

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081821\
 Data File : VN068188.D
 Acq On : 18 Aug 2021 13:06
 Operator : JC/MD
 Sample : M3361-14DL 40X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 41909DL

Quant Time: Aug 18 13:44:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

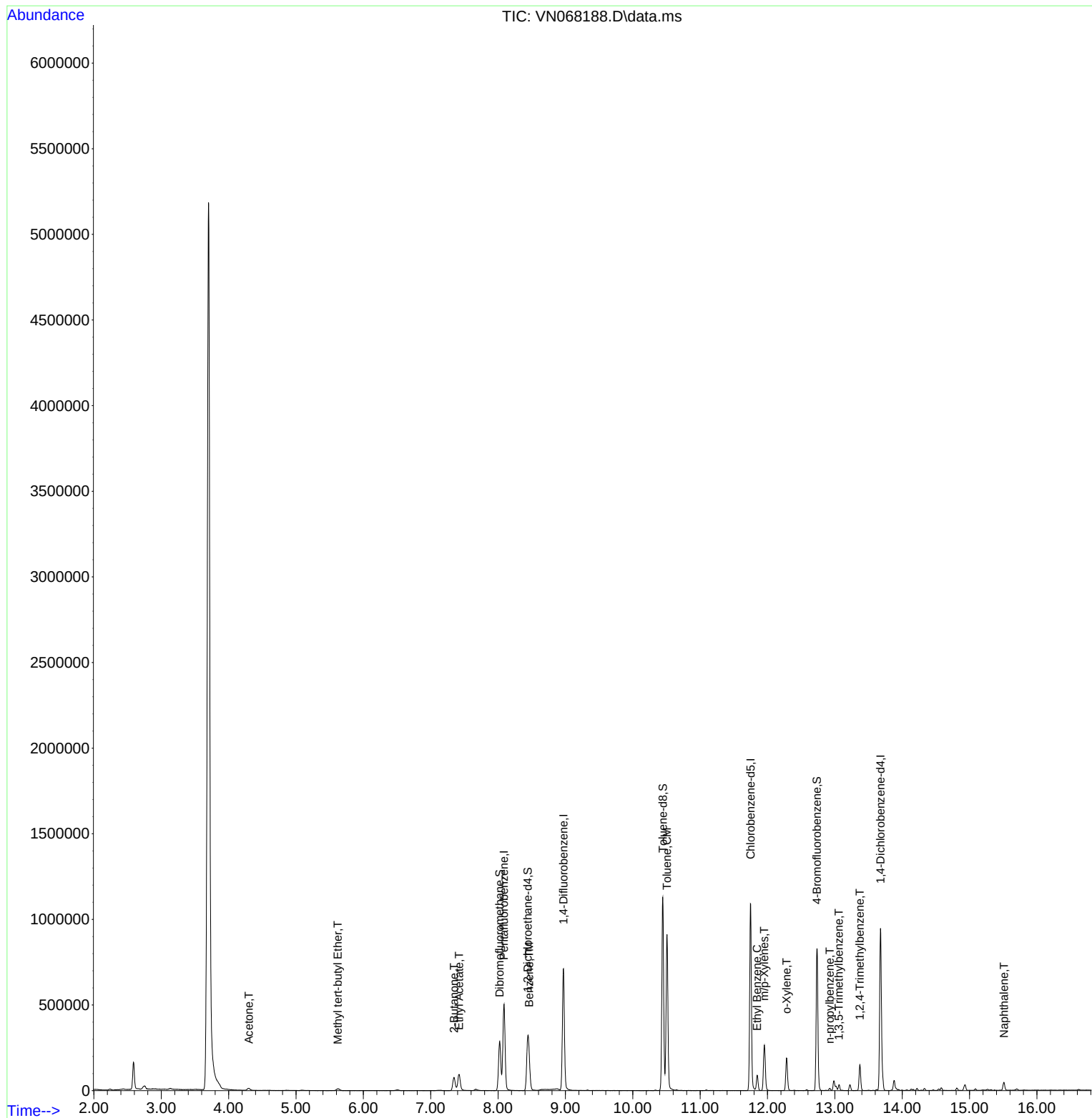
Internal Standards						
1) Pentafluorobenzene	8.088	168	424833	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	683984	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	700502	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	290807	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	237300	52.314	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 104.620%		
35) Dibromofluoromethane	8.021	113	212125	49.398	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 98.800%		
50) Toluene-d8	10.446	98	833827	50.960	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 101.920%		
62) 4-Bromofluorobenzene	12.733	95	286507	52.599	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 105.200%		
Target Compounds						
						Qvalue
16) Acetone	4.299	43	22552	17.028	ug/l	# 82
19) Methyl tert-butyl Ether	5.618	73	16874	1.520	ug/l	98
25) 2-Butanone	7.345	43	117256	56.811	ug/l	# 89
37) Ethyl Acetate	7.420	43	143808	30.191	ug/l	# 94
40) Benzene	8.461	78	130303	7.635	ug/l	97
52) Toluene	10.507	92	423717	36.420	ug/l	99
67) Ethyl Benzene	11.846	91	67951	2.872	ug/l	97
68) m/p-Xylenes	11.953	106	94714	10.008	ug/l	81
69) o-Xylene	12.283	106	57457	6.283	ug/l	80
78) n-propylbenzene	12.924	91	11636	0.524	ug/l	86
80) 1,3,5-Trimethylbenzene	13.061	105	19028	1.137	ug/l	97
84) 1,2,4-Trimethylbenzene	13.372	105	91507	5.602	ug/l	91
95) Naphthalene	15.509	128	45935	7.099	ug/l	100

