

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010622\
 Data File : VN070516.D
 Acq On : 6 Jan 2022 13:55
 Operator : JC/MD
 Sample : N1021-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 08 01:38:10 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	8.086	168	958061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1583285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1458995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	622681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	680708	49.416	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.840%
35) Dibromofluoromethane	8.021	113	491416	51.298	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.600%
50) Toluene-d8	10.440	98	2065333	52.776	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.560%
62) 4-Bromofluorobenzene	12.728	95	840058	59.434	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	118.860%
Target Compounds						
					Qvalue	
3) Chloromethane	2.306	50	4022	0.272	ug/l #	83
11) Tert butyl alcohol	5.374	59	57503	25.071	ug/l #	71
13) Acrolein	3.990	56	42547	22.862	ug/l #	1
14) Allyl chloride	4.956	41	76056	3.438	ug/l #	49
15) Acrylonitrile	5.616	53	39202	5.477	ug/l #	38
16) Acetone	4.256	43	182906	20.454	ug/l #	56
18) Methyl Acetate	5.079	43	934256	36.118	ug/l #	51
19) Methyl tert-butyl Ether	5.621	73	39404	1.087	ug/l #	1
20) Methylene Chloride	5.085	84	10135	0.819	ug/l #	1
22) Diisopropyl ether	6.498	45	68063	1.580	ug/l	89
25) 2-Butanone	7.340	43	21939	1.949	ug/l #	76
26) 2,2-Dichloropropane	7.142	77	20549	1.166	ug/l #	52
28) Bromochloromethane	7.844	49	7721	0.707	ug/l #	9
30) Chloroform	7.844	83	22357	1.037	ug/l #	60
31) Cyclohexane	8.094	56	850322	39.118	ug/l	90
36) 1,1-Dichloropropene	8.083	75	76629	4.835	ug/l #	48
37) Ethyl Acetate	7.340	43	21939	1.068	ug/l #	68
38) Carbon Tetrachloride	8.083	117	92772	6.131	ug/l #	17
39) Methylcyclohexane	9.459	83	367184	19.139	ug/l #	86
40) Benzene	8.458	78	14385376	296.091	ug/l	98
41) Methacrylonitrile	7.670	41	16531	1.609	ug/l #	38
42) 1,2-Dichloroethane	8.458	62	125120	6.852	ug/l	98
43) Isopropyl Acetate	8.552	43	81981	2.531	ug/l #	55
45) 1,2-Dichloropropane	9.456	63	4407	0.337	ug/l #	1
47) Bromodichloromethane	9.743	83	7086	0.439	ug/l #	25
48) Methyl methacrylate	9.636	41	49111	3.179	ug/l #	59
51) 4-Methyl-2-Pentanone	10.330	43	16820	0.827	ug/l	99
52) Toluene	10.502	92	1498628	50.960	ug/l	98
55) 1,1,2-Trichloroethane	10.875	97	36629	3.148	ug/l #	22
58) 2-Chloroethyl Vinyl ether	10.022	63	1643	18.823	ug/l #	45
59) 2-Hexanone	11.216	43	12414	0.837	ug/l	68
67) Ethyl Benzene	11.843	91	10386565	183.121	ug/l	97
68) m/p-Xylenes	11.953	106	9404959	455.527	ug/l #	1
69) o-Xylene	12.278	106	1358946	66.174	ug/l	93
70) Styrene	12.280	104	72502	2.231	ug/l #	1
71) Bromoform	12.728	173	5767	0.703	ug/l #	1

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

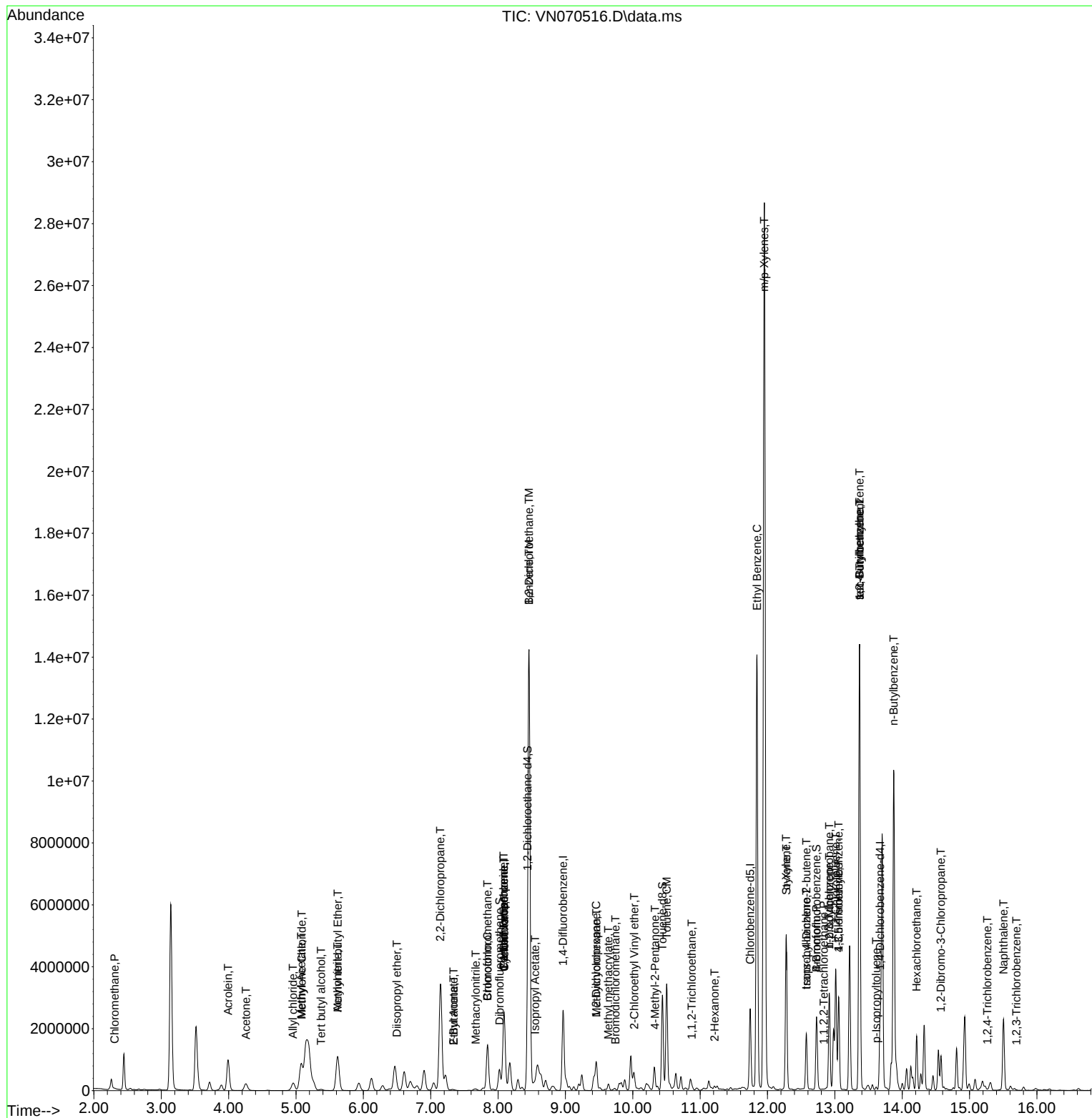
73) Isopropylbenzene	12.575	105	1193206	20.635	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.835	83	540	0.473	ug/l #	25
76) 1,2,3-Trichloropropane	12.916	75	14003	3.452	ug/l #	1
78) n-propylbenzene	12.919	91	2533991	39.551	ug/l	96
79) 2-Chlorotoluene	13.012	91	293209	7.133	ug/l #	38
80) 1,3,5-Trimethylbenzene	13.055	105	1699021	36.666	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.575	75	15213	2.985	ug/l #	75
82) 4-Chlorotoluene	13.055	91	174872	4.541	ug/l #	38
83) tert-Butylbenzene	13.366	119	1026695	25.163	ug/l #	64
84) 1,2,4-Trimethylbenzene	13.366	105	8320633	186.476	ug/l	99
85) sec-Butylbenzene	13.366	105	8320633	150.202	ug/l #	56
86) p-Isopropyltoluene	13.613	119	39753	0.914	ug/l #	78
89) n-Butylbenzene	13.873	91	1082068	29.812	ug/l #	43
90) Hexachloroethane	14.214	117	85584	11.321	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.573	75	4772	1.425	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.263	180	2594	0.253	ug/l #	80
95) Naphthalene	15.504	128	2097528	73.072	ug/l	99
96) 1,2,3-Trichlorobenzene	15.694	180	3038	1.130	ug/l #	89

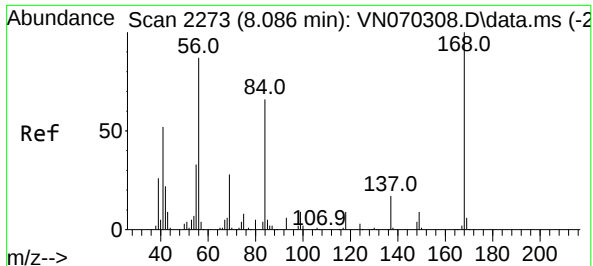
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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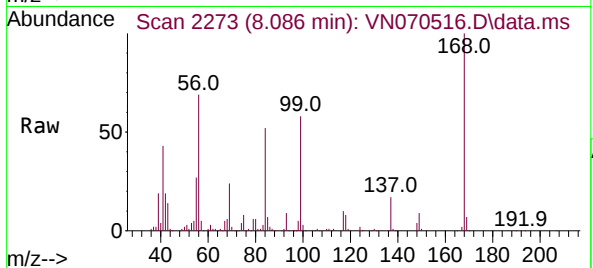
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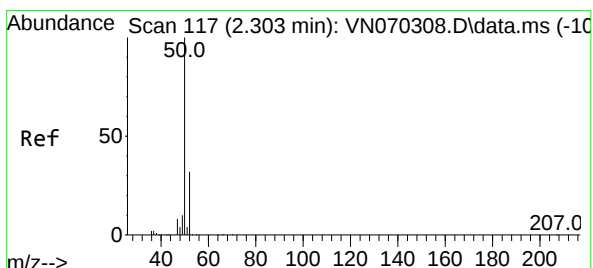
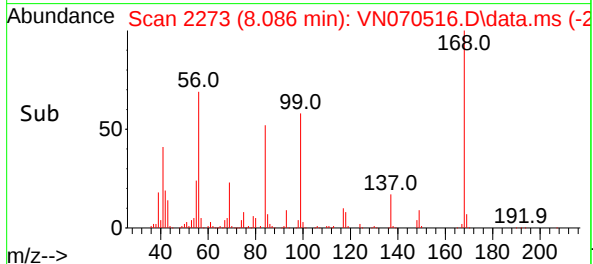
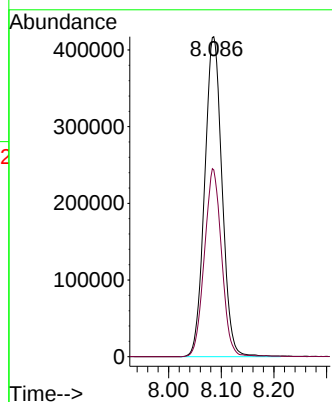


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

Instrument :
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ClientSampleId :

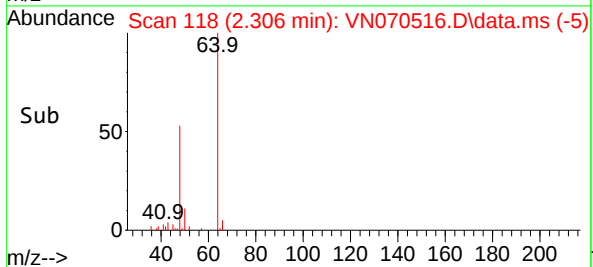
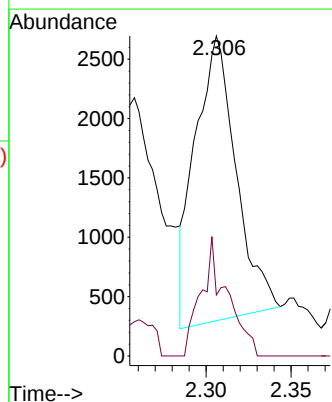
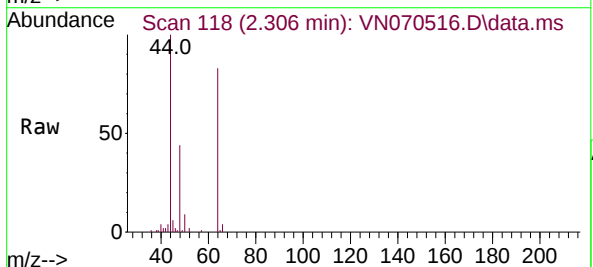


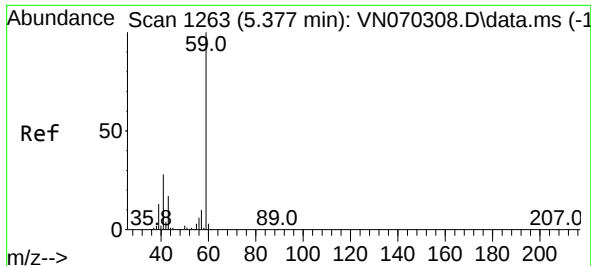
Tgt Ion:168 Resp: 958061
Ion Ratio Lower Upper
168 100
99 58.4 41.3 61.9



#3
Chloromethane
Concen: 0.272 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

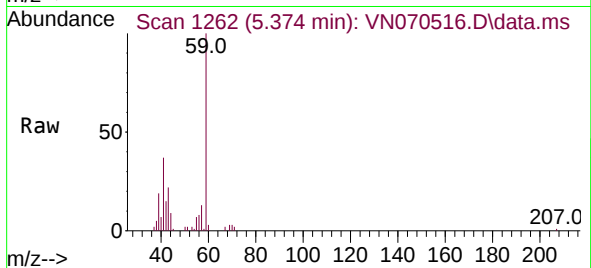
Tgt Ion: 50 Resp: 4022
Ion Ratio Lower Upper
50 100
52 22.5 25.4 38.0#



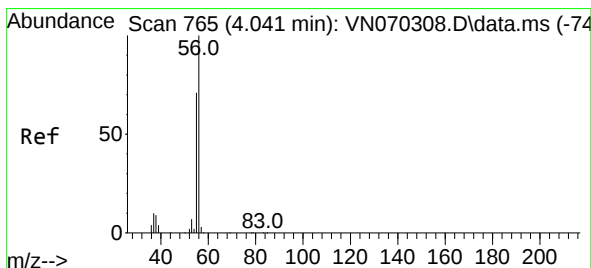
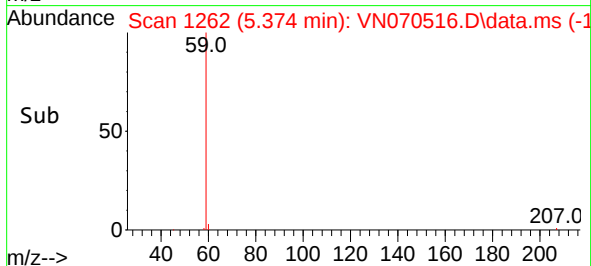
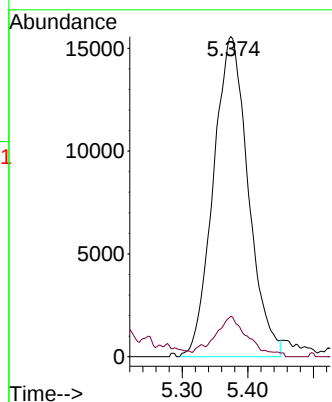


#11
Tert butyl alcohol
Concen: 25.071 ug/l
RT: 5.374 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :

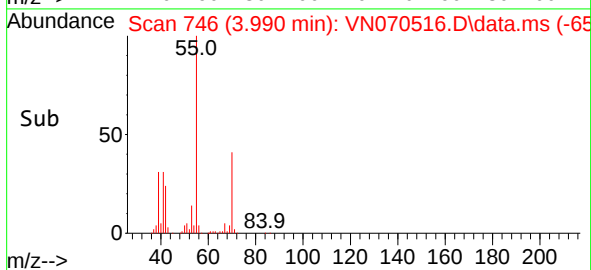
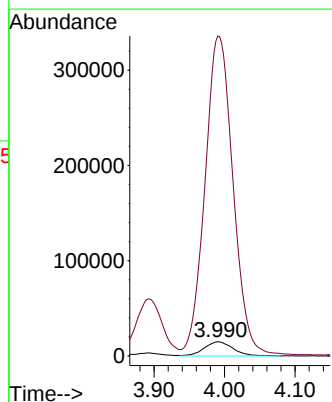
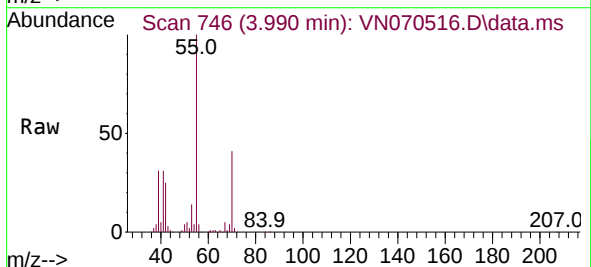


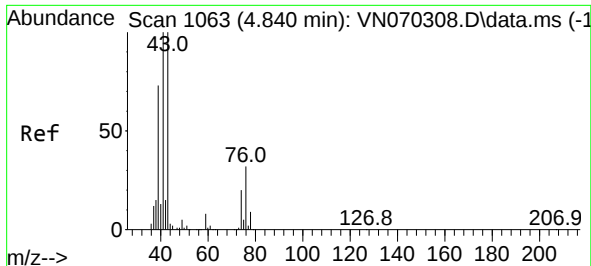
Tgt Ion: 59 Resp: 57503
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: 22.862 ug/l
RT: 3.990 min Scan# 746
Delta R.T. -0.051 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

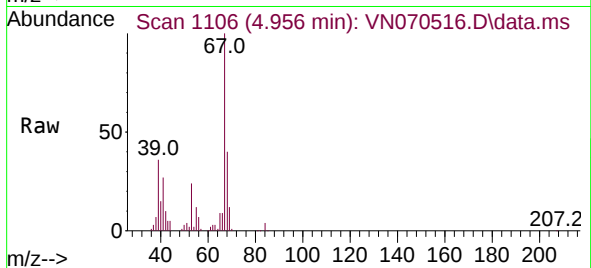
Tgt Ion: 56 Resp: 42547
Ion Ratio Lower Upper
56 100
55 2172.6 56.6 85.0#



