

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102121\
 Data File : VN069121.D
 Acq On : 22 Oct 2021 5:52
 Operator : JC/MD
 Sample : M4284-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20877

Quant Time: Oct 22 07:22:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

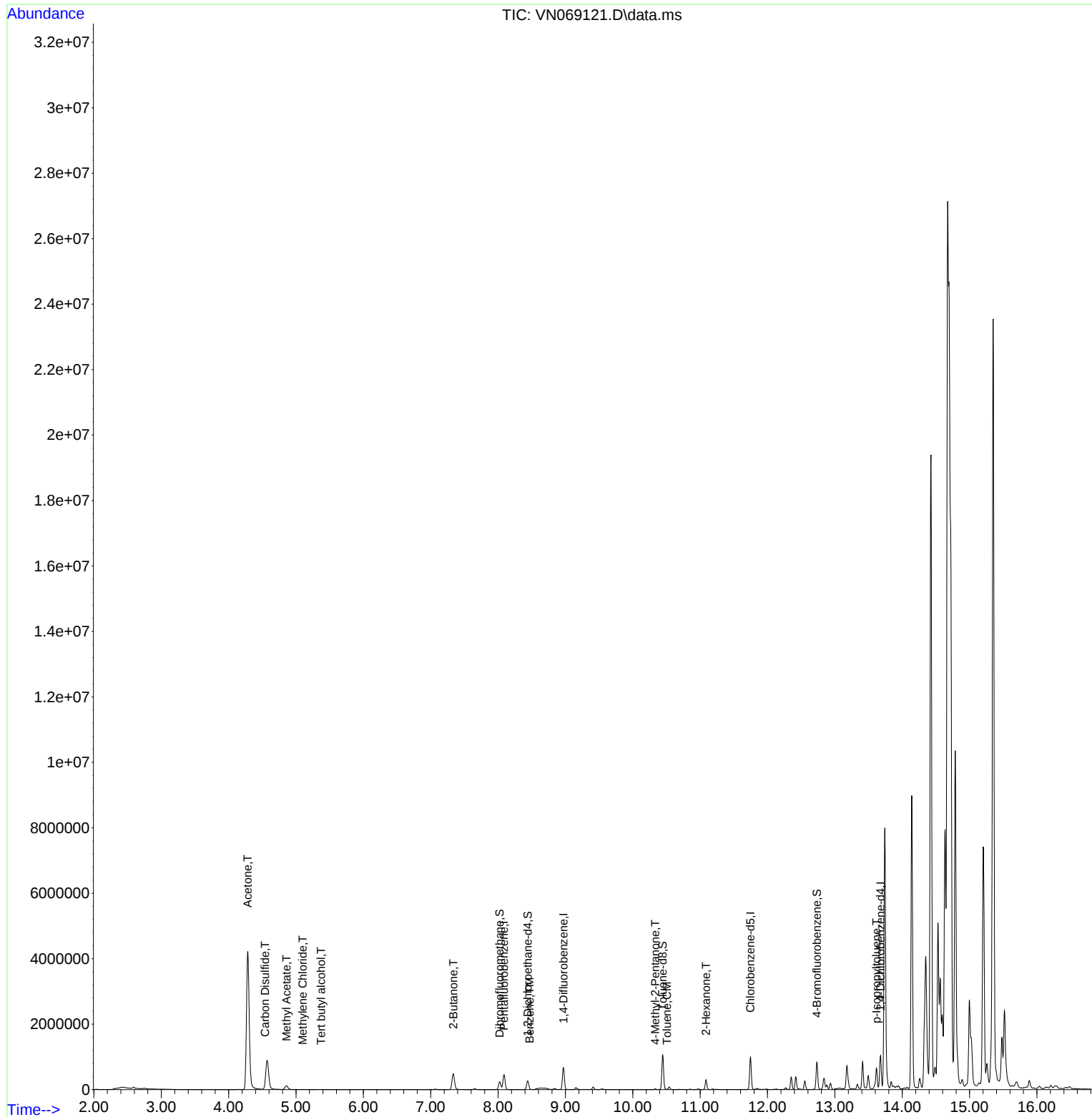
Internal Standards						
1) Pentafluorobenzene	8.088	168	343838	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	601862	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	578496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	270466	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	220834	48.713	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	97.420%	
35) Dibromofluoromethane	8.024	113	175382	50.085	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	100.160%	
50) Toluene-d8	10.443	98	746880	53.307	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	106.620%	
62) 4-Bromofluorobenzene	12.734	95	289485	54.763	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	109.520%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.372	59	7691	9.285	ug/l #	77
16) Acetone	4.283	43	7790190	4604.752	ug/l	99
17) Carbon Disulfide	4.540	76	9324	1.034	ug/l	95
18) Methyl Acetate	4.857	43	231431	36.066	ug/l	97
20) Methylene Chloride	5.101	84	3273	0.841	ug/l	96
25) 2-Butanone	7.335	43	796455	311.329	ug/l	98
40) Benzene	8.466	78	4686	0.299	ug/l	94
51) 4-Methyl-2-Pentanone	10.333	43	16017	2.949	ug/l	98
52) Toluene	10.507	92	3640	0.361	ug/l	96
59) 2-Hexanone	11.087	43	194872	50.026	ug/l	100
86) p-Isopropyltoluene	13.619	119	375870	20.729	ug/l	98

