

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062121\
 Data File : VN067419.D
 Acq On : 21 Jun 2021 16:14
 Operator : JC/MD
 Sample : M2795-10
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B4GW

Quant Time: Jun 22 03:11:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 05:19:42 2021
 Response via : Initial Calibration

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

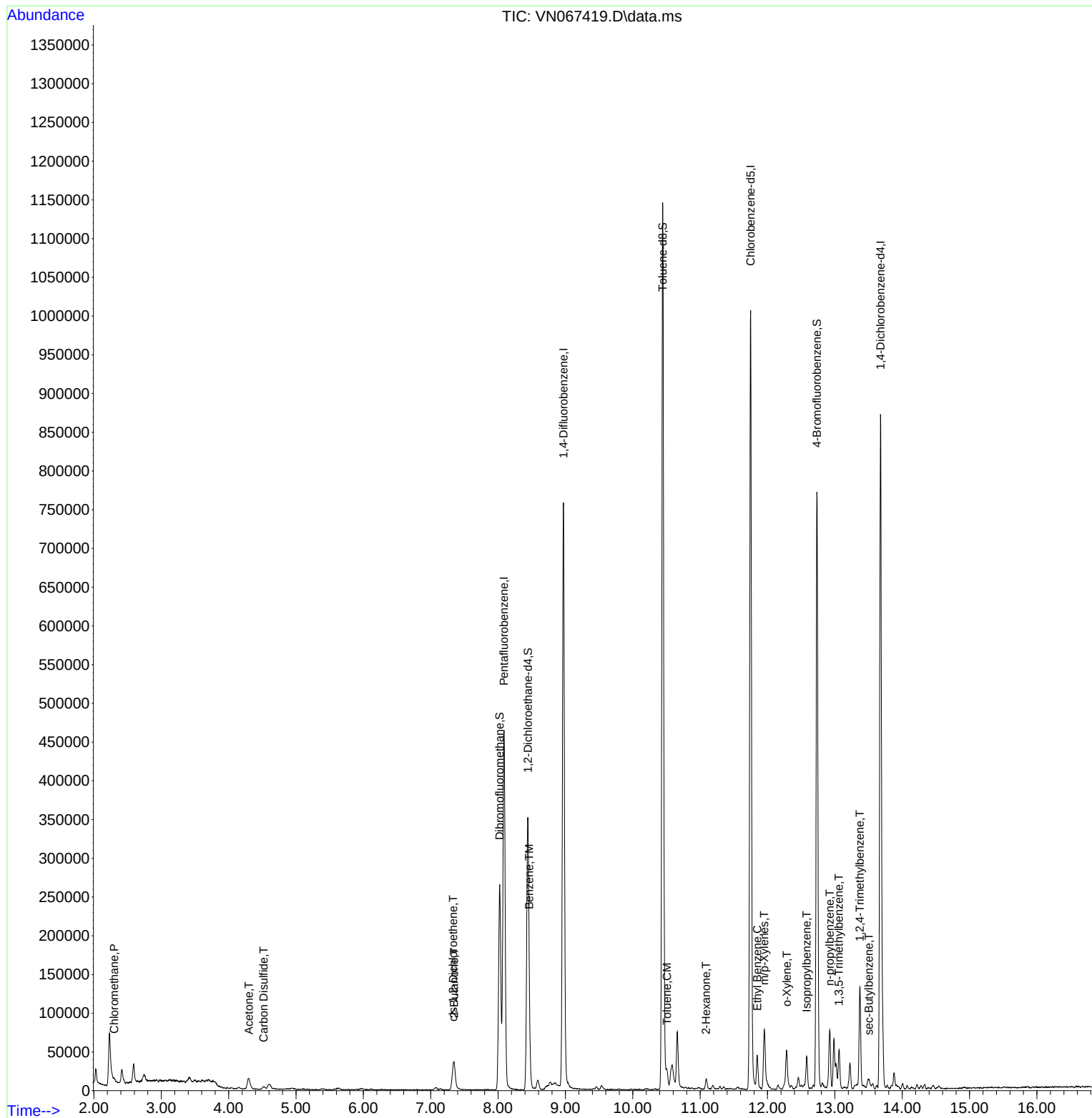
Internal Standards						
1) Pentafluorobenzene	8.088	168	292495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	603306	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	536301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	195909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	287330	49.796	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	99.600%	
35) Dibromofluoromethane	8.024	113	188071	46.872	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	93.740%	
50) Toluene-d8	10.443	98	781610	50.823	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	101.640%	
62) 4-Bromofluorobenzene	12.733	95	285664	45.009	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	90.020%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.300	50	3786	0.853	ug/l	96
16) Acetone	4.299	43	27284	12.322	ug/l	98
17) Carbon Disulfide	4.521	76	7637	0.674	ug/l	99
25) 2-Butanone	7.348	43	48578	15.353	ug/l	99
27) cis-1,2-Dichloroethene	7.332	96	7476	1.634	ug/l	95
40) Benzene	8.461	78	44600	2.363	ug/l	97
52) Toluene	10.507	92	5470	0.461	ug/l	86
59) 2-Hexanone	11.087	43	9773	1.801	ug/l	95
67) Ethyl Benzene	11.848	91	29575	1.282	ug/l	92
68) m/p-Xylenes	11.953	106	22828	2.783	ug/l	96
69) o-Xylene	12.285	106	10886	1.357	ug/l	91
73) Isopropylbenzene	12.580	105	26803	1.426	ug/l	99
78) n-propylbenzene	12.924	91	63281	2.830	ug/l	98
80) 1,3,5-Trimethylbenzene	13.061	105	24044	1.518	ug/l	100
84) 1,2,4-Trimethylbenzene	13.372	105	73776	4.716	ug/l	98
85) sec-Butylbenzene	13.506	105	7260	0.407	ug/l #	68

