 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN070267.D
Acq: 21 Dec 2021 15:02

Tgt Ion:105 Resp: 5414627
Ion Ratio Lower Upper
105 100
120 44.1 22.8 68.4

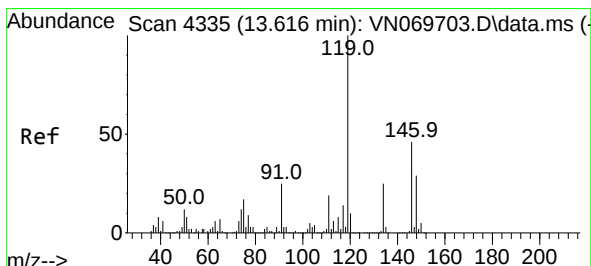
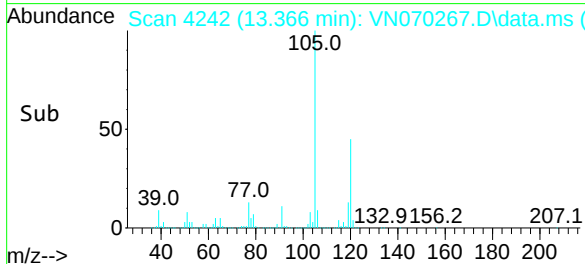
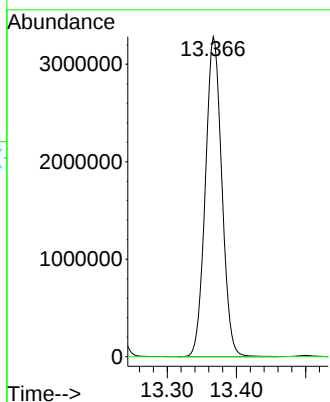
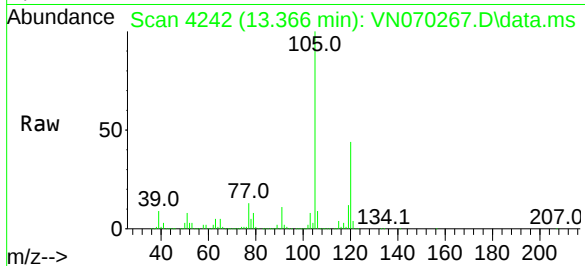




#85
 sec-Butylbenzene
 Concen: 112.619 ug/l
 RT: 13.366 min Scan# 41
 Delta R.T. -0.137 min
 Lab File: VN070267.D
 Acq: 21 Dec 2021 15:02

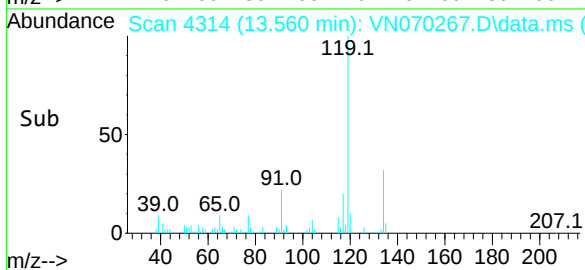
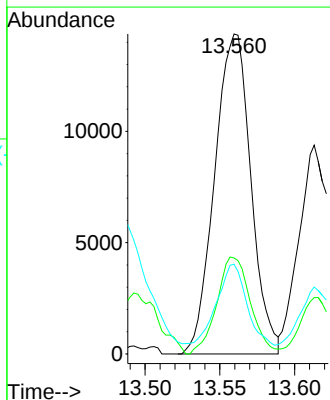
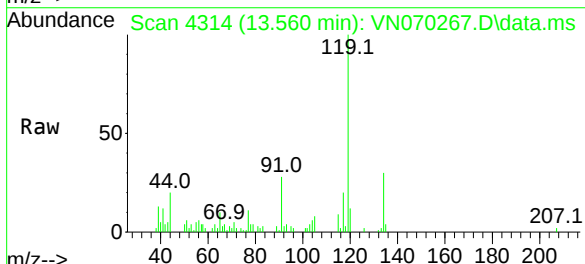
Instrument :
 MSVOA_N
 ClientSampleId :

