

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021822\
 Data File : VN071016.D
 Acq On : 18 Feb 2022 21:27
 Operator : JC\MD
 Sample : N1611-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1070

Quant Time: Feb 19 00:45:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:52:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	873348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1383755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1250156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	532518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	515324	51.654	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.300%			
35) Dibromofluoromethane	8.016	113	404751	49.176	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.360%			
50) Toluene-d8	10.439	98	1668948	50.493	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.980%			
62) 4-Bromofluorobenzene	12.727	95	638838	54.071	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.140%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	2664	0.234	ug/l #	81
5) Bromomethane	2.881	94	1909	0.294	ug/l #	62
11) Tert butyl alcohol	5.363	59	2524	1.388	ug/l #	71
13) Acrolein	4.045	56	1007	0.620	ug/l	92
16) Acetone	4.287	43	100748	18.337	ug/l	91
18) Methyl Acetate	4.863	43	3890	Below Cal	#	69
25) 2-Butanone	7.339	43	40237	5.505	ug/l	92
31) Cyclohexane	8.086	56	17013	0.986	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	65417	4.851	ug/l #	49
37) Ethyl Acetate	7.339	43	40237	2.782	ug/l #	68
38) Carbon Tetrachloride	8.081	117	83414	6.278	ug/l #	15
40) Benzene	8.457	78	52864	1.325	ug/l	95
48) Methyl methacrylate	9.527	41	3185	0.295	ug/l #	38
49) 1,4-Dioxane	9.569	88	78	0.407	ug/l #	27
51) 4-Methyl-2-Pentanone	10.322	43	5450	0.393	ug/l	95
52) Toluene	10.504	92	217051	8.660	ug/l	96
59) 2-Hexanone	11.086	43	8384	0.879	ug/l	74
67) Ethyl Benzene	11.839	91	369753	7.842	ug/l	97
68) m/p-Xylenes	11.945	106	687120	37.728	ug/l	98
69) o-Xylene	12.274	106	601953	33.835	ug/l	100
70) Styrene	12.274	104	30181	1.067	ug/l #	1
71) Bromoform	12.721	173	2863	0.366	ug/l #	29
73) Isopropylbenzene	12.574	105	180661	4.215	ug/l	98
74) N-amyl acetate	12.363	43	28814	2.103	ug/l #	67
75) 1,1,2,2-Tetrachloroethane	12.810	83	2840	0.209	ug/l #	25
76) 1,2,3-Trichloropropane	12.974	75	29459	2.350	ug/l #	1
78) n-propylbenzene	12.916	91	783639	16.272	ug/l	98
79) 2-Chlorotoluene	12.980	91	443147	15.152	ug/l #	39
80) 1,3,5-Trimethylbenzene	13.057	105	1175714	33.857	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.727	75	319173	82.489	ug/l #	5
82) 4-Chlorotoluene	13.057	91	122563	4.317	ug/l #	39
83) tert-Butylbenzene	13.363	119	680879	20.675	ug/l #	68
84) 1,2,4-Trimethylbenzene	13.363	105	5473945	160.135	ug/l	99
85) sec-Butylbenzene	13.498	105	241360	5.562	ug/l	88
86) p-Isopropyltoluene	13.610	119	169683	4.763	ug/l	97
89) n-Butylbenzene	13.933	91	352465	12.127	ug/l #	76

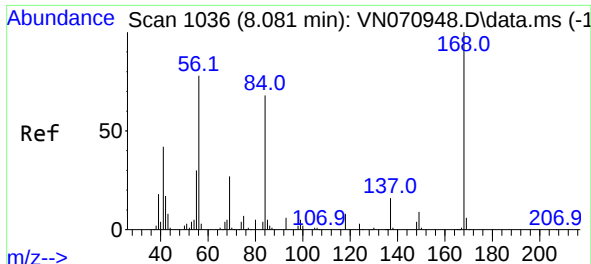
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021822\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 16 07:52:42 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.210	117	100668	15.824	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.615	75	1405	0.637	ug/l #	37
93) 1,2,4-Trichlorobenzene	15.262	180	5058	2.494	ug/l #	80
95) Naphthalene	15.504	128	807962	35.540	ug/l	98
96) 1,2,3-Trichlorobenzene	15.721	180	8700	3.430	ug/l #	12

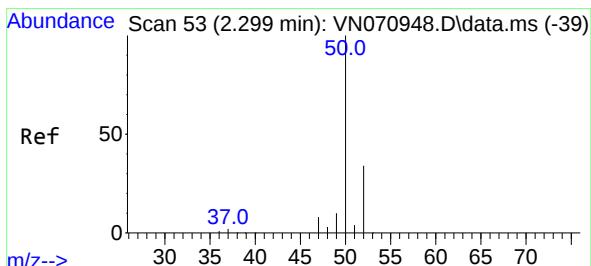
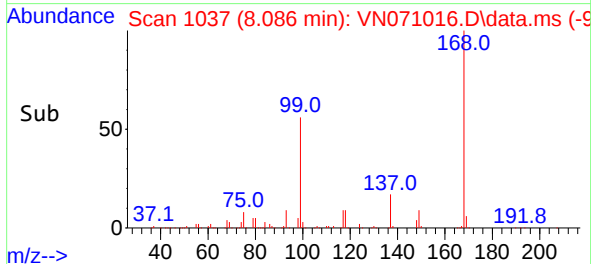
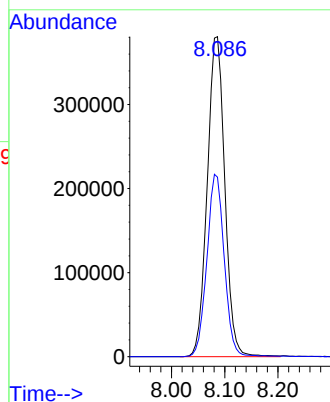
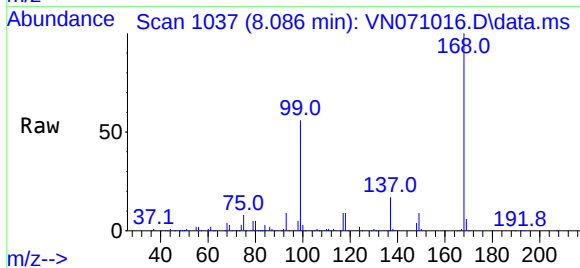
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1070
Delta R.T. 0.005 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

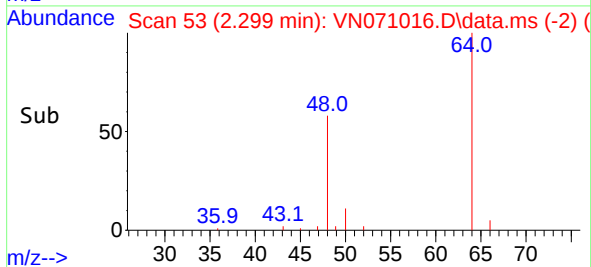
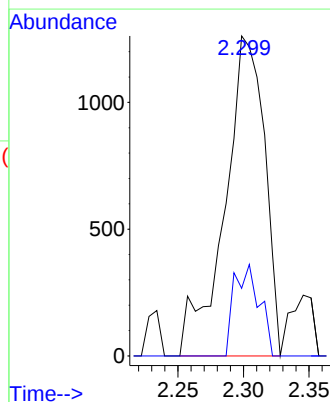
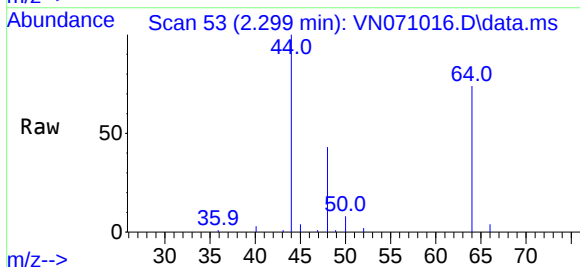
Instrument :
MSVOA_N
ClientSampleId :
1070

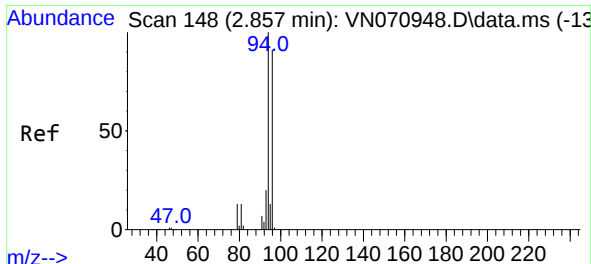
Tgt Ion:168 Resp: 873348
Ion Ratio Lower Upper
168 100
99 56.1 41.3 61.9



#3
Chloromethane
Concen: 0.234 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

Tgt Ion: 50 Resp: 2664
Ion Ratio Lower Upper
50 100
52 21.2 25.4 38.0#

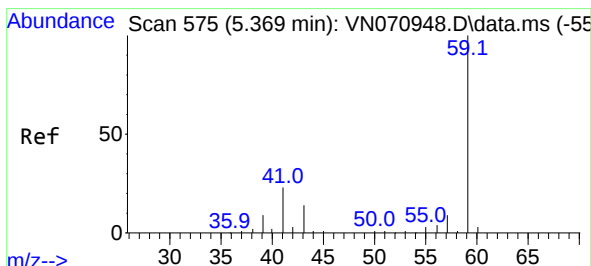
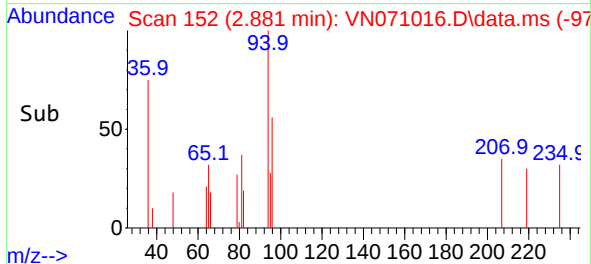
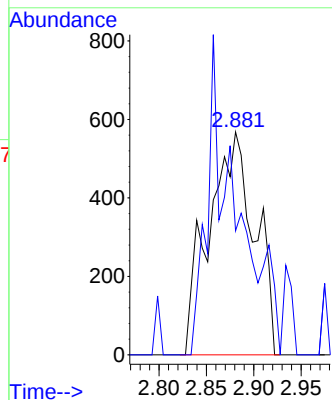
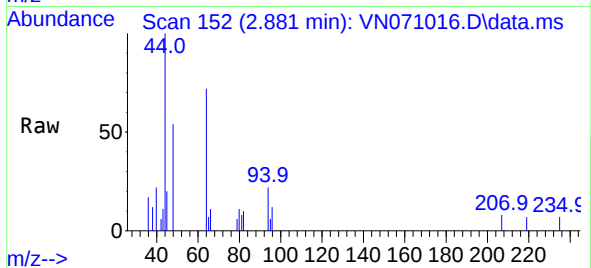




#5
Bromomethane
Concen: 0.294 ug/l
RT: 2.881 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

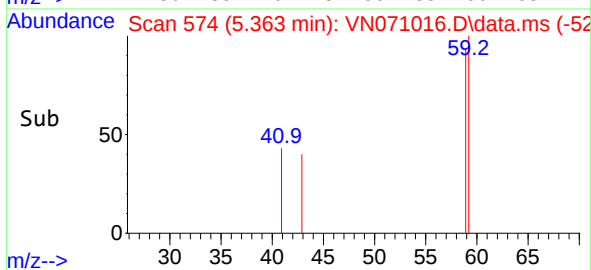
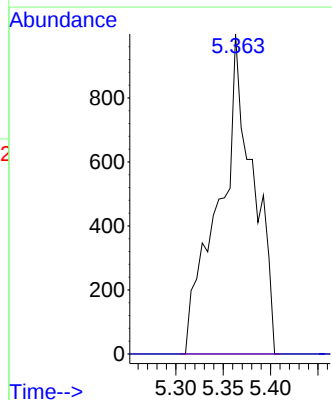
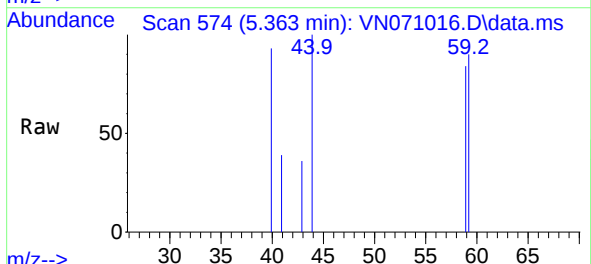
Instrument :
MSVOA_N
ClientSampleId :
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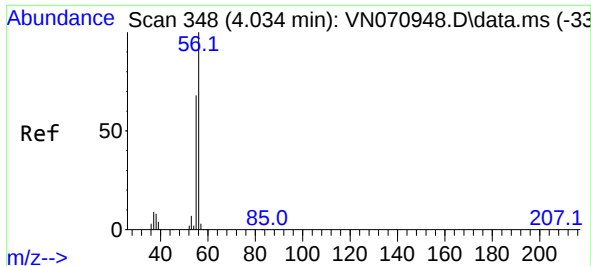
Tgt Ion: 94 Resp: 1909
Ion Ratio Lower Upper
94 100
96 55.6 73.8 110.8#



#11
Tert butyl alcohol
Concen: 1.388 ug/l
RT: 5.363 min Scan# 574
Delta R.T. -0.006 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

Tgt Ion: 59 Resp: 2524
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

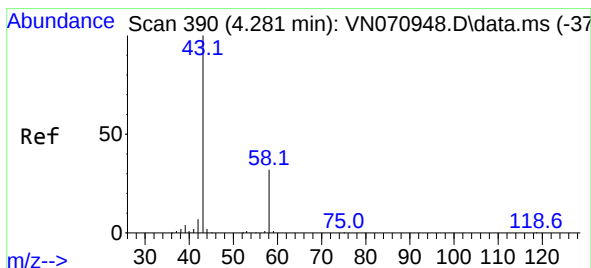
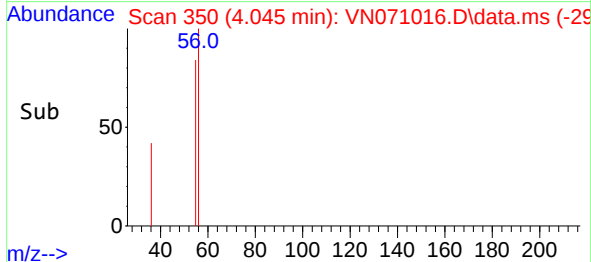
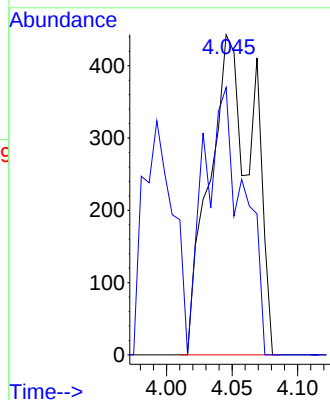
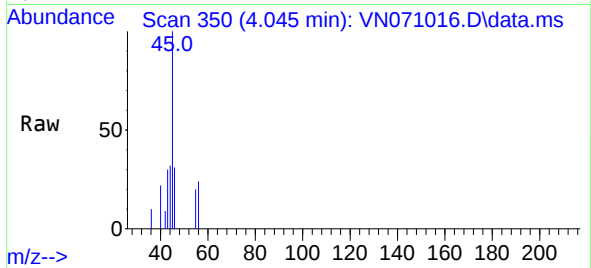