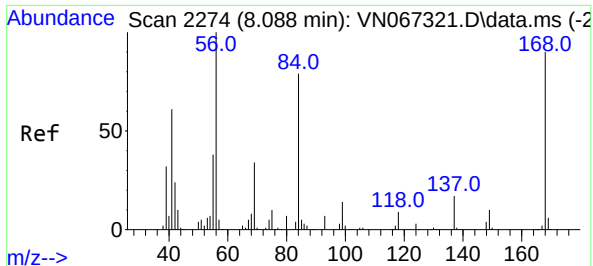
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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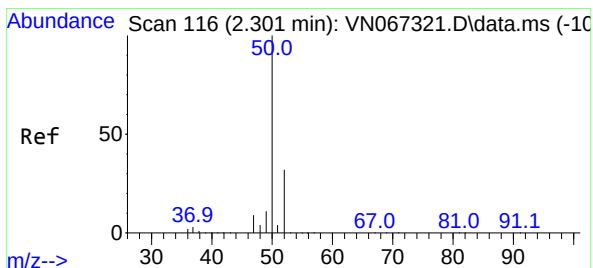
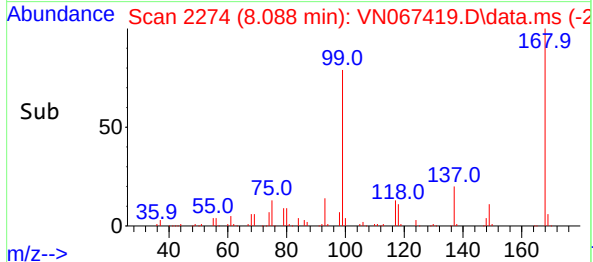
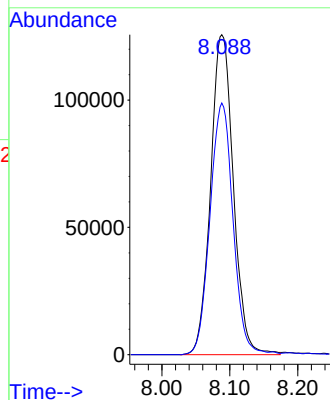
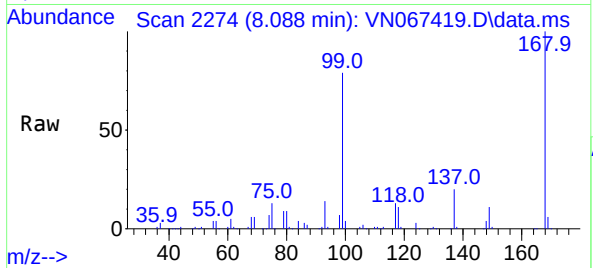




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

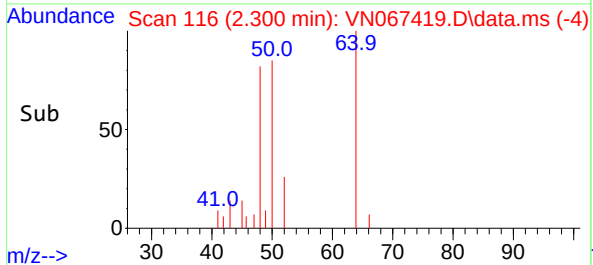
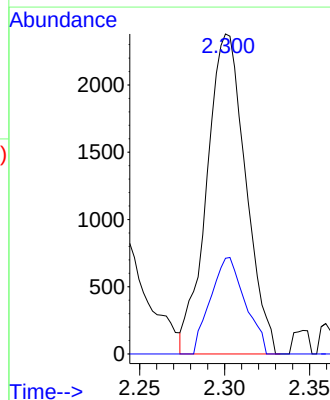
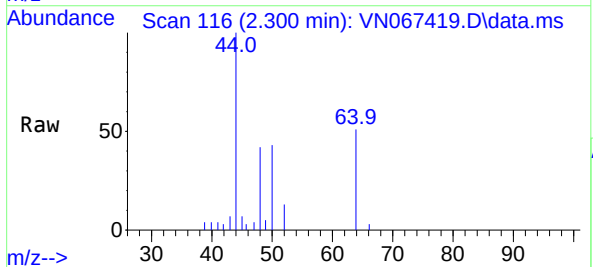
Instrument :
MSVOA_N
ClientSampled :
B4GW

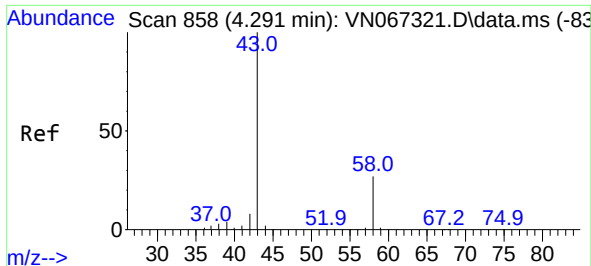
Tgt Ion:168 Resp: 292495
Ion Ratio Lower Upper
168 100
99 78.7 62.9 94.3



#3
Chloromethane
Concen: 0.853 ug/l
RT: 2.300 min Scan# 116
Delta R.T. -0.001 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

Tgt Ion: 50 Resp: 3786
Ion Ratio Lower Upper
50 100
52 29.9 25.6 38.4

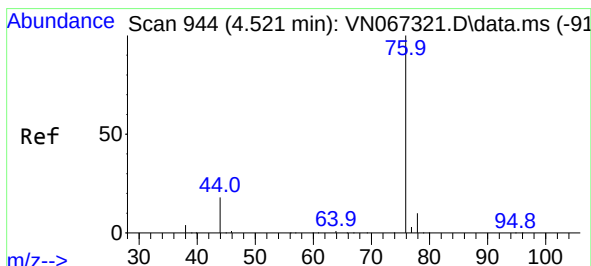
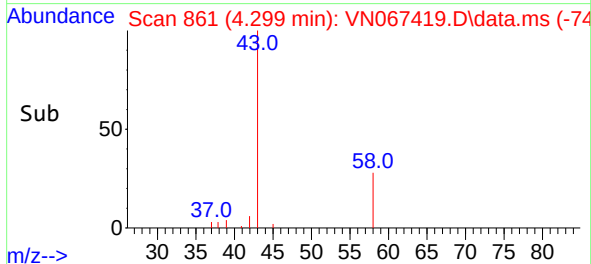
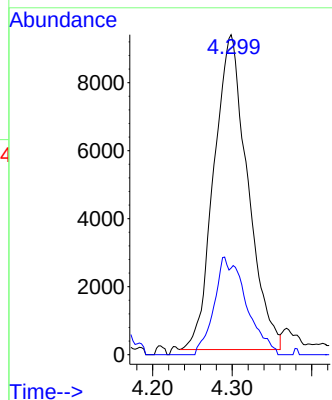
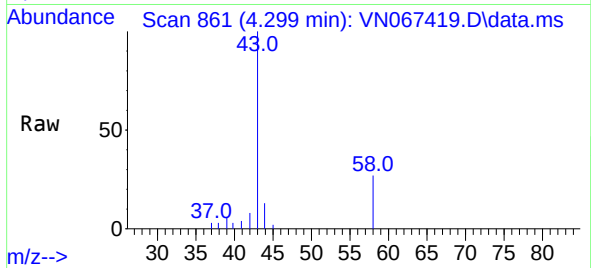