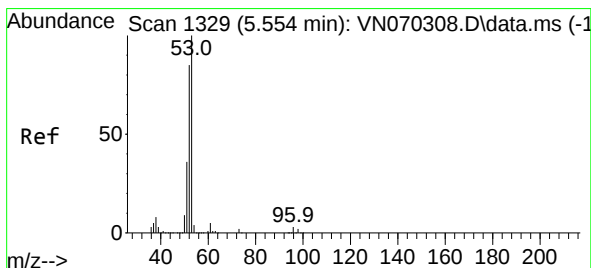
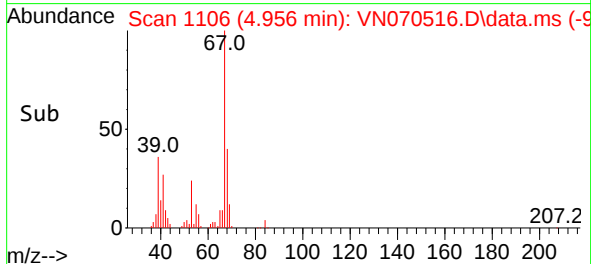
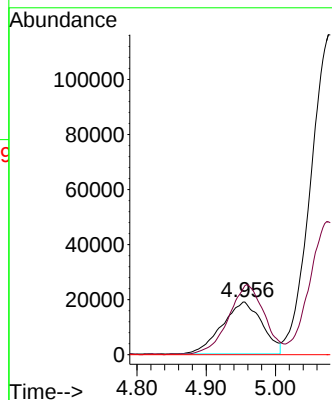


#14
 Allyl chloride
 Concen: 3.438 ug/l
 RT: 4.956 min Scan# 1106
 Delta R.T. 0.116 min
 Lab File: VN070516.D
 Acq: 6 Jan 2022 13:55

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 ClientSampleId :

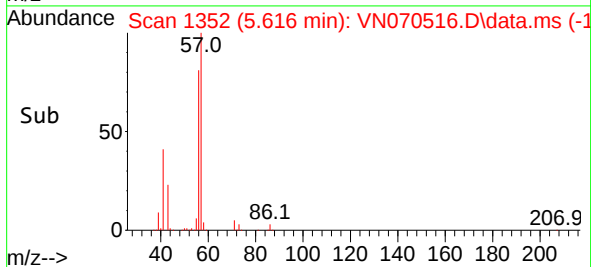
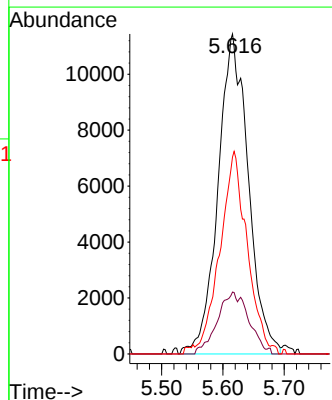
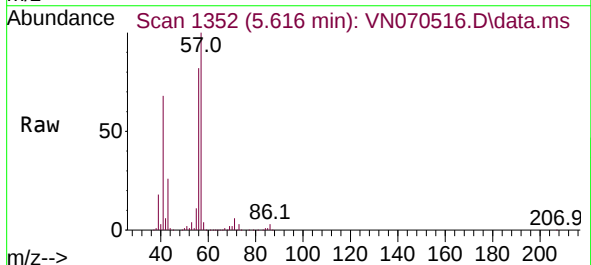


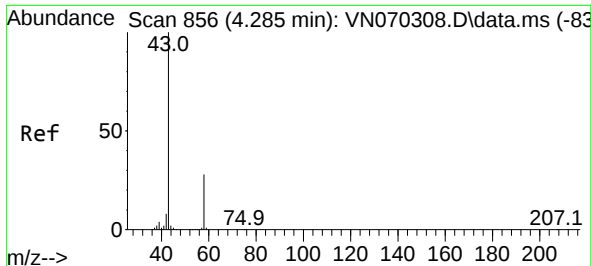
Tgt Ion: 41 Resp: 76056
 Ion Ratio Lower Upper
 41 100
 39 117.8 61.2 91.8#
 76 0.0 26.0 39.0#



#15
 Acrylonitrile
 Concen: 5.477 ug/l
 RT: 5.616 min Scan# 1352
 Delta R.T. 0.062 min
 Lab File: VN070516.D
 Acq: 6 Jan 2022 13:55

Tgt Ion: 53 Resp: 39202
 Ion Ratio Lower Upper
 53 100
 52 12.6 66.2 99.2#
 51 52.5 29.6 44.4#

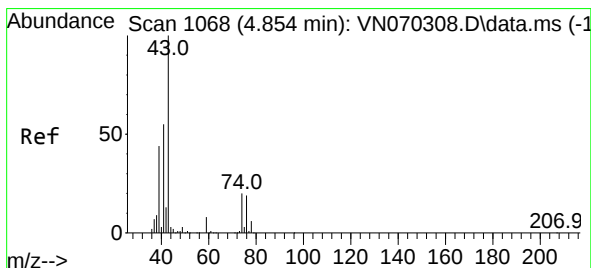
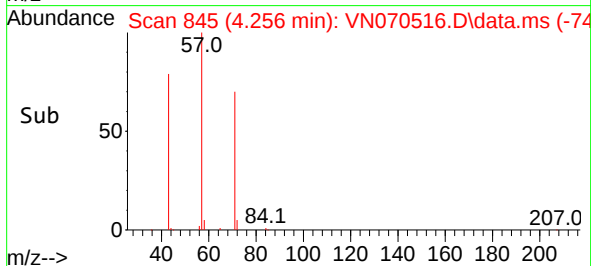
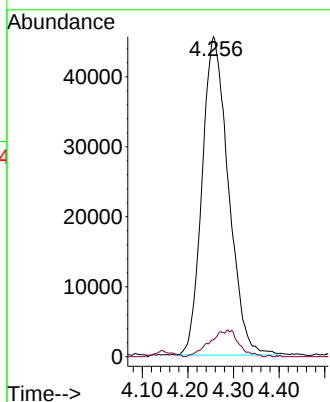
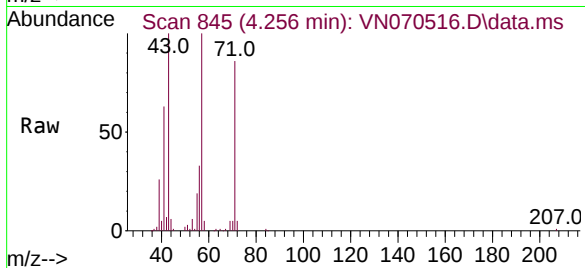




#16
Acetone
Concen: 20.454 ug/l
RT: 4.256 min Scan# 84
Delta R.T. -0.029 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

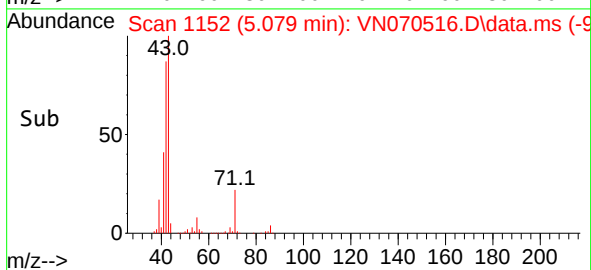
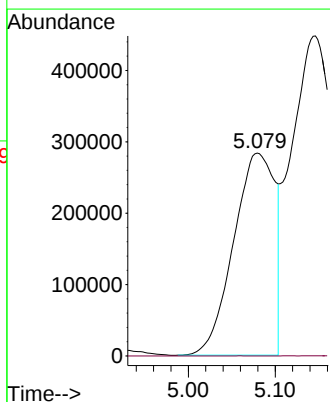
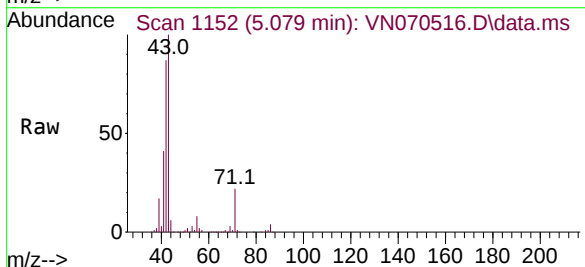
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MSVOA_N
ClientSampleId :

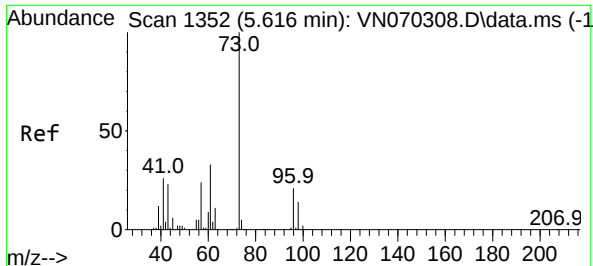
Tgt Ion: 43 Resp: 182906
Ion Ratio Lower Upper
43 100
58 5.3 23.1 34.7#



#18
Methyl Acetate
Concen: 36.118 ug/l
RT: 5.079 min Scan# 1152
Delta R.T. 0.225 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

Tgt Ion: 43 Resp: 934256
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#





#19

Methyl tert-butyl Ether

Concen: 1.087 ug/l

RT: 5.621 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN070516.D

Acq: 6 Jan 2022 13:55

Instrument :

MSVOA_N

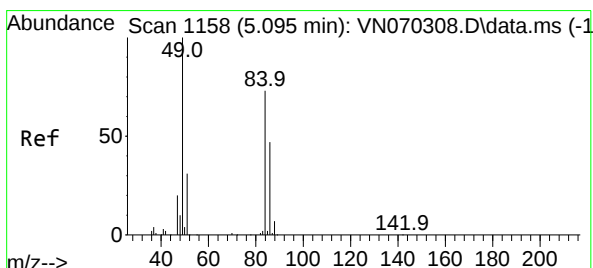
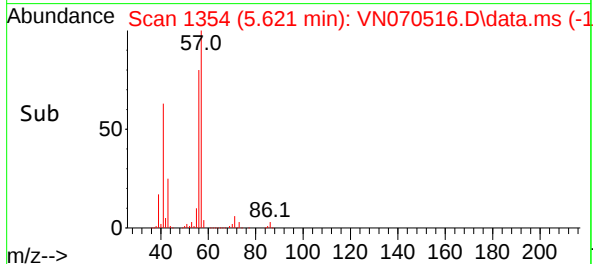
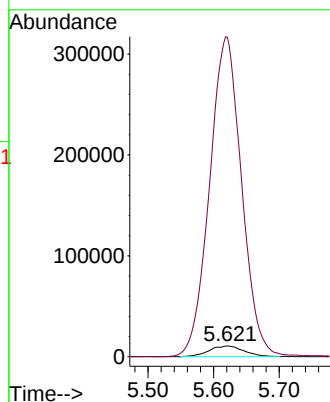
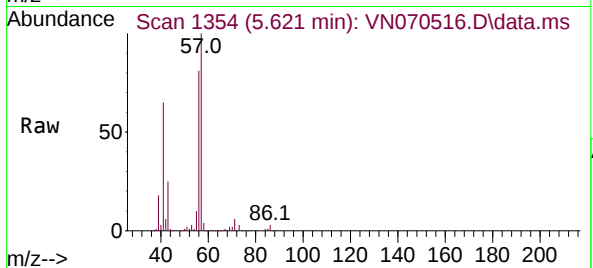
ClientSampleId :

Tgt Ion: 73 Resp: 39404

Ion Ratio Lower Upper

73 100

57 2943.6 16.8 25.2#



#20

Methylene Chloride

Concen: 0.819 ug/l

RT: 5.085 min Scan# 1154

Delta R.T. -0.010 min

Lab File: VN070516.D

Acq: 6 Jan 2022 13:55

Tgt Ion: 84 Resp: 10135

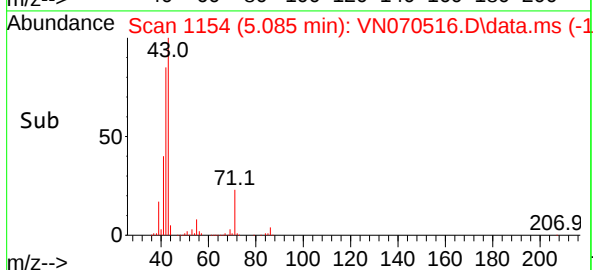
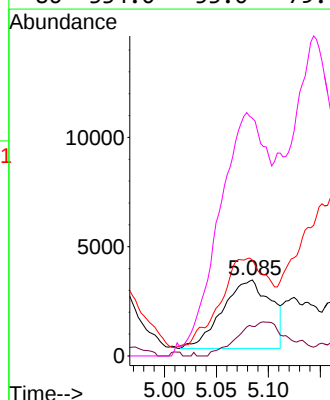
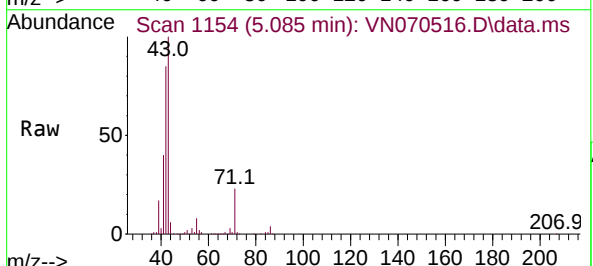
Ion Ratio Lower Upper

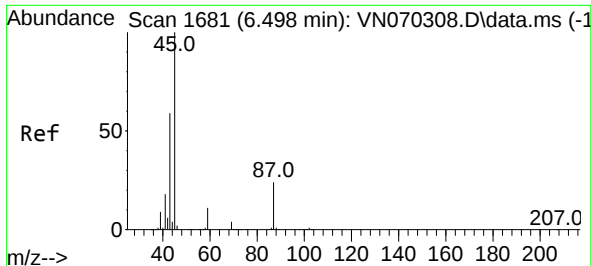
84 100

49 37.6 93.5 140.3#

51 125.3 29.4 44.2#

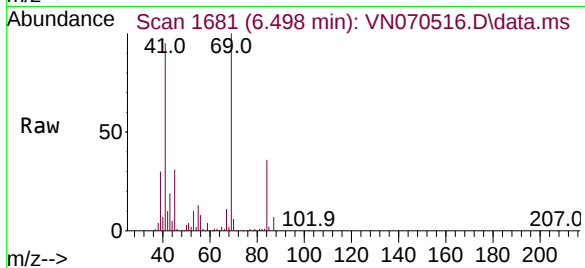
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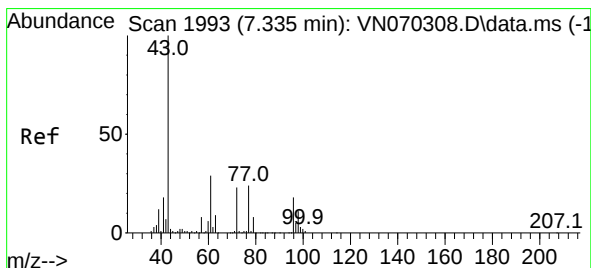
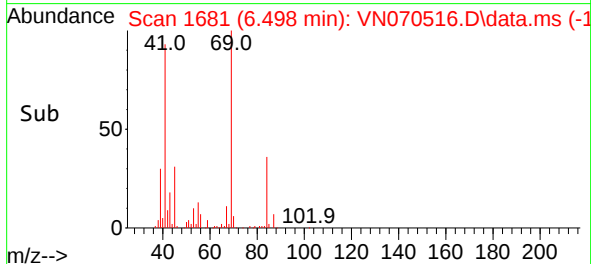
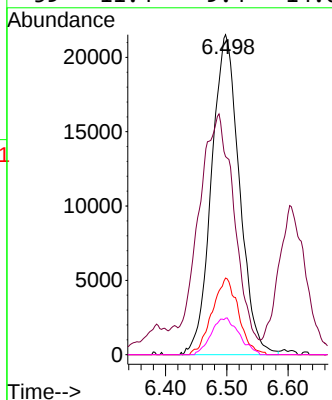


#22
Diisopropyl ether
Concen: 1.580 ug/l
RT: 6.498 min Scan# 1
Delta R.T. -0.000 min
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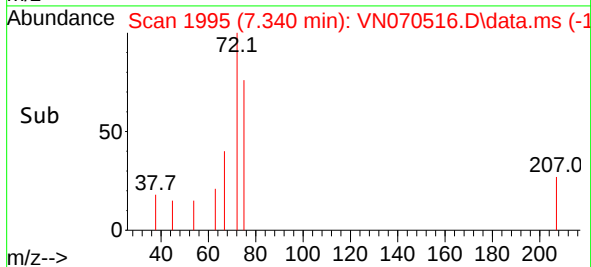
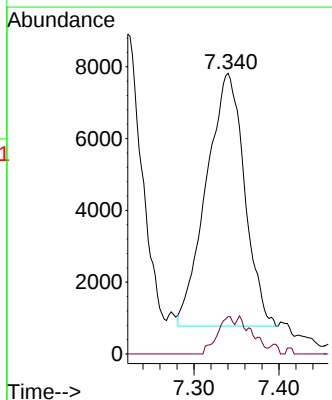
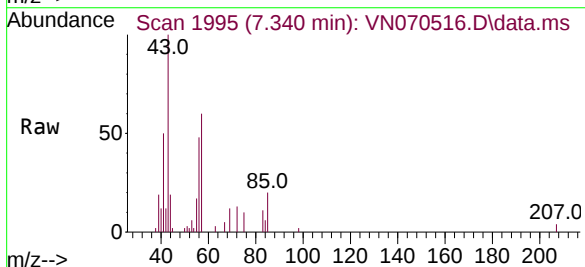


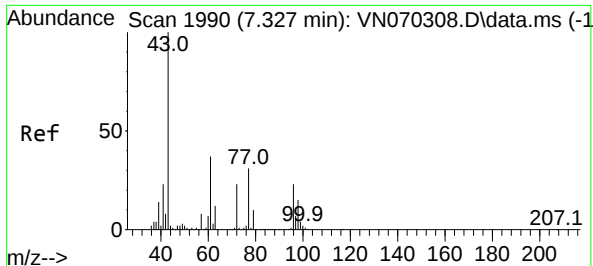
Tgt Ion:	45	Resp:	68063
Ion Ratio	Lower	Upper	
45	100		
43	53.5	51.7	77.5
87	24.0	23.2	34.8
59	11.4	9.4	14.0



#25
2-Butanone
Concen: 1.949 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. 0.005 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