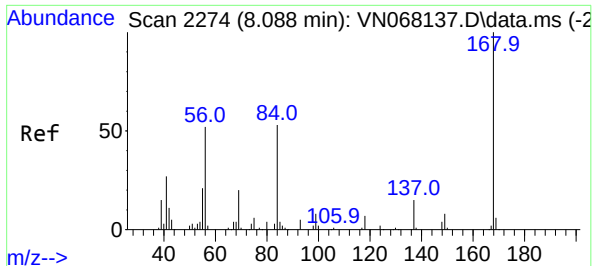
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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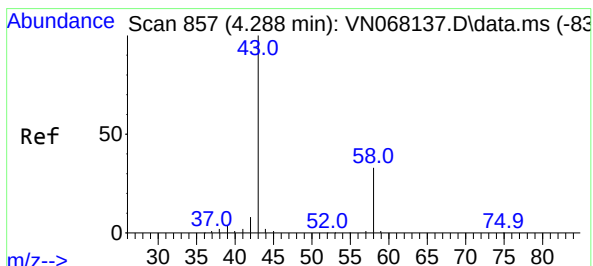
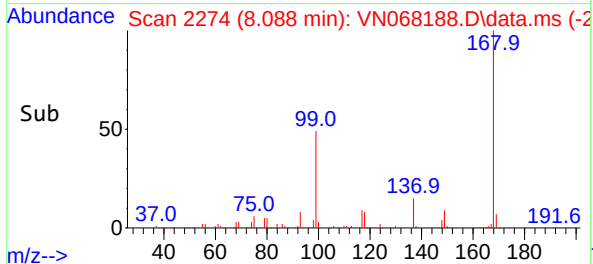
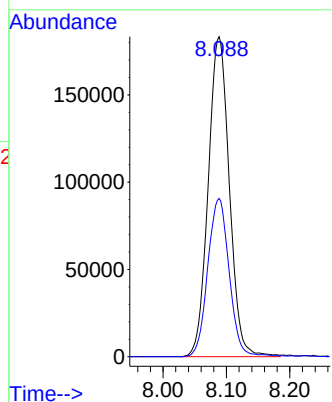
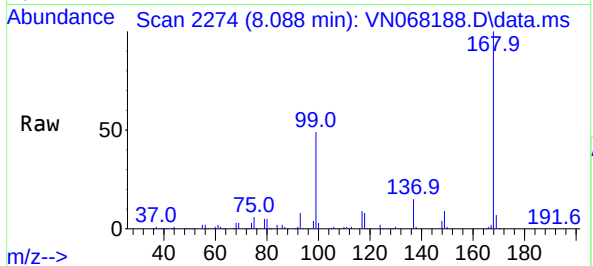




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068188.D
Acq: 18 Aug 2021 13:06

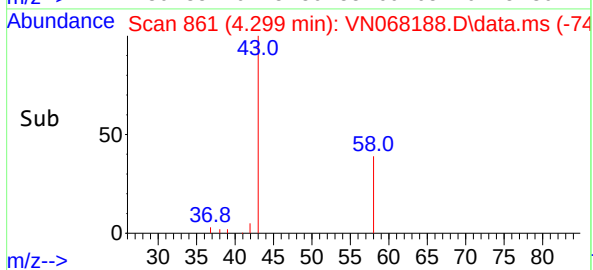
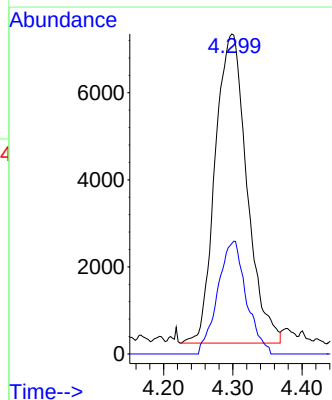
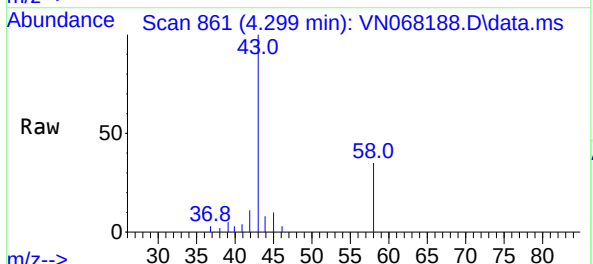
Instrument :
MSVOA_N
ClientSampled :
41909DL

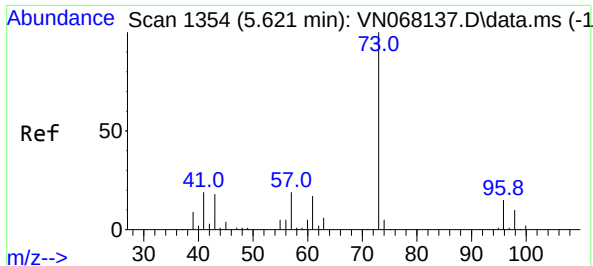
Tgt Ion:168 Resp: 424833
Ion Ratio Lower Upper
168 100
99 49.4 62.9 94.3#



#16
Acetone
Concen: 17.028 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.011 min
Lab File: VN068188.D
Acq: 18 Aug 2021 13:06

Tgt Ion: 43 Resp: 22552
Ion Ratio Lower Upper
43 100
58 35.7 21.2 31.8#

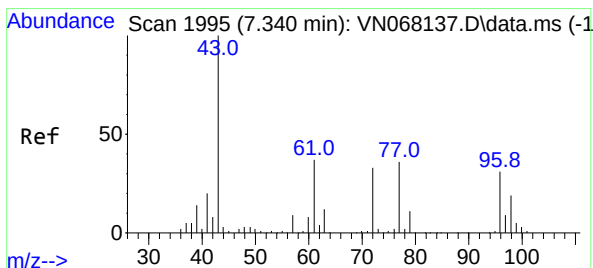
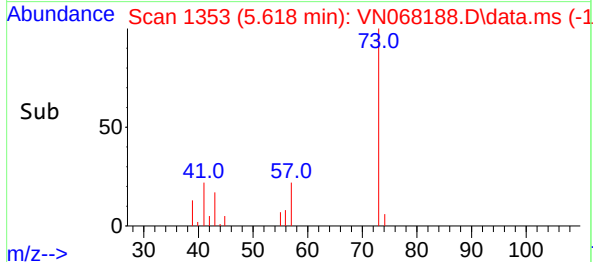
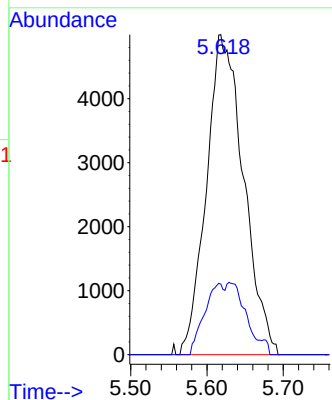
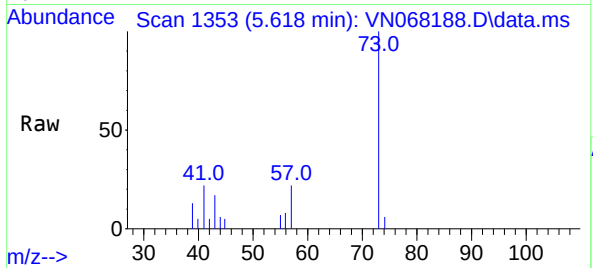




#19
Methyl tert-butyl Ether
Concen: 1.520 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. -0.003 min
Lab File: VN068188.D
Acq: 18 Aug 2021 13:06