#16
Acetone
Concen: 12.322 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.008 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

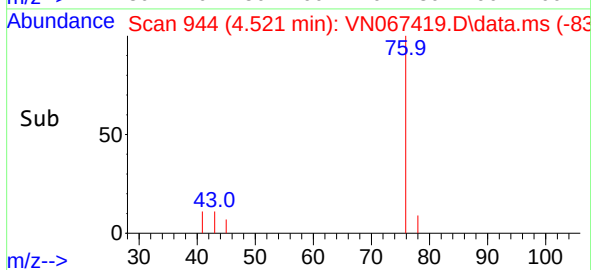
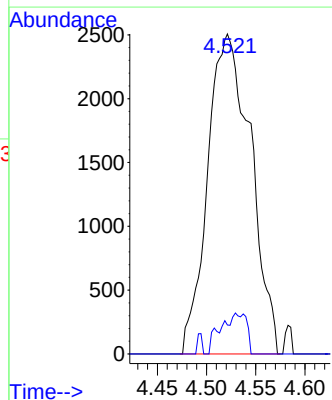
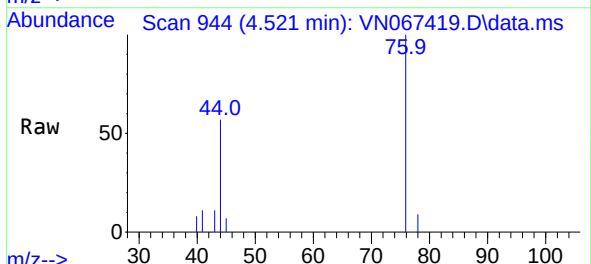
Instrument :
MSVOA_N
ClientSampleId :
B4GW

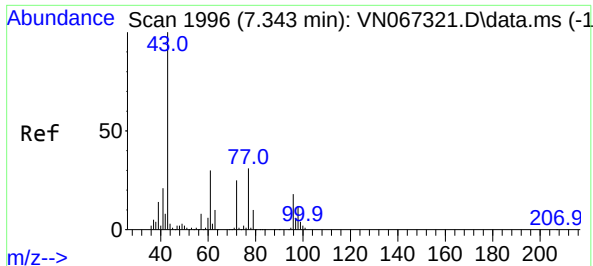
Tgt Ion: 43 Resp: 27284
Ion Ratio Lower Upper
43 100
58 27.5 21.2 31.8



#17
Carbon Disulfide
Concen: 0.674 ug/l
RT: 4.521 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

Tgt Ion: 76 Resp: 7637
Ion Ratio Lower Upper
76 100
78 9.1 7.7 11.5

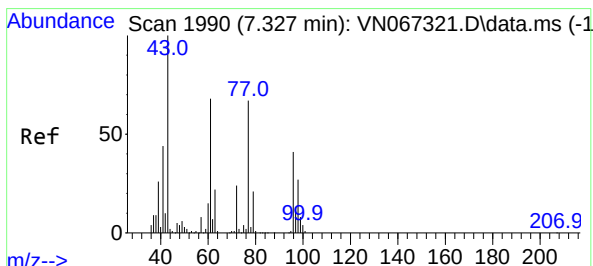
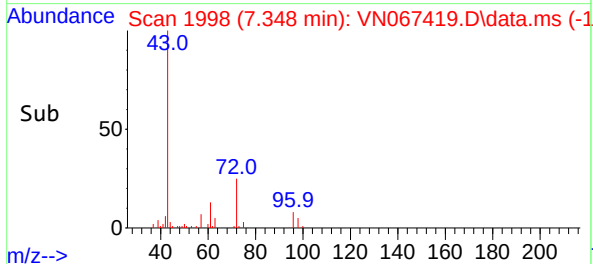
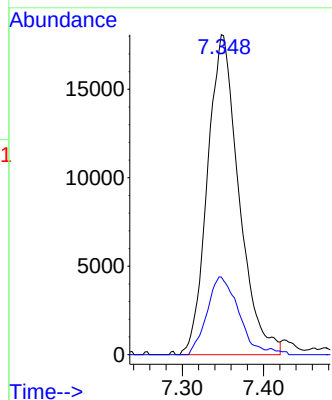
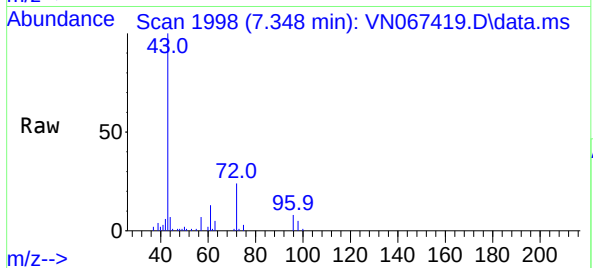




#25
2-Butanone
Concen: 15.353 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. 0.005 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

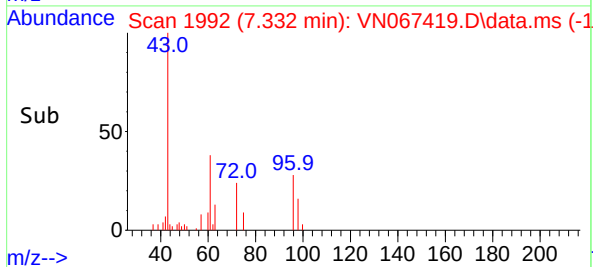
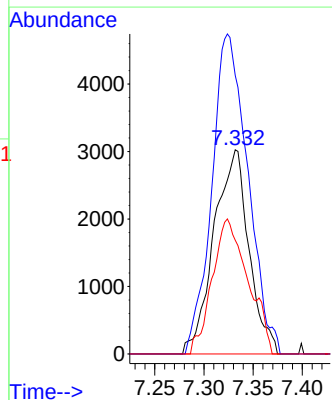
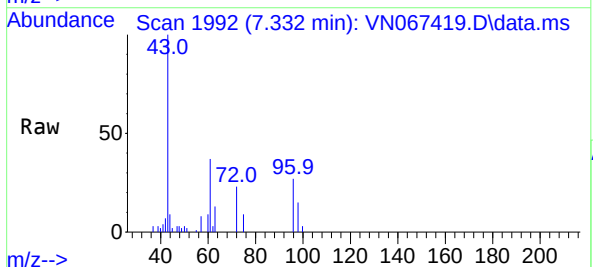
Instrument :
MSVOA_N
ClientSampled :
B4GW