Tgt Ion:	43	Resp:	21939
Ion Ratio	Lower	Upper	
43	100		
72	14.8	21.7	32.5#

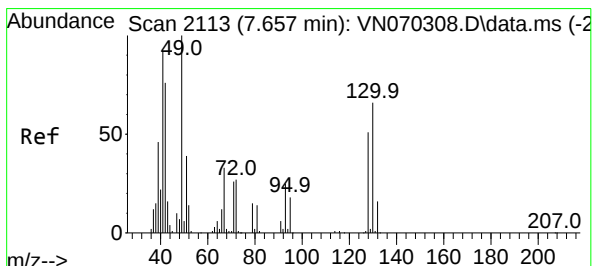
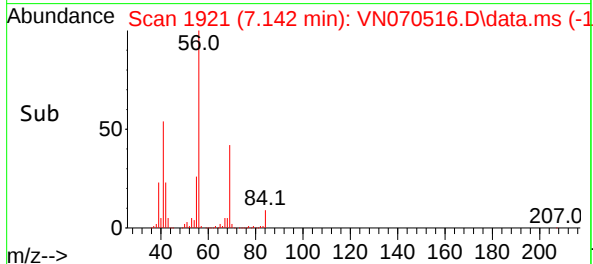
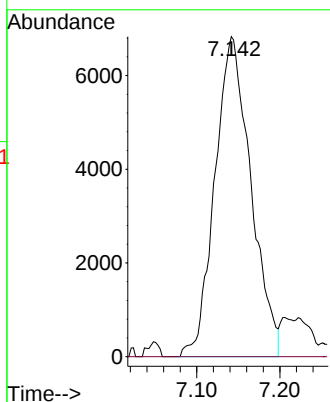
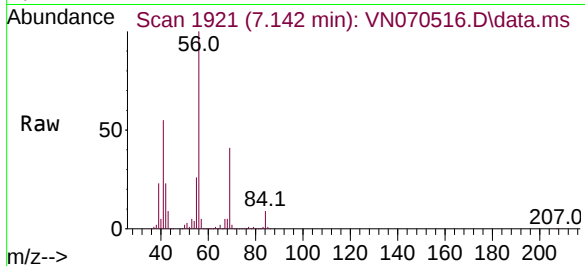




#26
2,2-Dichloropropane
Concen: 1.166 ug/l
RT: 7.142 min Scan# 1990
Delta R.T. -0.185 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

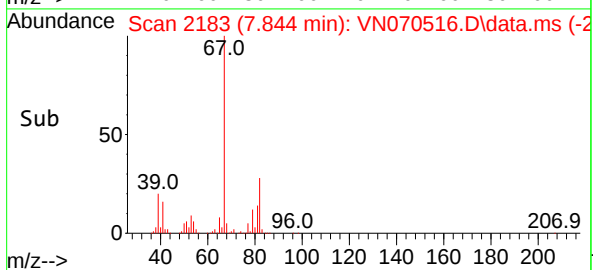
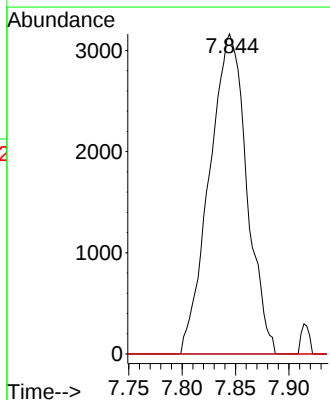
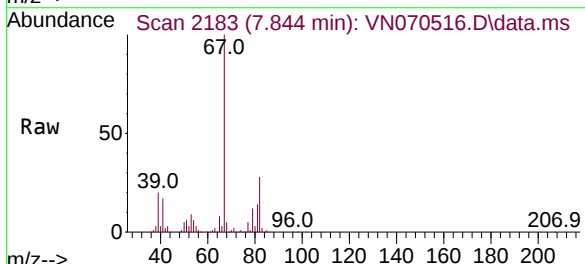
Instrument :
MSVOA_N
ClientSampleId :

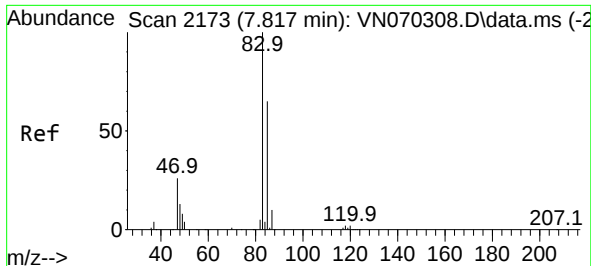
Tgt Ion: 77 Resp: 20549
Ion Ratio Lower Upper
77 100
97 0.0 11.6 34.8#



#28
Bromochloromethane
Concen: 0.707 ug/l
RT: 7.844 min Scan# 2183
Delta R.T. 0.187 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

Tgt Ion: 49 Resp: 7721
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 67.8 101.8#

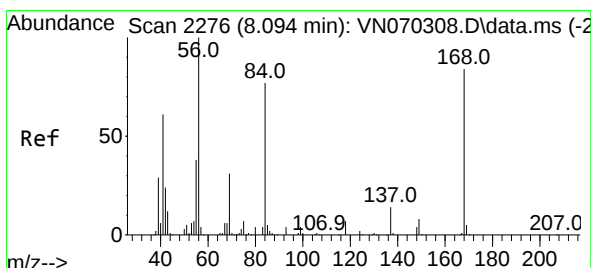
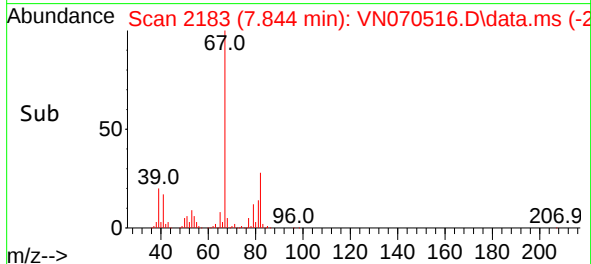
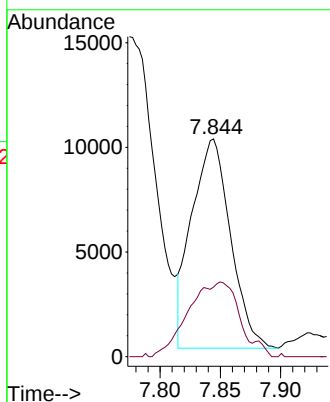
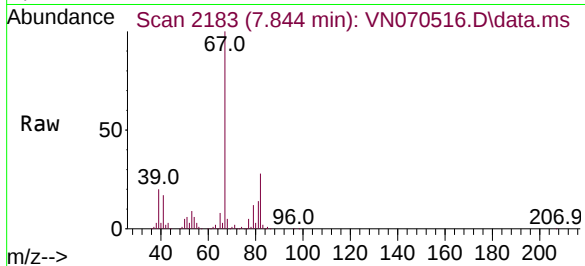




#30
Chloroform
Concen: 1.037 ug/l
RT: 7.844 min Scan# 2173
Delta R.T. 0.027 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

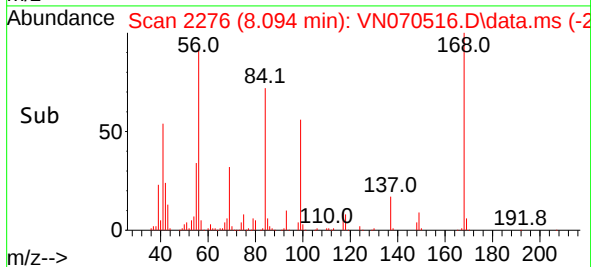
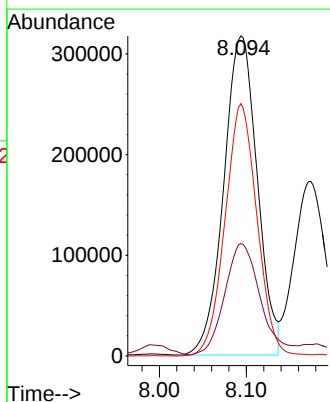
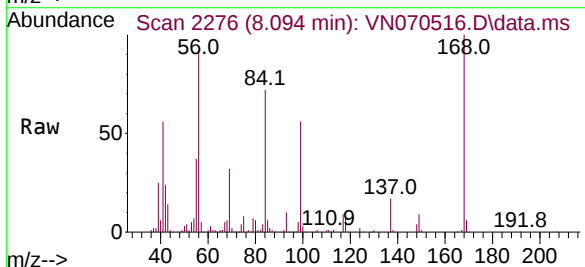
Instrument :
MSVOA_N
ClientSampleId :

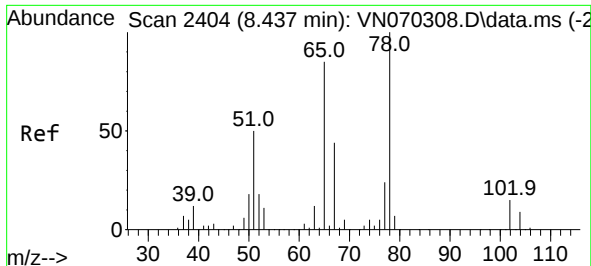
Tgt Ion: 83 Resp: 22357
Ion Ratio Lower Upper
83 100
85 33.2 51.9 77.9#



#31
Cyclohexane
Concen: 39.118 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

Tgt Ion: 56 Resp: 850322
Ion Ratio Lower Upper
56 100
69 34.0 27.1 40.7
84 79.1 73.4 110.0





#33

1,2-Dichloroethane-d4

Concen: 49.416 ug/l

RT: 8.437 min Scan# 24

Delta R.T. 0.000 min

Lab File: VN070516.D

Acq: 6 Jan 2022 13:55

Instrument :

MSVOA_N

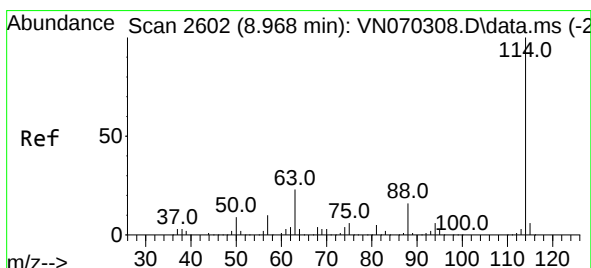
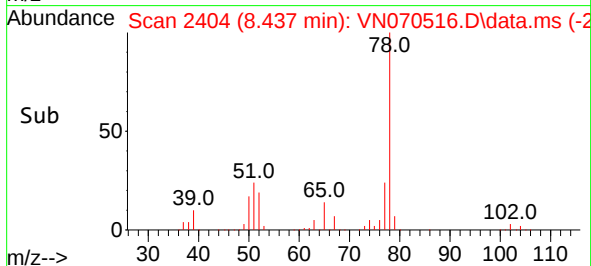
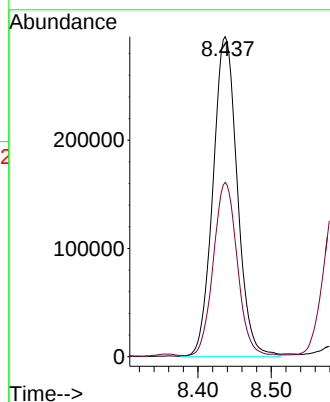
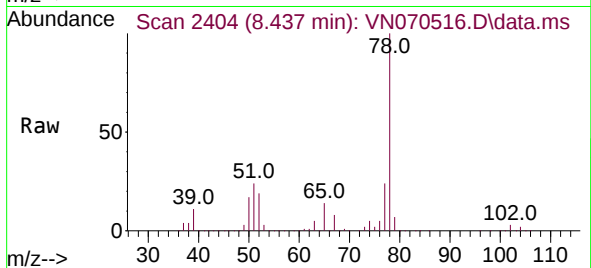
ClientSampleId :

Tgt Ion: 65 Resp: 680708

Ion Ratio Lower Upper

65 100

67 53.2 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN070516.D

Acq: 6 Jan 2022 13:55

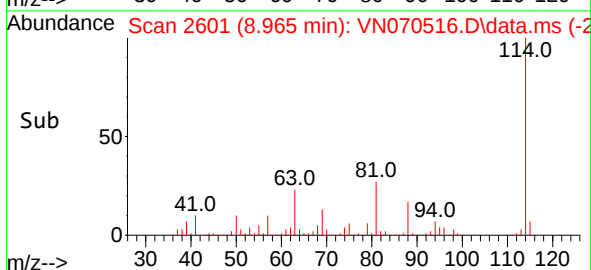
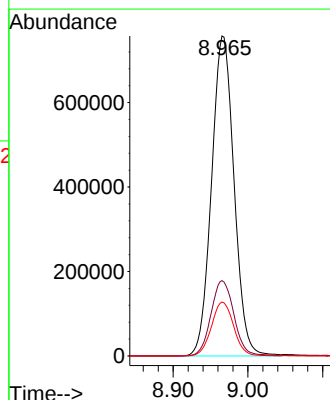
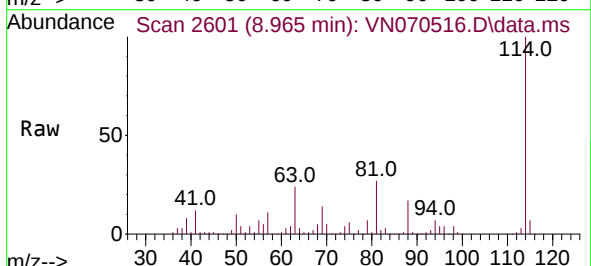
Tgt Ion: 114 Resp: 1583285

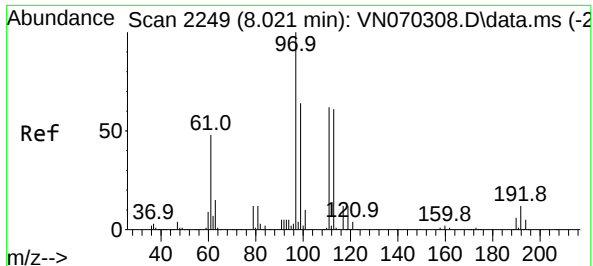
Ion Ratio Lower Upper

114 100

63 23.6 0.0 37.8

88 16.8 0.0 27.4

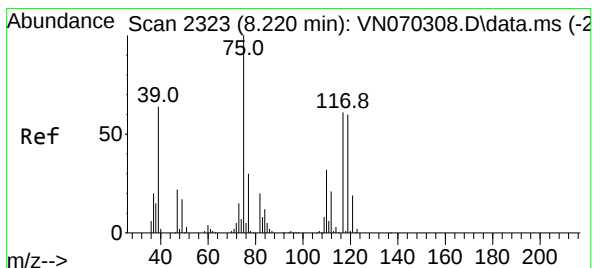
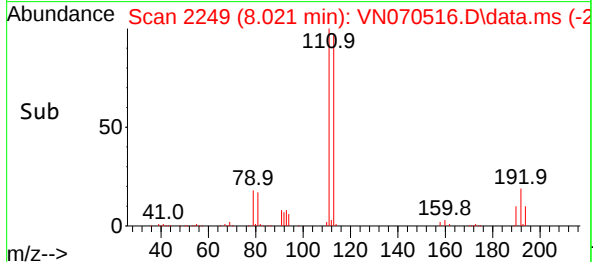
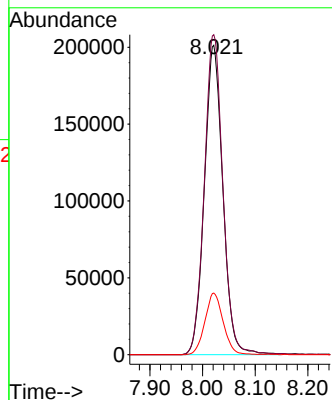
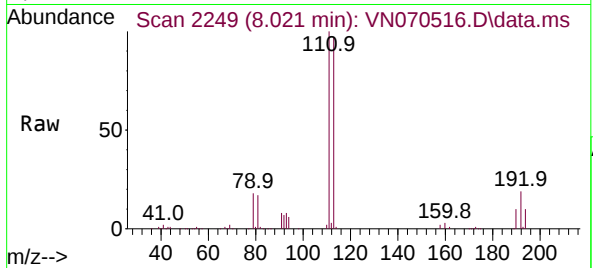




#35
Dibromofluoromethane
Concen: 51.298 ug/l
RT: 8.021 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

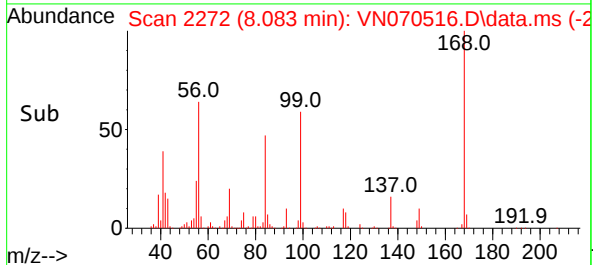
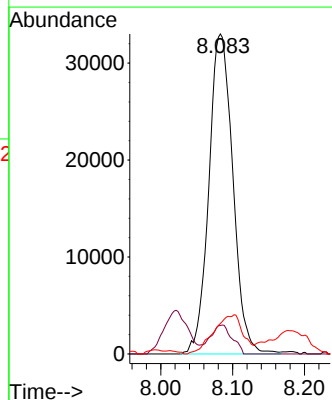
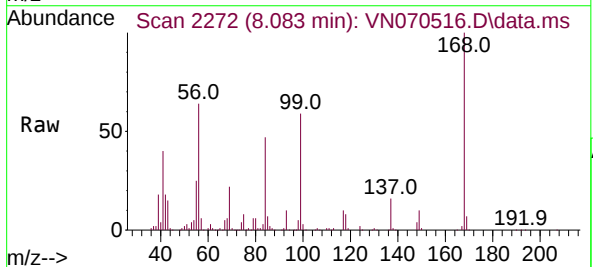
Instrument :
MSVOA_N
ClientSampleId :

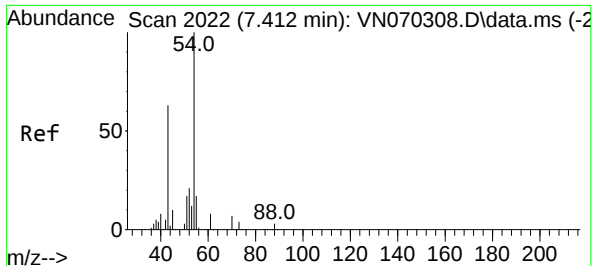
Tgt Ion:113 Resp: 491416
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.2
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.835 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.137 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

Tgt Ion: 75 Resp: 76629
Ion Ratio Lower Upper
75 100
110 8.2 18.4 55.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.068 ug/l

RT: 7.340 min Scan# 19

Delta R.T. -0.072 min

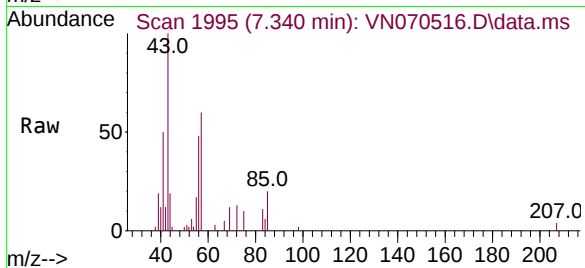
Lab File: VN070516.D

Acq: 6 Jan 2022 13:55

Instrument :

MSVOA_N

ClientSampleId :