#13
Acrolein
Concen: 0.620 ug/l
RT: 4.045 min Scan# 310
Delta R.T. 0.011 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

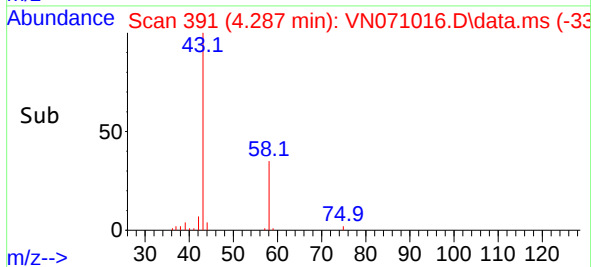
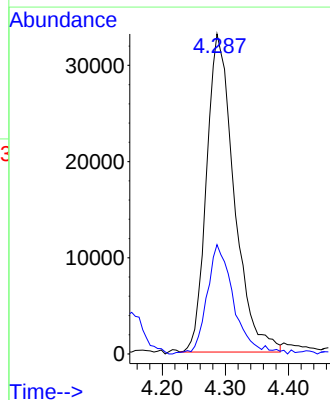
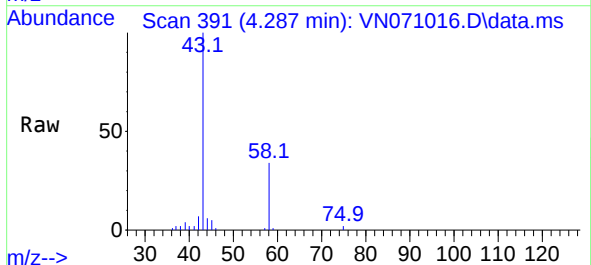
Instrument :
MSVOA_N
ClientSampleId :
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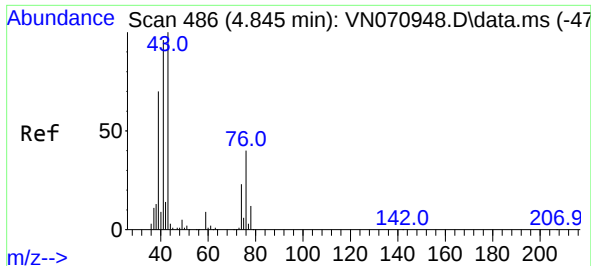
Tgt Ion: 56 Resp: 1007
Ion Ratio Lower Upper
56 100
55 77.5 56.6 85.0



#16
Acetone
Concen: 18.337 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

Tgt Ion: 43 Resp: 100748
Ion Ratio Lower Upper
43 100
58 33.8 23.1 34.7

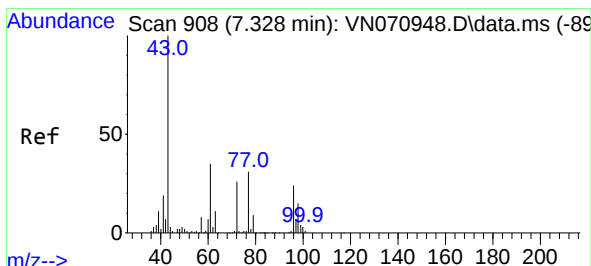
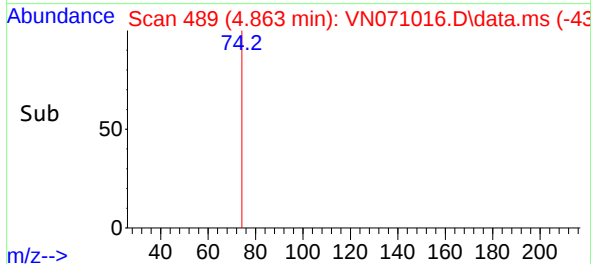
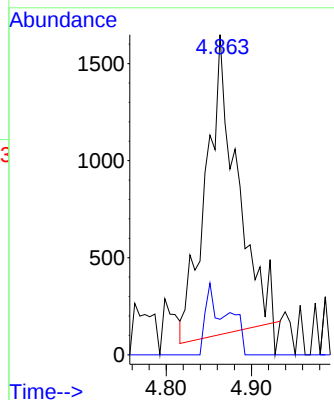
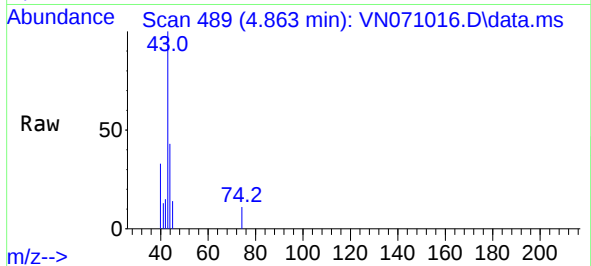




#18
Methyl Acetate
Concen: Below Cal
RT: 4.863 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

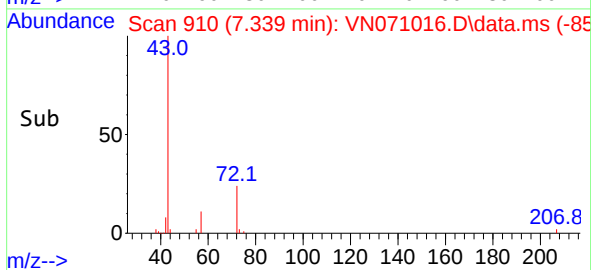
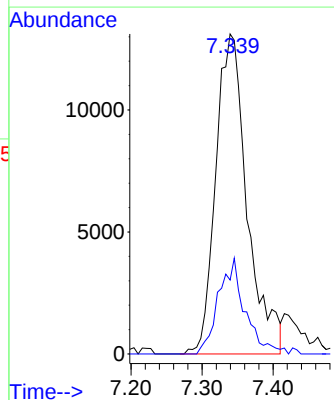
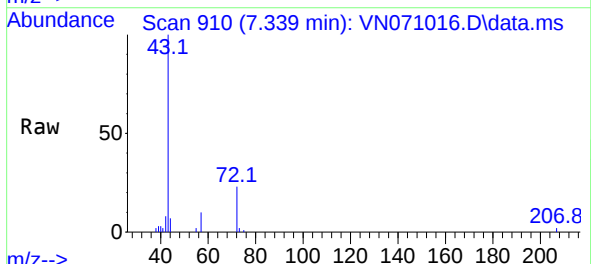
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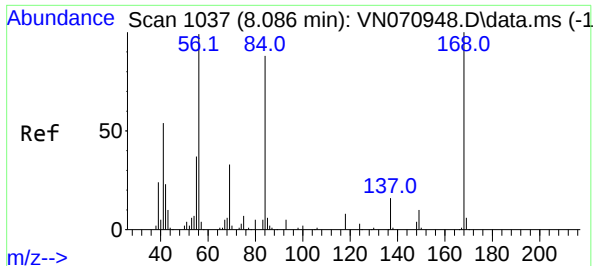
Tgt Ion: 43 Resp: 3890
Ion Ratio Lower Upper
43 100
74 8.7 19.4 29.2#



#25
2-Butanone
Concen: 5.505 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.012 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

Tgt Ion: 43 Resp: 40237
Ion Ratio Lower Upper
43 100
72 23.1 21.7 32.5

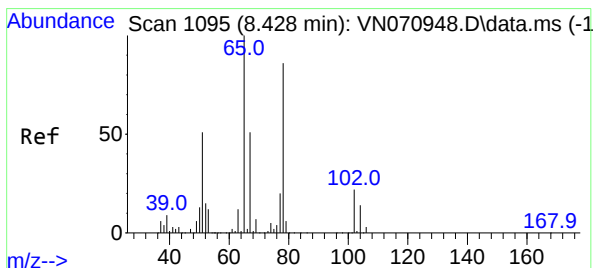
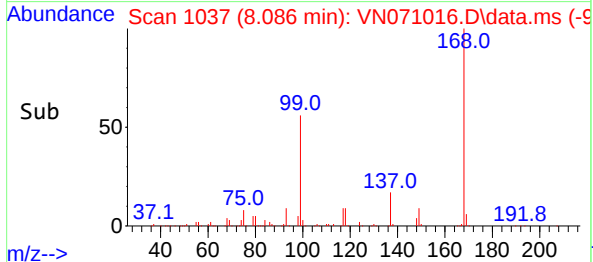
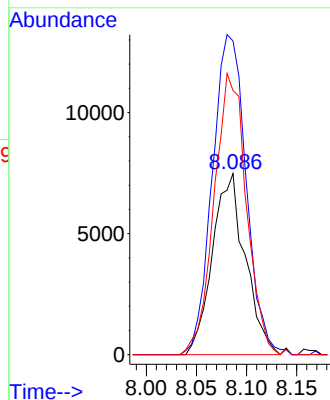
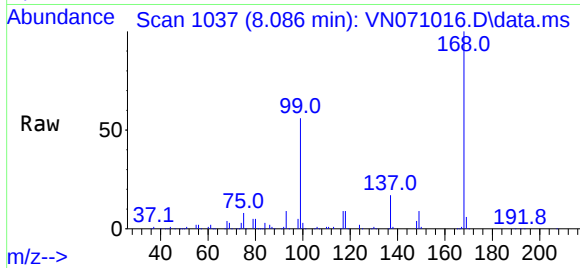




#31
Cyclohexane
Concen: 0.986 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

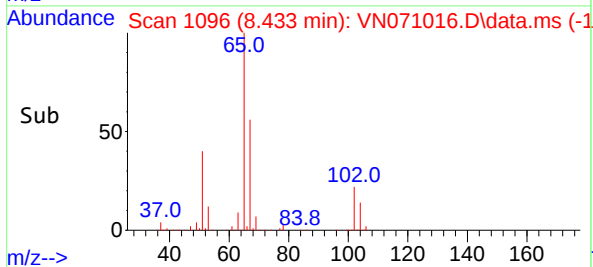
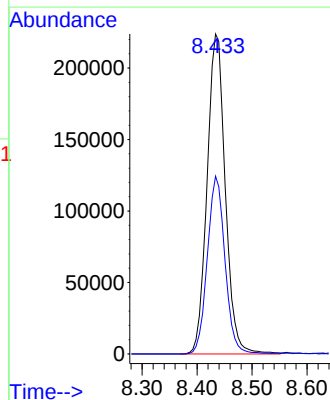
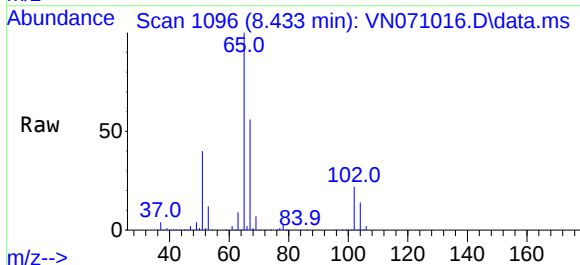
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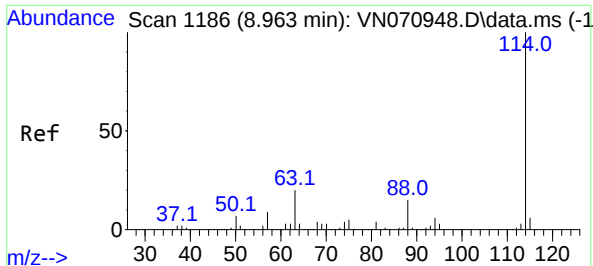
Tgt Ion: 56 Resp: 17013
Ion Ratio Lower Upper
56 100
69 173.2 27.1 40.7#
84 145.9 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 51.654 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

Tgt Ion: 65 Resp: 515324
Ion Ratio Lower Upper
65 100
67 53.9 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071016.D

Acq: 18 Feb 2022 21:27

Instrument :

MSVOA_N

ClientSampleId :

1070

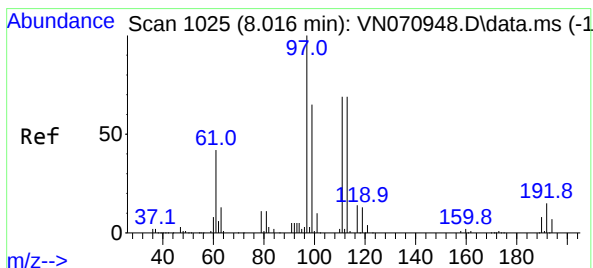
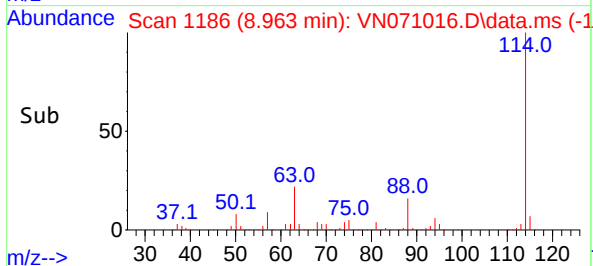
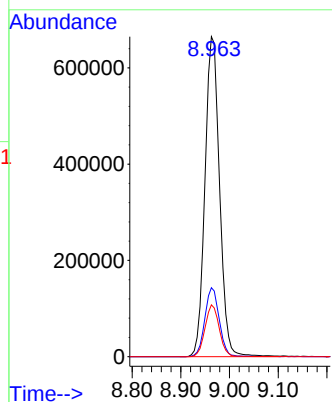
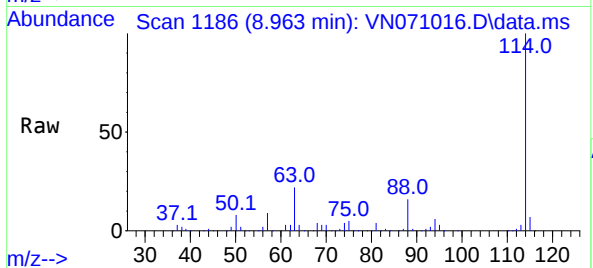
Tgt Ion:114 Resp: 1383755