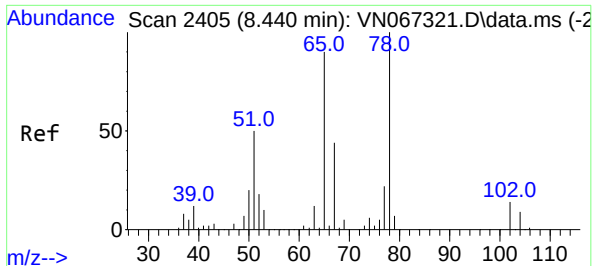
Tgt Ion: 43 Resp: 48578
Ion Ratio Lower Upper
43 100
72 24.2 19.7 29.5



#27
cis-1,2-Dichloroethene
Concen: 1.634 ug/l
RT: 7.332 min Scan# 1992
Delta R.T. 0.005 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

Tgt Ion: 96 Resp: 7476
Ion Ratio Lower Upper
96 100
61 161.7 0.0 338.8
98 67.8 0.0 129.8



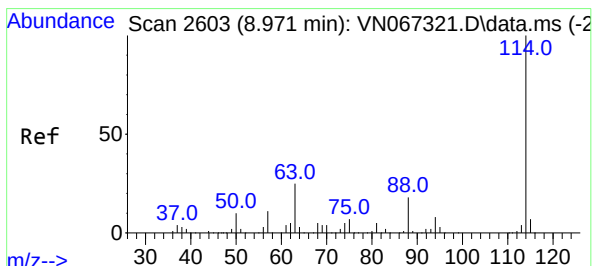
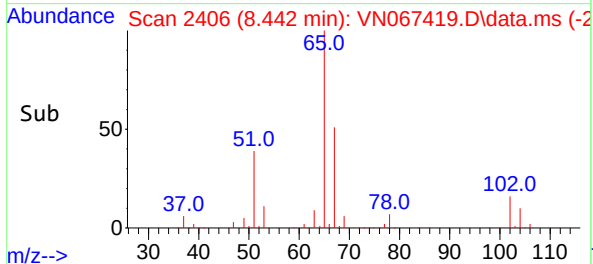
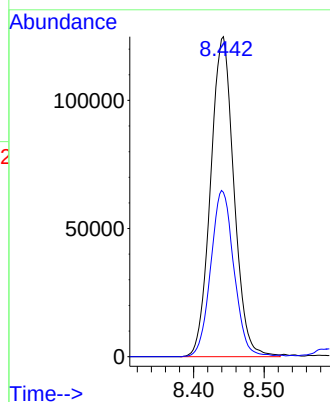
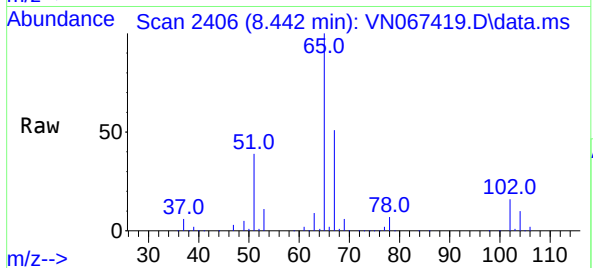


#33

1,2-Dichloroethane-d4
Concen: 49.796 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.002 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

Instrument :
MSVOA_N
ClientSampled :
B4GW

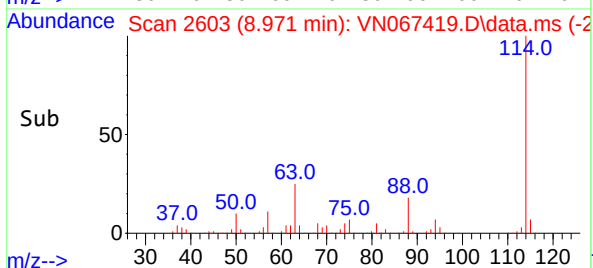
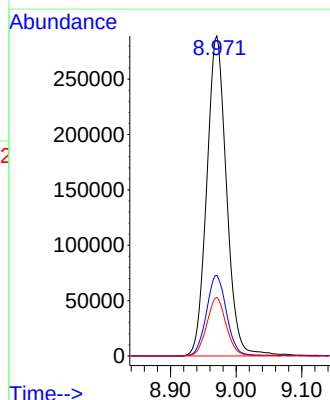
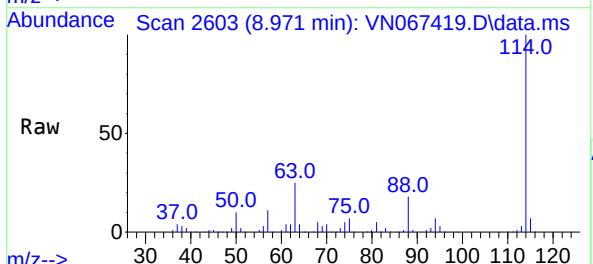
Tgt Ion: 65 Resp: 287330
Ion Ratio Lower Upper
65 100
67 51.6 0.0 98.6

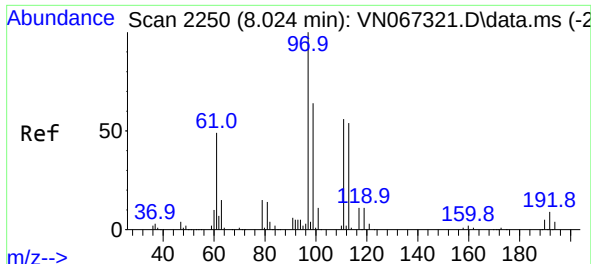


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

Tgt Ion: 114 Resp: 603306
Ion Ratio Lower Upper
114 100
63 25.1 0.0 49.0
88 18.3 0.0 36.6