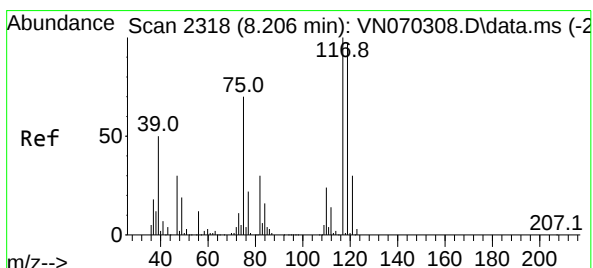
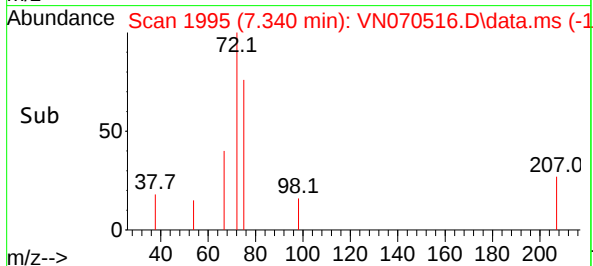
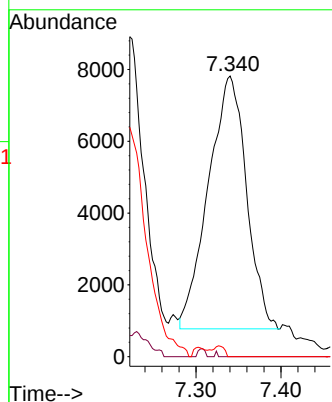
Tgt Ion: 43 Resp: 21939

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

70 0.0 7.9 11.9#



#38

Carbon Tetrachloride

Concen: 6.131 ug/l

RT: 8.083 min Scan# 2272

Delta R.T. -0.123 min

Lab File: VN070516.D

Acq: 6 Jan 2022 13:55

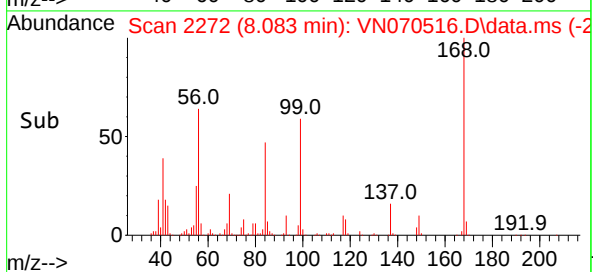
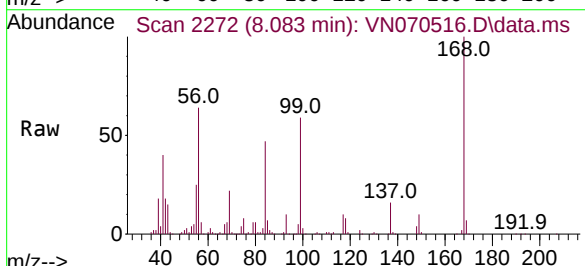
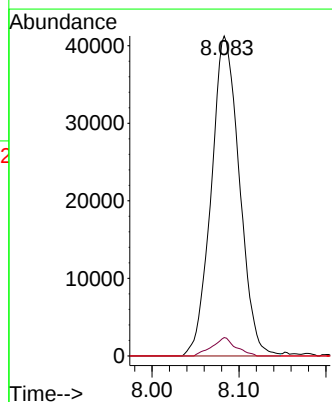
Tgt Ion: 117 Resp: 92772

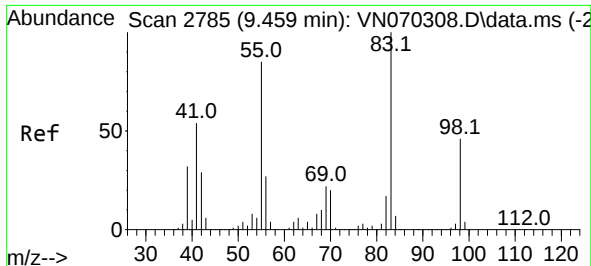
Ion Ratio Lower Upper

117 100

119 5.7 76.1 114.1#

121 0.0 24.2 36.2#

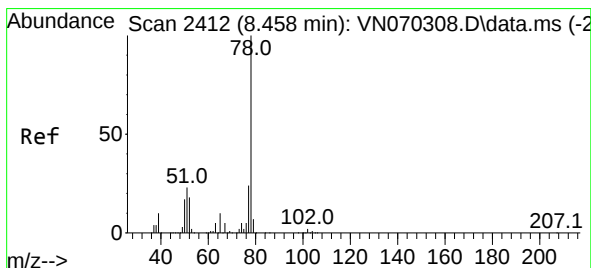
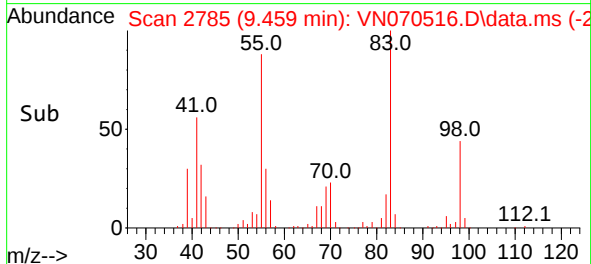
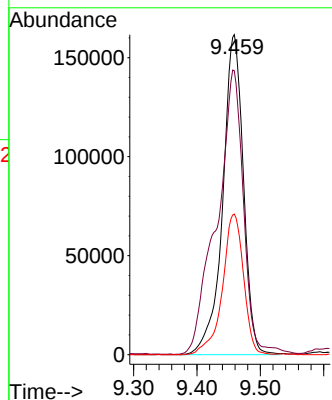
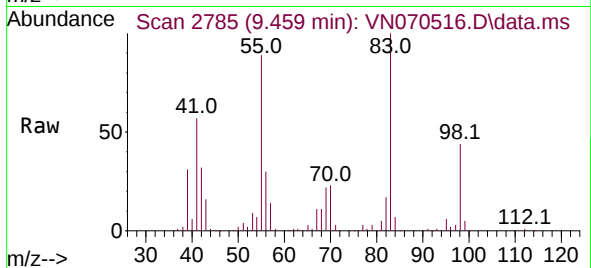




#39
Methylcyclohexane
Concen: 19.139 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

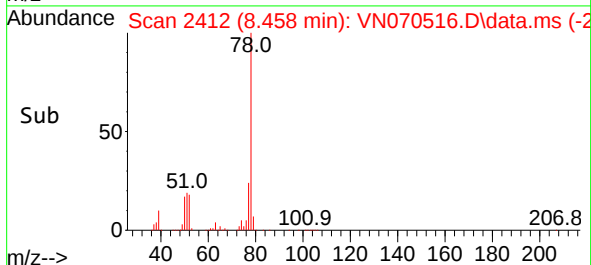
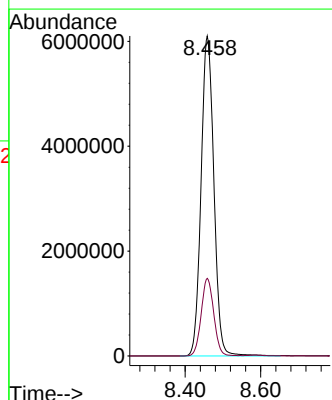
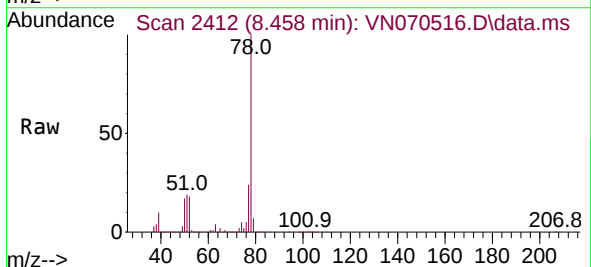
Instrument :
MSVOA_N
ClientSampleId :

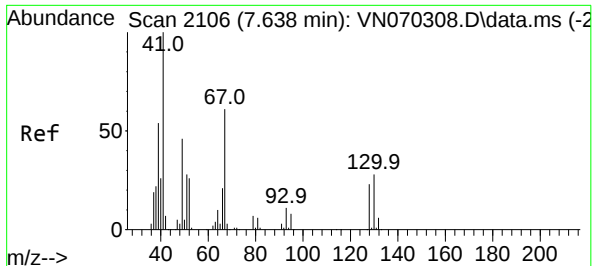
Tgt Ion: 83 Resp: 367184
Ion Ratio Lower Upper
83 100
55 88.5 58.1 87.1#
98 44.0 38.4 57.6



#40
Benzene
Concen: 296.091 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. 0.000 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

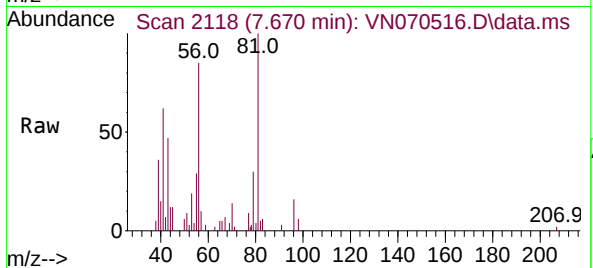
Tgt Ion: 78 Resp:14385376
Ion Ratio Lower Upper
78 100
77 24.3 18.6 27.8



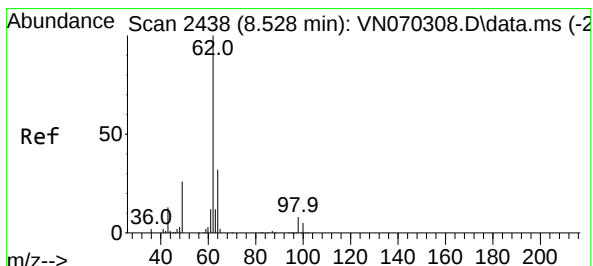
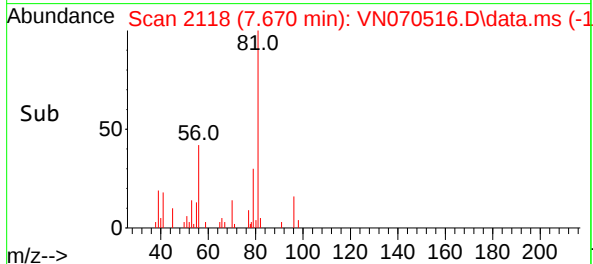
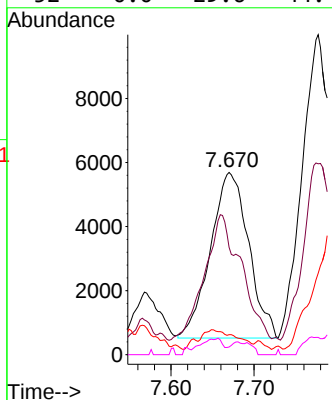


#41
Methacrylonitrile
Concen: 1.609 ug/l
RT: 7.670 min Scan# 2106
Delta R.T. 0.032 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :

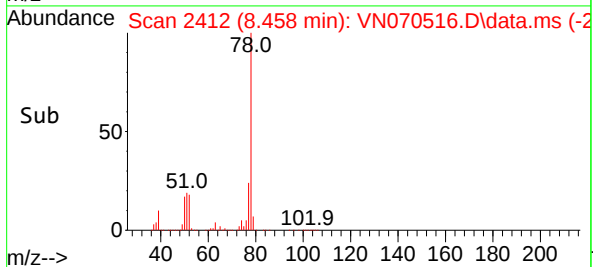
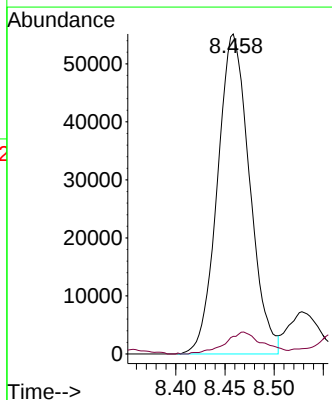
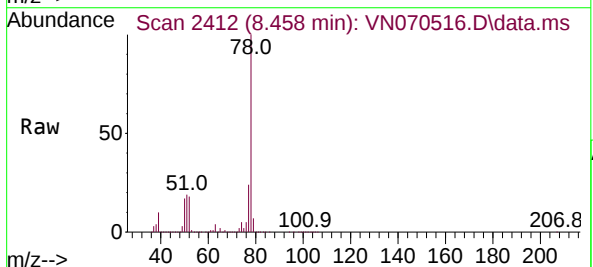


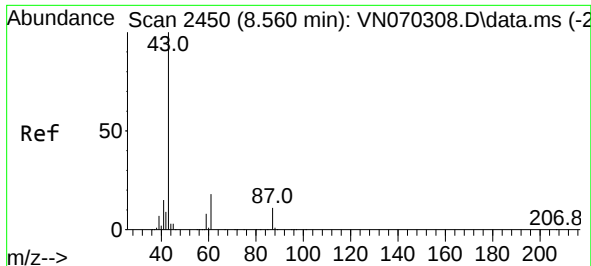
Tgt Ion: 41 Resp: 16531
Ion Ratio Lower Upper
41 100
39 73.1 48.1 72.1#
67 0.0 68.3 102.5#
52 0.0 29.6 44.4#



#42
1,2-Dichloroethane
Concen: 6.852 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.070 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

Tgt Ion: 62 Resp: 125120
Ion Ratio Lower Upper
62 100
98 8.1 0.0 17.6

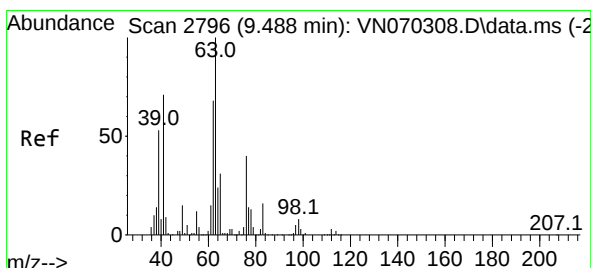
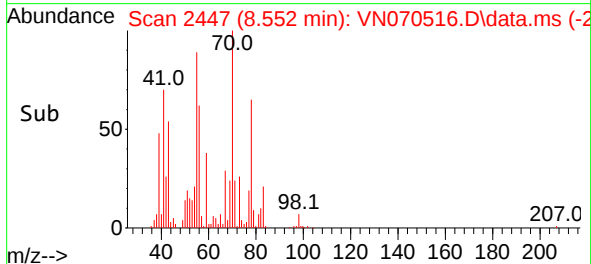
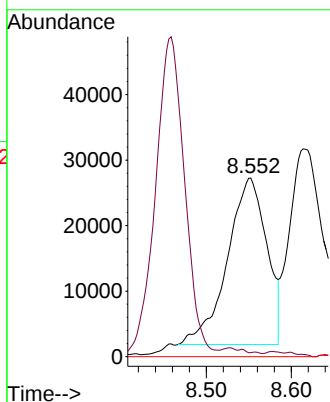
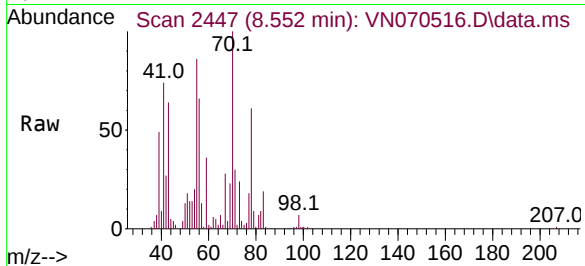




#43
Isopropyl Acetate
Concen: 2.531 ug/l
RT: 8.552 min Scan# 2450
Delta R.T. -0.008 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

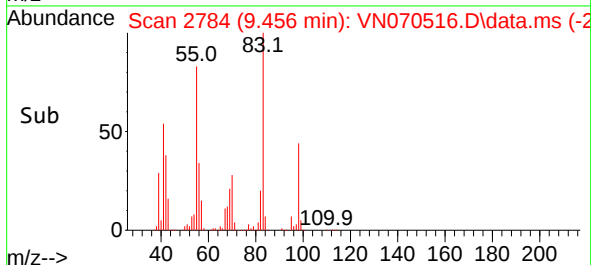
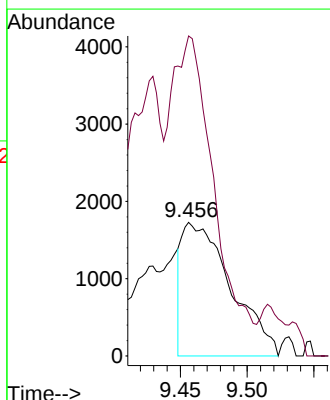
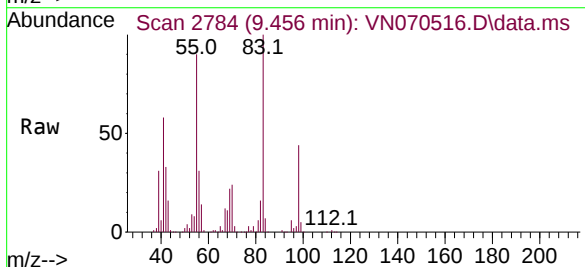
Instrument :
MSVOA_N
ClientSampleId :

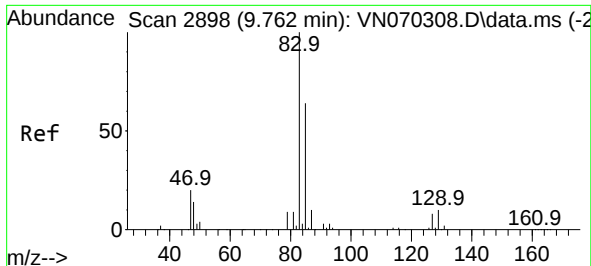
Tgt Ion: 43 Resp: 81981
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#45
1,2-Dichloropropane
Concen: 0.337 ug/l
RT: 9.456 min Scan# 2784
Delta R.T. -0.032 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

Tgt Ion: 63 Resp: 4407
Ion Ratio Lower Upper
63 100
65 211.6 24.7 37.1#

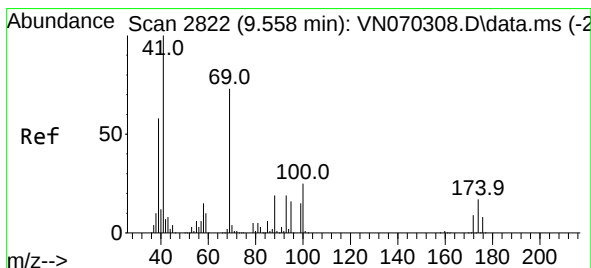
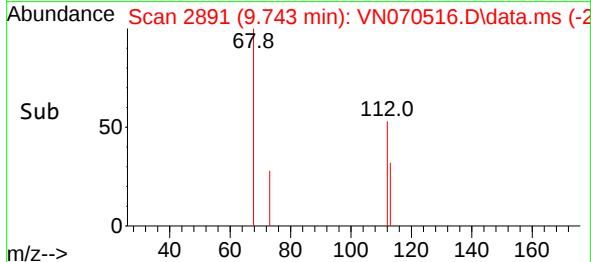
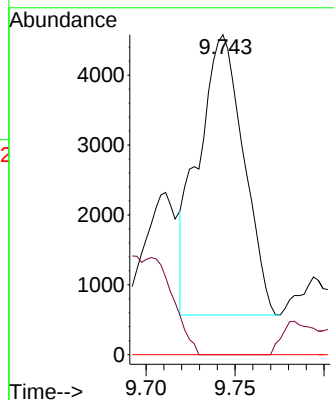
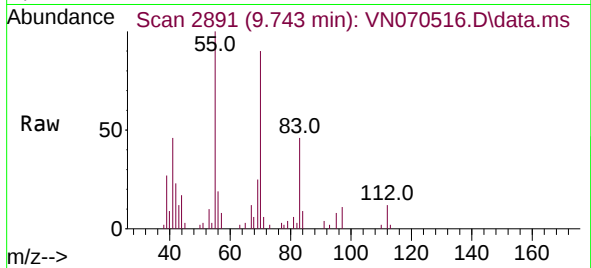