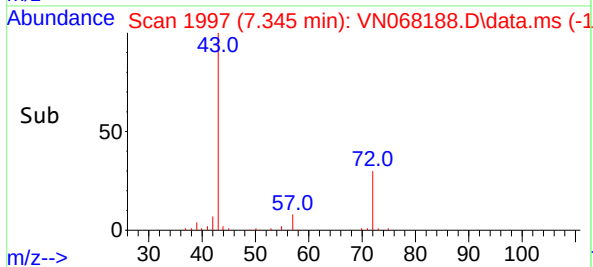
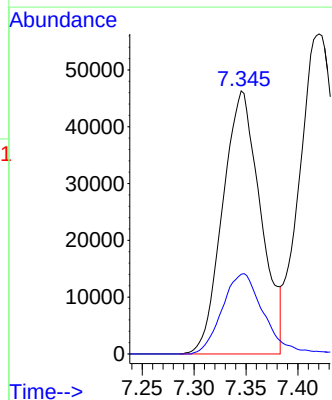
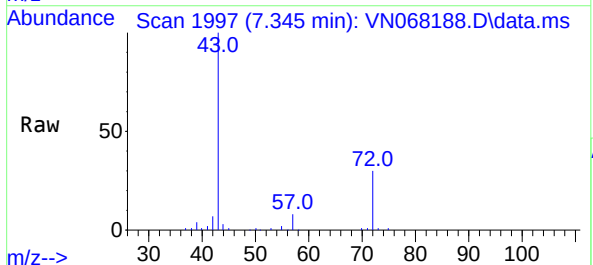
Instrument :
MSVOA_N
ClientSampled :
41909DL

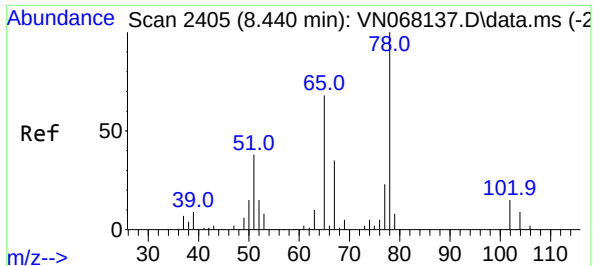
Tgt Ion: 73 Resp: 16874
Ion Ratio Lower Upper
73 100
57 22.0 17.0 25.6



#25
2-Butanone
Concen: 56.811 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. 0.005 min
Lab File: VN068188.D
Acq: 18 Aug 2021 13:06

Tgt Ion: 43 Resp: 117256
Ion Ratio Lower Upper
43 100
72 30.3 19.7 29.5#

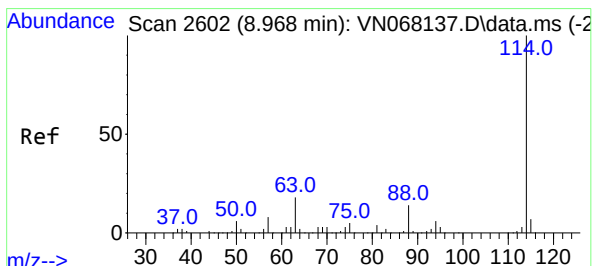
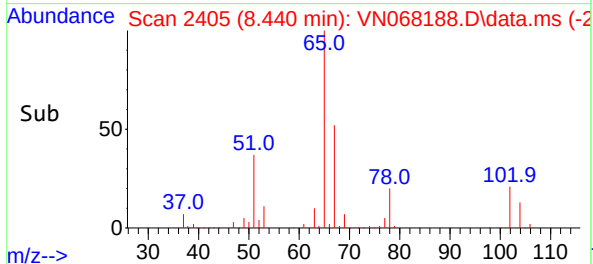
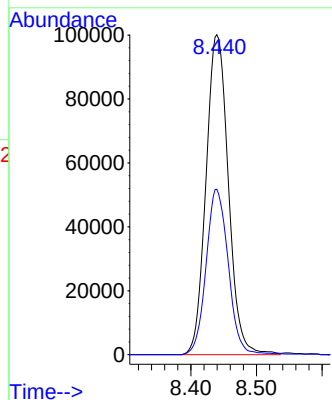
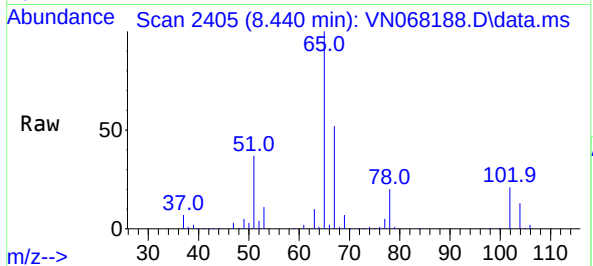




#33
1,2-Dichloroethane-d4
Concen: 52.314 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068188.D
Acq: 18 Aug 2021 13:06

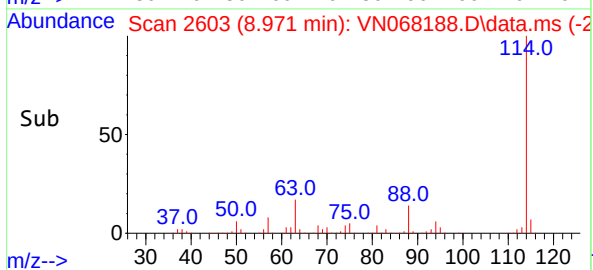
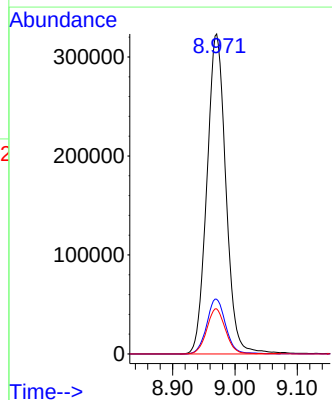
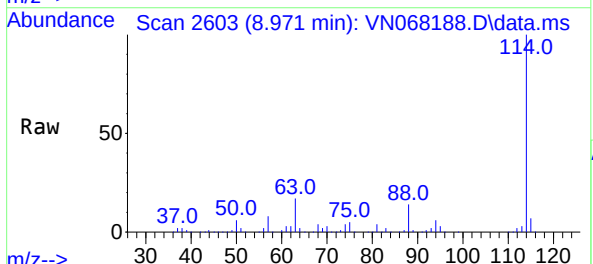
Instrument :
MSVOA_N
ClientSampleId :
41909DL

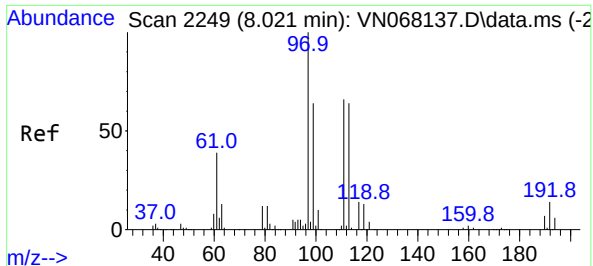
Tgt Ion: 65 Resp: 237300
Ion Ratio Lower Upper
65 100
67 51.1 0.0 98.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068188.D
Acq: 18 Aug 2021 13:06