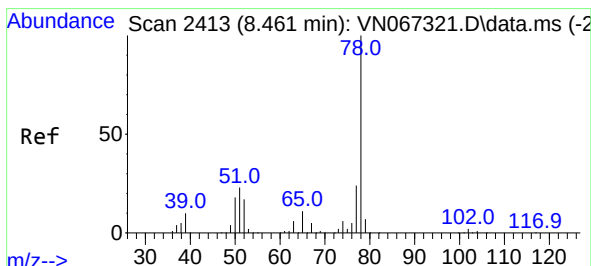
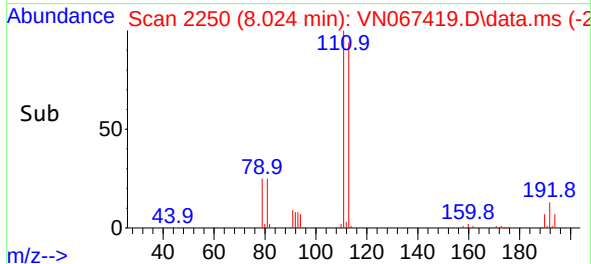
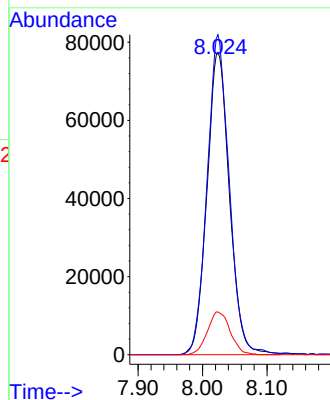
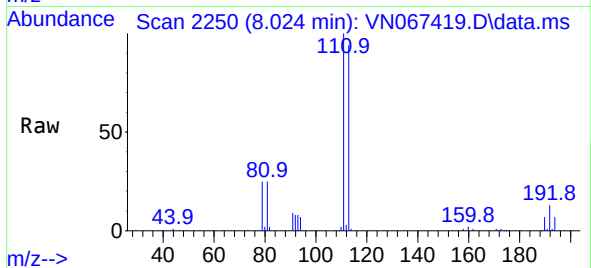




#35
Dibromofluoromethane
Concen: 46.872 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

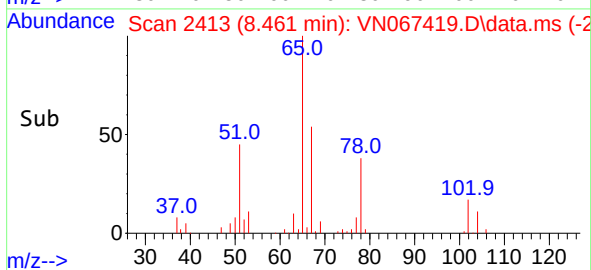
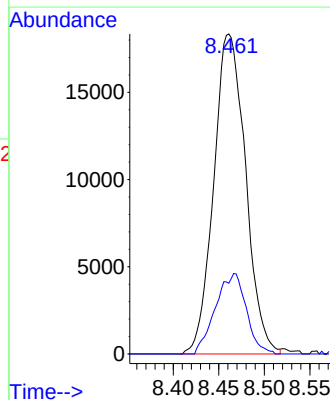
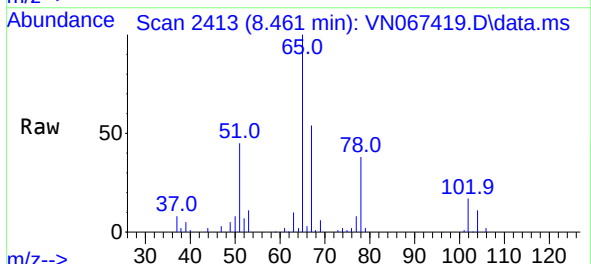
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ClientSampleId :
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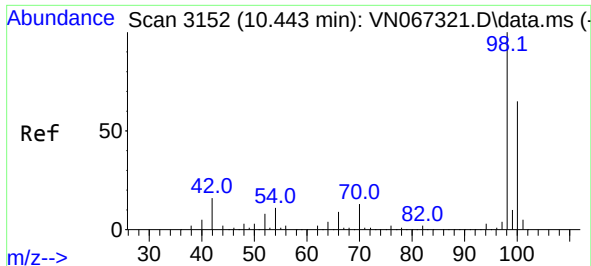
Tgt Ion:113 Resp: 188071
Ion Ratio Lower Upper
113 100
111 104.1 83.8 125.8
192 14.3 13.4 20.0



#40
Benzene
Concen: 2.363 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.000 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

Tgt Ion: 78 Resp: 44600
Ion Ratio Lower Upper
78 100
77 22.1 18.9 28.3

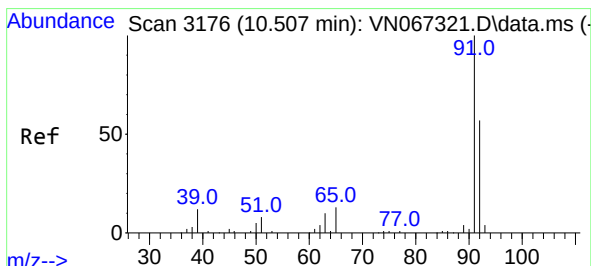
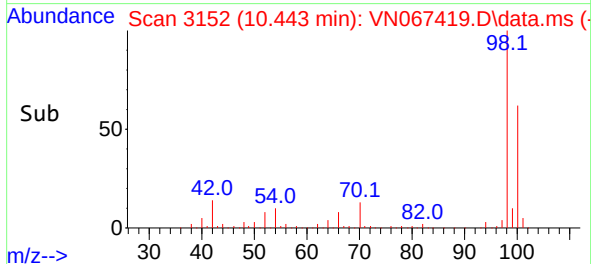
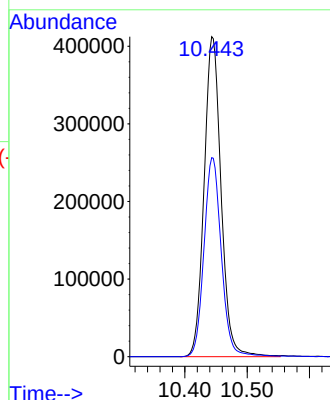
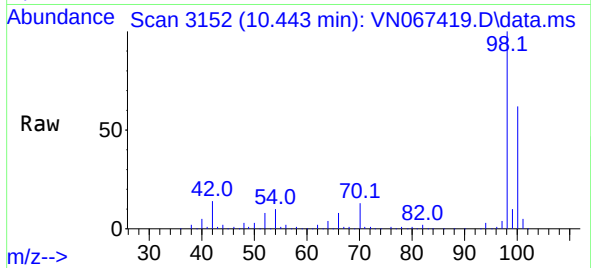