Ion Ratio Lower Upper

114 100

63 21.5 0.0 37.8

88 16.2 0.0 27.4



#35

Dibromofluoromethane

Concen: 49.176 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN071016.D

Acq: 18 Feb 2022 21:27

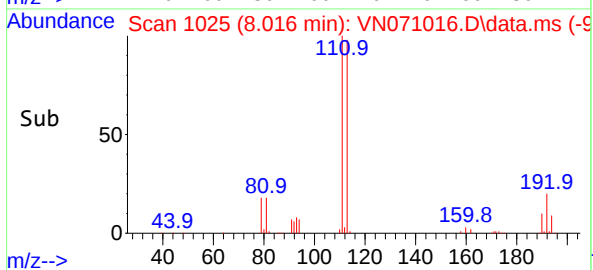
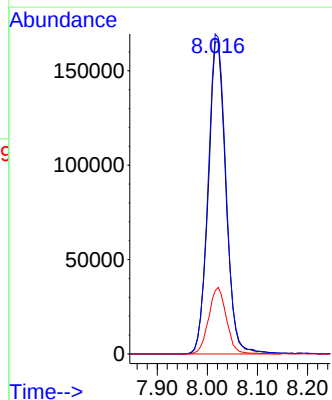
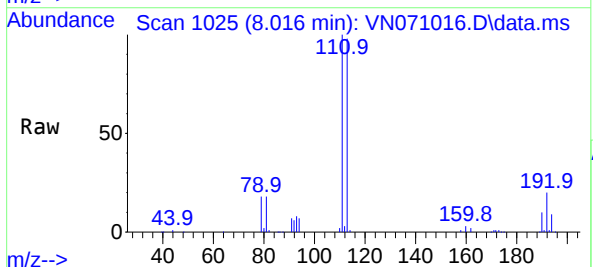
Tgt Ion:113 Resp: 404751

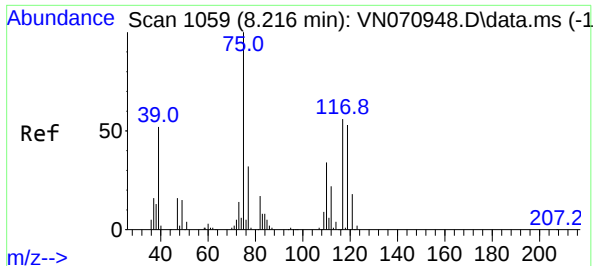
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.2

192 21.3 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.851 ug/l

RT: 8.086 min Scan# 1059

Delta R.T. -0.129 min

Lab File: VN071016.D

Acq: 18 Feb 2022 21:27

Instrument :

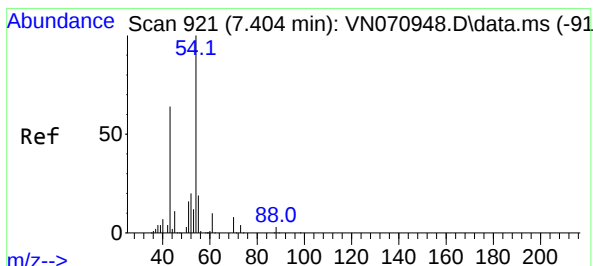
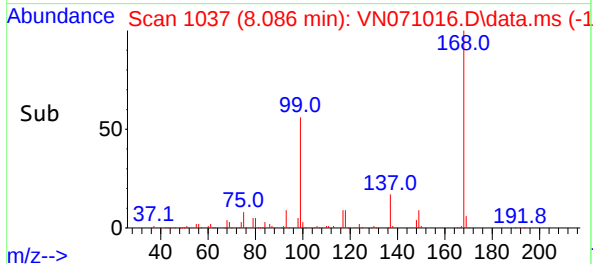
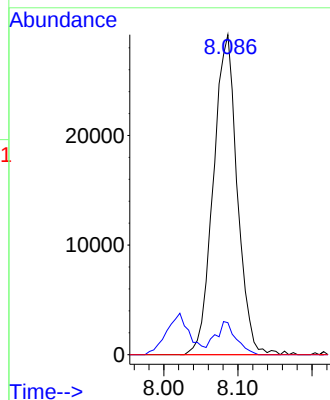
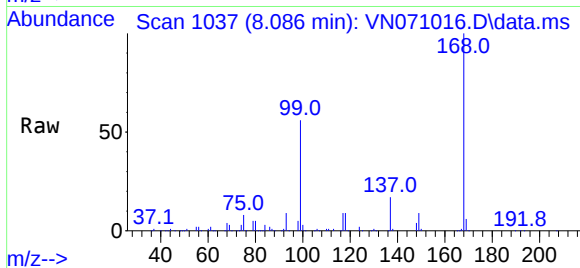
MSVOA_N

ClientSampleId :

1070

Tgt Ion: 75 Resp: 65417

Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.4	55.2#
77	0.0	24.4	36.6#



#37

Ethyl Acetate

Concen: 2.782 ug/l

RT: 7.339 min Scan# 910

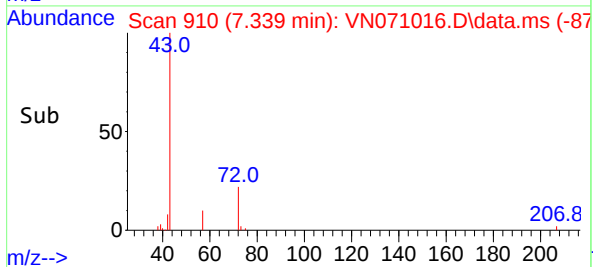
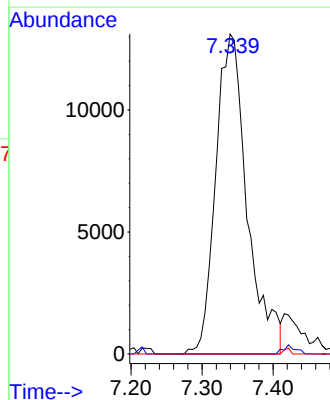
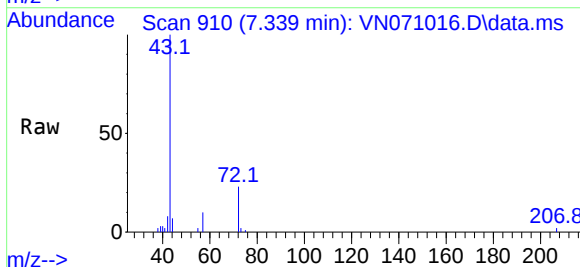
Delta R.T. -0.065 min

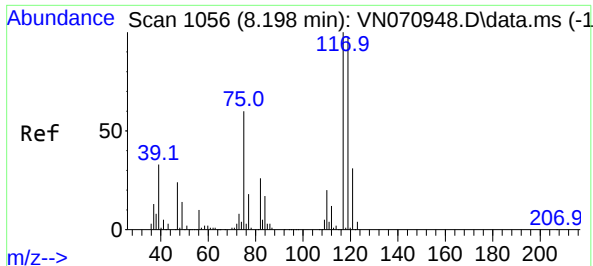
Lab File: VN071016.D

Acq: 18 Feb 2022 21:27

Tgt Ion: 43 Resp: 40237

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.5	17.3#
70	0.0	7.9	11.9#

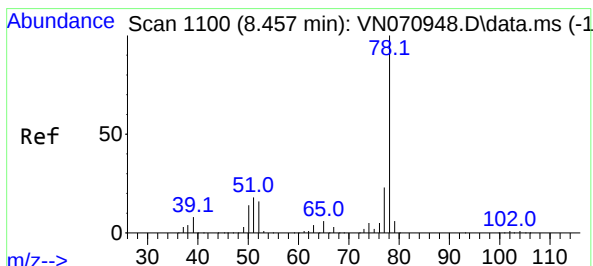
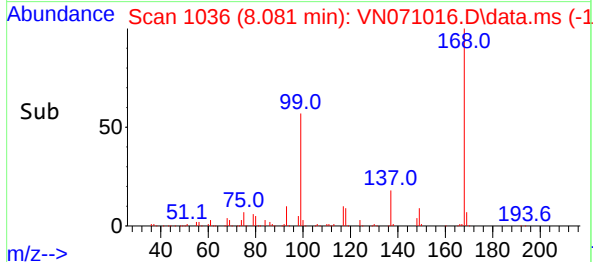
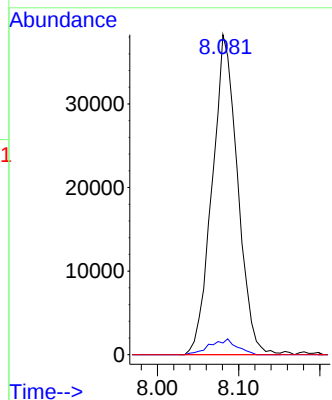
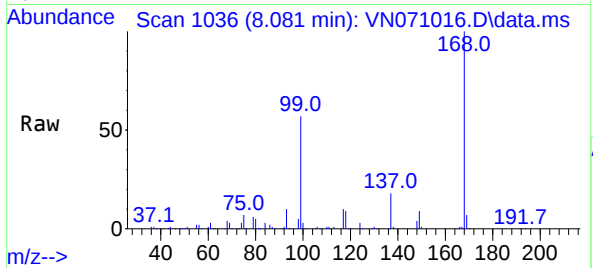




#38
Carbon Tetrachloride
Concen: 6.278 ug/l
RT: 8.081 min Scan# 1107
Delta R.T. -0.118 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

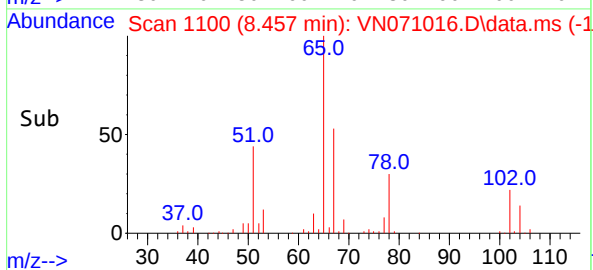
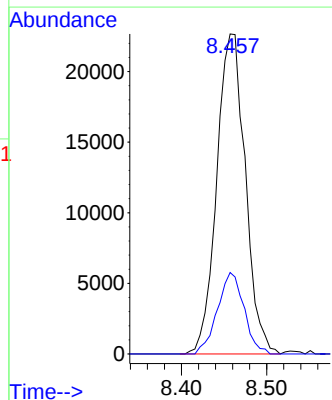
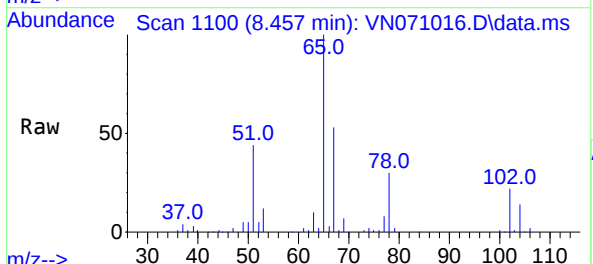
Instrument :
MSVOA_N
ClientSampleId :
1070

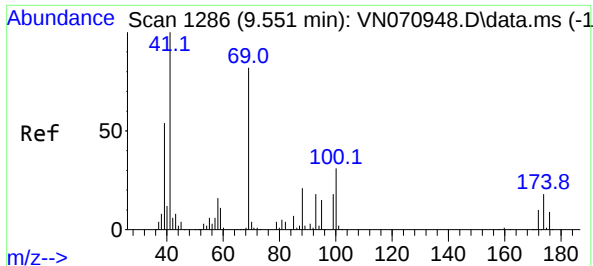
Tgt Ion:117 Resp: 83414
Ion Ratio Lower Upper
117 100
119 3.6 76.1 114.1#
121 0.0 24.2 36.2#



#40
Benzene
Concen: 1.325 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

Tgt Ion: 78 Resp: 52864
Ion Ratio Lower Upper
78 100
77 25.5 18.6 27.8





#48

Methyl methacrylate

Concen: 0.295 ug/l

RT: 9.527 min Scan# 11

Delta R.T. -0.024 min

Lab File: VN071016.D

Acq: 18 Feb 2022 21:27

Instrument :

MSVOA_N

ClientSampleId :

1070

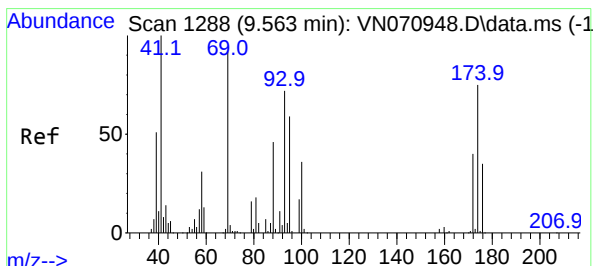
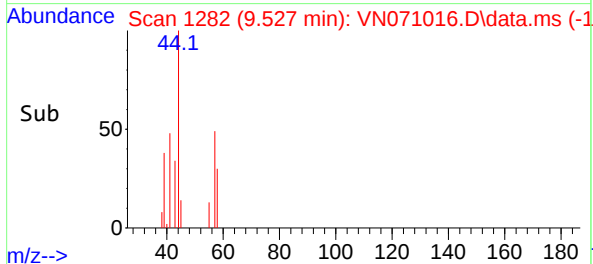
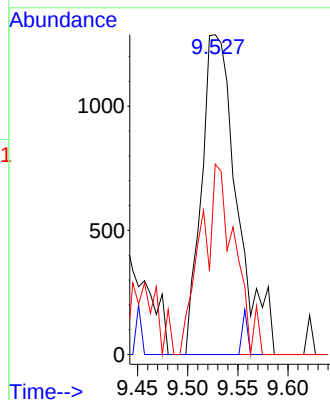
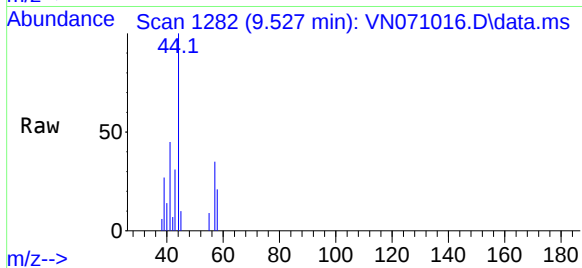
Tgt Ion: 41 Resp: 3185