Tgt Ion: 114 Resp: 683984
Ion Ratio Lower Upper
114 100
63 17.1 0.0 49.0
88 14.1 0.0 36.6



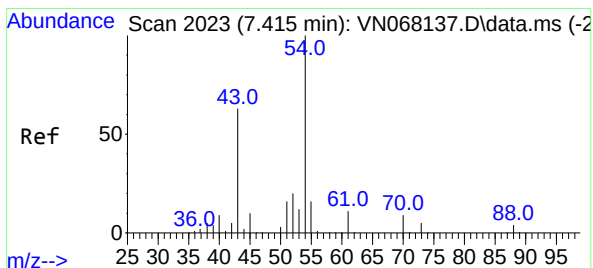
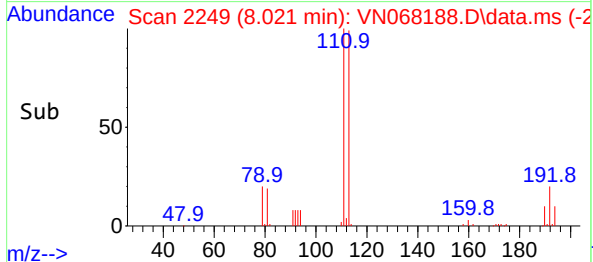
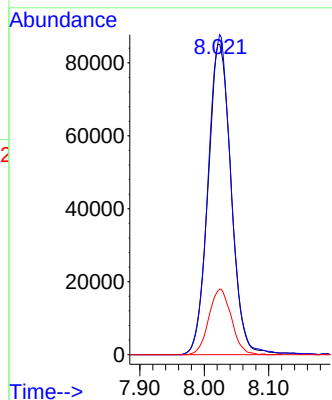
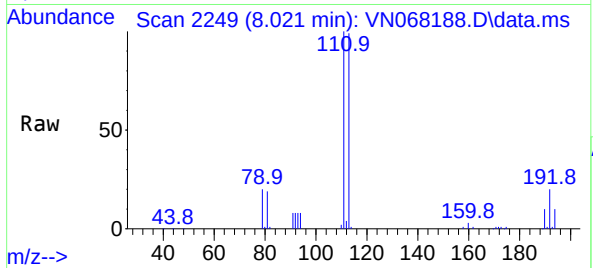


#35
Dibromofluoromethane
Concen: 49.398 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN068188.D
Acq: 18 Aug 2021 13:06

Instrument :
MSVOA_N
ClientSampleID :
41909DL

Tgt Ion: 113 Resp: 212125

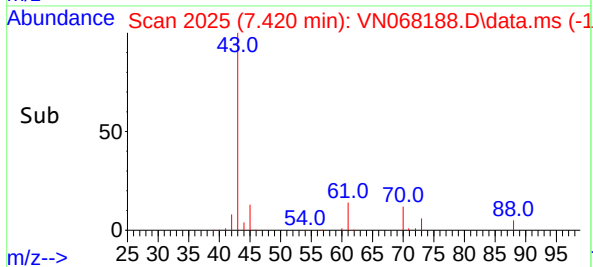
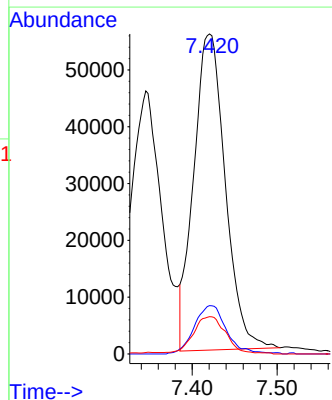
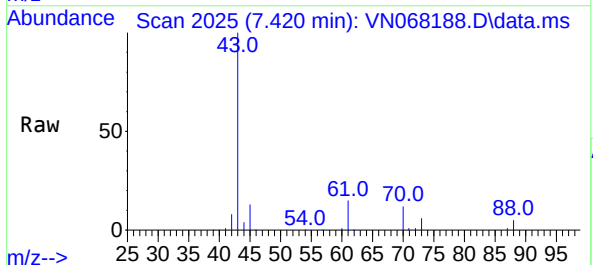
Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.8	125.8
192	20.5	13.4	20.0#

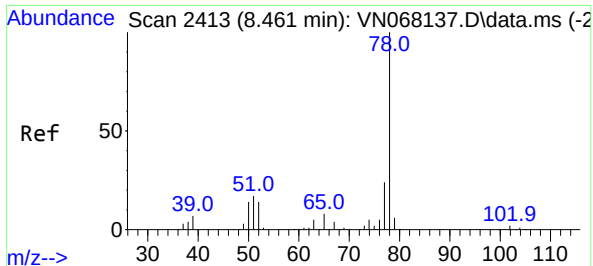


#37
Ethyl Acetate
Concen: 30.191 ug/l
RT: 7.420 min Scan# 2025
Delta R.T. 0.005 min
Lab File: VN068188.D
Acq: 18 Aug 2021 13:06

Tgt Ion: 43 Resp: 143808

Ion	Ratio	Lower	Upper
43	100		
61	15.5	10.6	16.0
70	12.3	8.1	12.1#

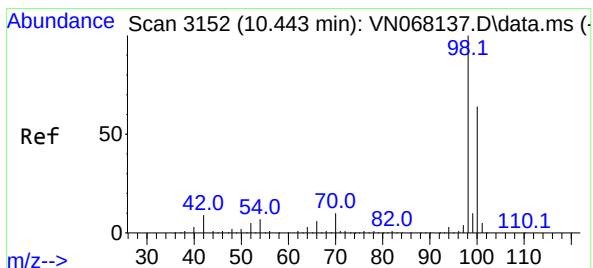
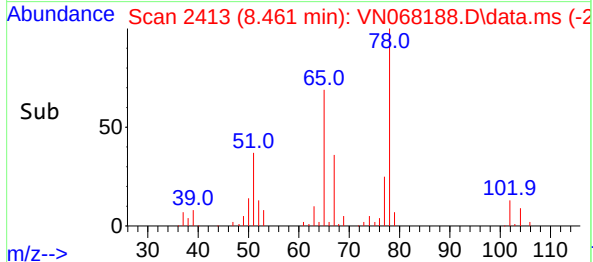
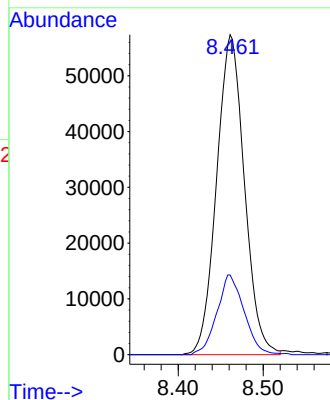
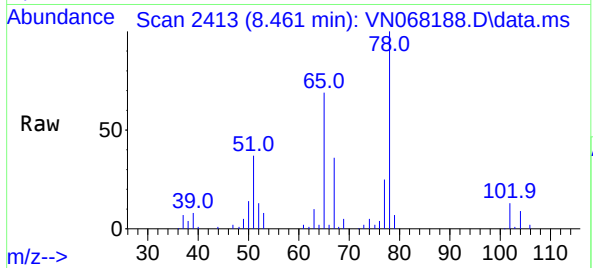