#50
Toluene-d8
Concen: 50.823 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

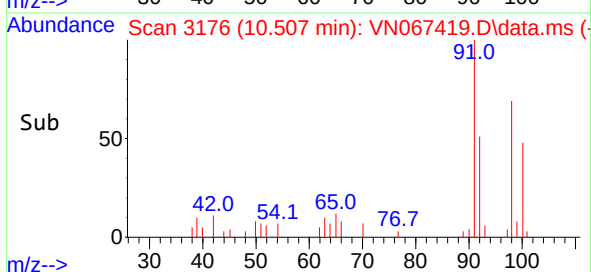
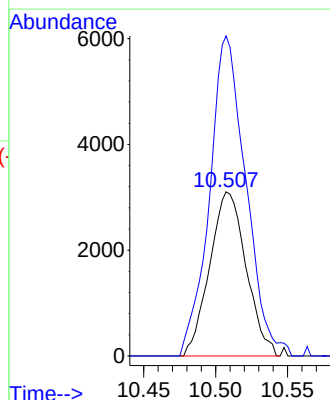
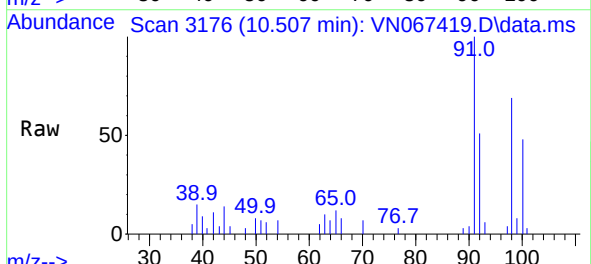
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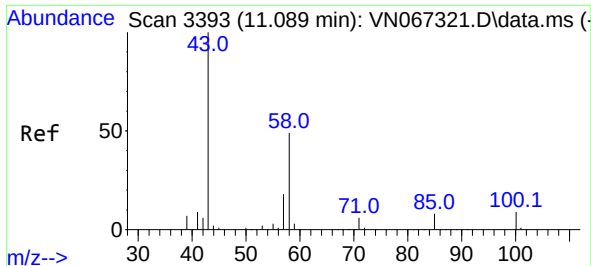
Tgt Ion: 98 Resp: 781610
Ion Ratio Lower Upper
98 100
100 63.3 51.7 77.5



#52
Toluene
Concen: 0.461 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

Tgt Ion: 92 Resp: 5470
Ion Ratio Lower Upper
92 100
91 194.2 139.6 209.4

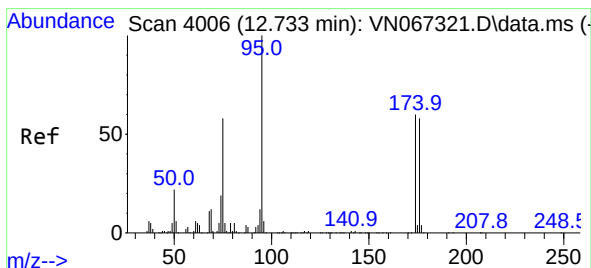
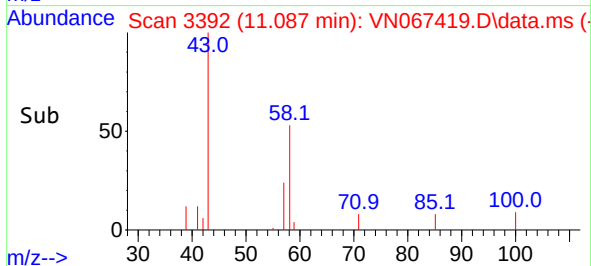
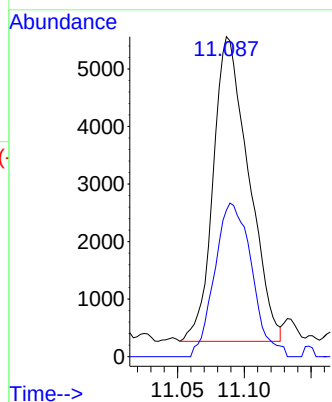
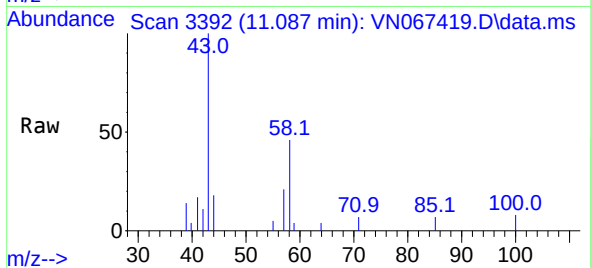




#59
2-Hexanone
Concen: 1.801 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.002 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

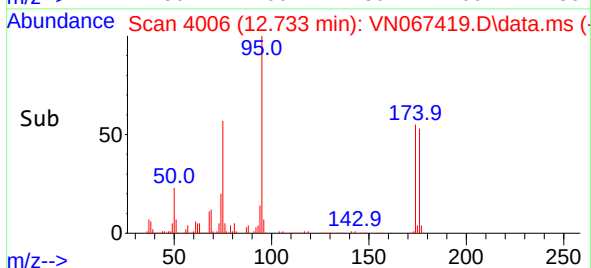
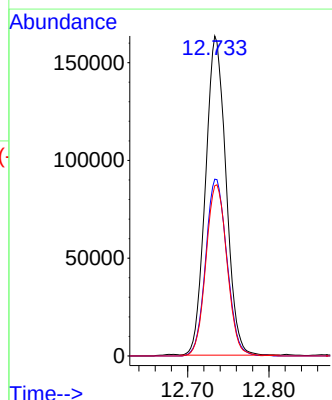
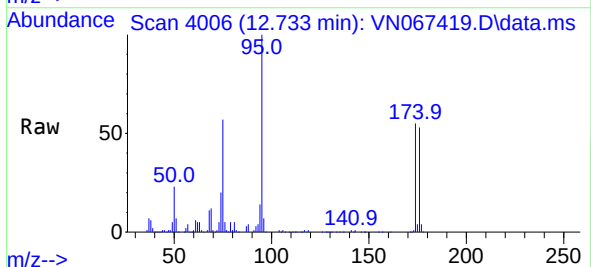
Instrument :
MSVOA_N
ClientSampleId :
B4GW