Ion Ratio Lower Upper

41 100

69 0.0 72.4 108.6#

39 56.0 58.4 87.6#



#49

1,4-Dioxane

Concen: 0.407 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. 0.006 min

Lab File: VN071016.D

Acq: 18 Feb 2022 21:27

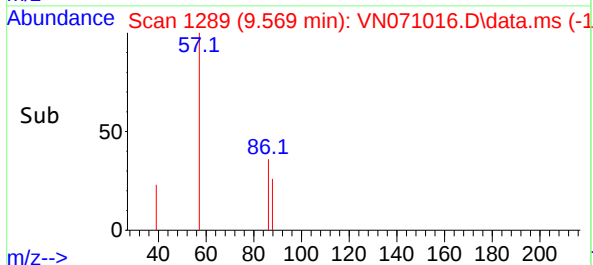
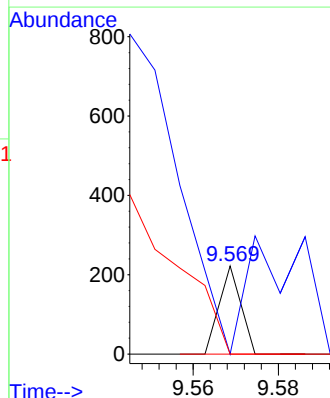
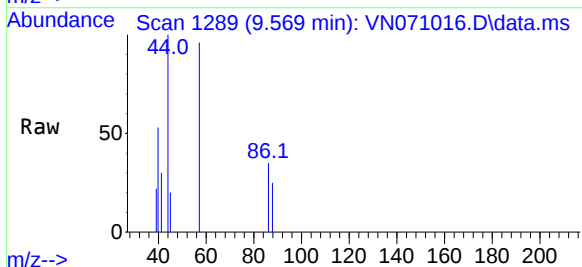
Tgt Ion: 88 Resp: 78

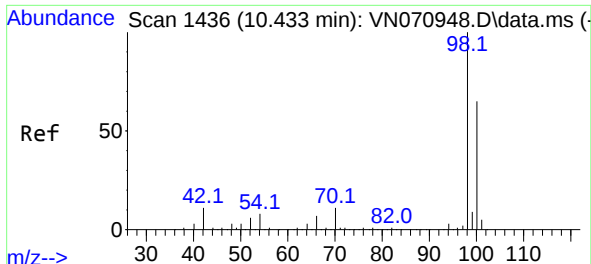
Ion Ratio Lower Upper

88 100

43 0.0 23.4 35.2#

58 0.0 50.6 75.8#

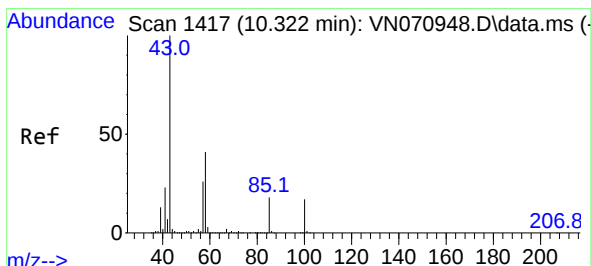
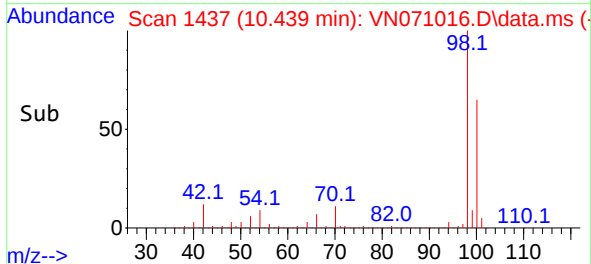
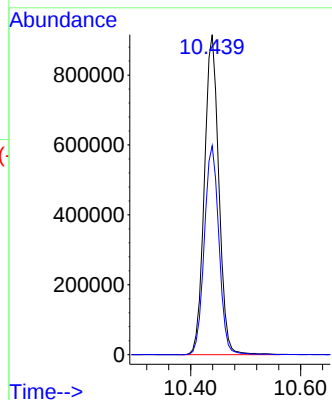
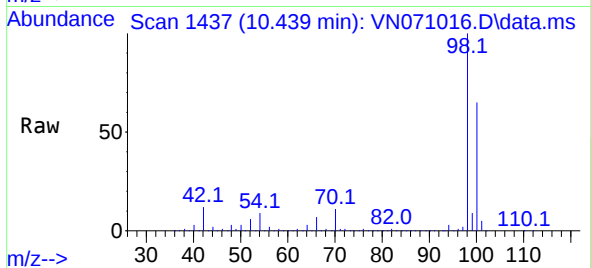




#50
Toluene-d8
Concen: 50.493 ug/l
RT: 10.439 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

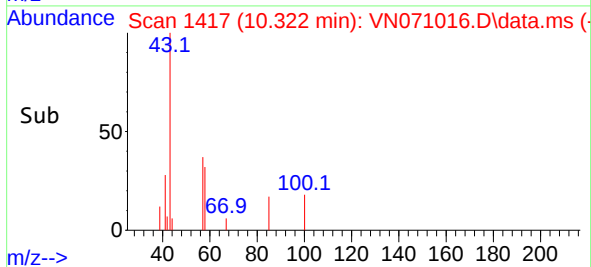
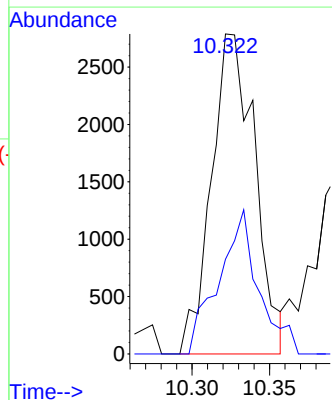
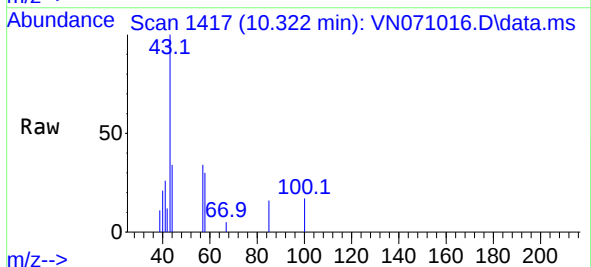
Instrument :
MSVOA_N
ClientSampleId :
1070

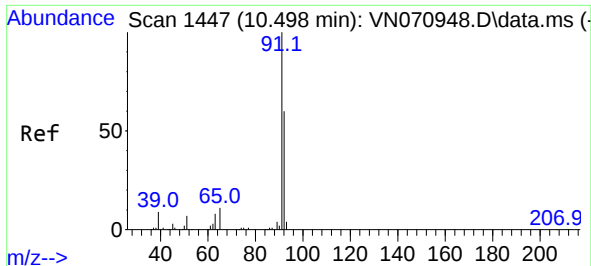
Tgt Ion: 98 Resp: 1668948
Ion Ratio Lower Upper
98 100
100 66.1 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.393 ug/l
RT: 10.322 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

Tgt Ion: 43 Resp: 5450
Ion Ratio Lower Upper
43 100
58 41.1 30.4 45.6

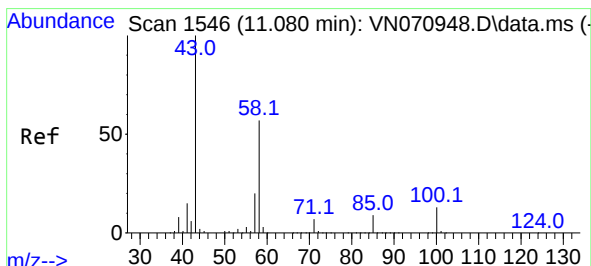
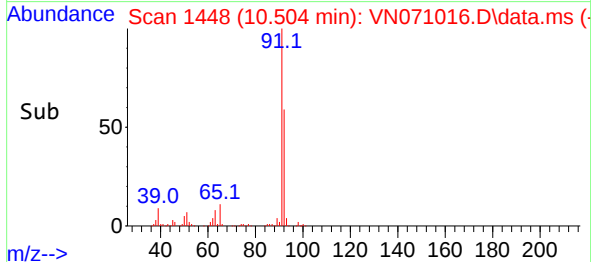
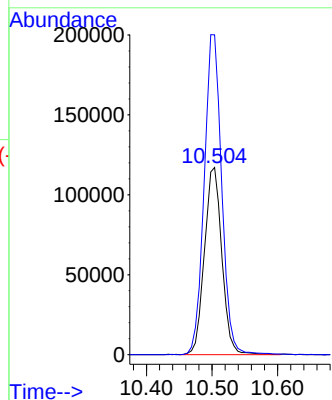
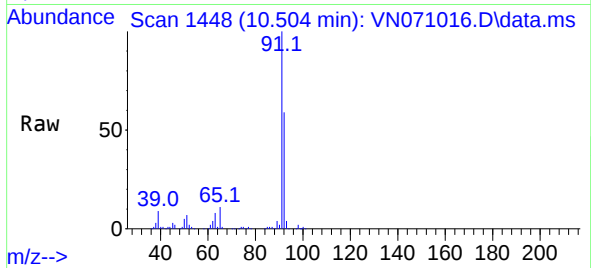




#52
Toluene
Concen: 8.660 ug/l
RT: 10.504 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

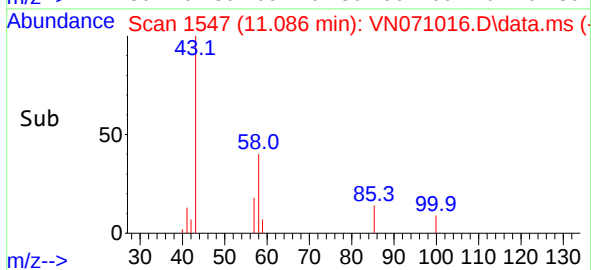
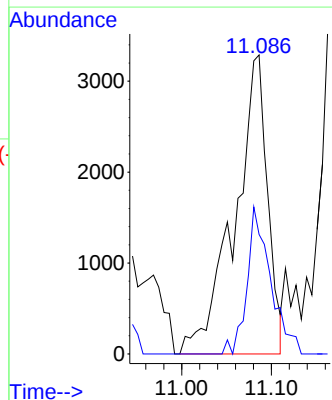
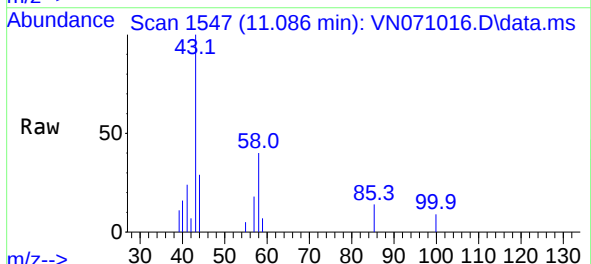
Instrument :
MSVOA_N
ClientSampleId :
1070

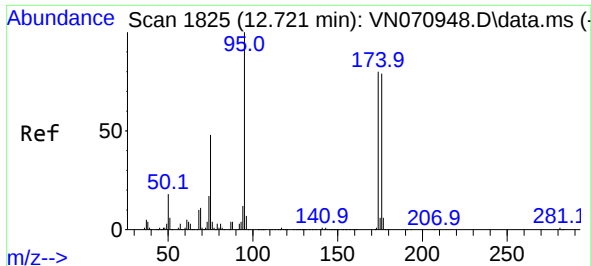
Tgt Ion: 92 Resp: 217051
Ion Ratio Lower Upper
92 100
91 172.0 142.0 213.0



#59
2-Hexanone
Concen: 0.879 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.006 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

Tgt Ion: 43 Resp: 8384
Ion Ratio Lower Upper
43 100
58 35.1 26.9 80.7



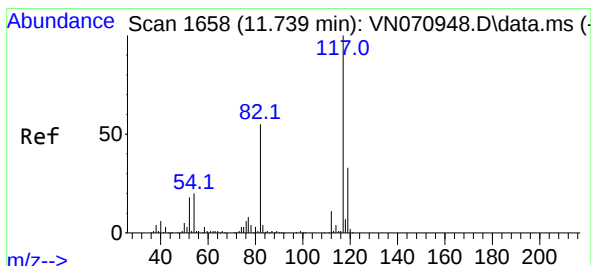
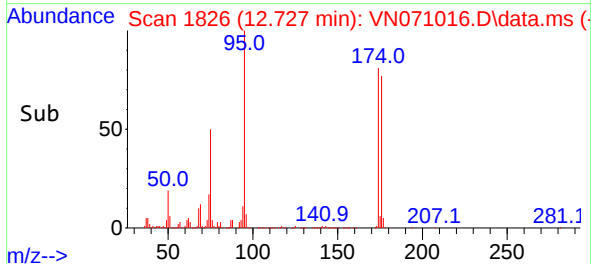
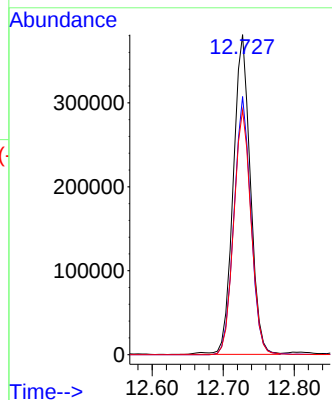
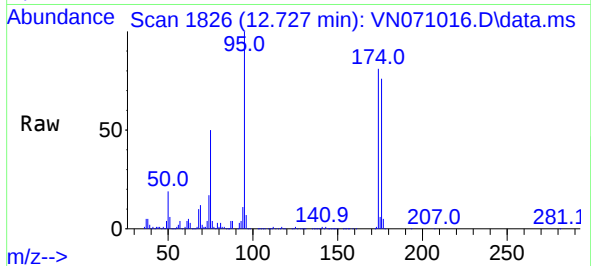


#62
4-Bromofluorobenzene
Concen: 54.071 ug/l
RT: 12.727 min Scan# 11070
Delta R.T. 0.006 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

Instrument :
MSVOA_N
ClientSampleId :
1070

Tgt Ion: 95 Resp: 638838

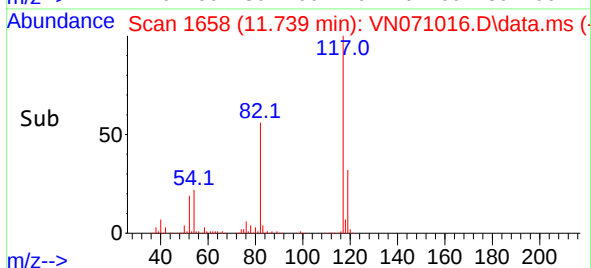
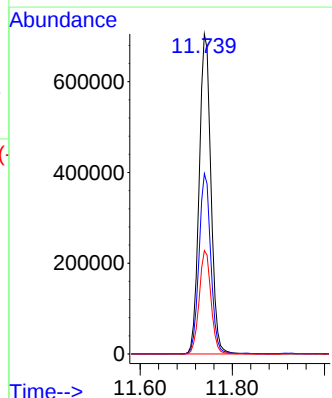
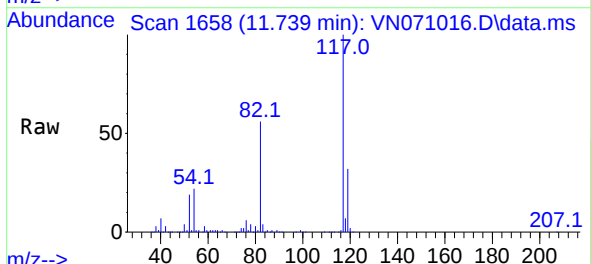
Ion	Ratio	Lower	Upper
95	100		
174	79.5	0.0	187.2
176	77.4	0.0	181.4