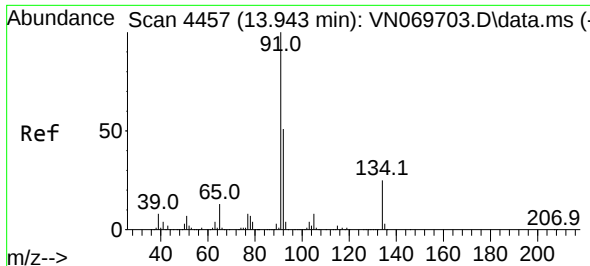
Tgt Ion:105 Resp: 5414627
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 0.646 ug/l
 RT: 13.560 min Scan# 4314
 Delta R.T. -0.056 min
 Lab File: VN070267.D
 Acq: 21 Dec 2021 15:02

Tgt Ion:119 Resp: 24279
 Ion Ratio Lower Upper
 119 100
 134 28.0 13.6 40.7
 91 0.0 11.4 34.1#

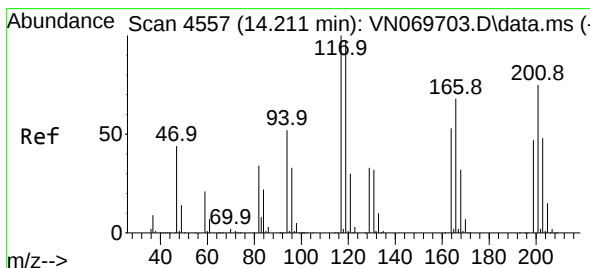
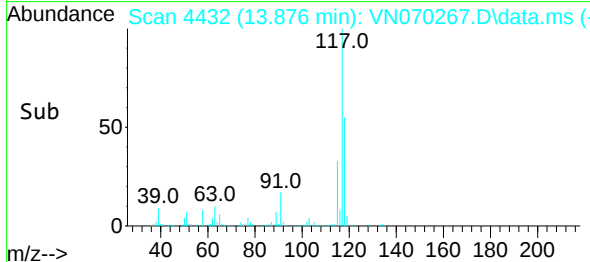
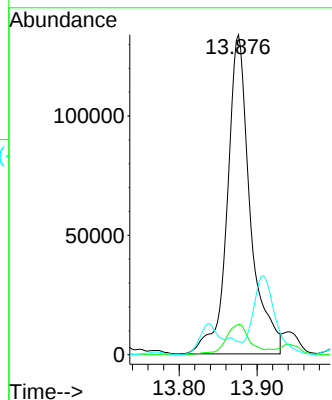
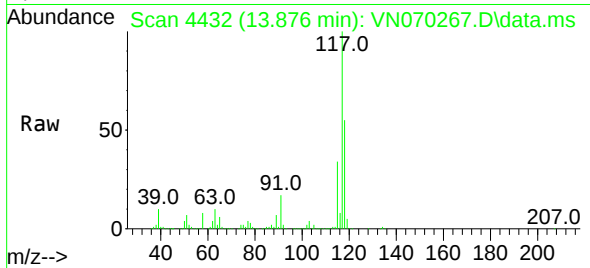




#89
n-Butylbenzene
Concen: 8.986 ug/l
RT: 13.876 min Scan# 4457
Delta R.T. -0.067 min
Lab File: VN070267.D
Acq: 21 Dec 2021 15:02

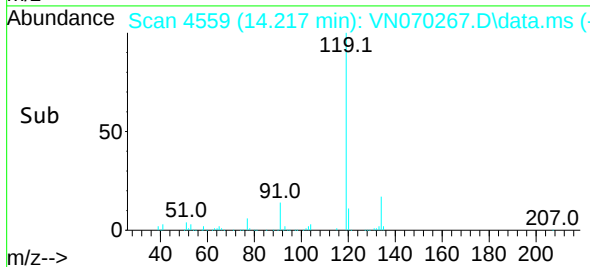
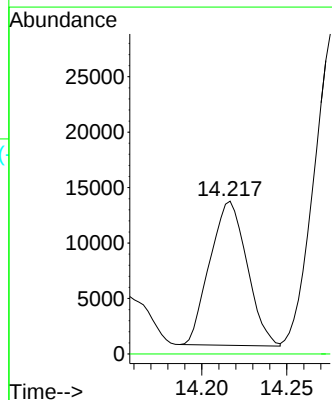
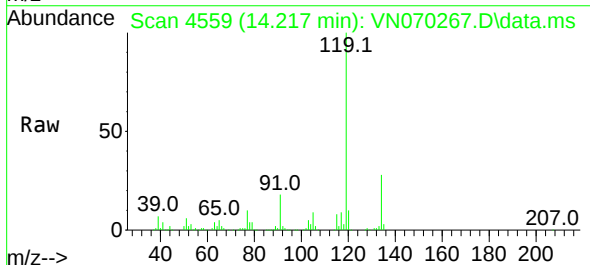
Instrument :
MSVOA_N
ClientSampleId :