#47
Bromodichloromethane
Concen: 0.439 ug/l
RT: 9.743 min Scan# 2891
Delta R.T. -0.019 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

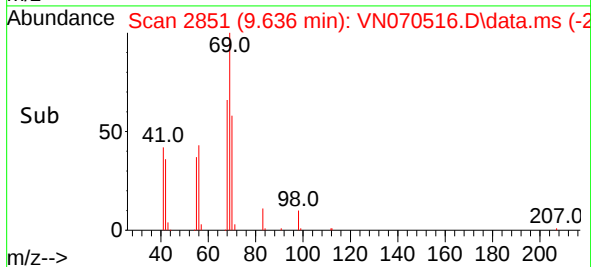
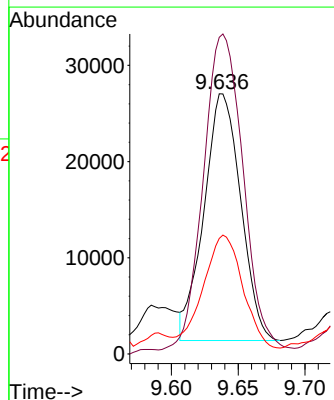
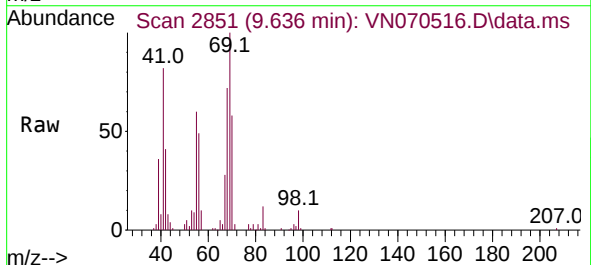
Instrument :
MSVOA_N
ClientSampleId :

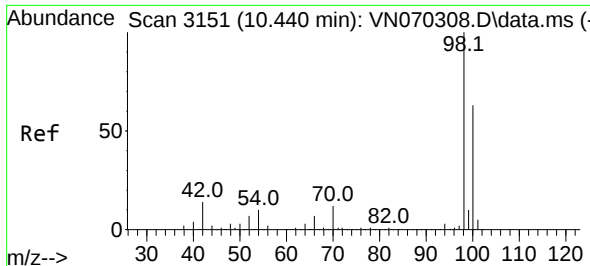
Tgt Ion: 83 Resp: 7086
Ion Ratio Lower Upper
83 100
85 0.0 50.9 76.3#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 3.179 ug/l
RT: 9.636 min Scan# 2851
Delta R.T. 0.078 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

Tgt Ion: 41 Resp: 49111
Ion Ratio Lower Upper
41 100
69 138.4 72.4 108.6#
39 48.9 58.4 87.6#

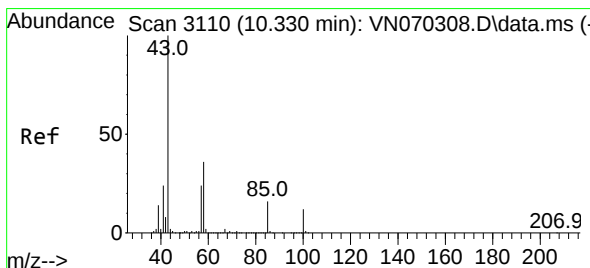
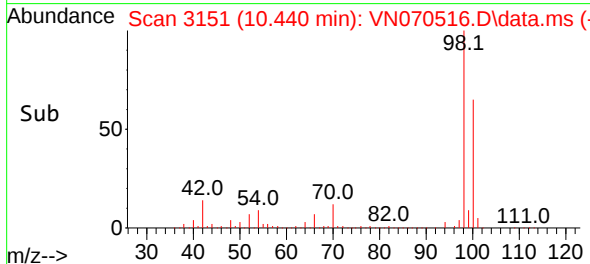
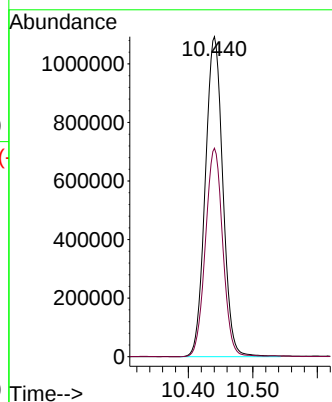
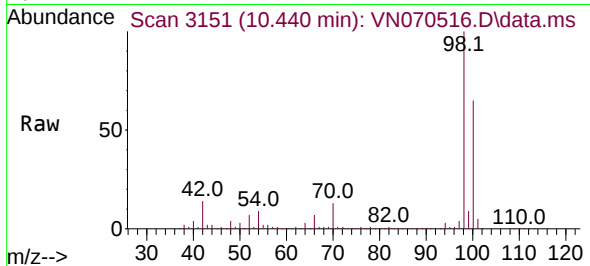




#50
Toluene-d8
Concen: 52.776 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

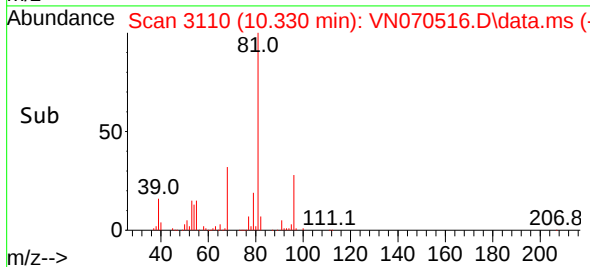
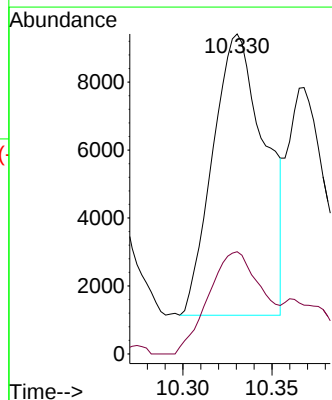
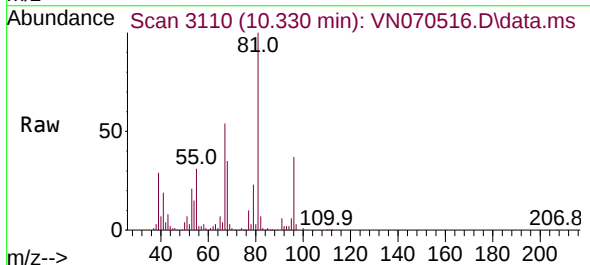
Instrument :
MSVOA_N
ClientSampleId :

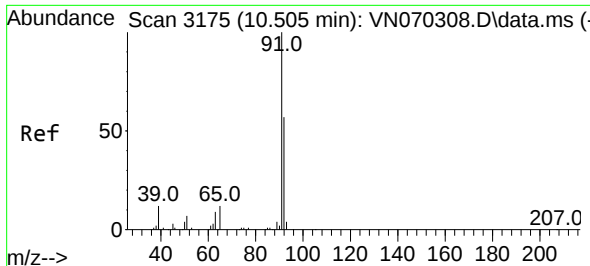
Tgt Ion: 98 Resp: 2065333
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.827 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

Tgt Ion: 43 Resp: 16820
Ion Ratio Lower Upper
43 100
58 38.4 30.4 45.6

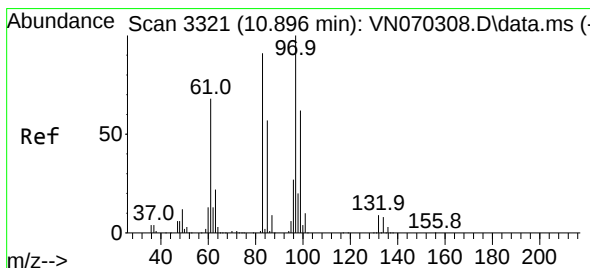
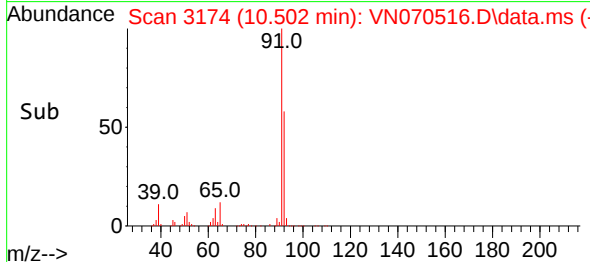
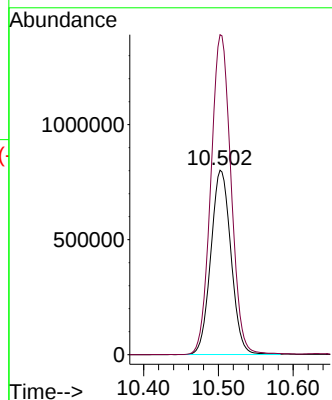
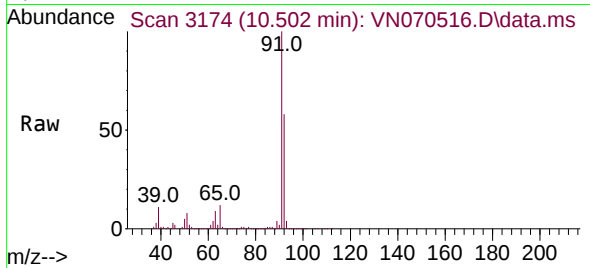




#52
Toluene
Concen: 50.960 ug/l
RT: 10.502 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

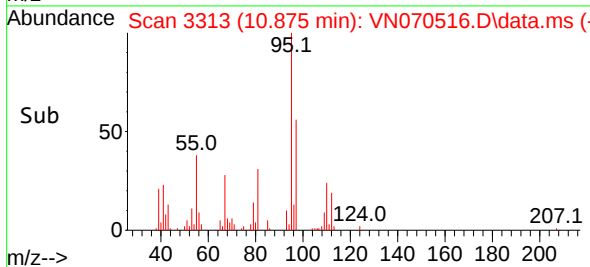
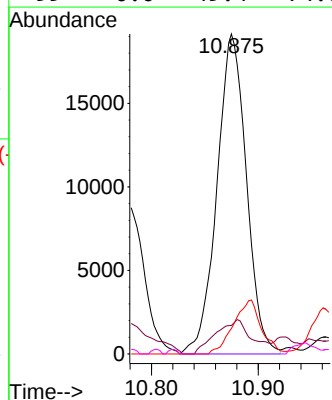
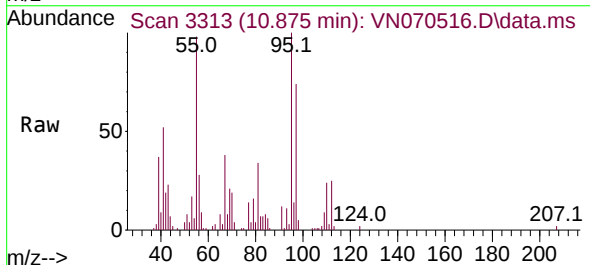
Instrument :
MSVOA_N
ClientSampleId :

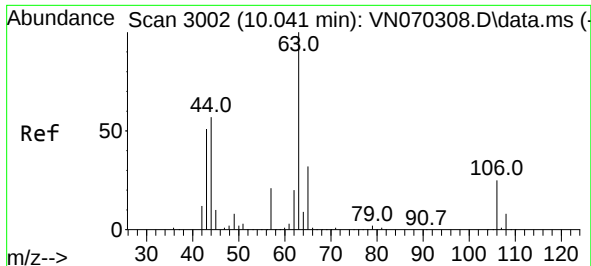
Tgt Ion: 92 Resp: 1498628
Ion Ratio Lower Upper
92 100
91 174.5 142.0 213.0



#55
1,1,2-Trichloroethane
Concen: 3.148 ug/l
RT: 10.875 min Scan# 3313
Delta R.T. -0.021 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

Tgt Ion: 97 Resp: 36629
Ion Ratio Lower Upper
97 100
83 8.0 67.8 101.6#
85 8.0 45.4 68.2#
99 0.0 49.4 74.0#

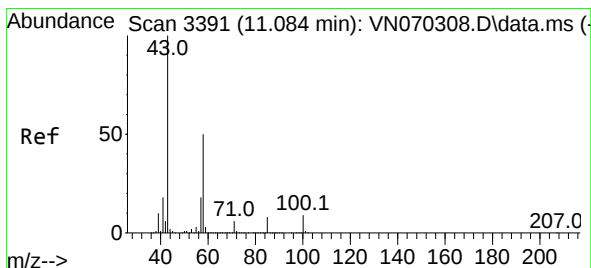
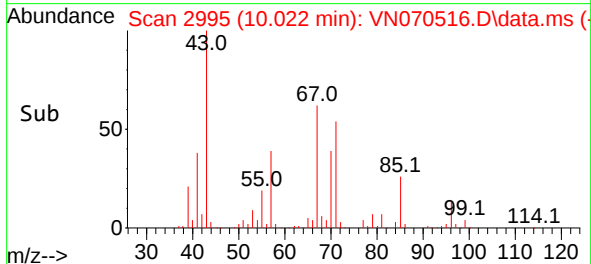
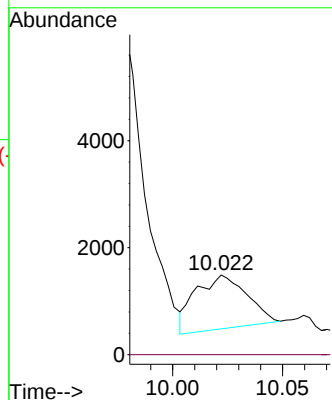
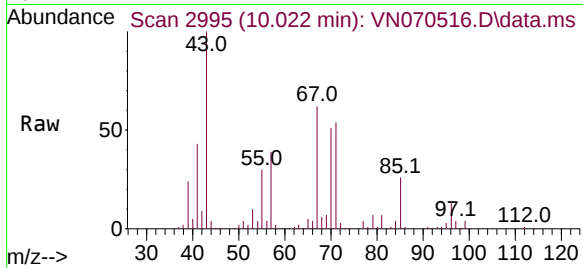




#58
2-Chloroethyl Vinyl ether
Concen: 18.823 ug/l
RT: 10.022 min Scan# 2995
Delta R.T. -0.019 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

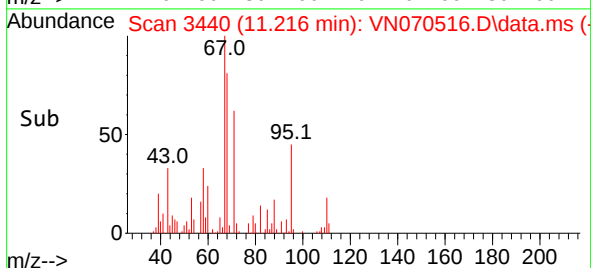
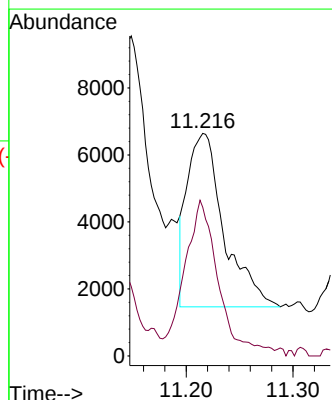
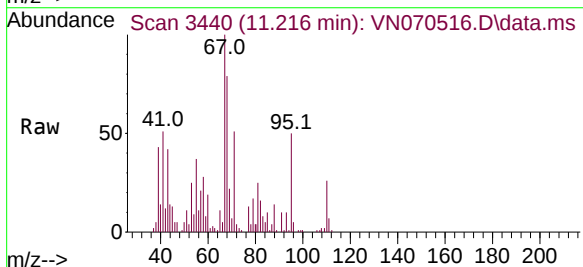
Instrument :
MSVOA_N
ClientSampleId :

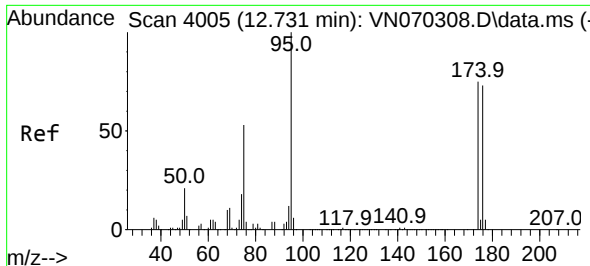
Tgt Ion: 63 Resp: 1643
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 0.837 ug/l
RT: 11.216 min Scan# 3440
Delta R.T. 0.132 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

Tgt Ion: 43 Resp: 12414
Ion Ratio Lower Upper
43 100
58 76.8 26.9 80.7

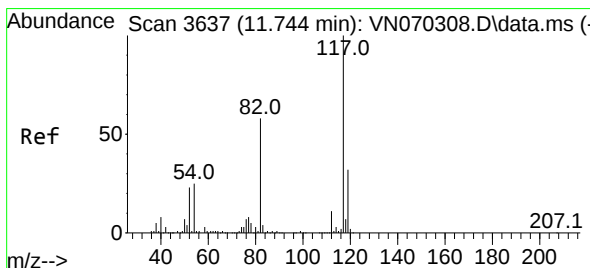
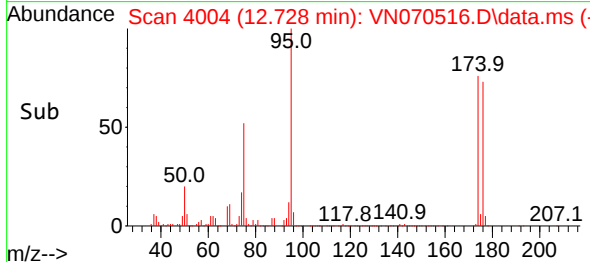
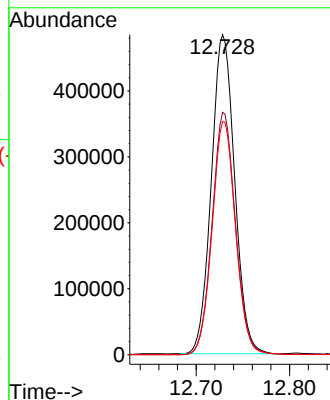
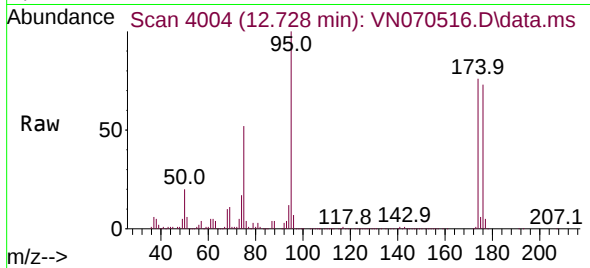




#62
4-Bromofluorobenzene
Concen: 59.434 ug/l
RT: 12.728 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