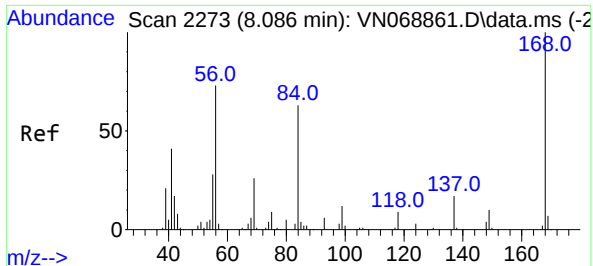
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102121\
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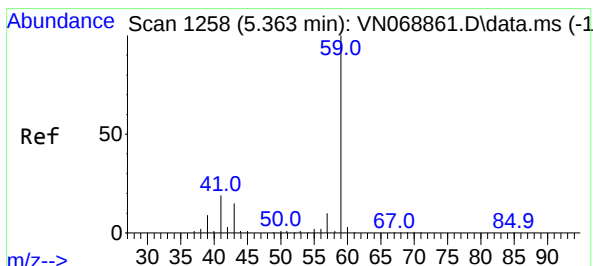
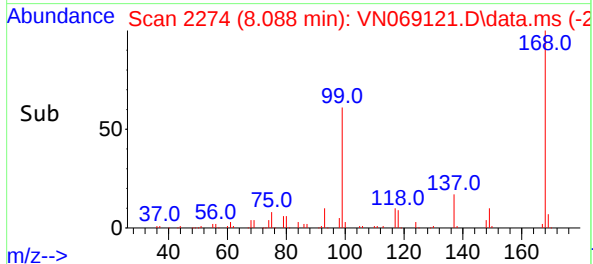
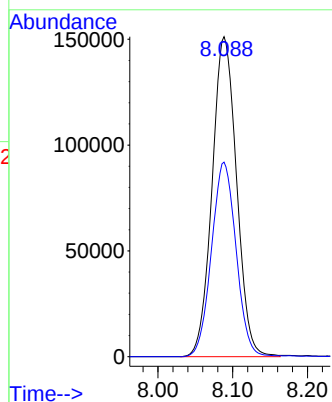
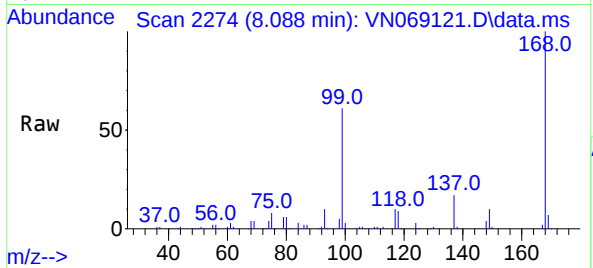




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069121.D
Acq: 22 Oct 2021 5:52

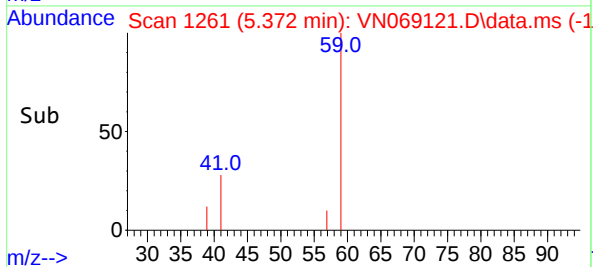
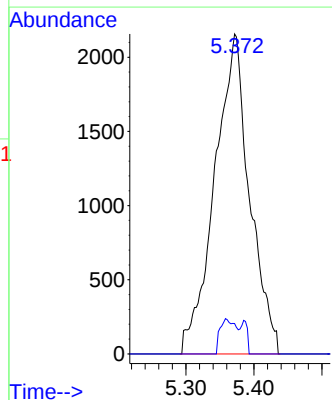
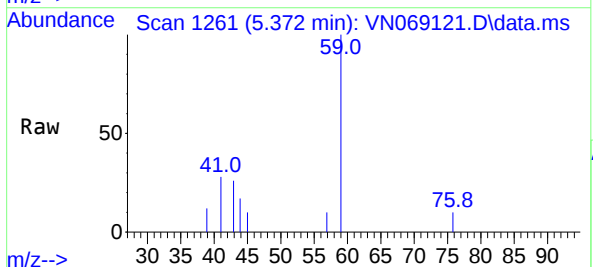
Instrument :
MSVOA_N
ClientSampleId :
20877

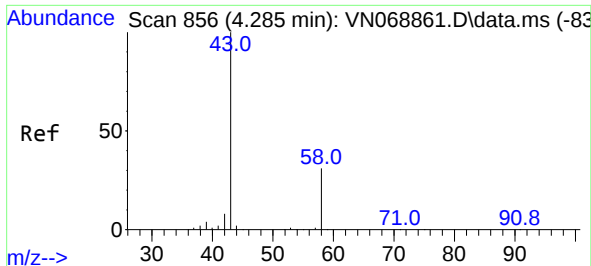
Tgt Ion:168 Resp: 343838
Ion Ratio Lower Upper
168 100
99 60.8 48.9 73.3



#11
Tert butyl alcohol
Concen: 9.285 ug/l
RT: 5.372 min Scan# 1261
Delta R.T. 0.008 min
Lab File: VN069121.D
Acq: 22 Oct 2021 5:52

Tgt Ion: 59 Resp: 7691
Ion Ratio Lower Upper
59 100
57 1.7 8.3 12.5#

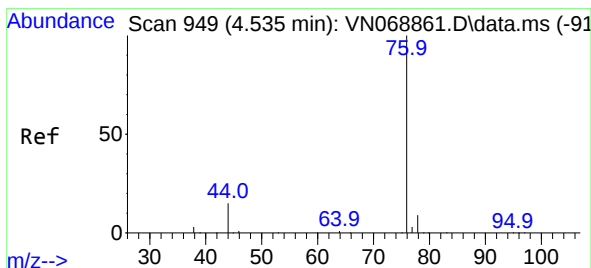
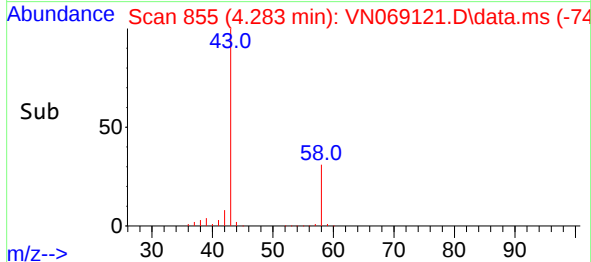
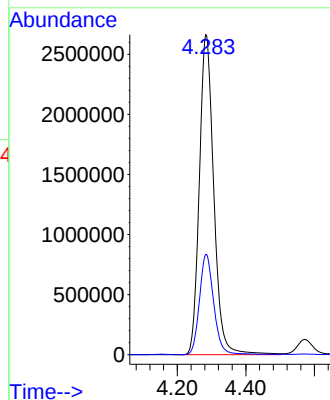
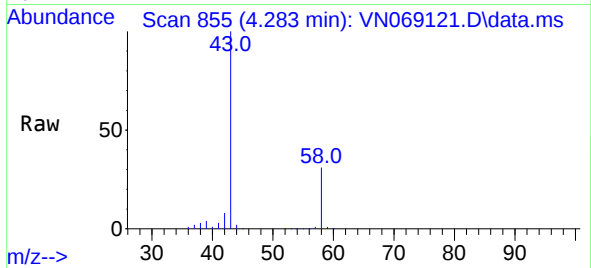