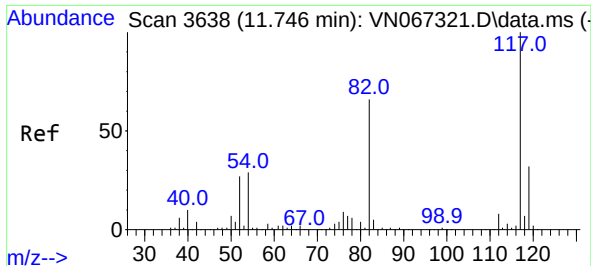
Tgt Ion: 43 Resp: 9773
Ion Ratio Lower Upper
43 100
58 52.6 24.7 74.1



#62
4-Bromofluorobenzene
Concen: 45.009 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

Tgt Ion: 95 Resp: 285664
Ion Ratio Lower Upper
95 100
174 57.5 0.0 122.0
176 55.3 0.0 117.6

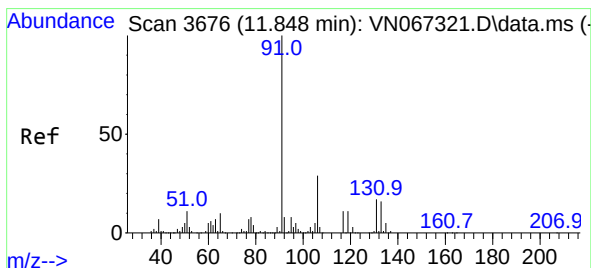
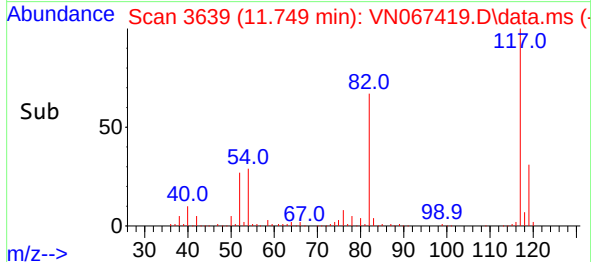
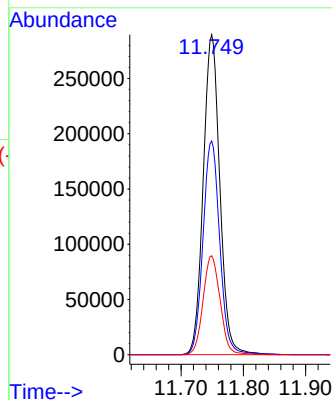
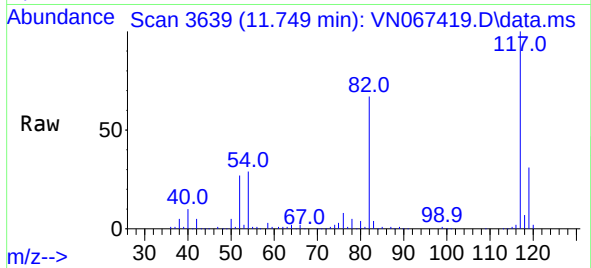




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

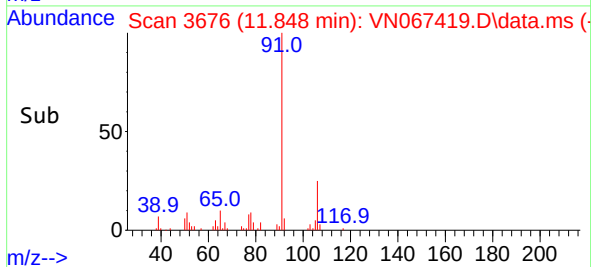
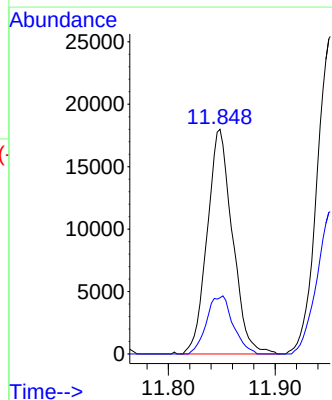
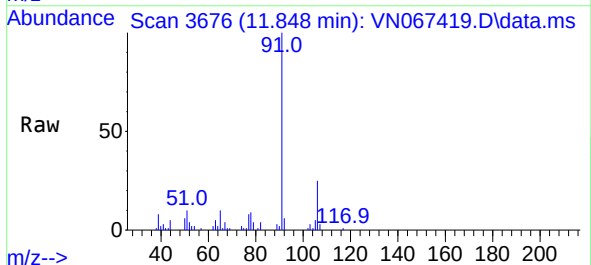
Instrument :
MSVOA_N
ClientSampleId :
B4GW

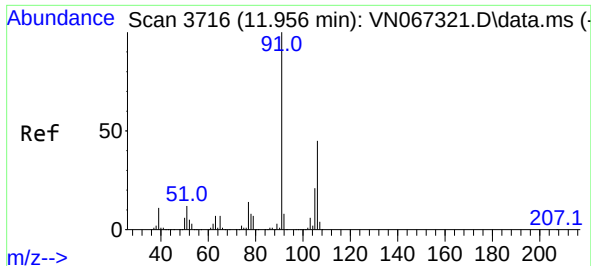
Tgt Ion:117 Resp: 536301
Ion Ratio Lower Upper
117 100
82 66.7 53.1 79.7
119 30.9 25.5 38.3



#67
Ethyl Benzene
Concen: 1.282 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.000 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