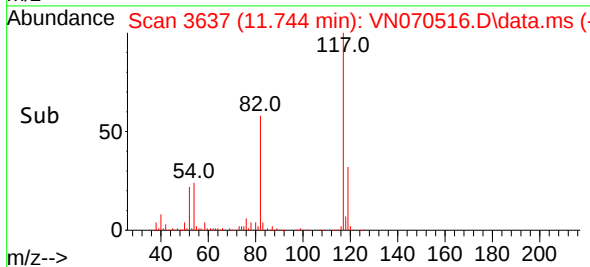
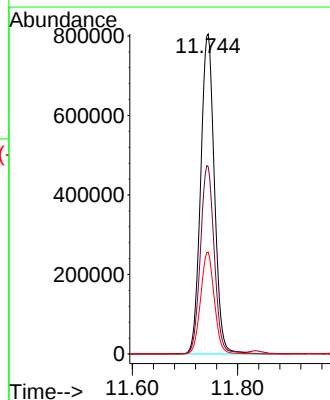
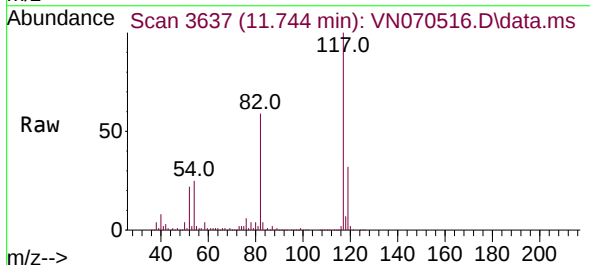
Instrument :
MSVOA_N
ClientSampleId :

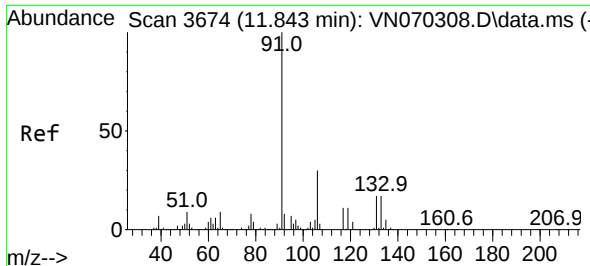
Tgt Ion: 95 Resp: 840058
Ion Ratio Lower Upper
95 100
174 76.1 0.0 187.2
176 73.3 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

Tgt Ion: 117 Resp: 1458995
Ion Ratio Lower Upper
117 100
82 58.4 42.4 63.6
119 31.8 25.4 38.2

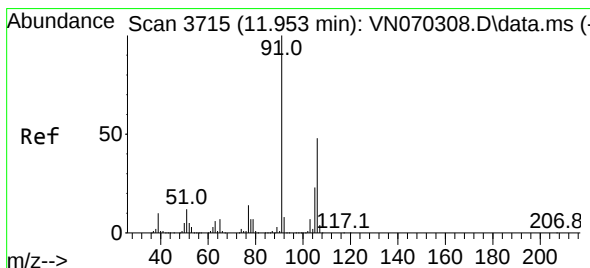
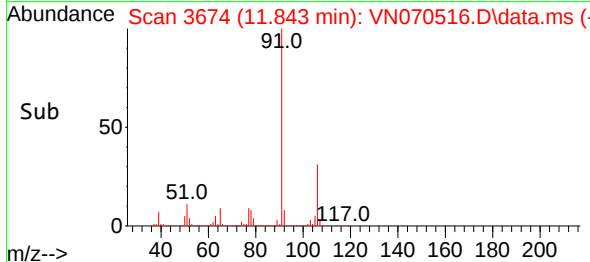
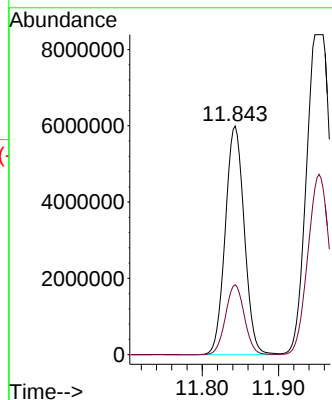
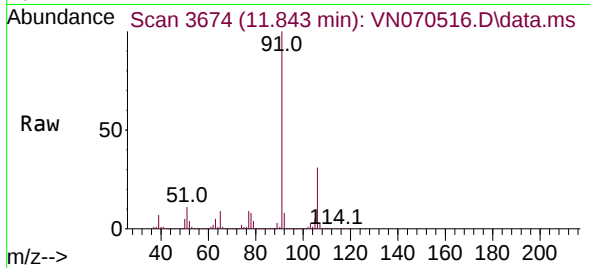




#67
Ethyl Benzene
Concen: 183.121 ug/l
RT: 11.843 min Scan# 3013
Delta R.T. 0.000 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

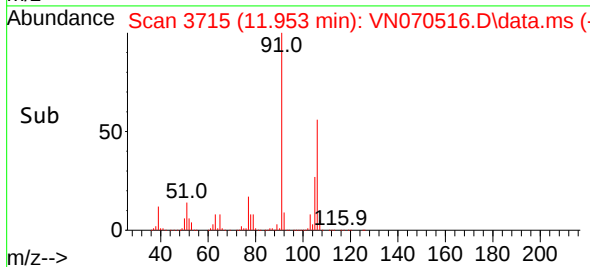
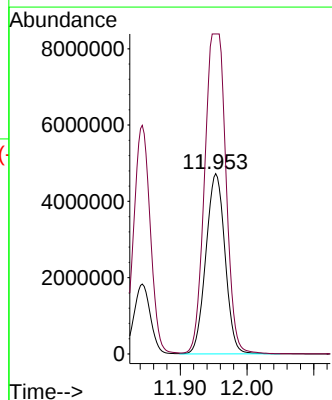
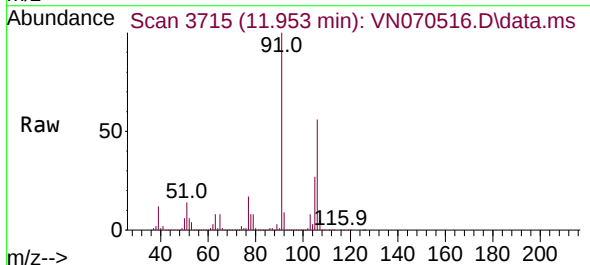
Instrument :
MSVOA_N
ClientSampleId :

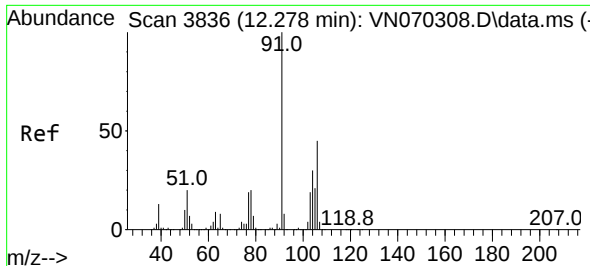
Tgt Ion: 91 Resp:10386565
Ion Ratio Lower Upper
91 100
106 30.6 25.7 38.5



#68
m/p-Xylenes
Concen: 455.527 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

Tgt Ion:106 Resp: 9404959
Ion Ratio Lower Upper
106 100
91 0.0 160.6 240.8#

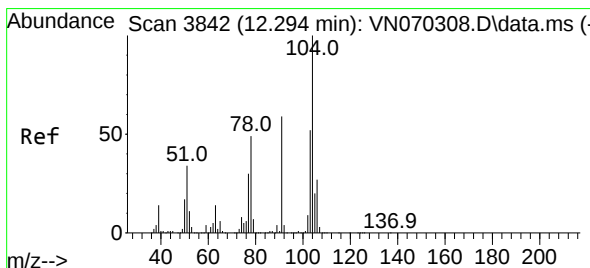
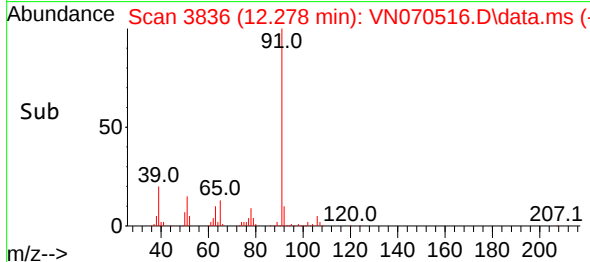
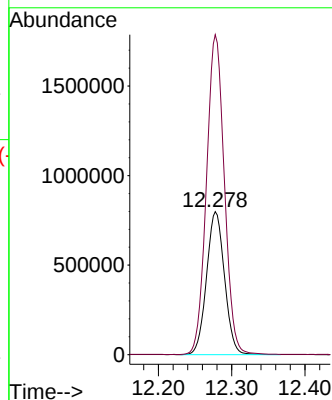
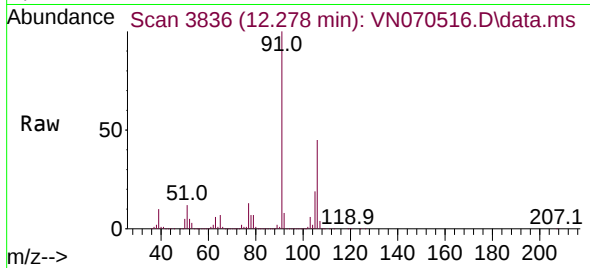




#69
o-Xylene
Concen: 66.174 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

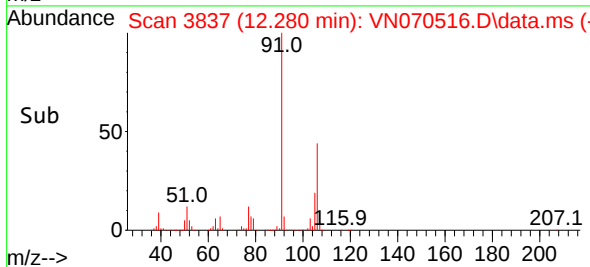
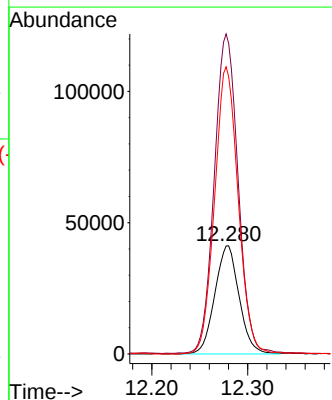
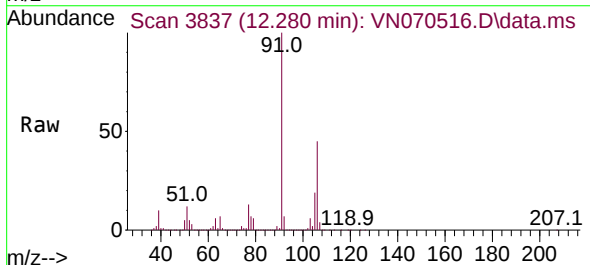
Instrument :
MSVOA_N
ClientSampleId :

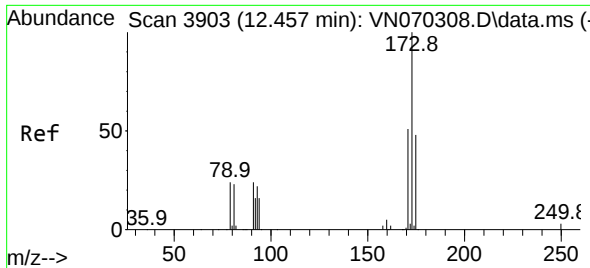
Tgt Ion:106 Resp: 1358946
Ion Ratio Lower Upper
106 100
91 223.0 105.8 317.3



#70
Styrene
Concen: 2.231 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.014 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

Tgt Ion:104 Resp: 72502
Ion Ratio Lower Upper
104 100
78 288.4 38.7 58.1#
103 257.9 45.0 67.6#

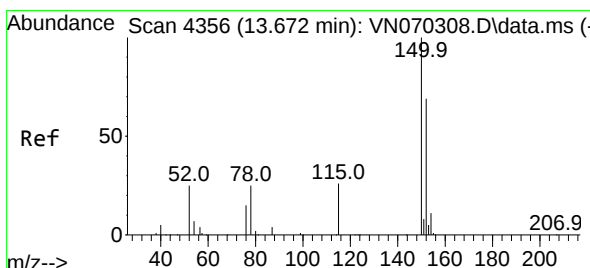
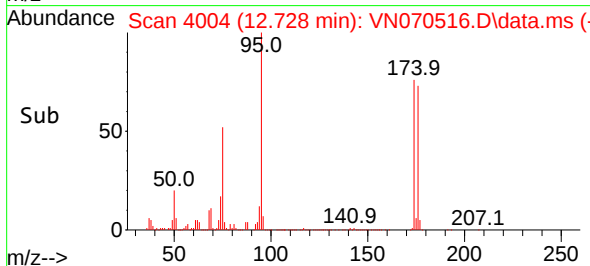
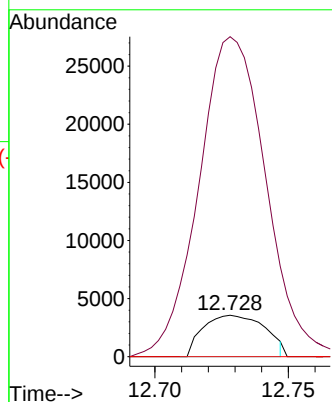
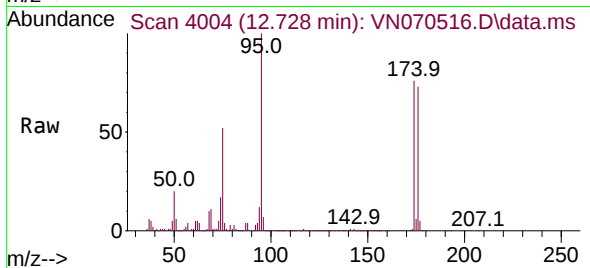




#71
Bromoform
Concen: 0.703 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.271 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

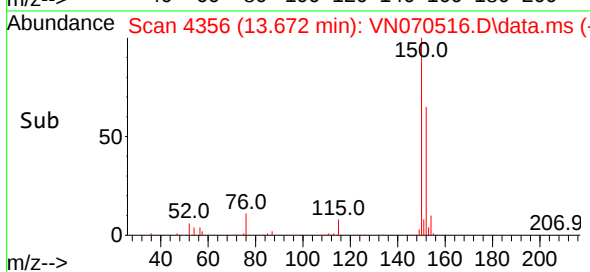
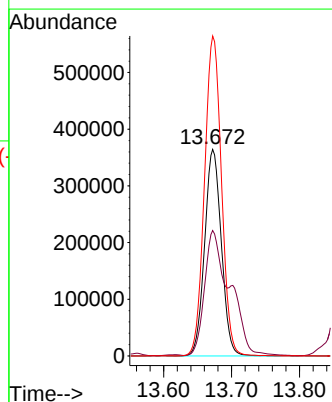
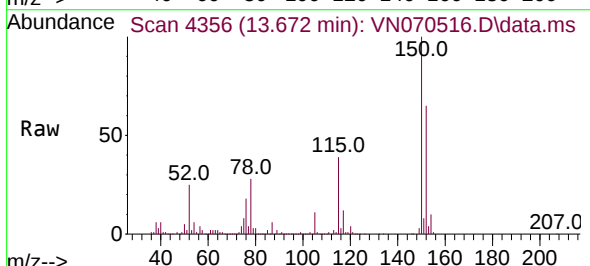
Instrument :
MSVOA_N
ClientSampleId :

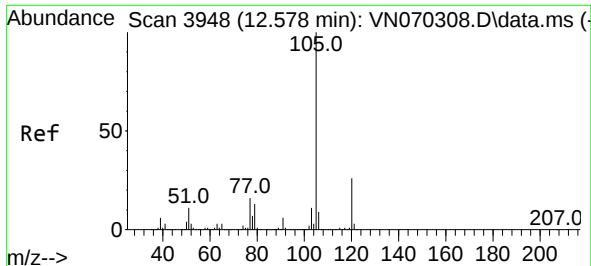
Tgt Ion:173 Resp: 5767
Ion Ratio Lower Upper
173 100
175 789.0 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

Tgt Ion:152 Resp: 622681
Ion Ratio Lower Upper
152 100
115 65.0 27.5 82.5
150 157.1 0.0 344.4

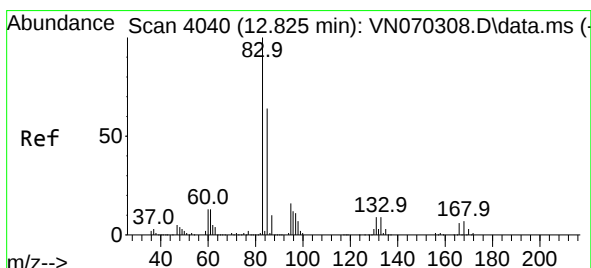
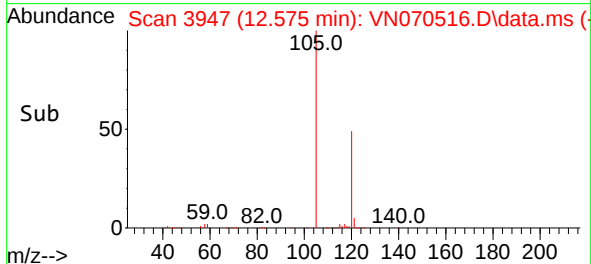
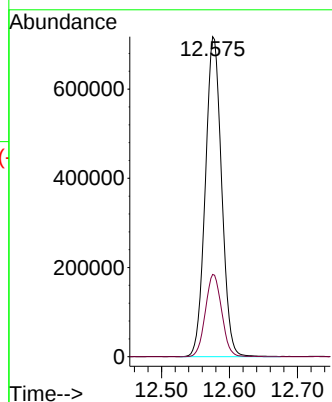
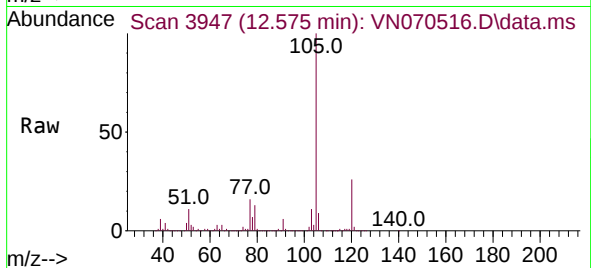




#73
Isopropylbenzene
Concen: 20.635 ug/l
RT: 12.575 min Scan# 3947
Delta R.T. -0.003 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