#40
Benzene
Concen: 7.635 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN068188.D
Acq: 18 Aug 2021 13:06

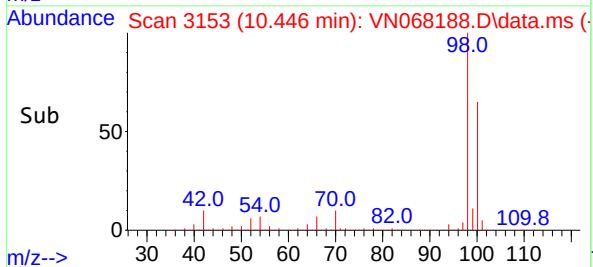
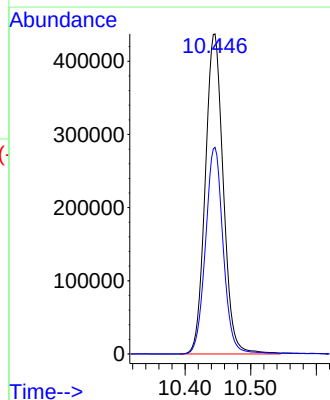
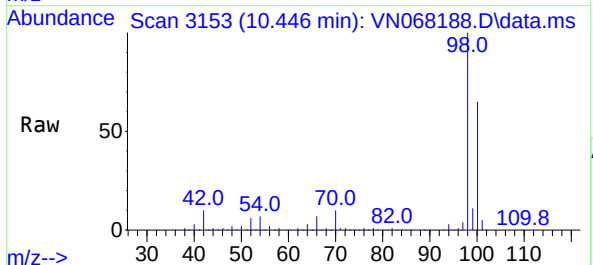
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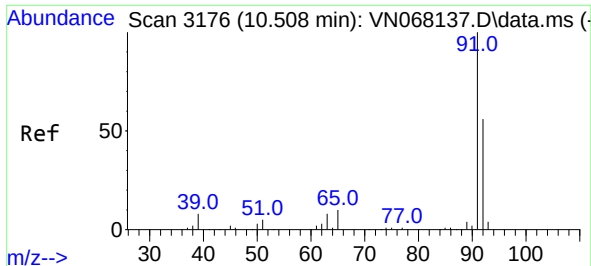
Tgt Ion: 78 Resp: 130303
Ion Ratio Lower Upper
78 100
77 24.9 18.9 28.3



#50
Toluene-d8
Concen: 50.960 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068188.D
Acq: 18 Aug 2021 13:06

Tgt Ion: 98 Resp: 833827
Ion Ratio Lower Upper
98 100
100 63.4 51.7 77.5

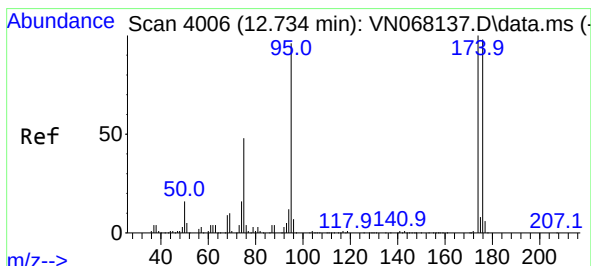
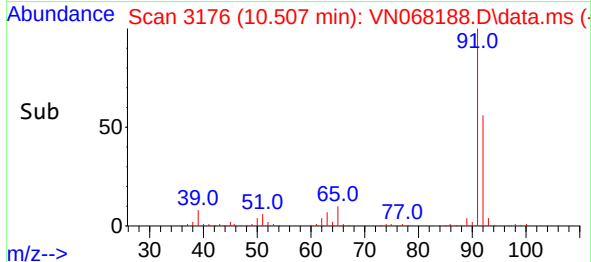
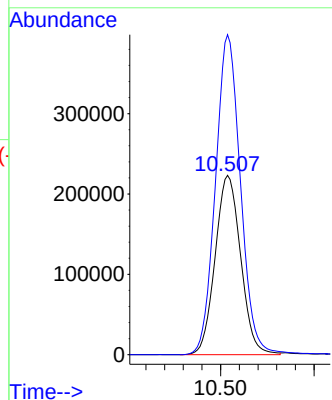
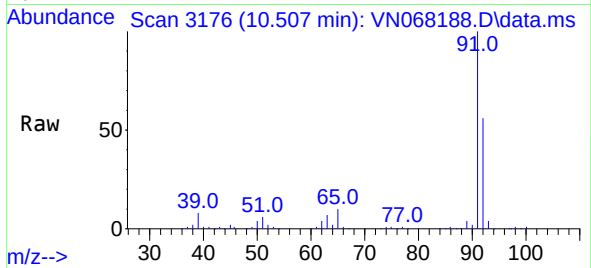




#52
Toluene
Concen: 36.420 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.001 min
Lab File: VN068188.D
Acq: 18 Aug 2021 13:06

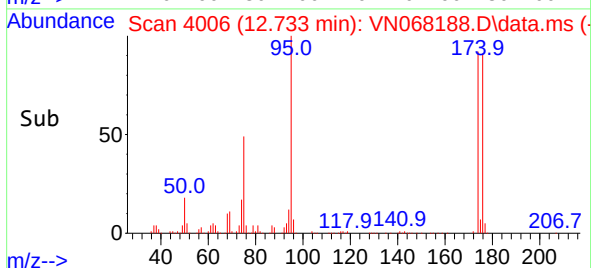
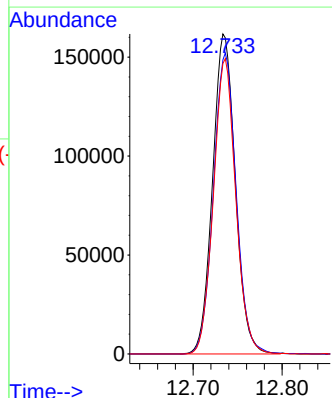
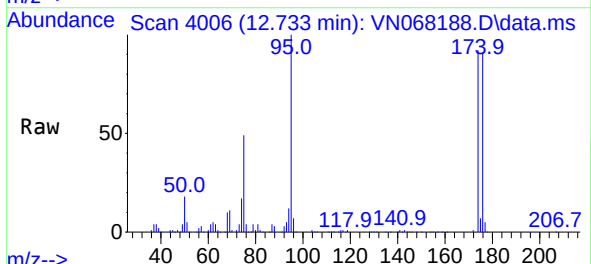
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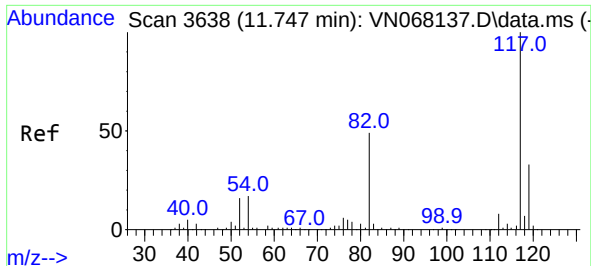
Tgt Ion: 92 Resp: 423717
Ion Ratio Lower Upper
92 100
91 175.9 139.6 209.4