#16
Acetone
Concen: 4604.752 ug/l
RT: 4.283 min Scan# 855
Delta R.T. -0.003 min
Lab File: VN069121.D
Acq: 22 Oct 2021 5:52

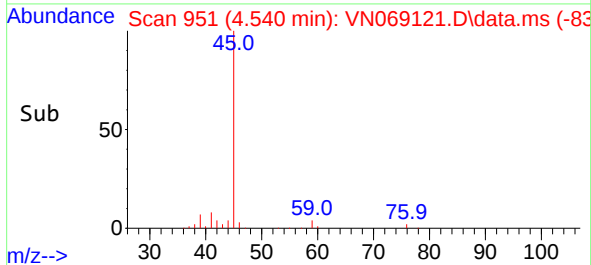
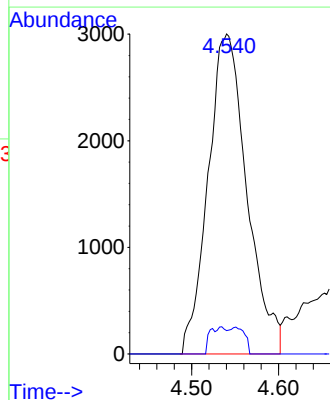
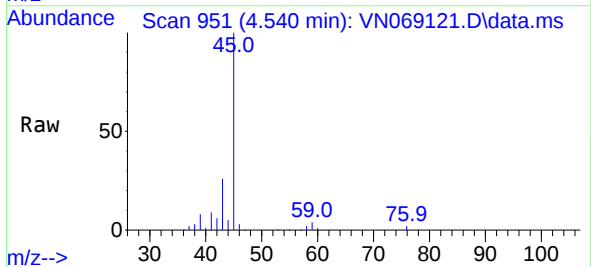
Instrument :
MSVOA_N
ClientSampleId :
20877

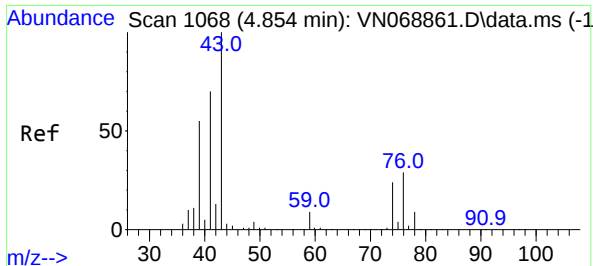
Tgt Ion: 43 Resp: 7790190
Ion Ratio Lower Upper
43 100
58 31.3 24.5 36.7



#17
Carbon Disulfide
Concen: 1.034 ug/l
RT: 4.540 min Scan# 951
Delta R.T. 0.005 min
Lab File: VN069121.D
Acq: 22 Oct 2021 5:52

Tgt Ion: 76 Resp: 9324
Ion Ratio Lower Upper
76 100
78 7.3 7.2 10.8





#18

Methyl Acetate

Concen: 36.066 ug/l

RT: 4.857 min Scan# 1069

Delta R.T. 0.003 min

Lab File: VN069121.D

Acq: 22 Oct 2021 5:52

Tgt Ion: 43 Resp: 231431

Ion Ratio Lower Upper

43 100

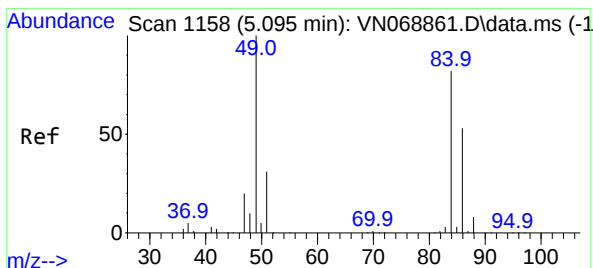
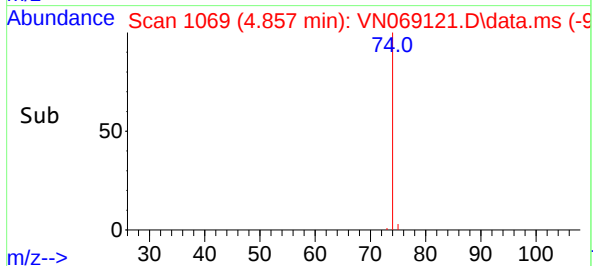
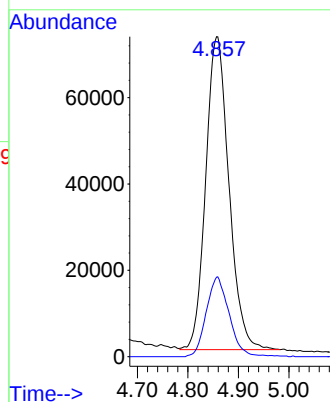
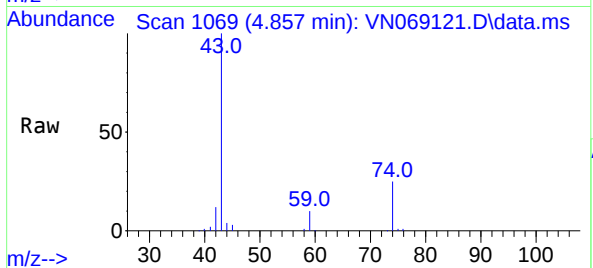
74 24.9 18.9 28.3

Instrument :

MSVOA_N

ClientSampleId :