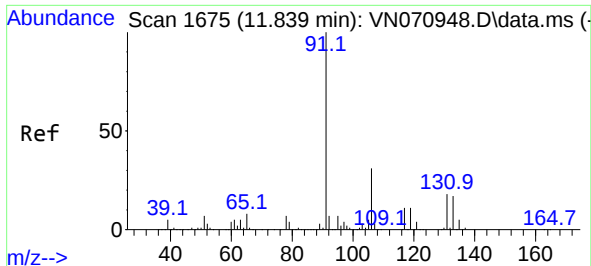


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

Tgt Ion: 117 Resp: 1250156

Ion	Ratio	Lower	Upper
117	100		
82	56.3	42.4	63.6
119	32.3	25.4	38.2

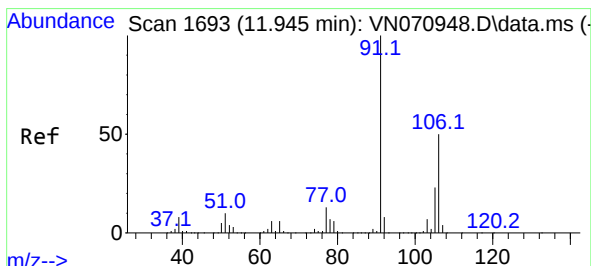
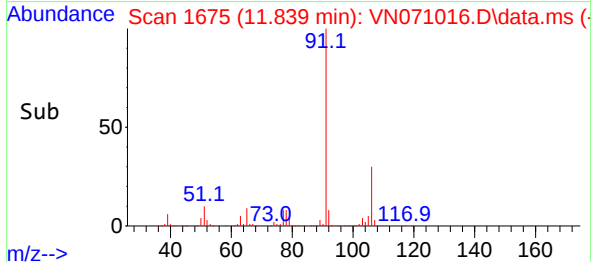
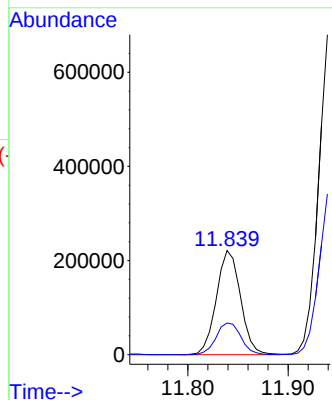
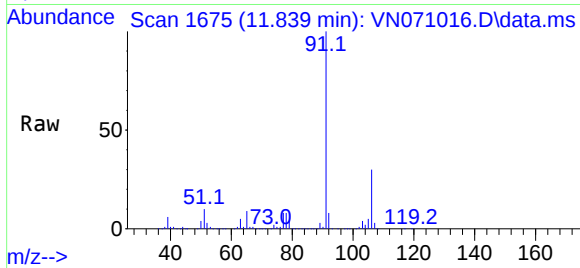




#67
Ethyl Benzene
Concen: 7.842 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

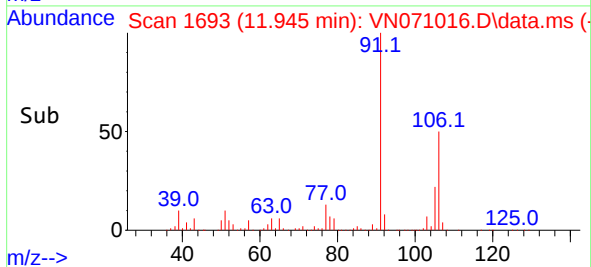
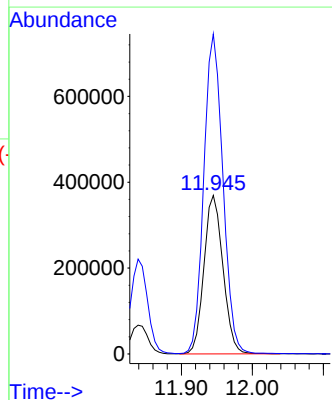
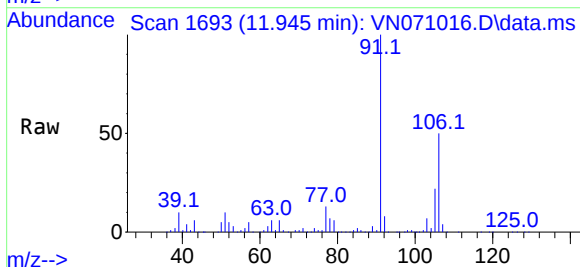
Instrument :
MSVOA_N
ClientSampleId :
1070

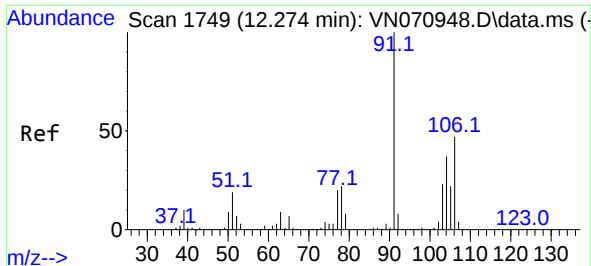
Tgt Ion: 91 Resp: 369753
Ion Ratio Lower Upper
91 100
106 30.4 25.7 38.5



#68
m/p-Xylenes
Concen: 37.728 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

Tgt Ion:106 Resp: 687120
Ion Ratio Lower Upper
106 100
91 203.1 160.6 240.8

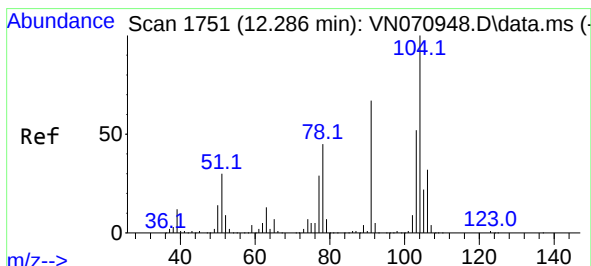
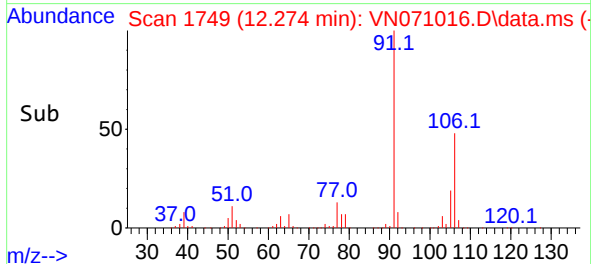
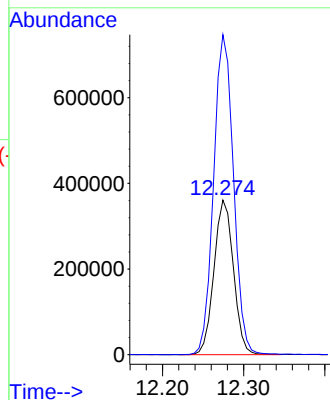
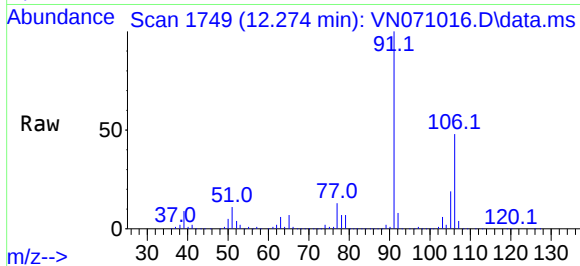




#69
o-Xylene
Concen: 33.835 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

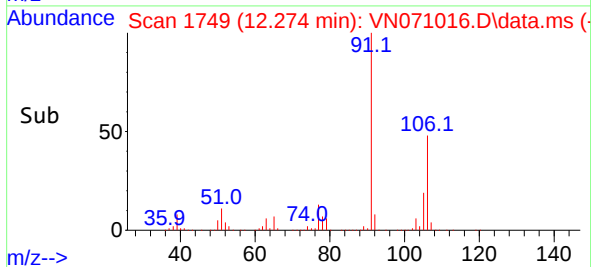
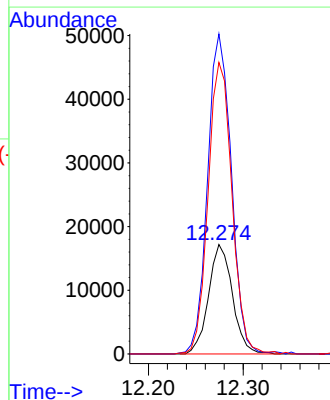
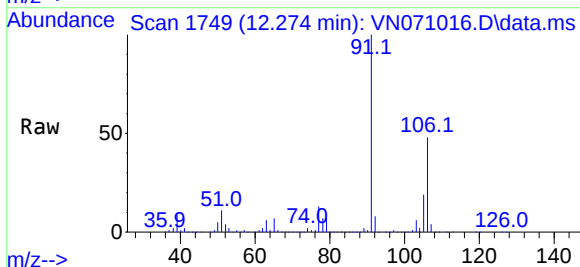
Instrument :
MSVOA_N
ClientSampleId :
1070

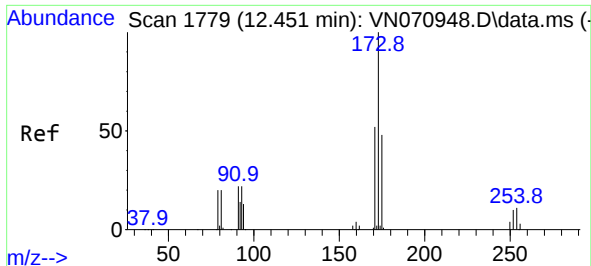
Tgt Ion:106 Resp: 601953
Ion Ratio Lower Upper
106 100
91 211.7 105.8 317.3



#70
Styrene
Concen: 1.067 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.012 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

Tgt Ion:104 Resp: 30181
Ion Ratio Lower Upper
104 100
78 290.8 38.7 58.1#
103 266.8 45.0 67.6#

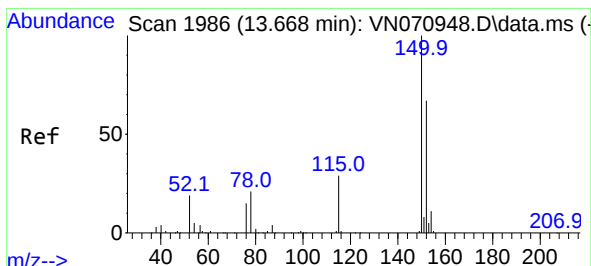
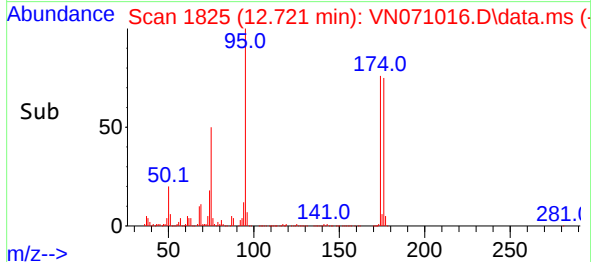
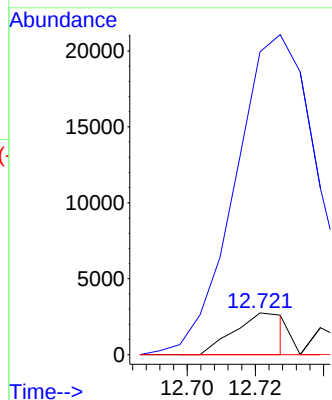
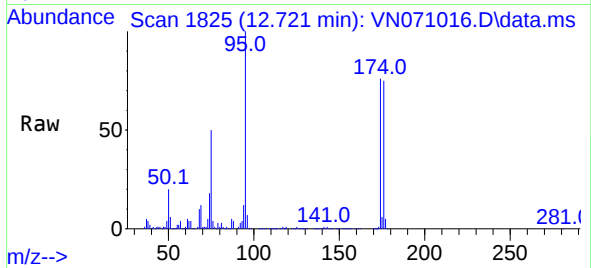




#71
Bromoform
Concen: 0.366 ug/l
RT: 12.721 min Scan# 1825
Delta R.T. 0.271 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

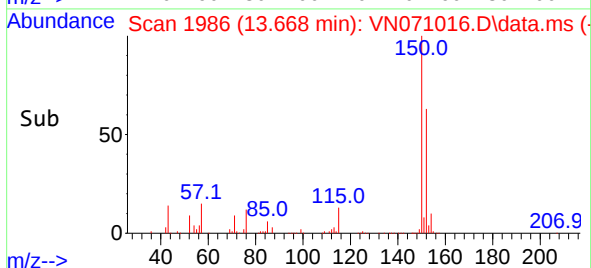
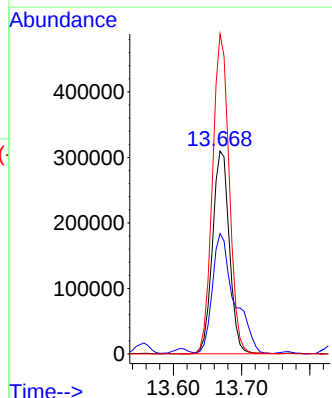
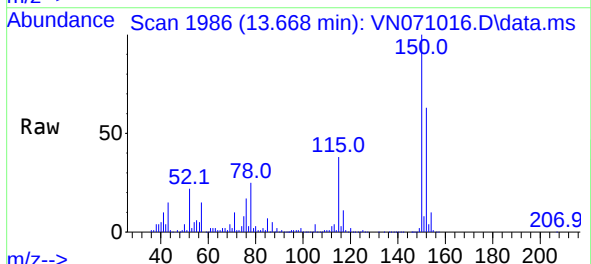
Instrument :
MSVOA_N
ClientSampleId :
1070