#62
4-Bromofluorobenzene
Concen: 52.599 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068188.D
Acq: 18 Aug 2021 13:06

Tgt Ion: 95 Resp: 286507
Ion Ratio Lower Upper
95 100
174 94.4 0.0 122.0
176 90.8 0.0 117.6

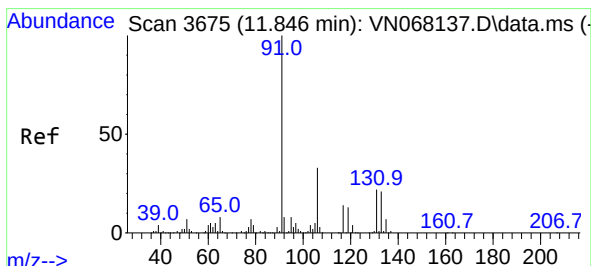
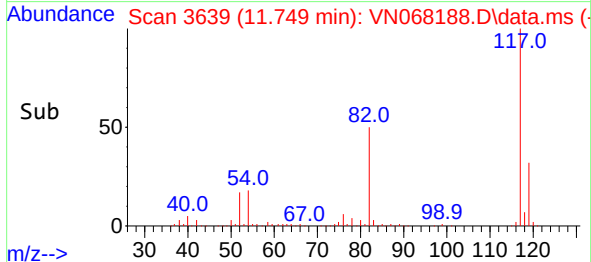
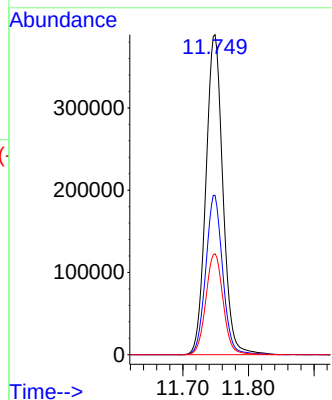
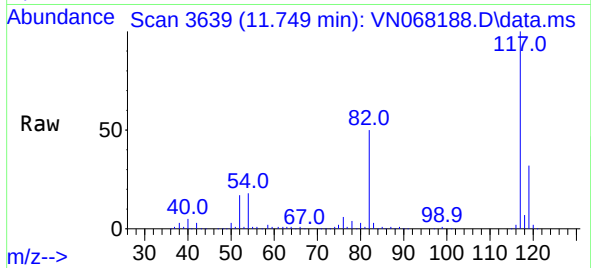




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068188.D
Acq: 18 Aug 2021 13:06

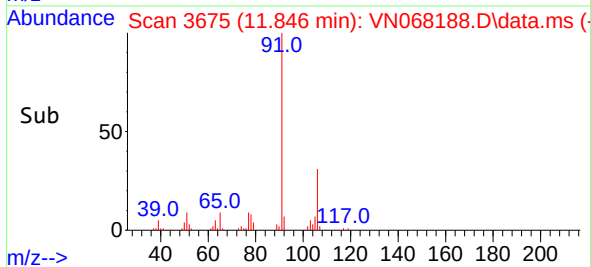
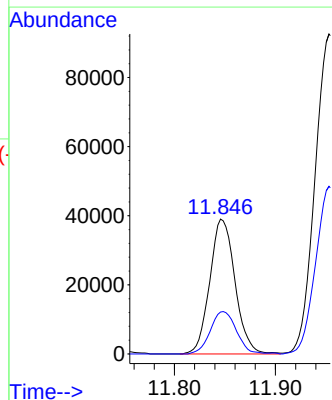
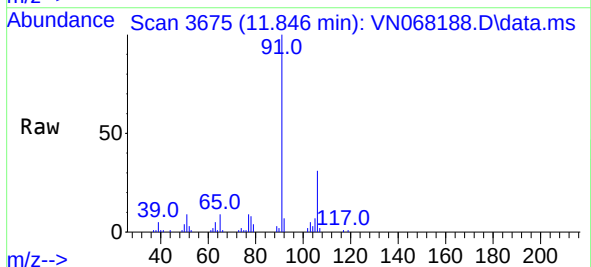
Instrument :
MSVOA_N
ClientSampleID :
41909DL

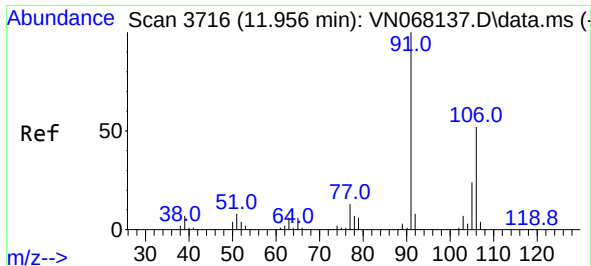
Tgt Ion:117 Resp: 700502
Ion Ratio Lower Upper
117 100
82 49.8 53.1 79.7#
119 31.5 25.5 38.3



#67
Ethyl Benzene
Concen: 2.872 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN068188.D
Acq: 18 Aug 2021 13:06