20877



#20

Methylene Chloride

Concen: 0.841 ug/l

RT: 5.101 min Scan# 1160

Delta R.T. 0.005 min

Lab File: VN069121.D

Acq: 22 Oct 2021 5:52

Tgt Ion: 84 Resp: 3273

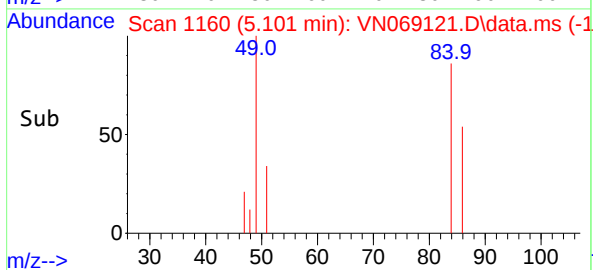
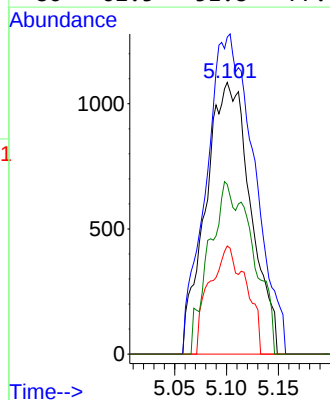
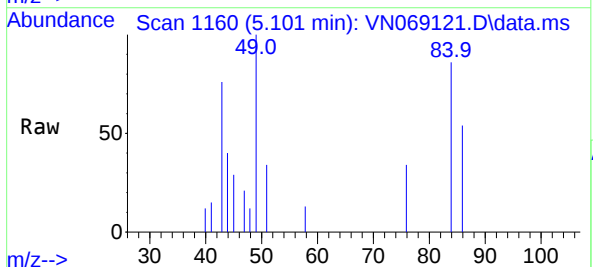
Ion Ratio Lower Upper

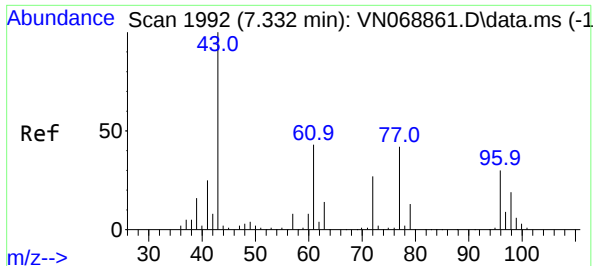
84 100

49 116.7 97.6 146.4

51 39.8 30.3 45.5

86 62.5 51.8 77.6

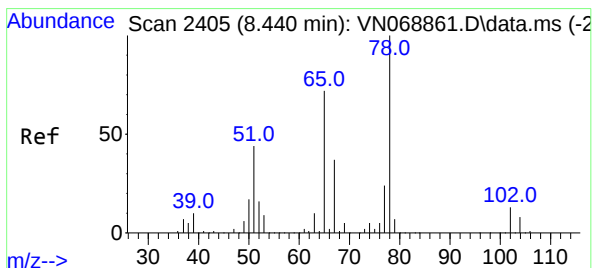
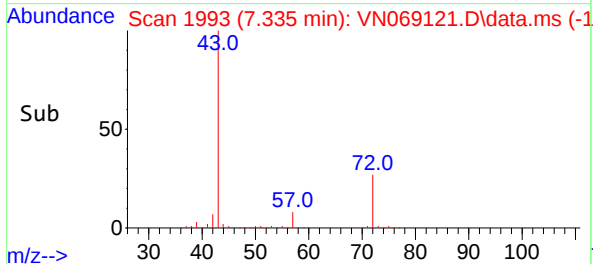
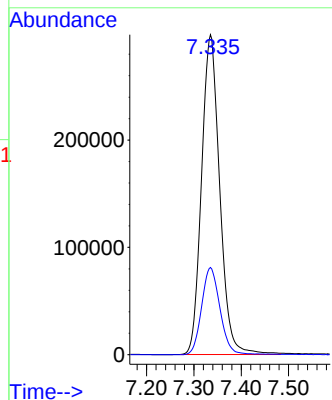
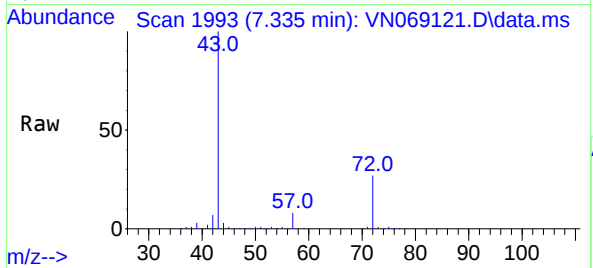




#25
2-Butanone
Concen: 311.329 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. 0.003 min
Lab File: VN069121.D
Acq: 22 Oct 2021 5:52

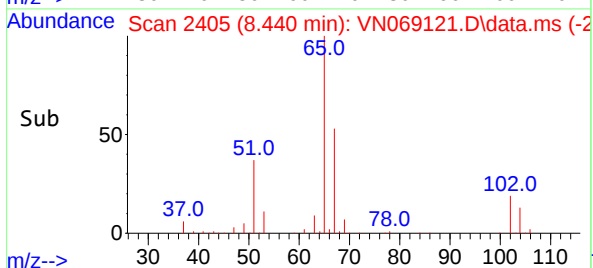
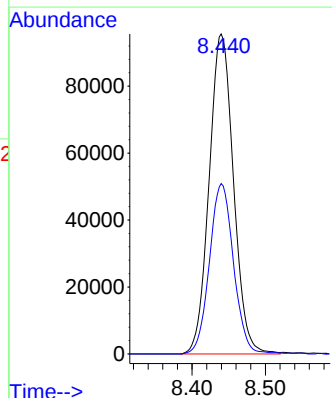
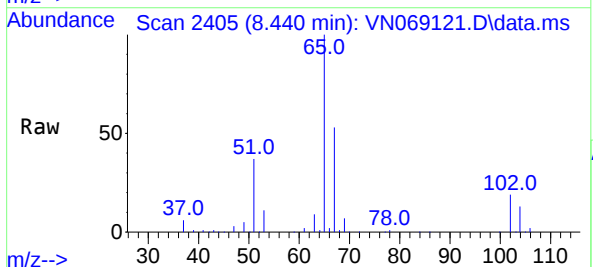
Instrument :
MSVOA_N
ClientSampled :
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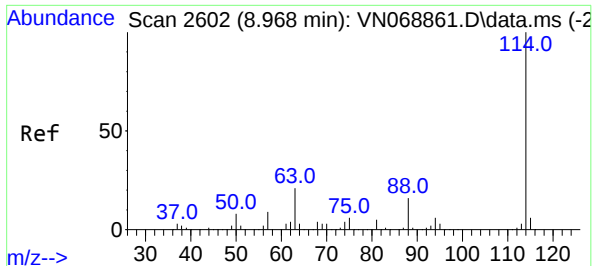
Tgt Ion: 43 Resp: 796455
Ion Ratio Lower Upper
43 100
72 27.3 21.2 31.8