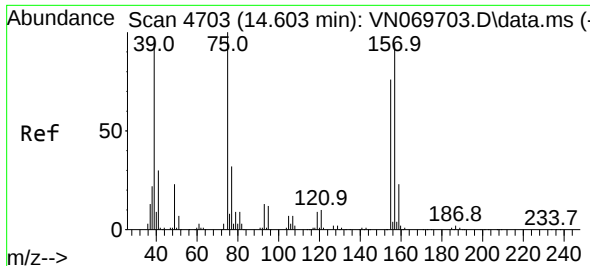
Tgt Ion: 91 Resp: 273940
Ion Ratio Lower Upper
91 100
92 10.0 25.4 76.0#
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 2.998 ug/l
RT: 14.217 min Scan# 4559
Delta R.T. 0.005 min
Lab File: VN070267.D
Acq: 21 Dec 2021 15:02

Tgt Ion: 117 Resp: 19782
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#

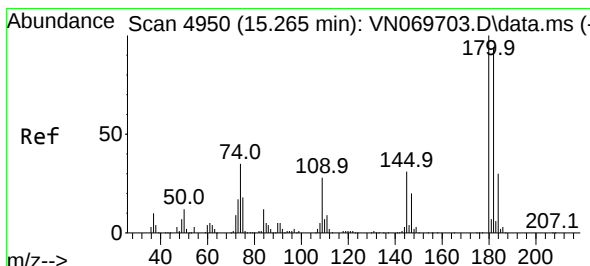
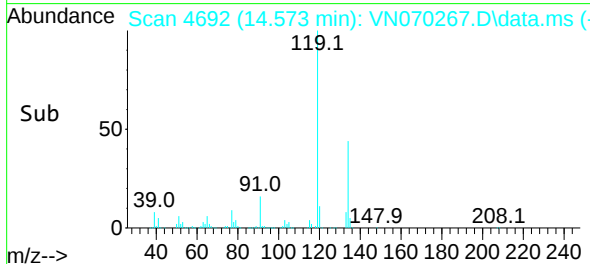
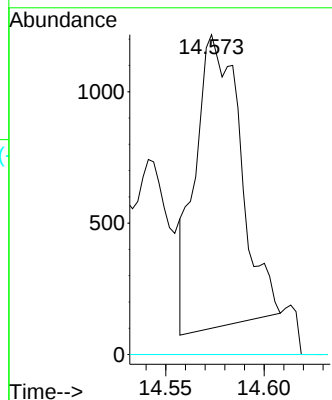
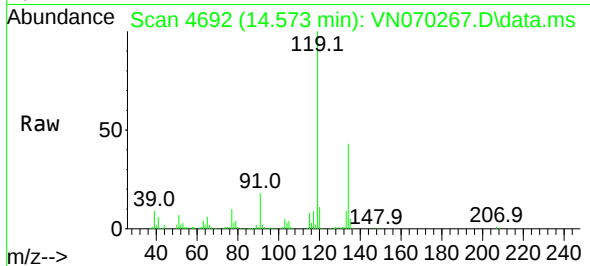




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.568 ug/l
 RT: 14.573 min Scan# 41
 Delta R.T. -0.029 min
 Lab File: VN070267.D
 Acq: 21 Dec 2021 15:02

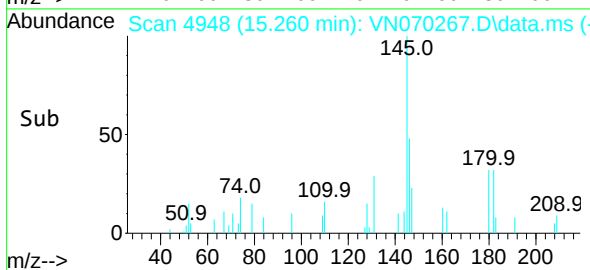
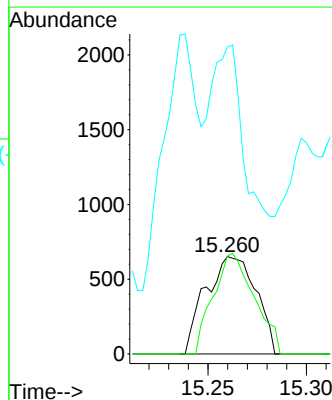
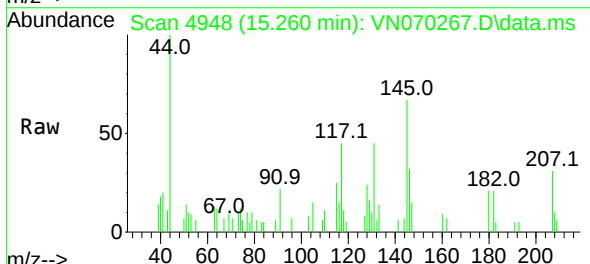
Instrument :
 MSVOA_N
 ClientSampleId :