Tgt Ion: 91 Resp: 67951
Ion Ratio Lower Upper
91 100
106 31.0 23.4 35.0

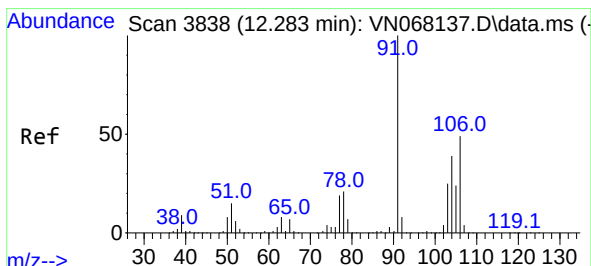
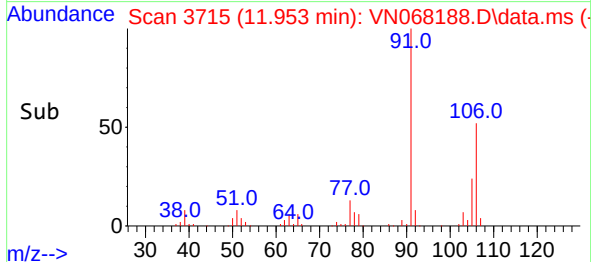
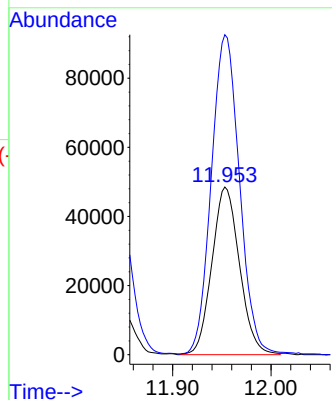
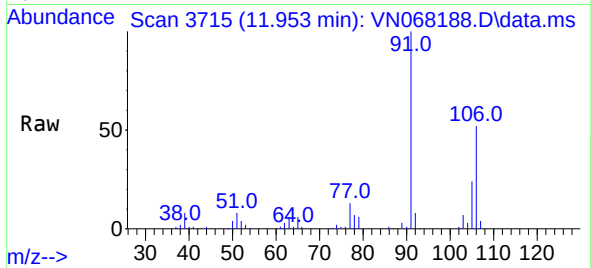




#68
m/p-Xylenes
Concen: 10.008 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN068188.D
Acq: 18 Aug 2021 13:06

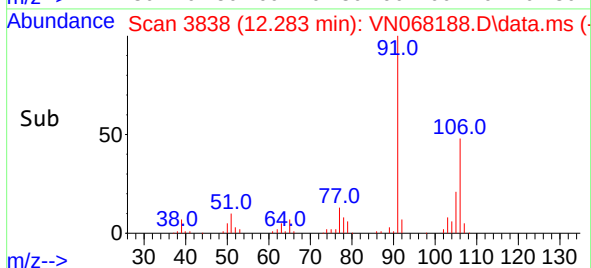
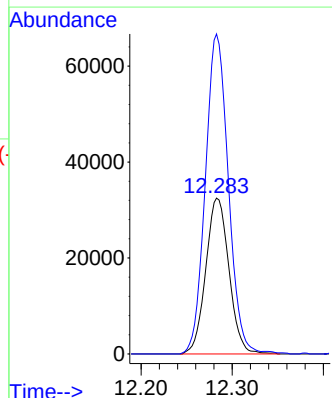
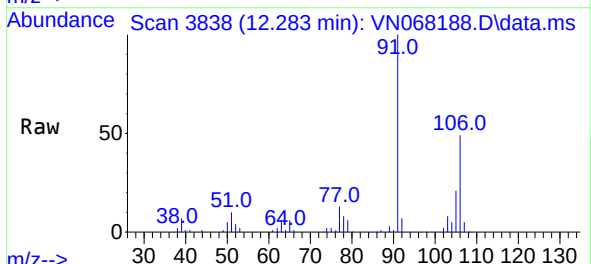
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41909DL

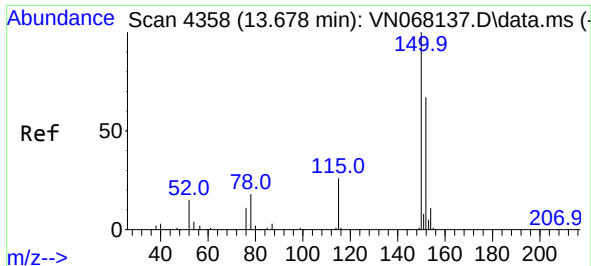
Tgt Ion:106 Resp: 94714
Ion Ratio Lower Upper
106 100
91 194.2 180.6 270.8



#69
o-Xylene
Concen: 6.283 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN068188.D
Acq: 18 Aug 2021 13:06

Tgt Ion:106 Resp: 57457
Ion Ratio Lower Upper
106 100
91 203.0 118.3 354.9

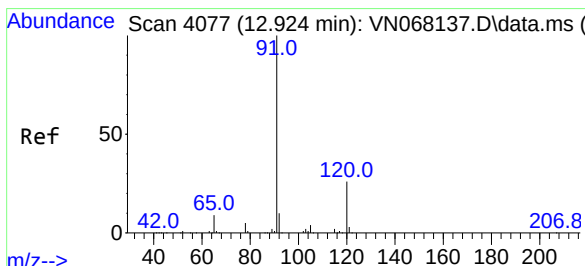
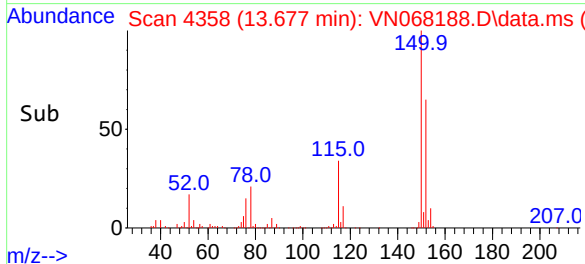
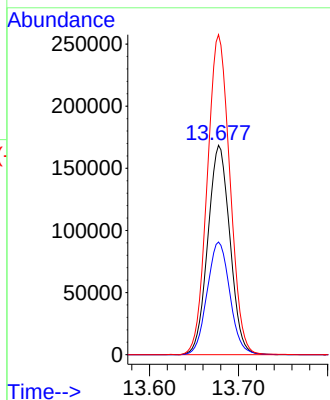
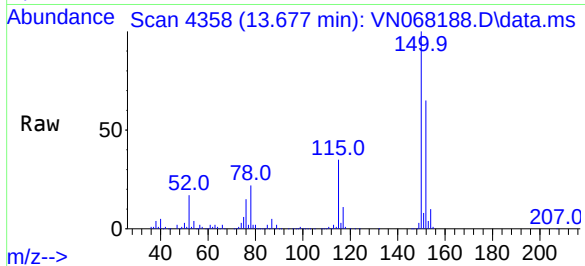




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.001 min
Lab File: VN068188.D
Acq: 18 Aug 2021 13:06

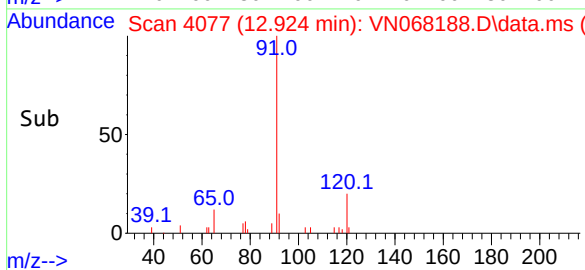
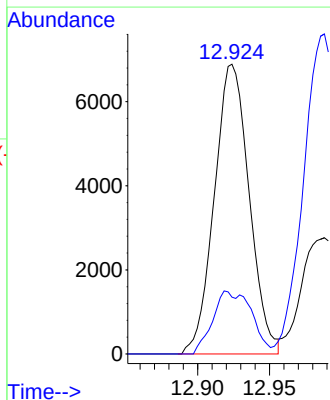
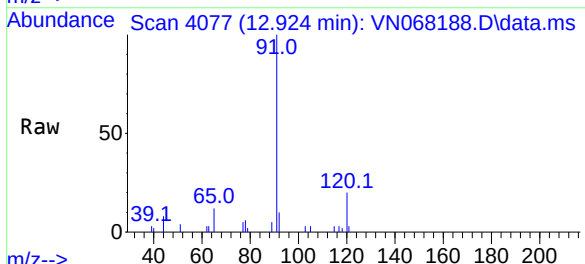
Instrument :
MSVOA_N
ClientSampled :
41909DL