#33
1,2-Dichloroethane-d4
Concen: 48.713 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069121.D
Acq: 22 Oct 2021 5:52

Tgt Ion: 65 Resp: 220834
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.8

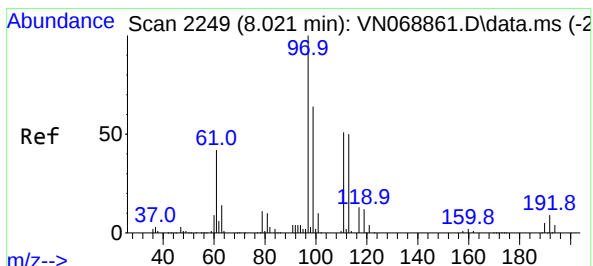
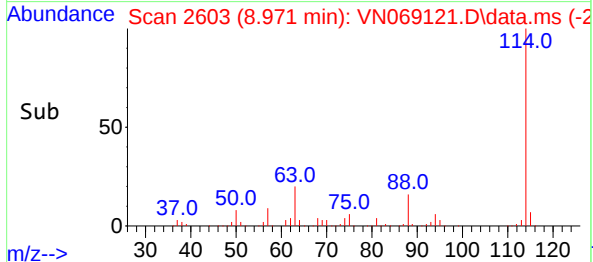
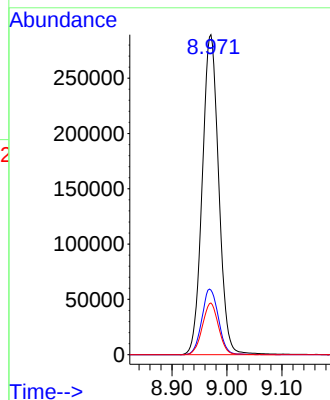
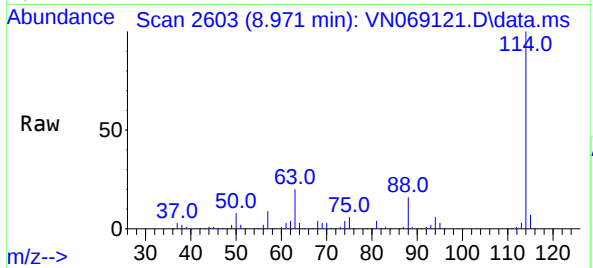




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069121.D
Acq: 22 Oct 2021 5:52

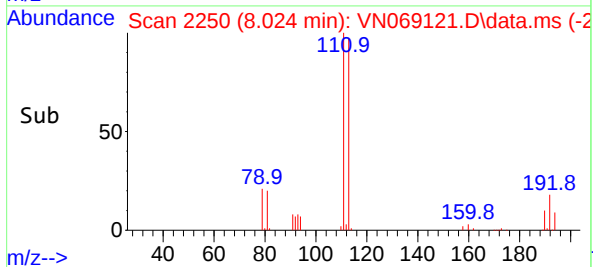
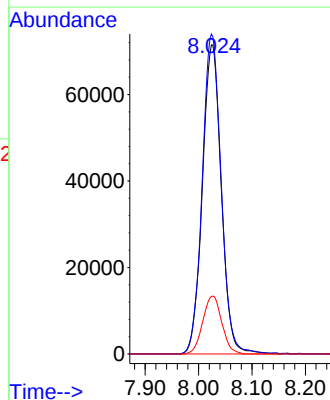
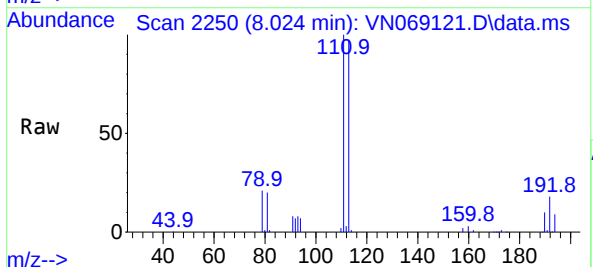
Instrument :
MSVOA_N
ClientSampled :
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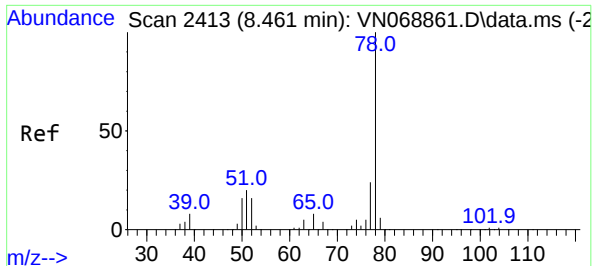
Tgt Ion:114 Resp: 601862
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.6
88 16.2 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.085 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069121.D
Acq: 22 Oct 2021 5:52

Tgt Ion:113 Resp: 175382
Ion Ratio Lower Upper
113 100
111 103.6 83.2 124.8
192 18.9 15.0 22.4