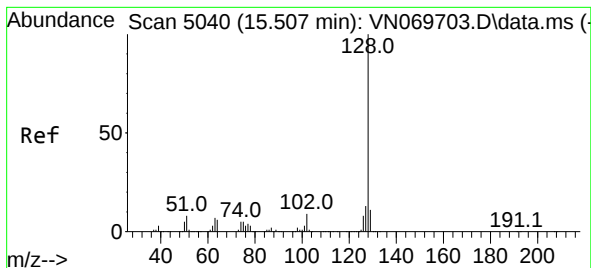
Tgt Ion: 75 Resp: 1764
 Ion Ratio Lower Upper
 75 100
 155 0.0 46.9 140.7#
 157 0.0 60.6 181.7#



#93
 1,2,4-Trichlorobenzene
 Concen: 2.997 ug/l
 RT: 15.260 min Scan# 4948
 Delta R.T. -0.005 min
 Lab File: VN070267.D
 Acq: 21 Dec 2021 15:02

Tgt Ion:180 Resp: 1159
 Ion Ratio Lower Upper
 180 100
 182 84.3 48.3 144.9
 145 109.7 14.5 43.5#





#95

Naphthalene

Concen: 36.510 ug/l

RT: 15.504 min Scan# 5040

Delta R.T. -0.003 min

Lab File: VN070267.D

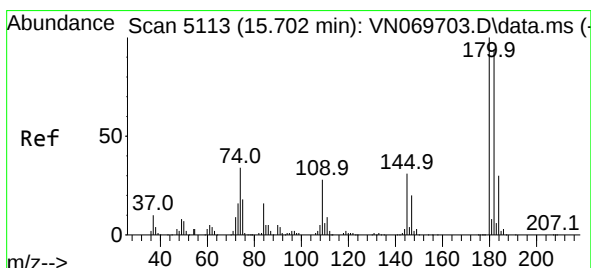
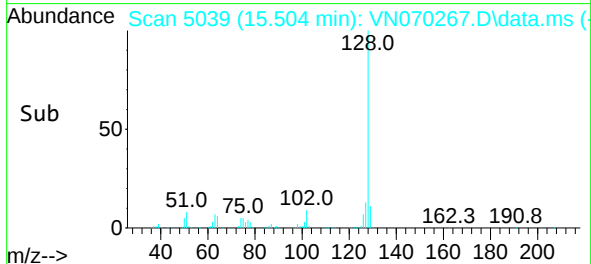
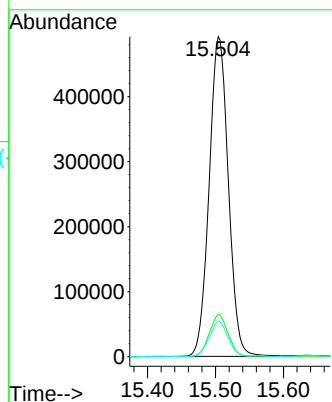
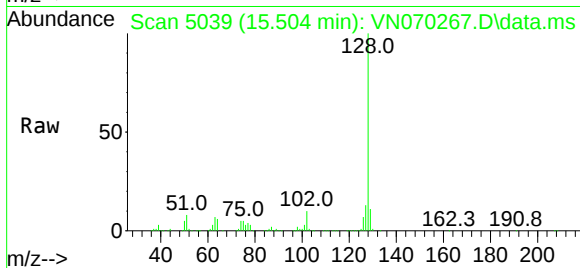
Acq: 21 Dec 2021 15:02

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128	Resp: 965460
Ion Ratio	Lower Upper
128 100	
127 12.9	10.5 15.7
129 10.8	8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 2.588 ug/l

RT: 15.700 min Scan# 5112

Delta R.T. -0.002 min

Lab File: VN070267.D

Acq: 21 Dec 2021 15:02

Tgt Ion:180	Resp: 1428
Ion Ratio	Lower Upper
180 100	
182 88.7	47.4 142.2
145 127.0	15.0 45.1#