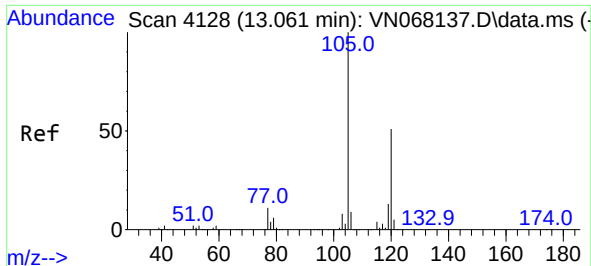
Tgt Ion:152 Resp: 290807
Ion Ratio Lower Upper
152 100
115 55.4 36.1 108.5
150 156.2 0.0 351.8



#78
n-propylbenzene
Concen: 0.524 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. -0.000 min
Lab File: VN068188.D
Acq: 18 Aug 2021 13:06

Tgt Ion: 91 Resp: 11636
Ion Ratio Lower Upper
91 100
120 14.2 10.4 31.4

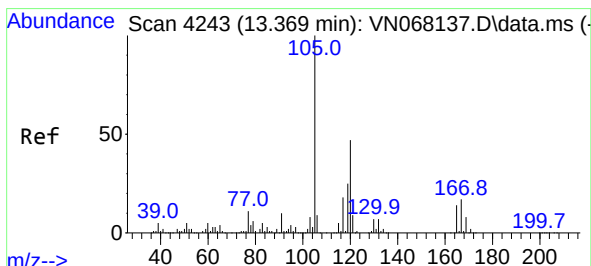
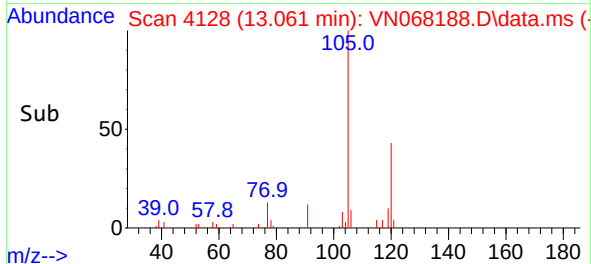
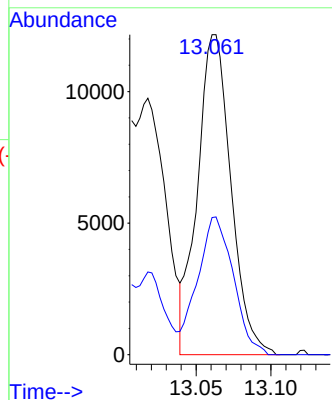
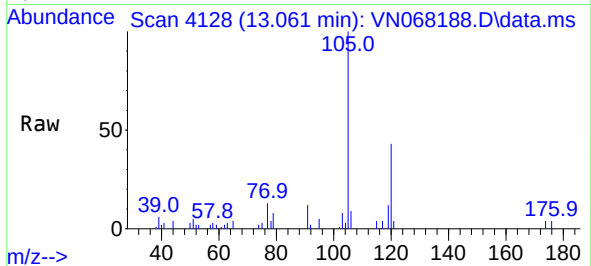




#80
1,3,5-Trimethylbenzene
Concen: 1.137 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN068188.D
Acq: 18 Aug 2021 13:06

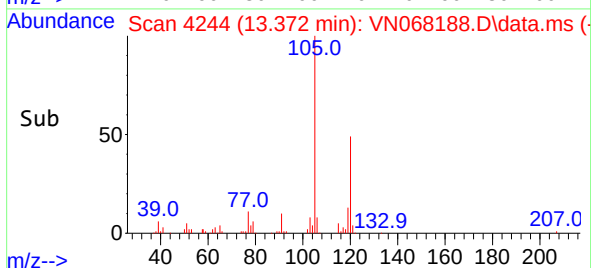
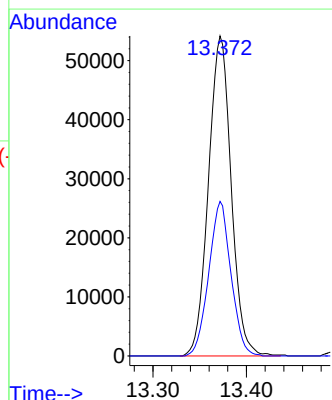
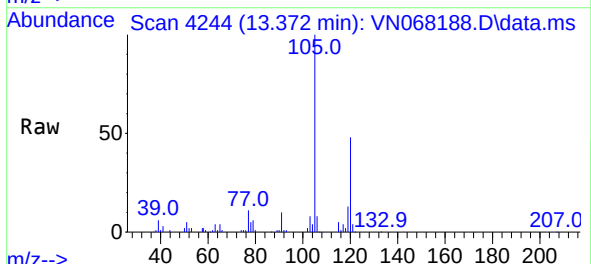
Instrument :
MSVOA_N
ClientSampled :
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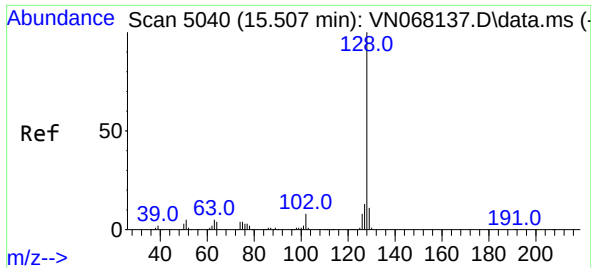
Tgt Ion:105 Resp: 19028
Ion Ratio Lower Upper
105 100
120 46.3 22.2 66.6



#84
1,2,4-Trimethylbenzene
Concen: 5.602 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN068188.D
Acq: 18 Aug 2021 13:06

Tgt Ion:105 Resp: 91507
Ion Ratio Lower Upper
105 100
120 47.1 20.6 61.8





#95
Naphthalene
Concen: 7.099 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068188.D
Acq: 18 Aug 2021 13:06

Instrument :
MSVOA_N
ClientSampleId :
41909DL

Tgt Ion:	128	Resp:	45935
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	15.8
129	10.6	8.6	12.8