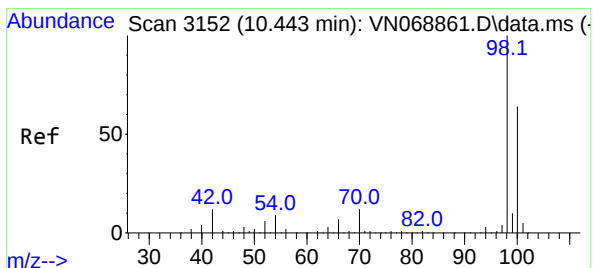
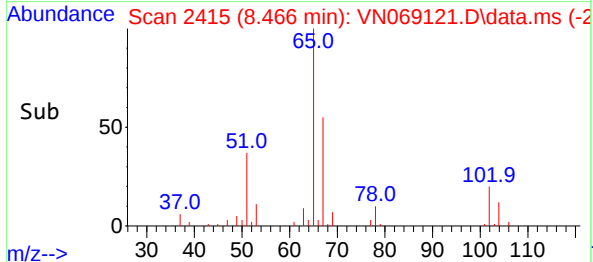
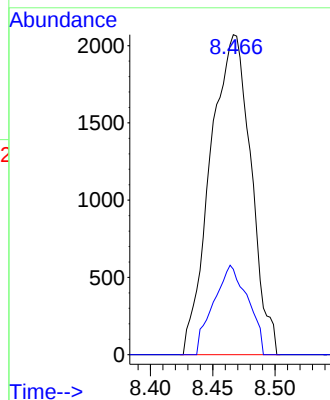
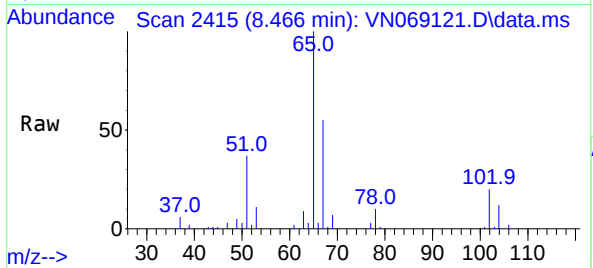




#40
Benzene
Concen: 0.299 ug/l
RT: 8.466 min Scan# 2415
Delta R.T. 0.005 min
Lab File: VN069121.D
Acq: 22 Oct 2021 5:52

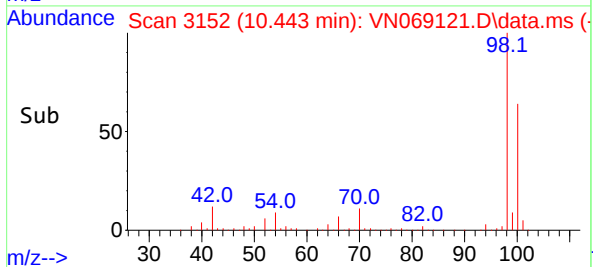
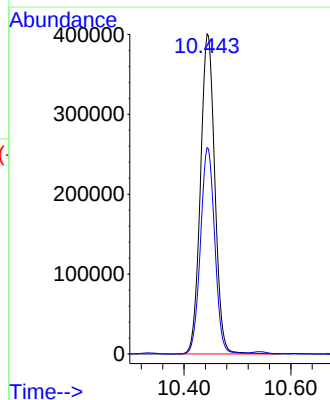
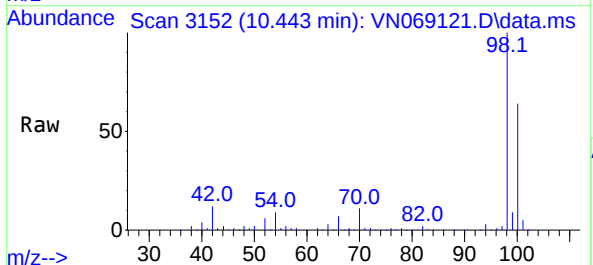
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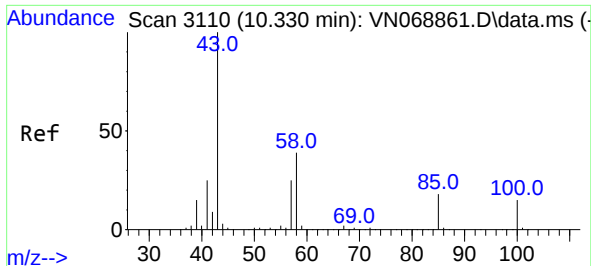
Tgt Ion: 78 Resp: 4686
Ion Ratio Lower Upper
78 100
77 26.7 19.1 28.7



#50
Toluene-d8
Concen: 53.307 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069121.D
Acq: 22 Oct 2021 5:52

Tgt Ion: 98 Resp: 746880
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3

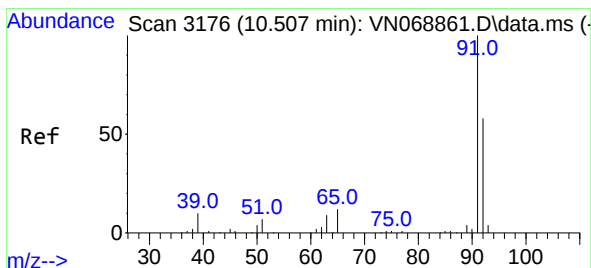
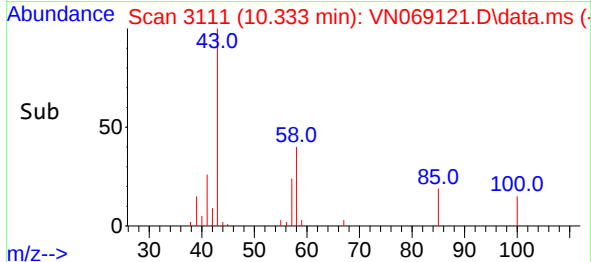
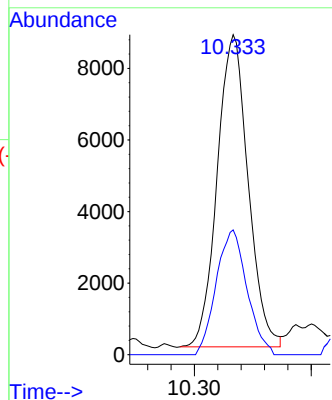
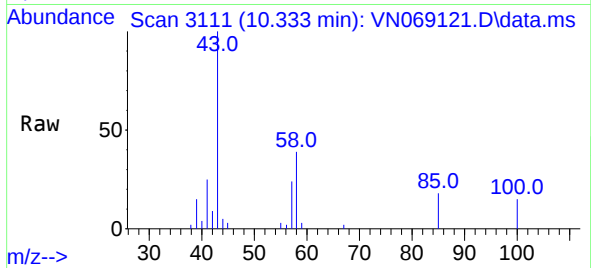




#51
4-Methyl-2-Pentanone
Concen: 2.949 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN069121.D
Acq: 22 Oct 2021 5:52