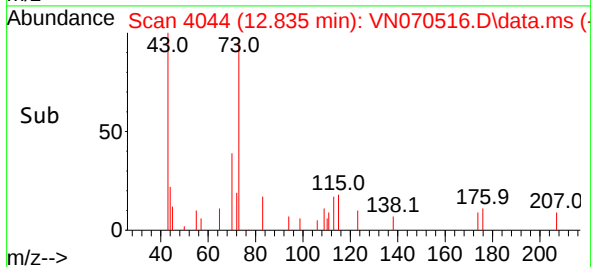
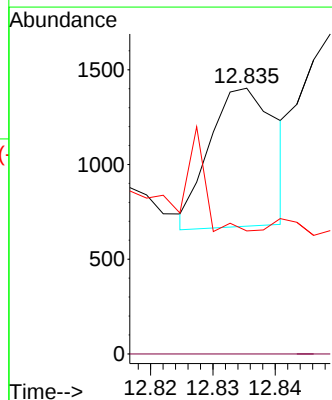
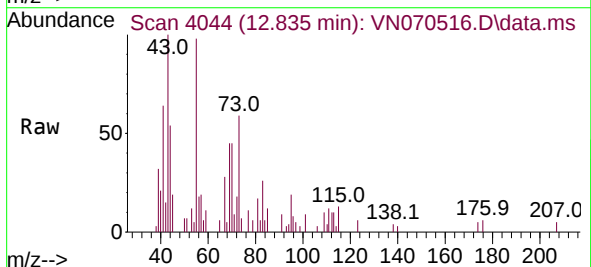
Instrument :
MSVOA_N
ClientSampleId :

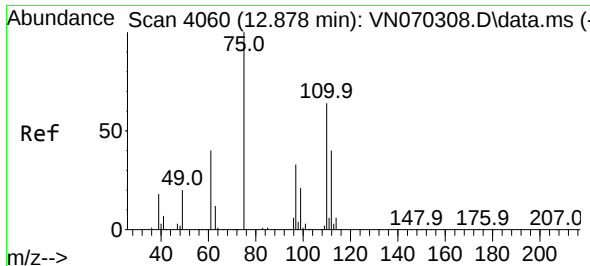
Tgt Ion:105 Resp: 1193206
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1



#75
1,1,2,2-Tetrachloroethane
Concen: 0.473 ug/l
RT: 12.835 min Scan# 4044
Delta R.T. 0.010 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

Tgt Ion: 83 Resp: 540
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 0.0 32.4 97.2#

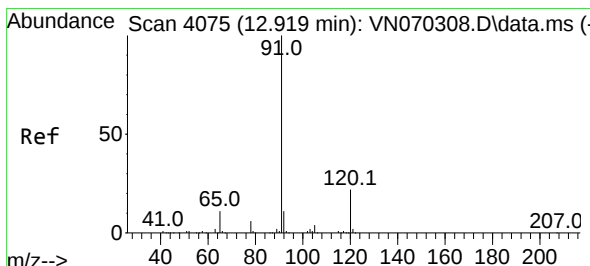
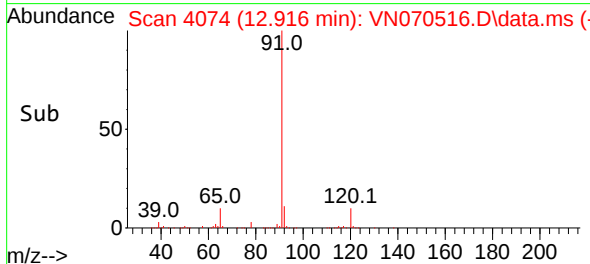
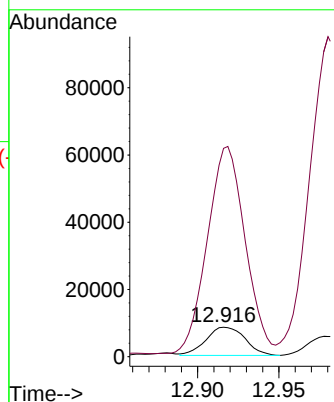
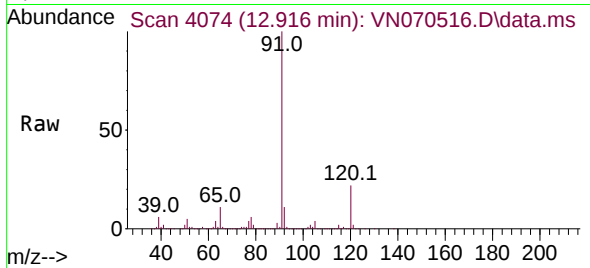




#76
1,2,3-Trichloropropane
Concen: 3.452 ug/l
RT: 12.916 min Scan# 4060
Delta R.T. 0.038 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

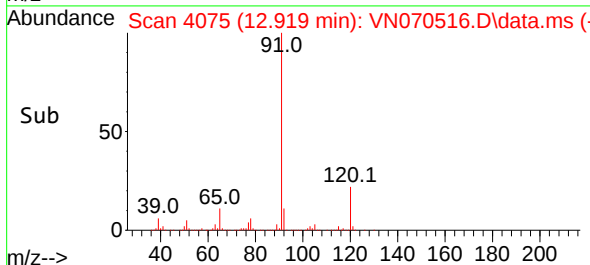
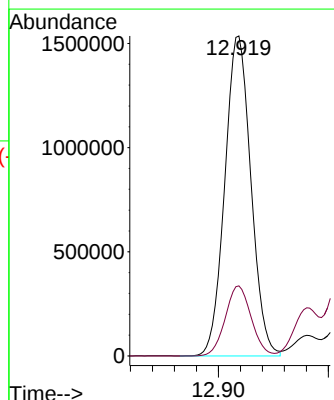
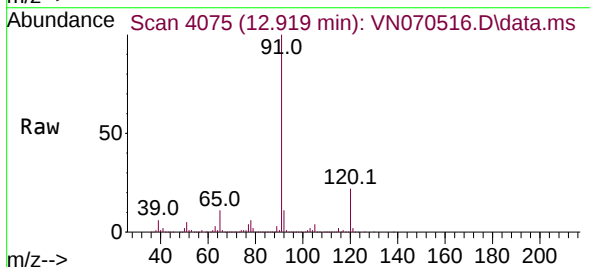
Instrument :
MSVOA_N
ClientSampleId :

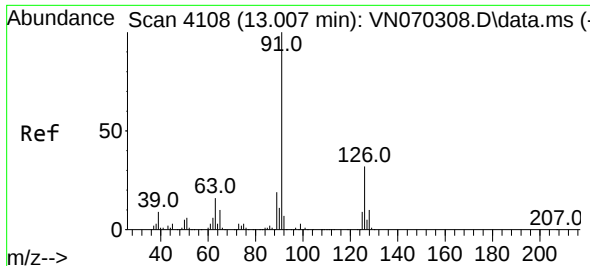
Tgt Ion: 75 Resp: 14003
Ion Ratio Lower Upper
75 100
77 711.8 82.6 247.8#



#78
n-propylbenzene
Concen: 39.551 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

Tgt Ion: 91 Resp: 2533991
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.9

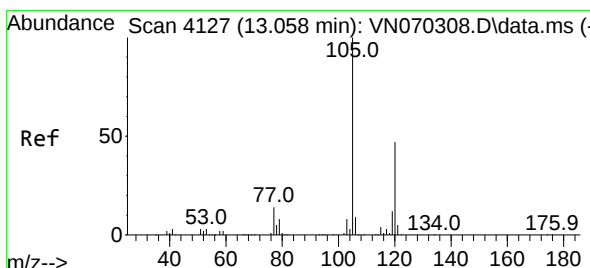
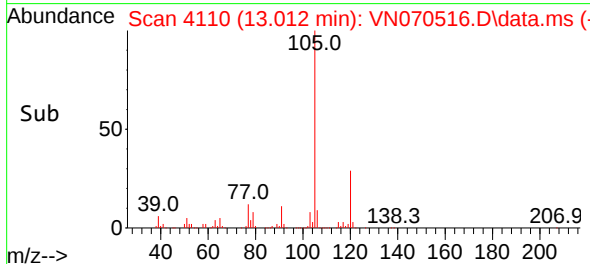
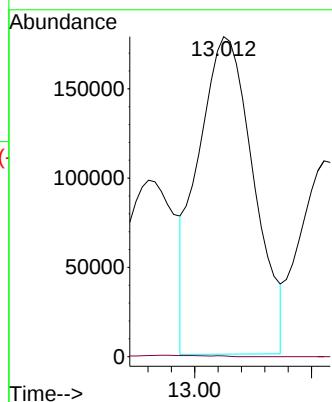
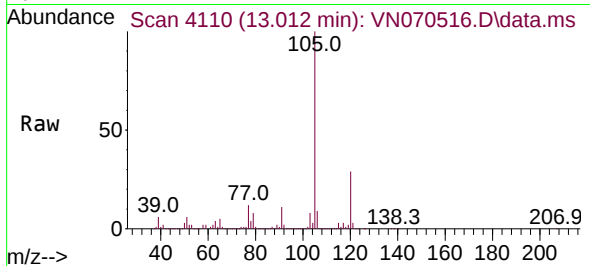




#79
2-Chlorotoluene
Concen: 7.133 ug/l
RT: 13.012 min Scan# 4110
Delta R.T. 0.005 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

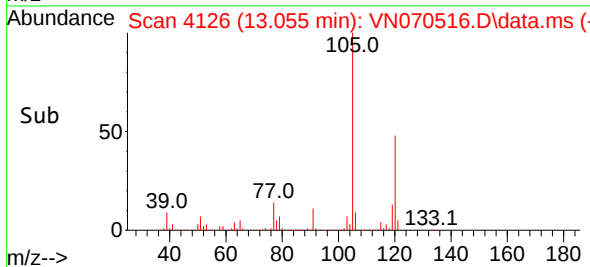
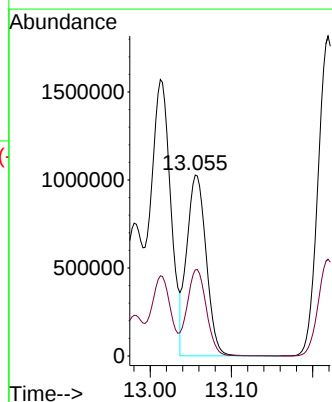
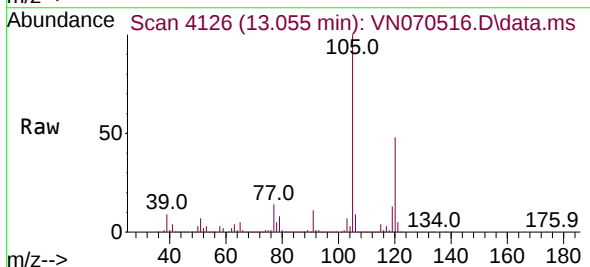
Instrument :
MSVOA_N
ClientSampleId :

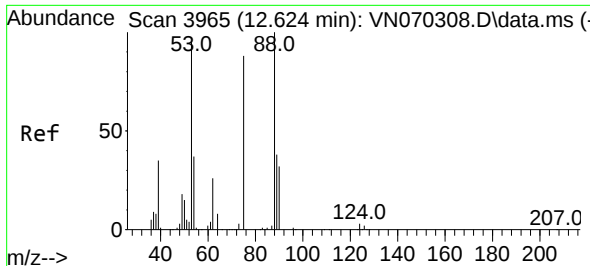
Tgt Ion: 91 Resp: 293209
Ion Ratio Lower Upper
91 100
126 0.0 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 36.666 ug/l
RT: 13.055 min Scan# 4126
Delta R.T. -0.003 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

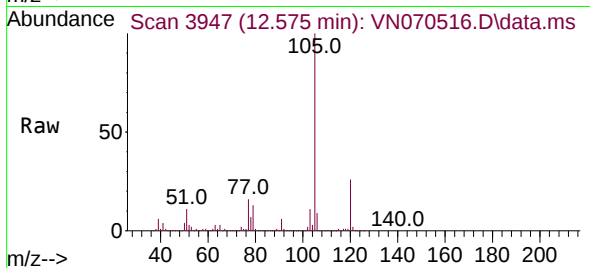
Tgt Ion:105 Resp: 1699021
Ion Ratio Lower Upper
105 100
120 47.1 24.6 73.6



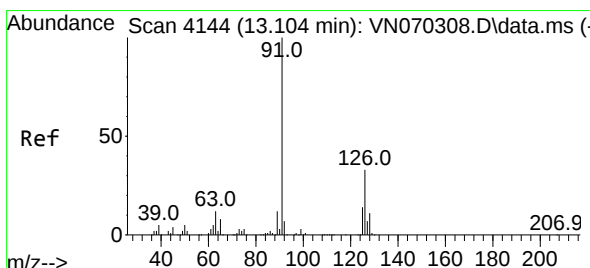
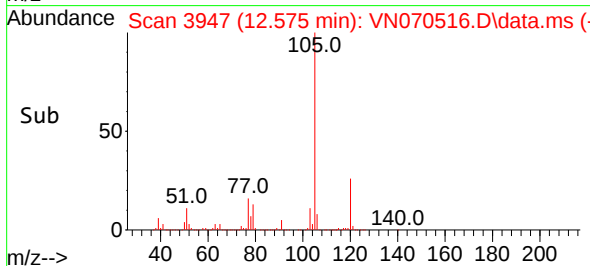
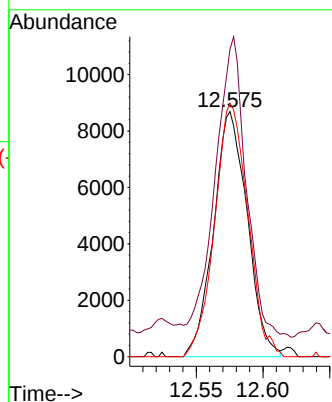


#81
trans-1,4-Dichloro-2-butene
Concen: 2.985 ug/l
RT: 12.575 min Scan# 3965
Delta R.T. -0.049 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :

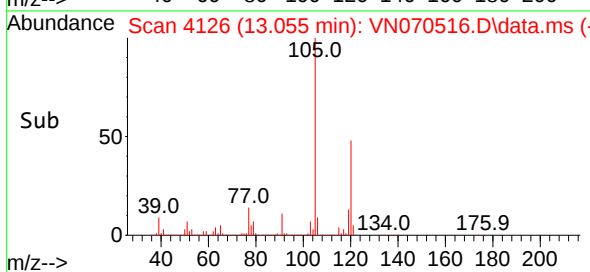
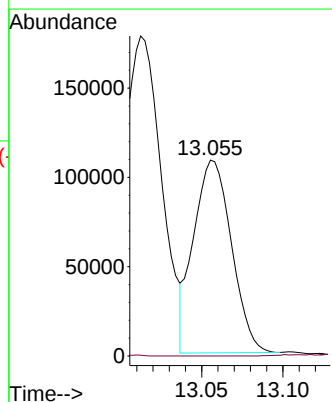
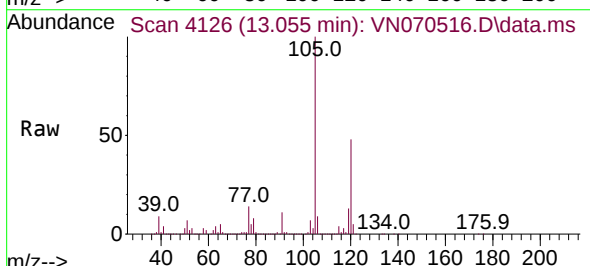


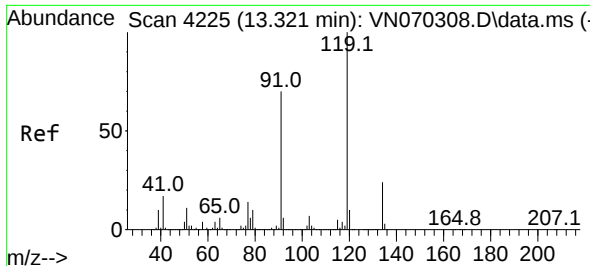
Tgt Ion: 75 Resp: 15213
Ion Ratio Lower Upper
75 100
53 114.5 90.5 135.7
89 102.1 38.2 57.4#



#82
4-Chlorotoluene
Concen: 4.541 ug/l
RT: 13.055 min Scan# 4126
Delta R.T. -0.049 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

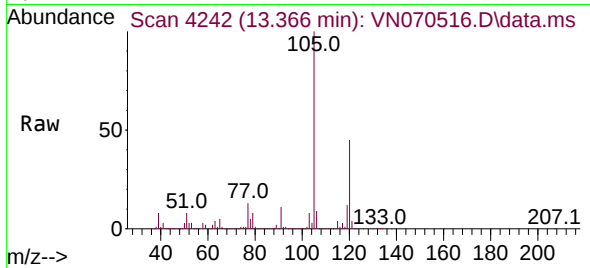
Tgt Ion: 91 Resp: 174872
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#



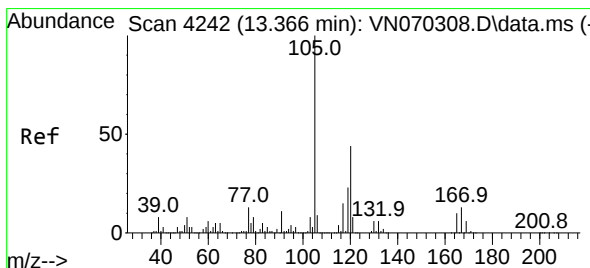
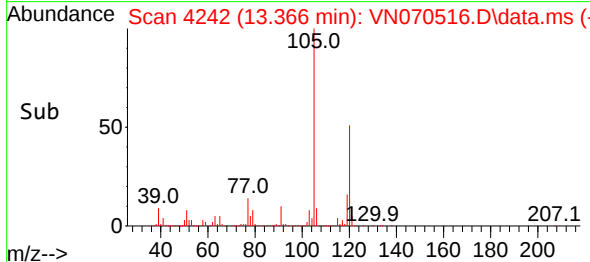
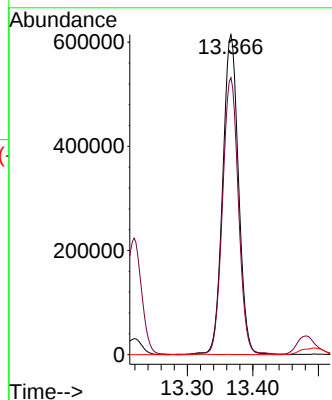


#83
 tert-Butylbenzene
 Concen: 25.163 ug/l
 RT: 13.366 min Scan# 41
 Delta R.T. 0.045 min
 Lab File: VN070516.D
 Acq: 6 Jan 2022 13:55

Instrument :
 MSVOA_N
 ClientSampleId :

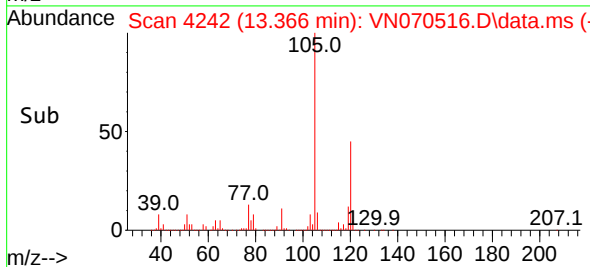
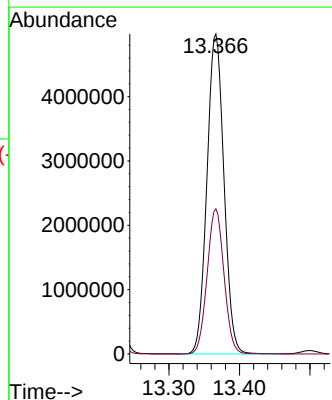
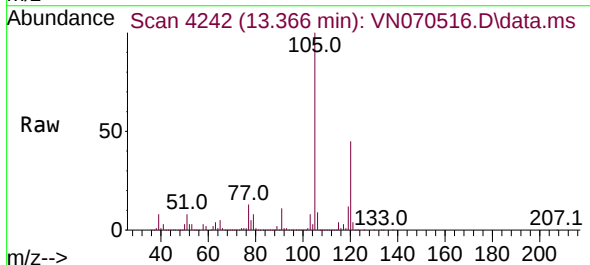