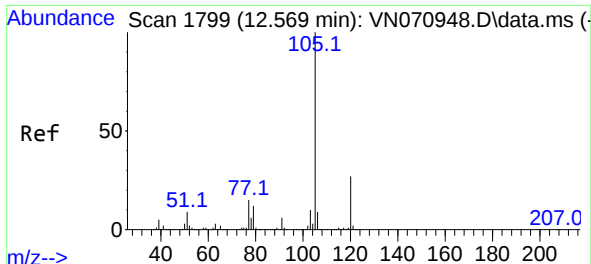
Tgt Ion:173 Resp: 2863
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

Tgt Ion:152 Resp: 532518
Ion Ratio Lower Upper
152 100
115 77.2 27.5 82.5
150 156.7 0.0 344.4

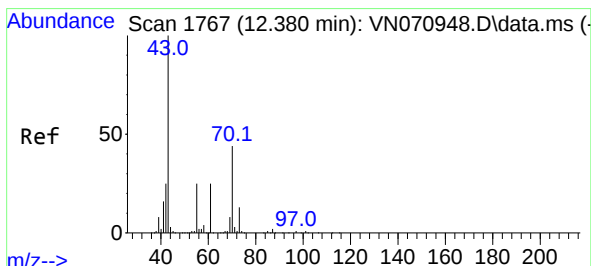
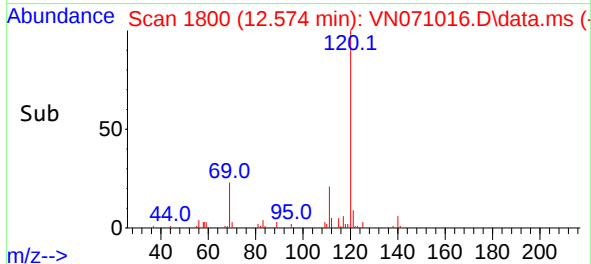
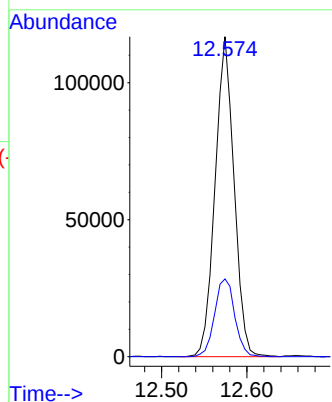
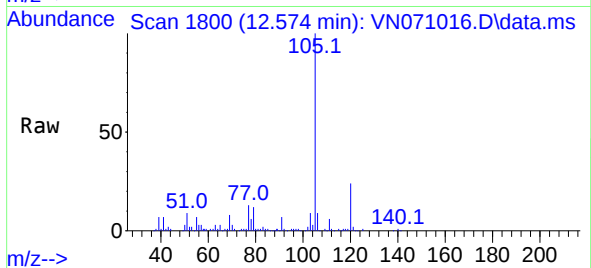




#73
Isopropylbenzene
Concen: 4.215 ug/l
RT: 12.574 min Scan# 11070
Delta R.T. 0.006 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

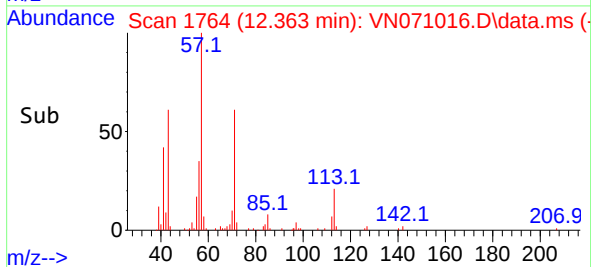
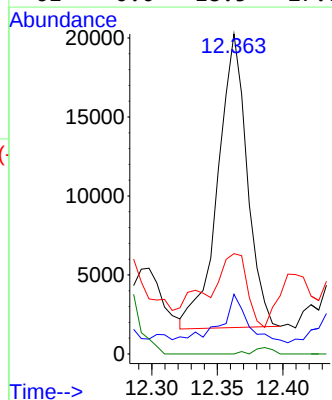
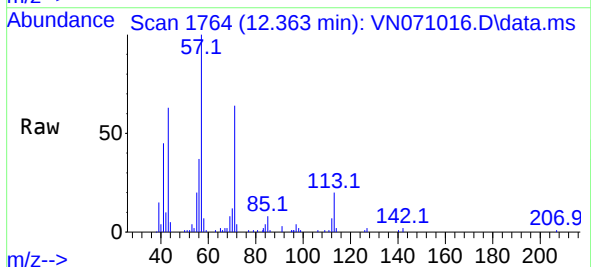
Instrument :
MSVOA_N
ClientSampleId :
1070

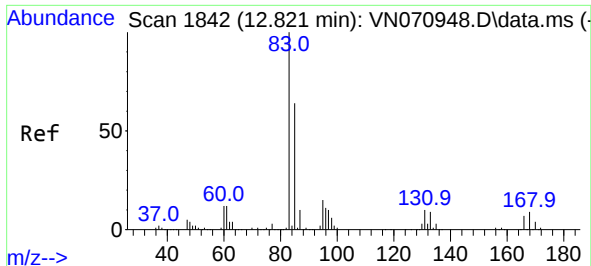
Tgt Ion:105 Resp: 180661
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1



#74
N-ethyl acetate
Concen: 2.103 ug/l
RT: 12.363 min Scan# 1764
Delta R.T. -0.018 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

Tgt Ion: 43 Resp: 28814
Ion Ratio Lower Upper
43 100
70 14.8 33.4 50.0#
55 22.9 19.3 28.9
61 0.0 18.5 27.7#

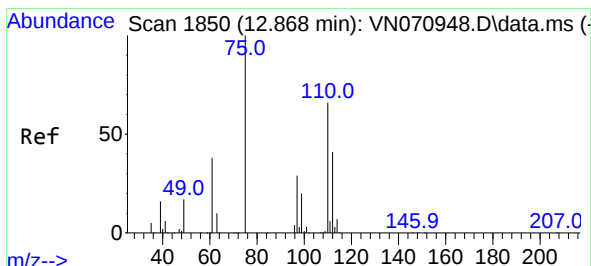
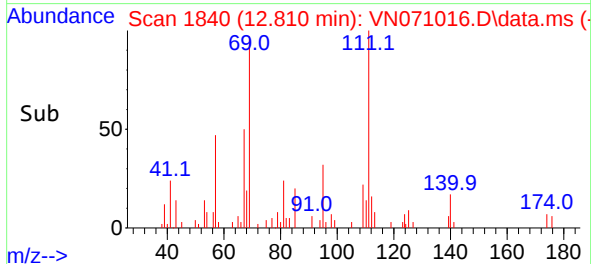
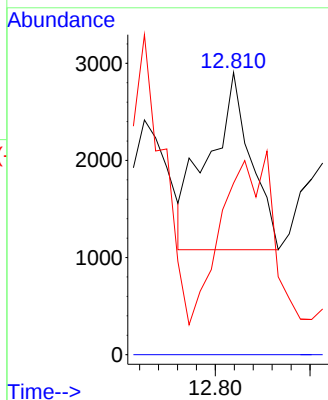
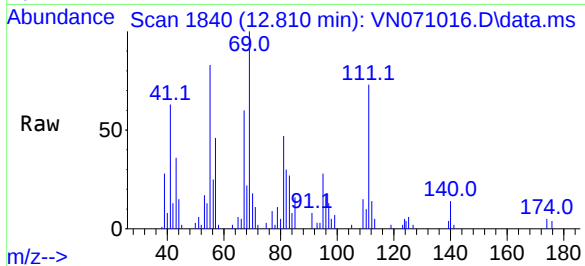




#75
1,1,2,2-Tetrachloroethane
Concen: 0.209 ug/l
RT: 12.810 min Scan# 1840
Delta R.T. -0.012 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

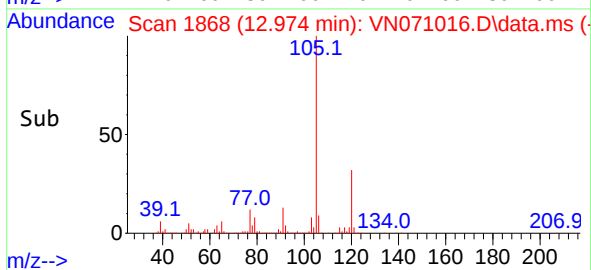
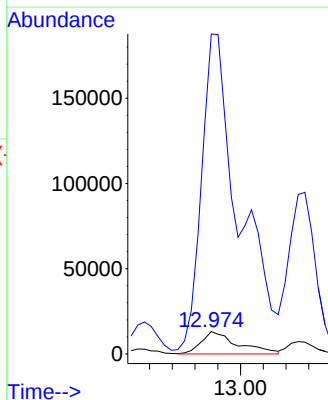
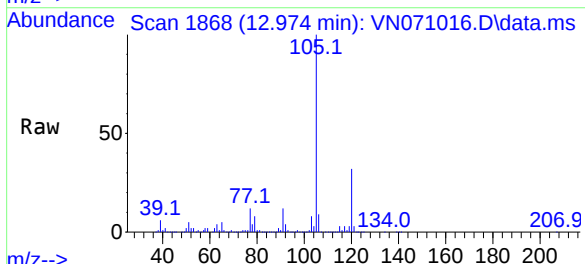
Instrument :
MSVOA_N
ClientSampleId :
1070

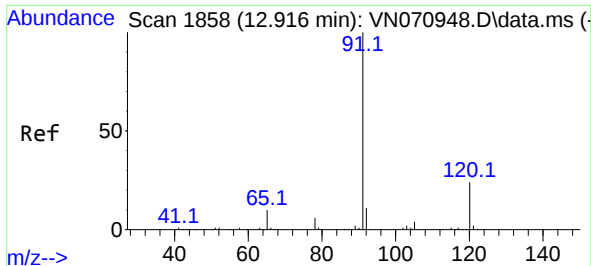
Tgt Ion: 83 Resp: 2840
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 0.0 32.4 97.2#



#76
1,2,3-Trichloropropane
Concen: 2.350 ug/l
RT: 12.974 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

Tgt Ion: 75 Resp: 29459
Ion Ratio Lower Upper
75 100
77 1475.1 82.6 247.8#

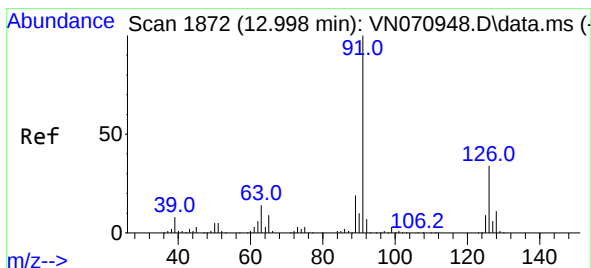
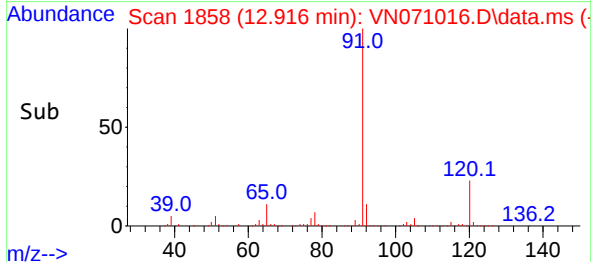
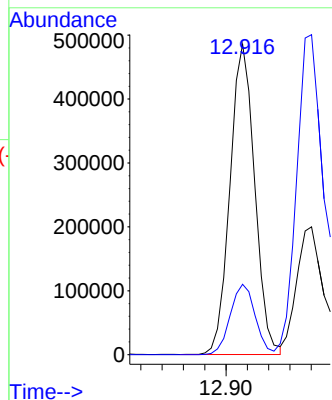
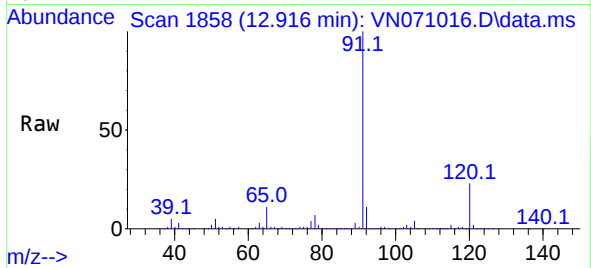




#78
n-propylbenzene
Concen: 16.272 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

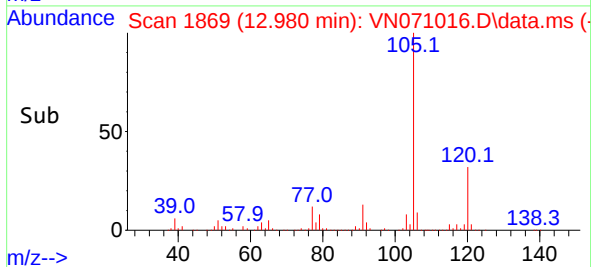
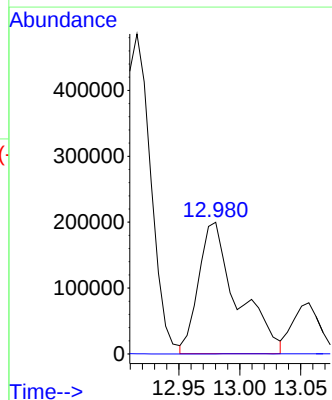
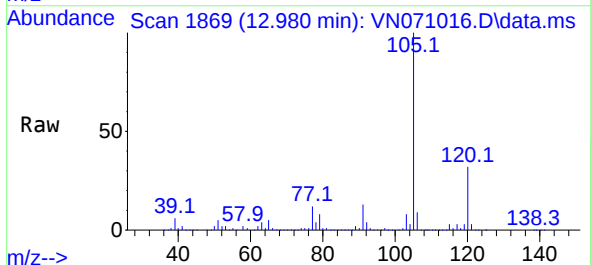
Instrument :
MSVOA_N
ClientSampleId :
1070

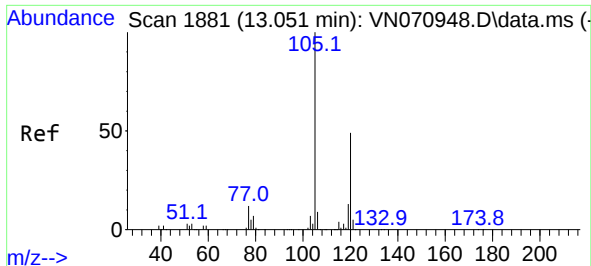
Tgt Ion: 91 Resp: 783639
Ion Ratio Lower Upper
91 100
120 22.9 11.9 35.9



#79
2-Chlorotoluene
Concen: 15.152 ug/l
RT: 12.980 min Scan# 1869
Delta R.T. -0.018 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