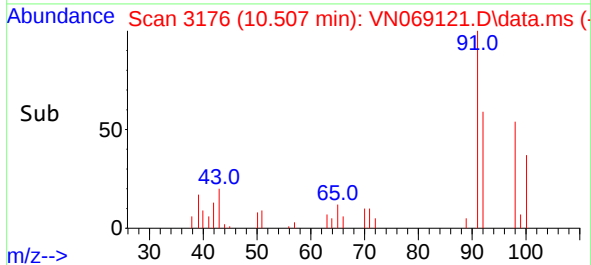
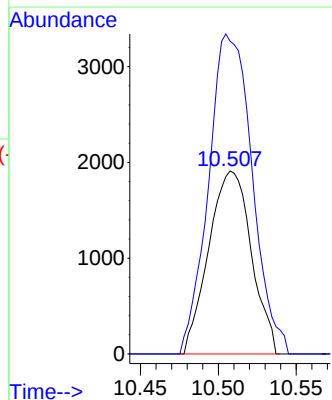
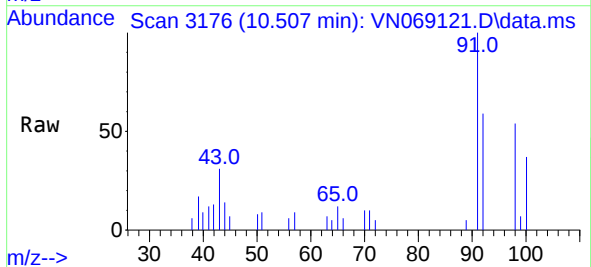
Instrument :
MSVOA_N
ClientSampled :
20877

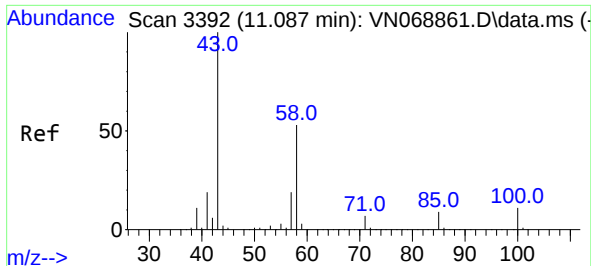
Tgt Ion: 43 Resp: 16017
Ion Ratio Lower Upper
43 100
58 39.7 31.0 46.4



#52
Toluene
Concen: 0.361 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN069121.D
Acq: 22 Oct 2021 5:52

Tgt Ion: 92 Resp: 3640
Ion Ratio Lower Upper
92 100
91 178.8 138.5 207.7

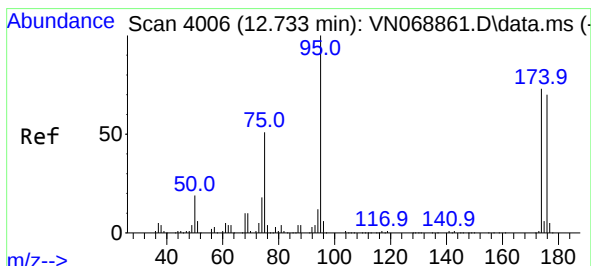
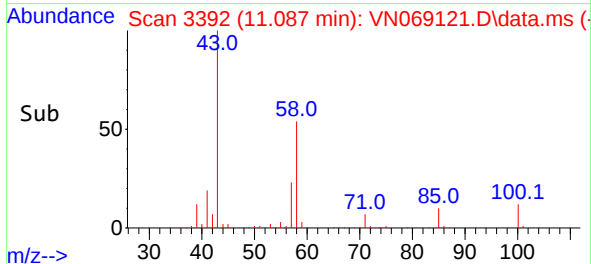
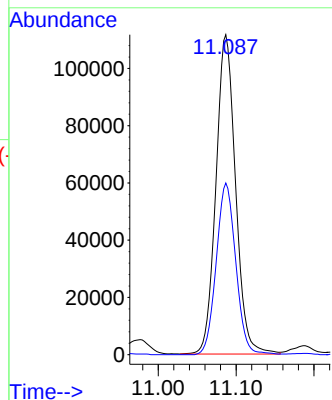
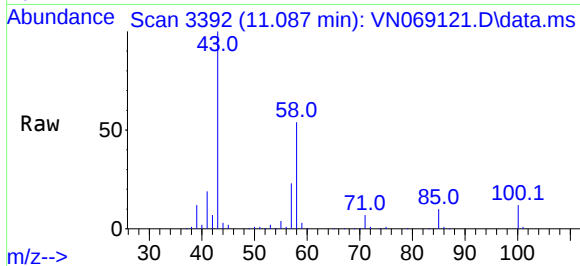




#59
2-Hexanone
Concen: 50.026 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN069121.D
Acq: 22 Oct 2021 5:52

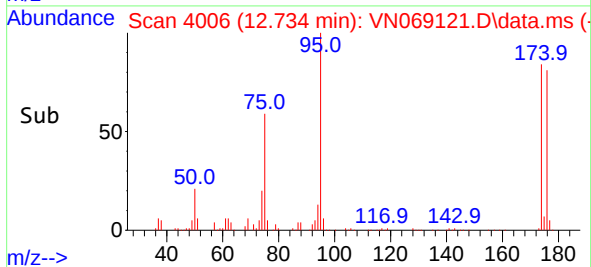
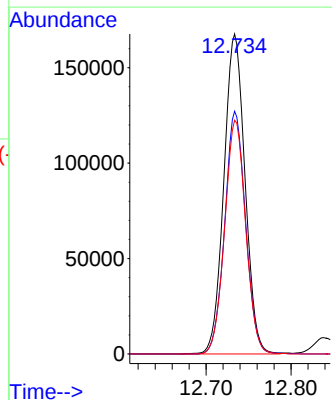
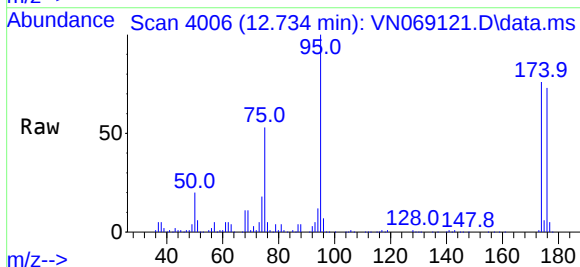
Instrument :
MSVOA_N
ClientSampleId :
20877