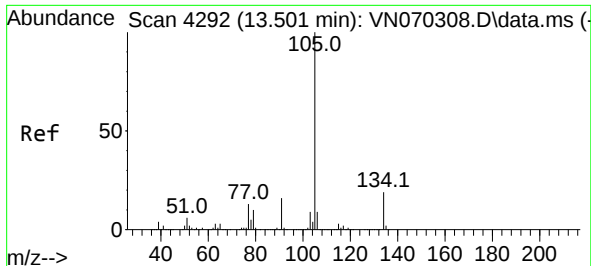
Tgt Ion:119 Resp: 1026695
 Ion Ratio Lower Upper
 119 100
 91 86.9 31.5 94.5
 134 0.0 12.4 37.4#



#84
 1,2,4-Trimethylbenzene
 Concen: 186.476 ug/l
 RT: 13.366 min Scan# 4242
 Delta R.T. 0.000 min
 Lab File: VN070516.D
 Acq: 6 Jan 2022 13:55

Tgt Ion:105 Resp: 8320633
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.8 68.4

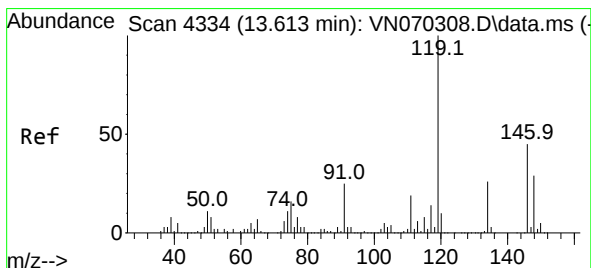
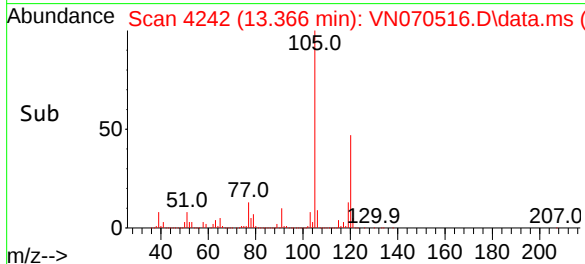
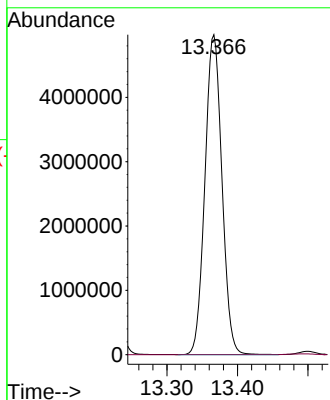
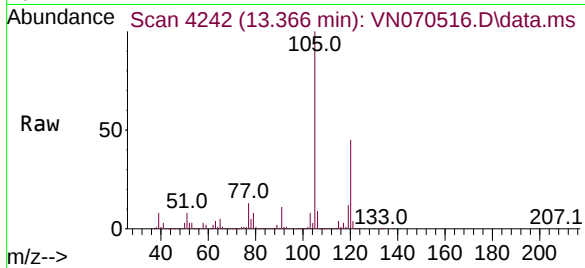




#85
 sec-Butylbenzene
 Concen: 150.202 ug/l
 RT: 13.366 min Scan# 41
 Delta R.T. -0.135 min
 Lab File: VN070516.D
 Acq: 6 Jan 2022 13:55

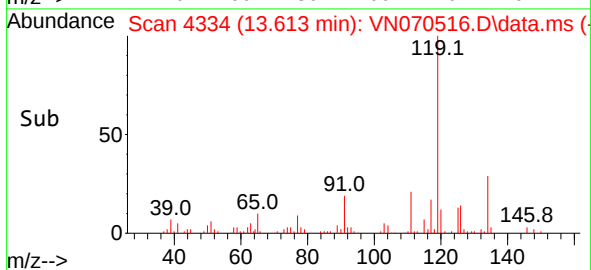
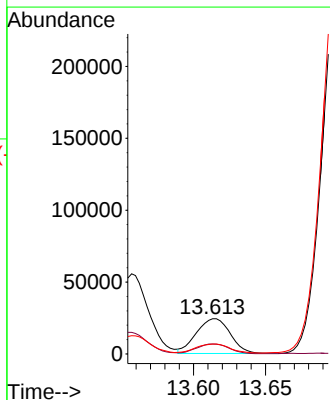
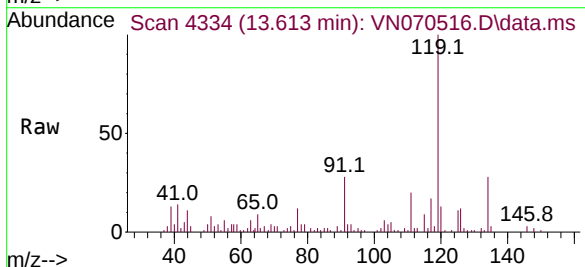
Instrument :
 MSVOA_N
 ClientSampleId :

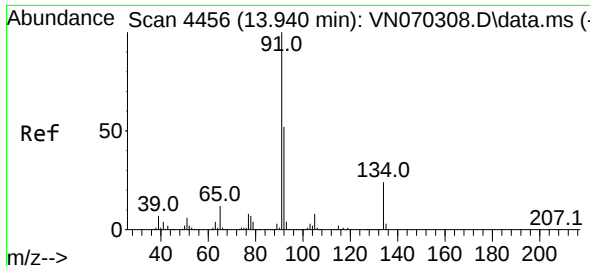
Tgt Ion:105 Resp: 8320633
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 0.914 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. 0.000 min
 Lab File: VN070516.D
 Acq: 6 Jan 2022 13:55

Tgt Ion:119 Resp: 39753
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.7
 91 0.0 11.4 34.1#





#89

n-Butylbenzene

Concen: 29.812 ug/l

RT: 13.873 min Scan# 44

Delta R.T. -0.067 min

Lab File: VN070516.D

Acq: 6 Jan 2022 13:55

Instrument :

MSVOA_N

ClientSampleId :

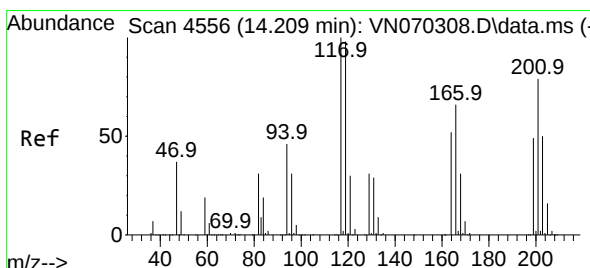
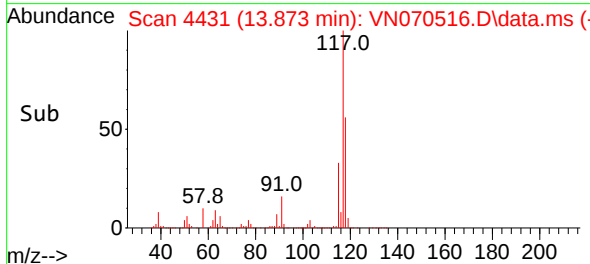
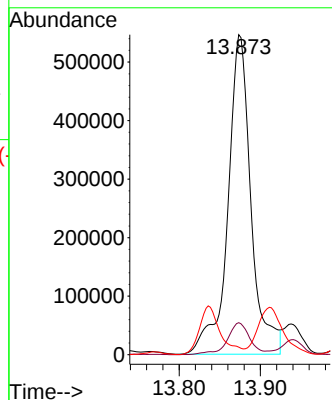
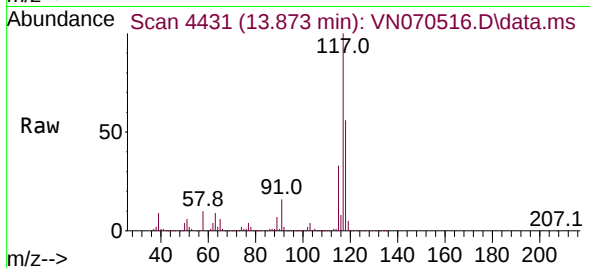
Tgt Ion: 91 Resp: 1082068

Ion Ratio Lower Upper

91 100

92 9.7 25.4 76.0#

134 0.0 13.6 40.8#



#90

Hexachloroethane

Concen: 11.321 ug/l

RT: 14.214 min Scan# 4558

Delta R.T. 0.005 min

Lab File: VN070516.D

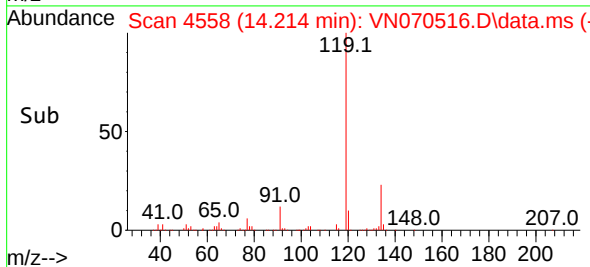
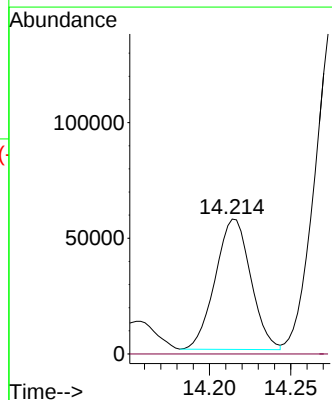
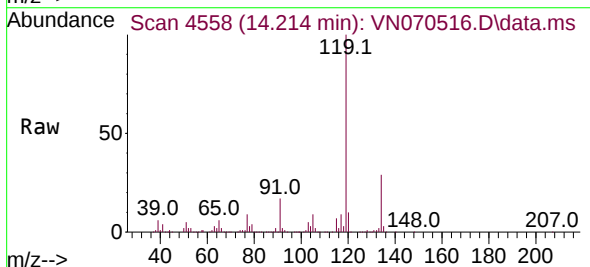
Acq: 6 Jan 2022 13:55

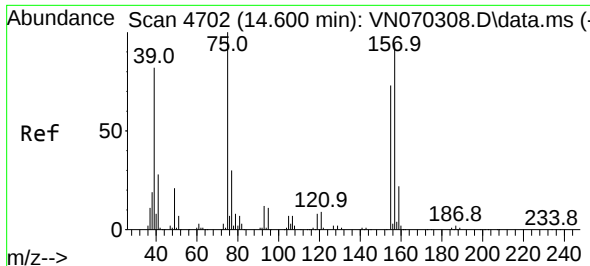
Tgt Ion:117 Resp: 85584

Ion Ratio Lower Upper

117 100

201 0.0 43.9 131.6#

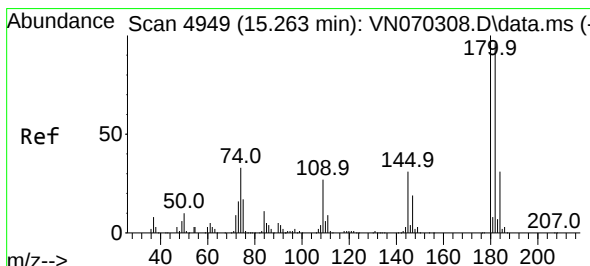
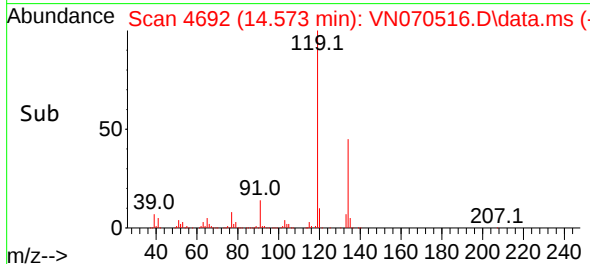
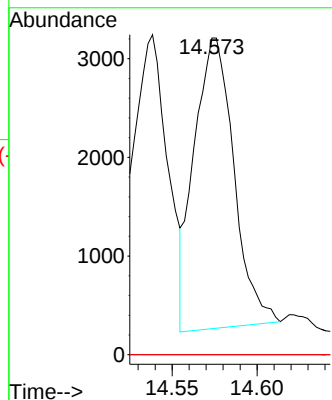
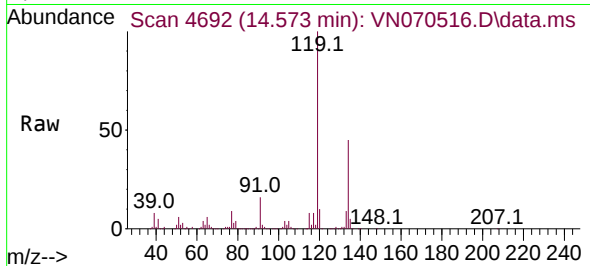




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.425 ug/l
 RT: 14.573 min Scan# 41
 Delta R.T. -0.027 min
 Lab File: VN070516.D
 Acq: 6 Jan 2022 13:55

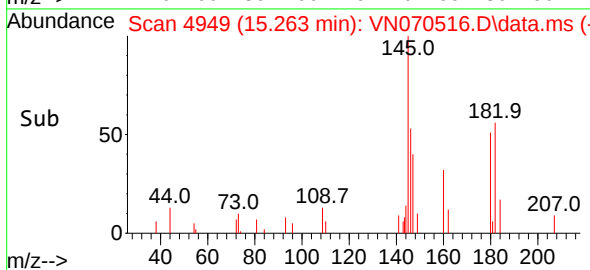
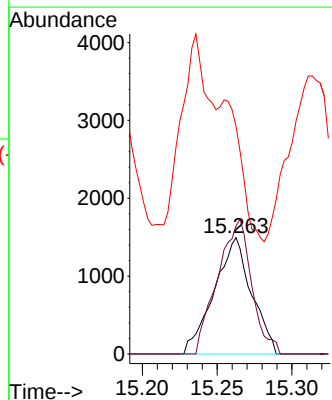
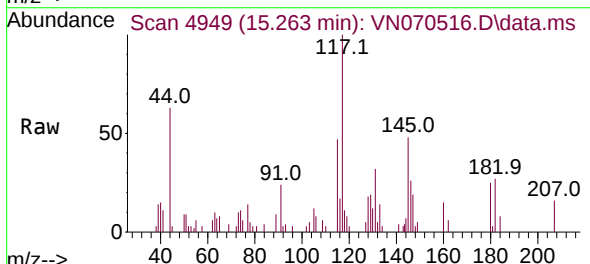
Instrument :
 MSVOA_N
 ClientSampleId :

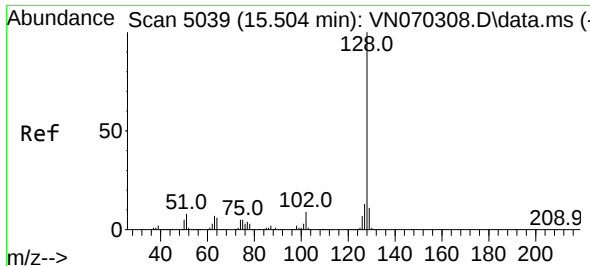
Tgt Ion: 75 Resp: 4772
 Ion Ratio Lower Upper
 75 100
 155 0.0 46.9 140.7#
 157 0.0 60.6 181.7#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.253 ug/l
 RT: 15.263 min Scan# 4949
 Delta R.T. -0.000 min
 Lab File: VN070516.D
 Acq: 6 Jan 2022 13:55

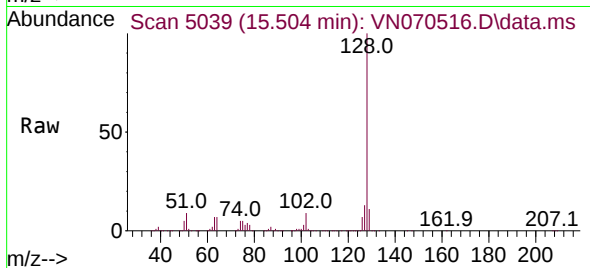
Tgt Ion:180 Resp: 2594
 Ion Ratio Lower Upper
 180 100
 182 105.6 48.3 144.9
 145 0.0 14.5 43.5#



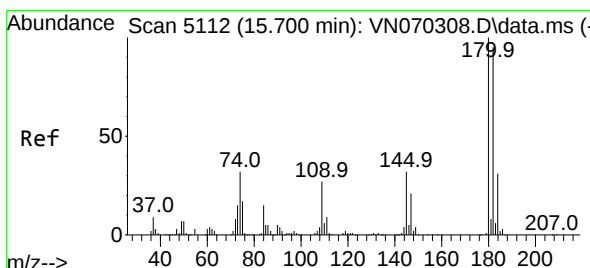
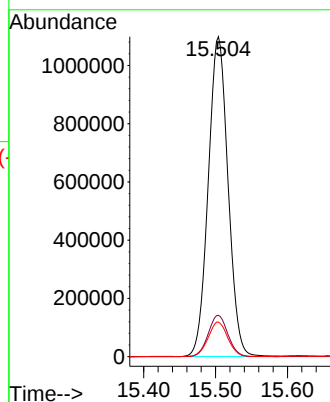
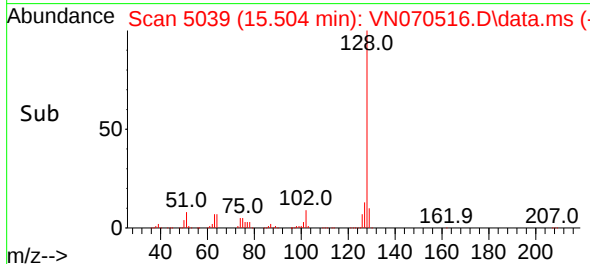


#95
Naphthalene
Concen: 73.072 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.000 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55

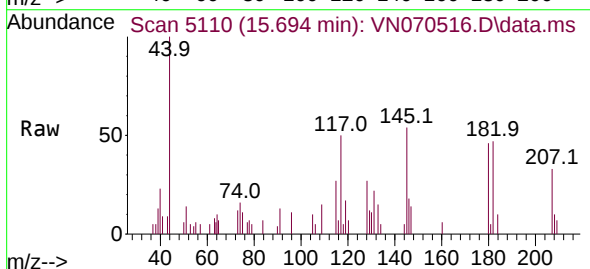
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 2097528
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.130 ug/l
RT: 15.694 min Scan# 5110
Delta R.T. -0.006 min
Lab File: VN070516.D
Acq: 6 Jan 2022 13:55



Tgt Ion:180 Resp: 3038
Ion Ratio Lower Upper
180 100
182 99.9 47.4 142.2
145 13.2 15.0 45.1#