Tgt Ion: 91 Resp: 443147
Ion Ratio Lower Upper
91 100
126 0.1 18.3 54.8#

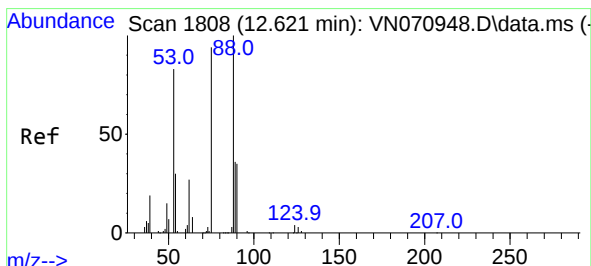
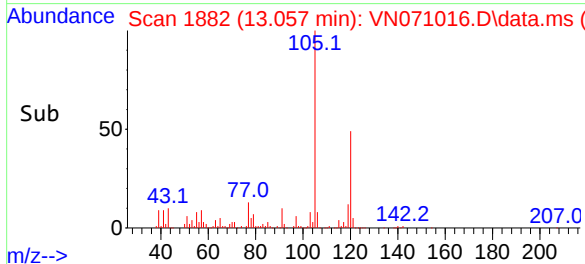
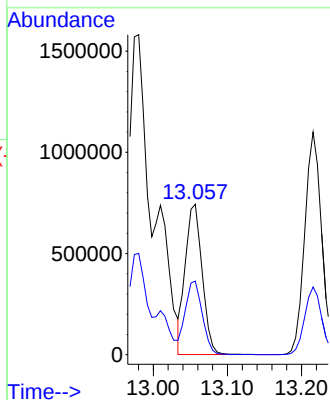
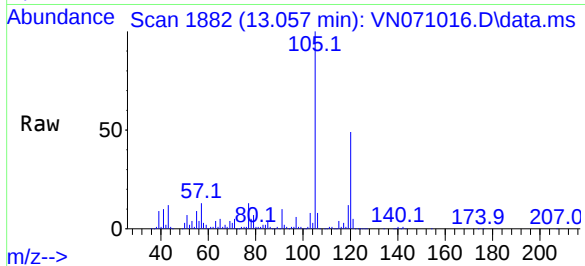




#80
1,3,5-Trimethylbenzene
Concen: 33.857 ug/l
RT: 13.057 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

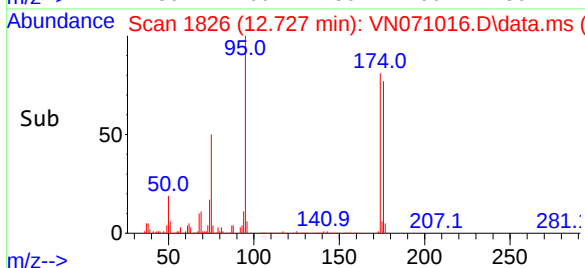
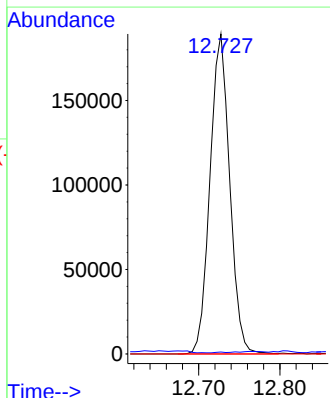
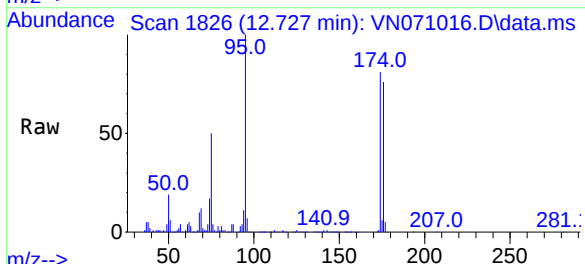
Instrument :
MSVOA_N
ClientSampleId :
1070

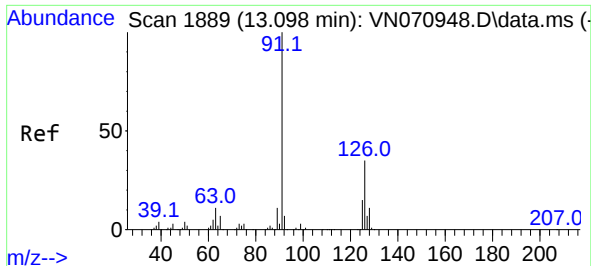
Tgt Ion:105 Resp: 1175714
Ion Ratio Lower Upper
105 100
120 49.2 24.6 73.6



#81
trans-1,4-Dichloro-2-butene
Concen: 82.489 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

Tgt Ion: 75 Resp: 319173
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#

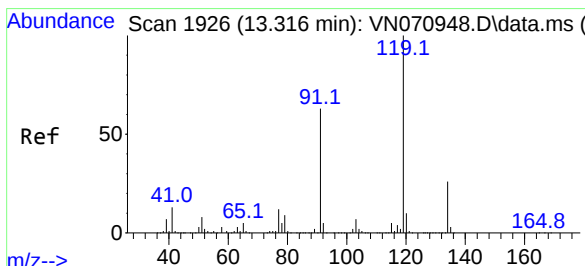
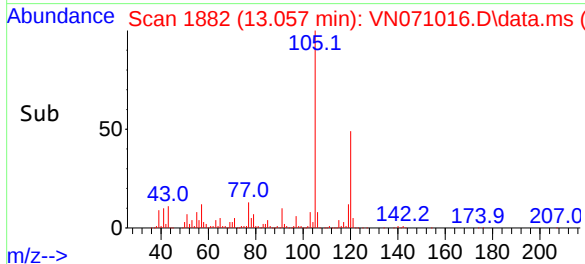
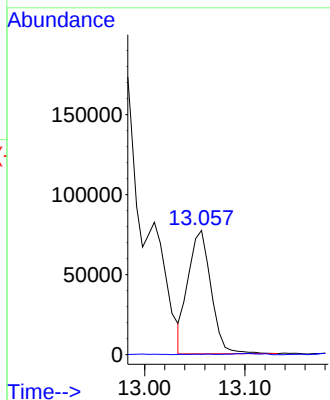
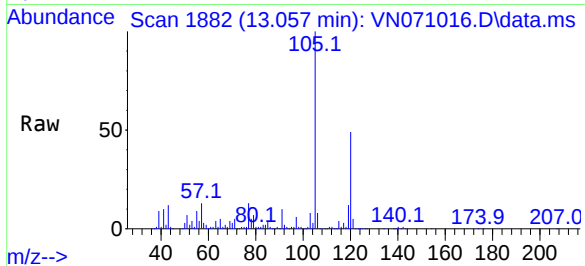




#82
4-Chlorotoluene
Concen: 4.317 ug/l
RT: 13.057 min Scan# 11
Delta R.T. -0.041 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

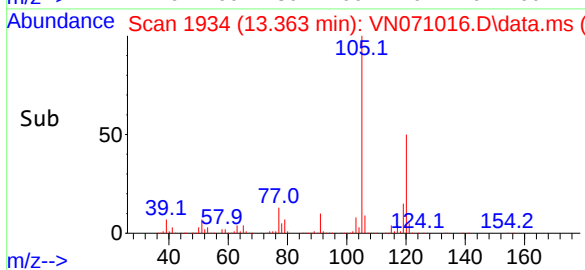
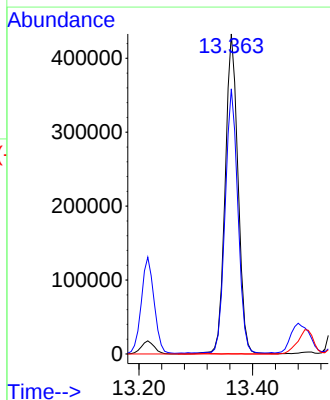
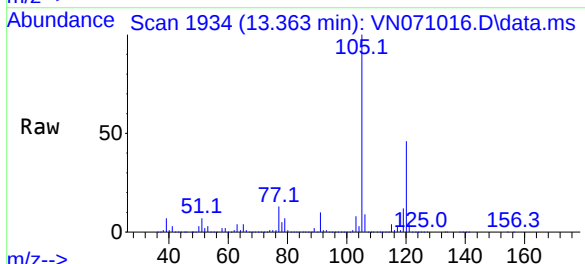
Instrument :
MSVOA_N
ClientSampleId :
1070

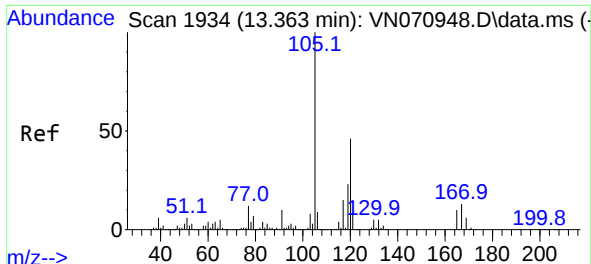
Tgt Ion: 91 Resp: 122563
Ion Ratio Lower Upper
91 100
126 0.5 18.2 54.6#



#83
tert-Butylbenzene
Concen: 20.675 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.047 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

Tgt Ion: 119 Resp: 680879
Ion Ratio Lower Upper
119 100
91 81.9 31.5 94.5
134 0.0 12.4 37.4#

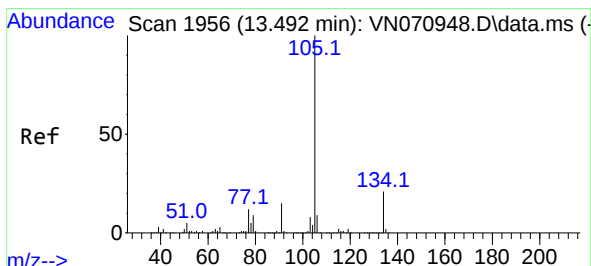
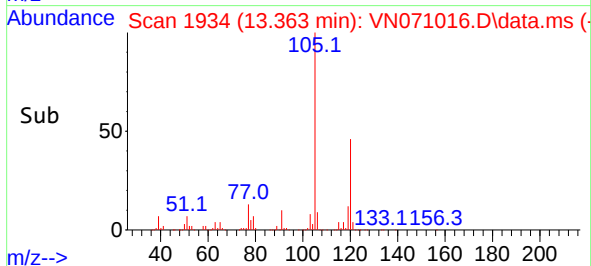
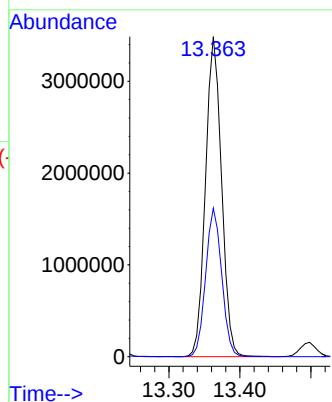
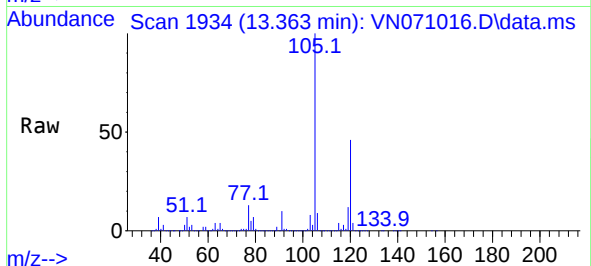




#84
1,2,4-Trimethylbenzene
Concen: 160.135 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

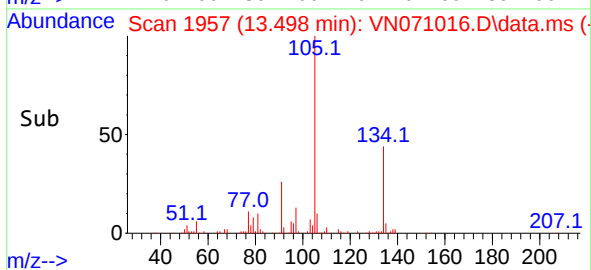
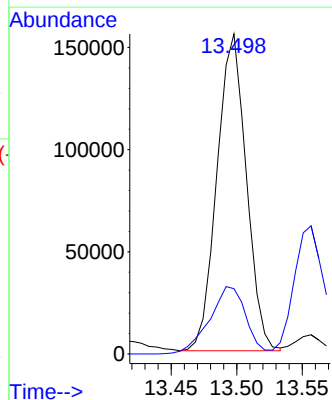
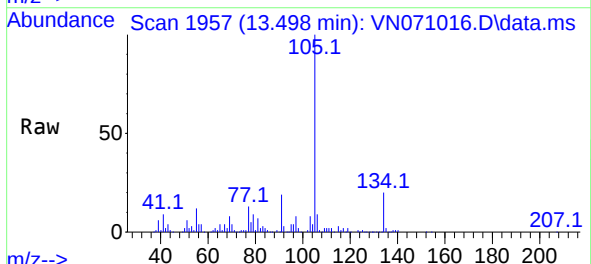
Instrument :
MSVOA_N
ClientSampleId :
1070

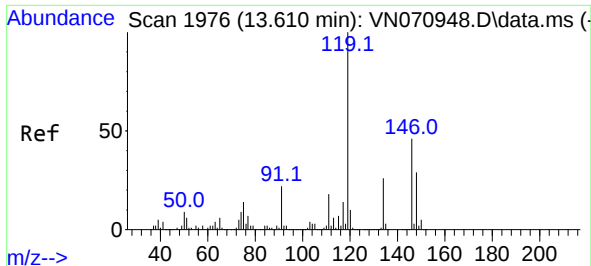
Tgt Ion:105 Resp: 5473945
Ion Ratio Lower Upper
105 100
120 46.5 22.8 68.4



#85
sec-Butylbenzene
Concen: 5.562 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