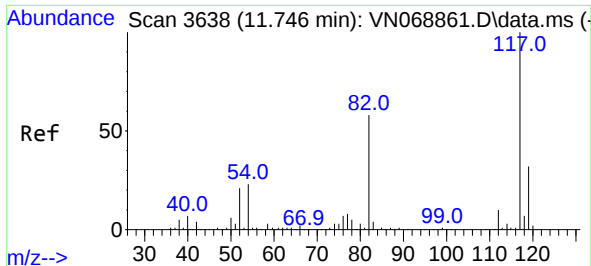
Tgt Ion: 43 Resp: 194872
Ion Ratio Lower Upper
43 100
58 53.5 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 54.763 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069121.D
Acq: 22 Oct 2021 5:52

Tgt Ion: 95 Resp: 289485
Ion Ratio Lower Upper
95 100
174 74.9 0.0 144.8
176 72.6 0.0 140.0

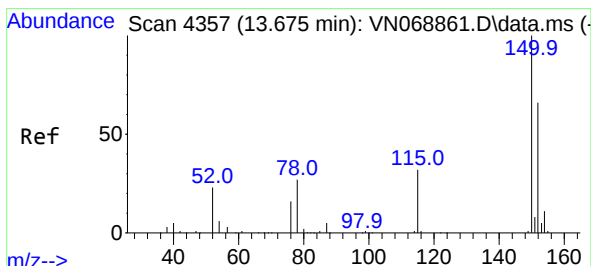
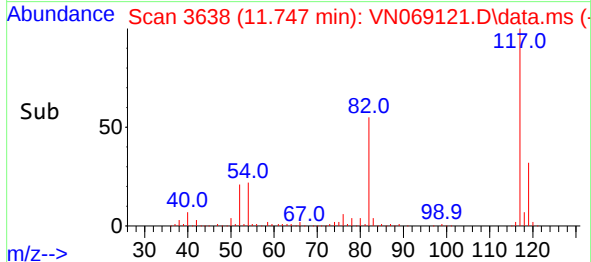
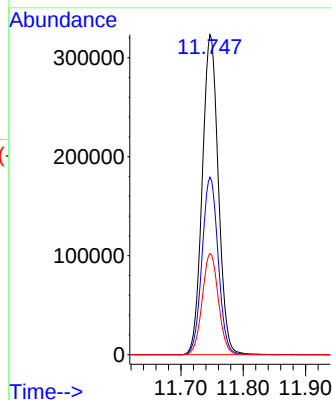
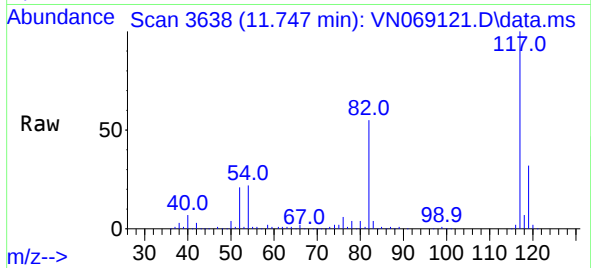




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069121.D
Acq: 22 Oct 2021 5:52

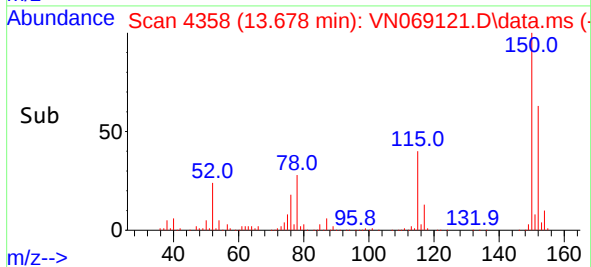
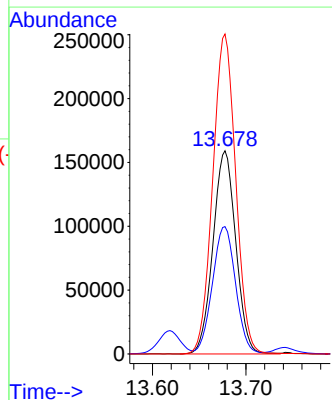
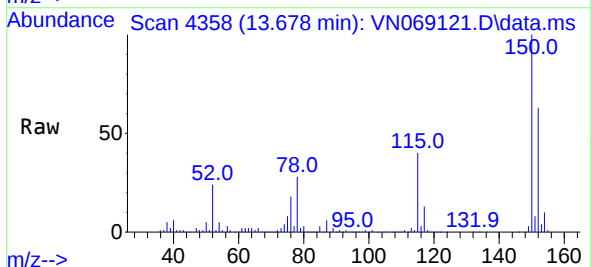
Instrument :
MSVOA_N
ClientSampleId :
20877

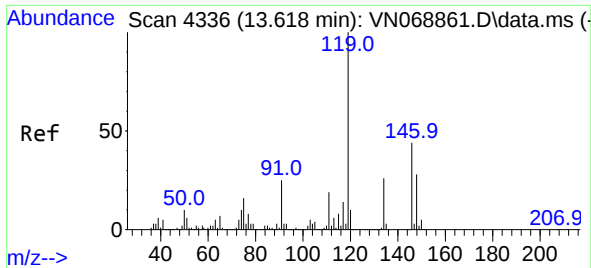
Tgt Ion:117 Resp: 578496
Ion Ratio Lower Upper
117 100
82 55.4 46.4 69.6
119 31.6 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069121.D
Acq: 22 Oct 2021 5:52

Tgt Ion:152 Resp: 270466
Ion Ratio Lower Upper
152 100
115 63.8 31.4 94.3
150 158.5 0.0 351.0





#86
 p-Isopropyltoluene
 Concen: 20.729 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. 0.000 min
 Lab File: VN069121.D
 Acq: 22 Oct 2021 5:52

Instrument :
 MSVOA_N
 ClientSampleId :
 20877

Tgt Ion:119 Resp: 375870
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.9 38.6
 91 27.7 12.8 38.4