Tgt Ion:105 Resp: 241360
Ion Ratio Lower Upper
105 100
134 26.4 10.4 31.1

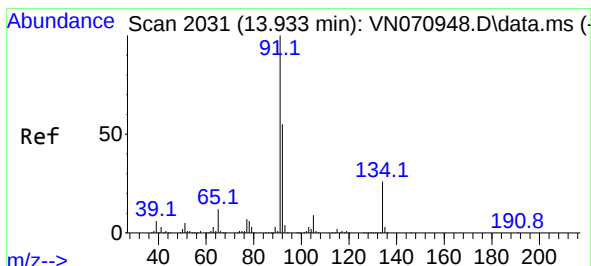
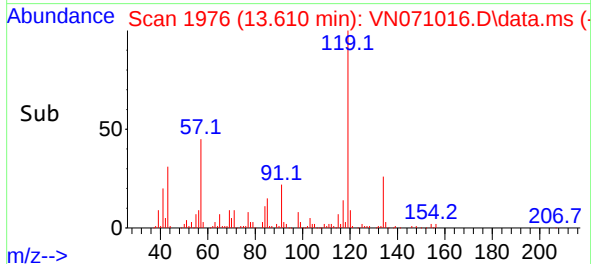
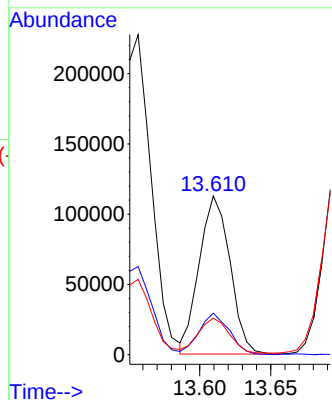
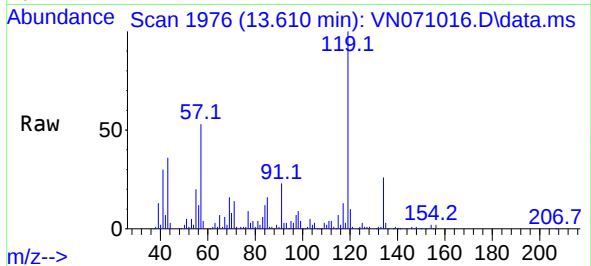




#86
p-Isopropyltoluene
Concen: 4.763 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

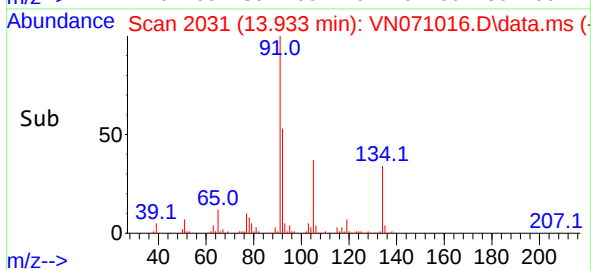
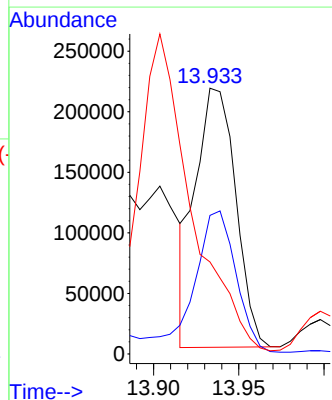
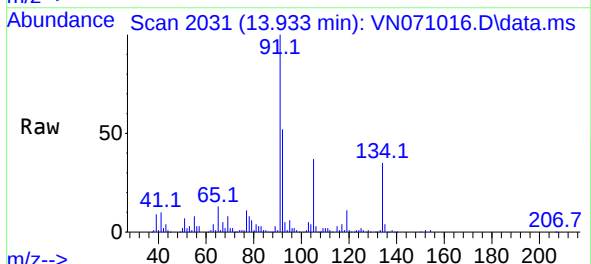
Instrument :
MSVOA_N
ClientSampleId :
1070

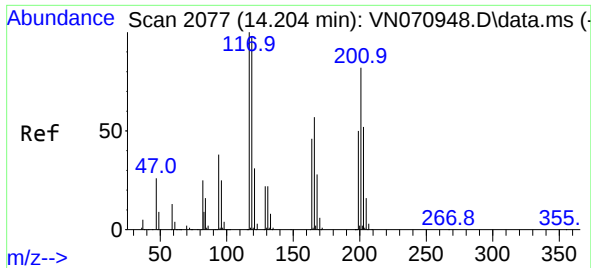
Tgt Ion:119 Resp: 169683
Ion Ratio Lower Upper
119 100
134 25.3 13.6 40.7
91 21.8 11.4 34.1



#89
n-Butylbenzene
Concen: 12.127 ug/l
RT: 13.933 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

Tgt Ion: 91 Resp: 352465
Ion Ratio Lower Upper
91 100
92 56.5 25.4 76.0
134 0.0 13.6 40.8#

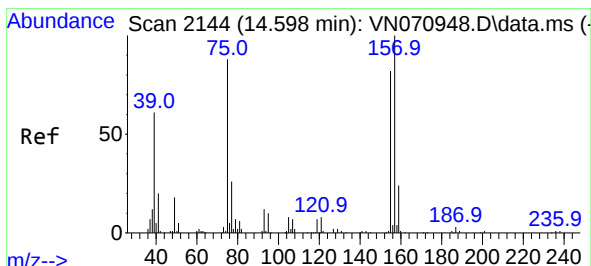
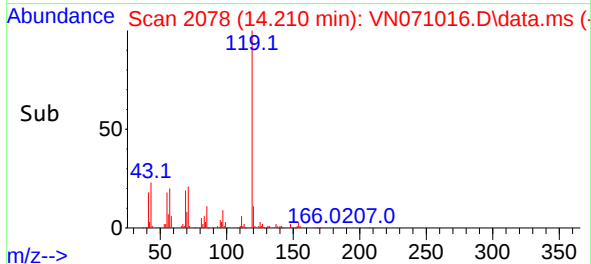
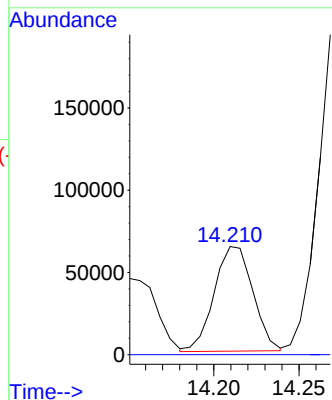
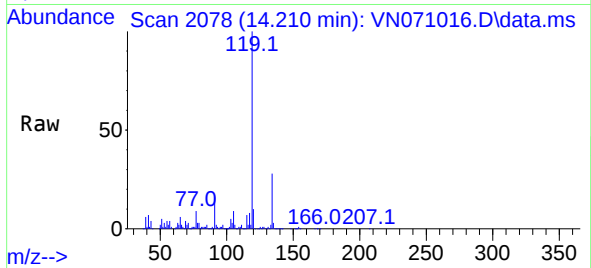




#90
Hexachloroethane
Concen: 15.824 ug/l
RT: 14.210 min Scan# 2077
Delta R.T. 0.006 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

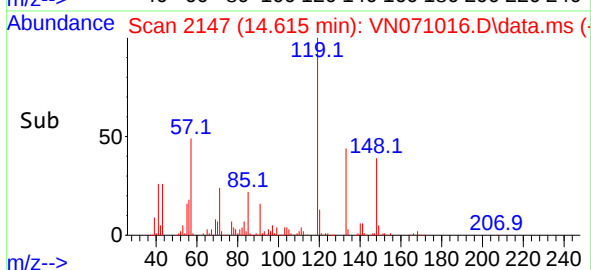
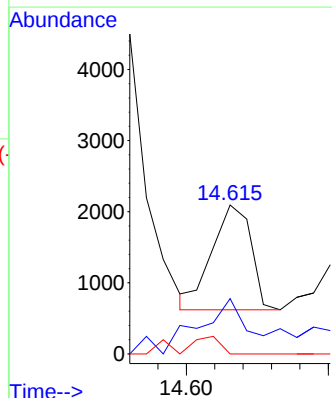
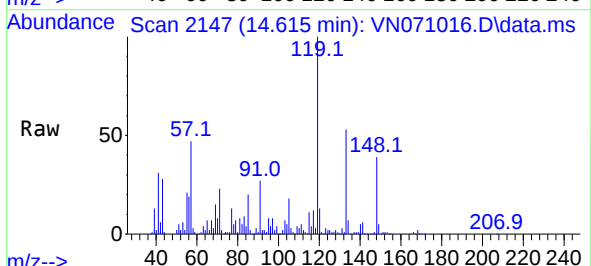
Instrument :
MSVOA_N
ClientSampleId :
1070

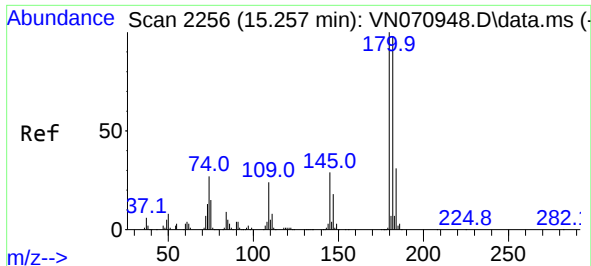
Tgt Ion:117 Resp: 100668
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.637 ug/l
RT: 14.615 min Scan# 2147
Delta R.T. 0.018 min
Lab File: VN071016.D
Acq: 18 Feb 2022 21:27

Tgt Ion: 75 Resp: 1405
Ion Ratio Lower Upper
75 100
155 70.5 46.9 140.7
157 16.2 60.6 181.7#

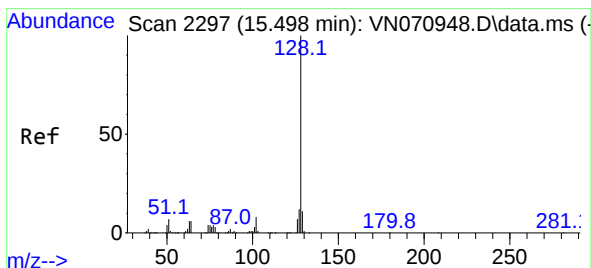
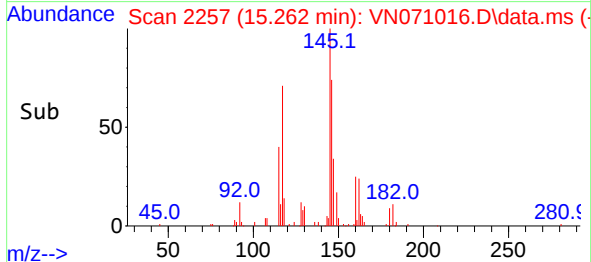
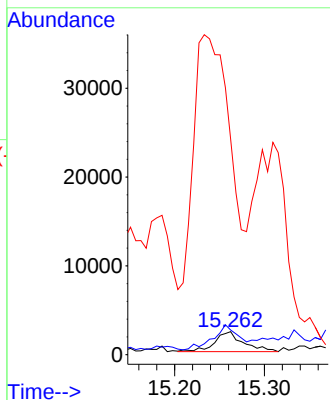
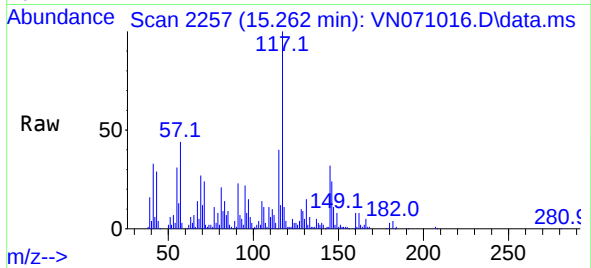




#93
 1,2,4-Trichlorobenzene
 Concen: 2.494 ug/l
 RT: 15.262 min Scan# 21070
 Delta R.T. 0.005 min
 Lab File: VN071016.D
 Acq: 18 Feb 2022 21:27

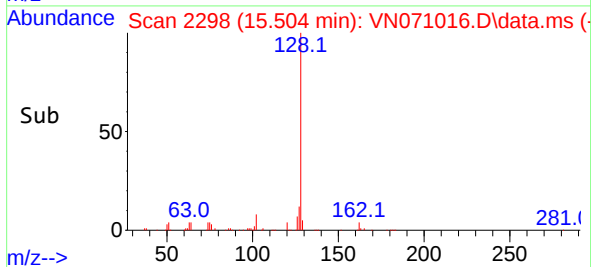
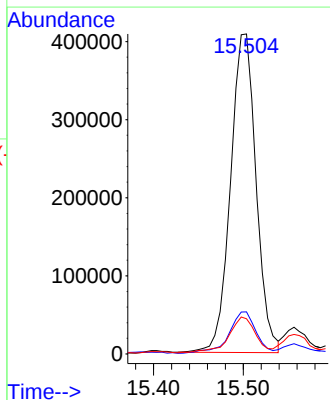
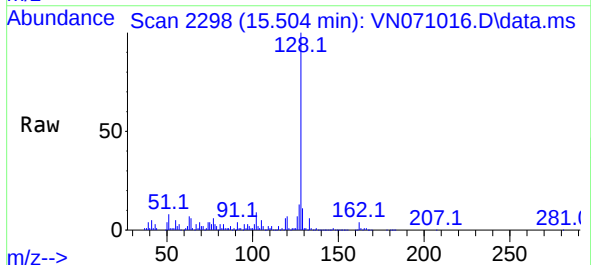
Instrument :
 MSVOA_N
 ClientSampleId :
 1070

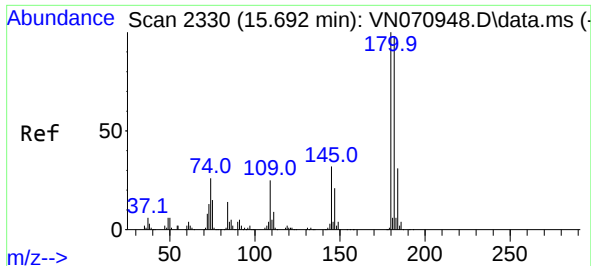
Tgt Ion:180 Resp: 5058
 Ion Ratio Lower Upper
 180 100
 182 106.6 48.3 144.9
 145 0.0 14.5 43.5#



#95
 Naphthalene
 Concen: 35.540 ug/l
 RT: 15.504 min Scan# 2298
 Delta R.T. 0.006 min
 Lab File: VN071016.D
 Acq: 18 Feb 2022 21:27

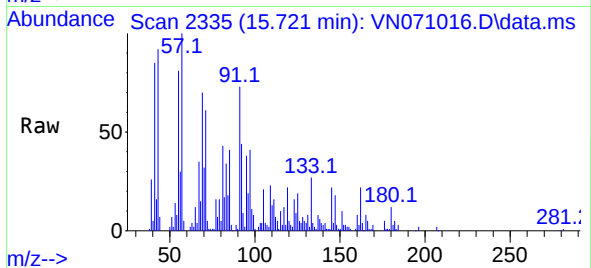
Tgt Ion:128 Resp: 807962
 Ion Ratio Lower Upper
 128 100
 127 13.6 10.5 15.7
 129 11.8 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 3.430 ug/l
 RT: 15.721 min Scan# 21
 Delta R.T. 0.029 min
 Lab File: VN071016.D
 Acq: 18 Feb 2022 21:27

Instrument :
 MSVOA_N
 ClientSampleId :
 1070



Tgt Ion:180 Resp: 8700
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.4 142.2#
 145 0.0 15.0 45.1#