Tgt Ion: 91 Resp: 29575
Ion Ratio Lower Upper
91 100
106 25.0 23.4 35.0

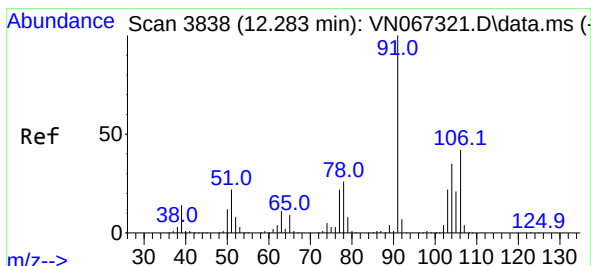
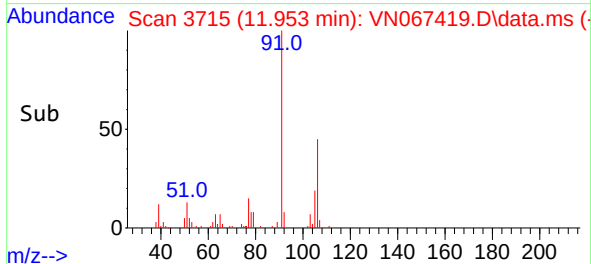
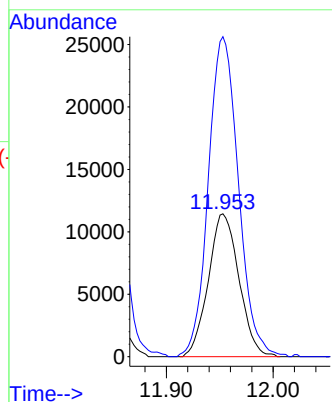
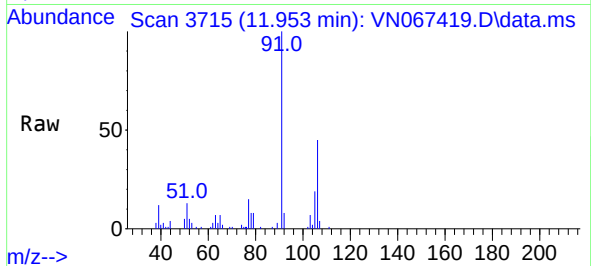




#68
m/p-Xylenes
Concen: 2.783 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

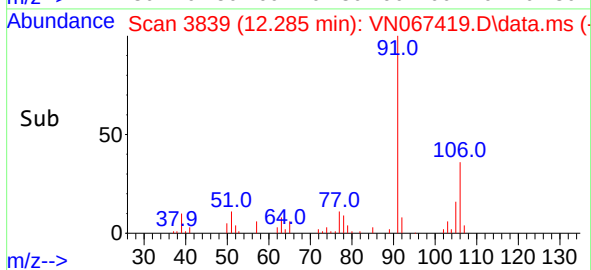
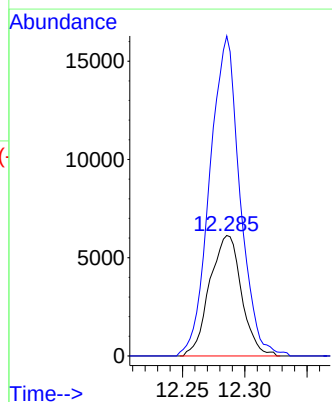
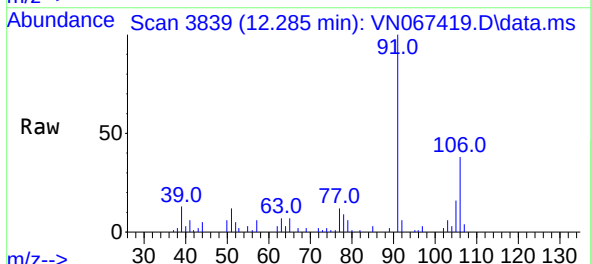
Instrument :
MSVOA_N
ClientSampled :
B4GW

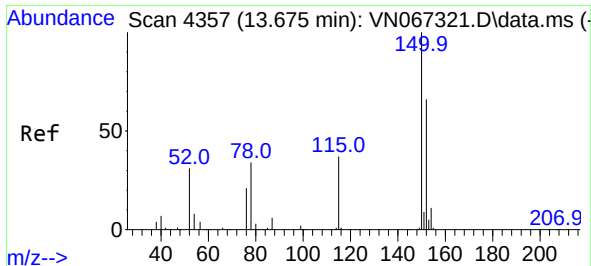
Tgt Ion:106 Resp: 22828
Ion Ratio Lower Upper
106 100
91 219.9 180.6 270.8



#69
o-Xylene
Concen: 1.357 ug/l
RT: 12.285 min Scan# 3839
Delta R.T. 0.002 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

Tgt Ion:106 Resp: 10886
Ion Ratio Lower Upper
106 100
91 252.4 118.3 354.9

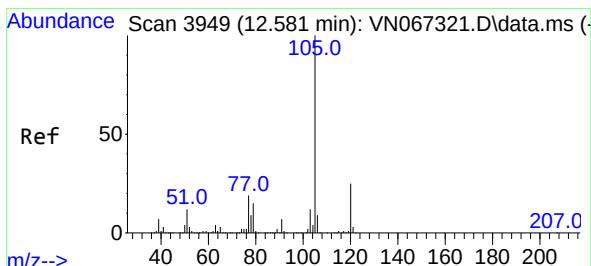
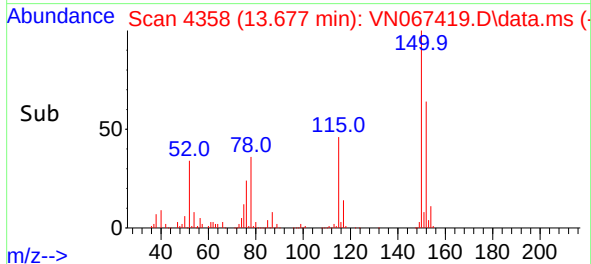
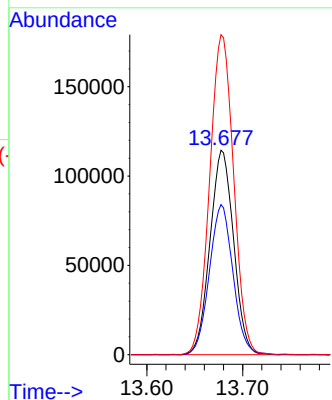
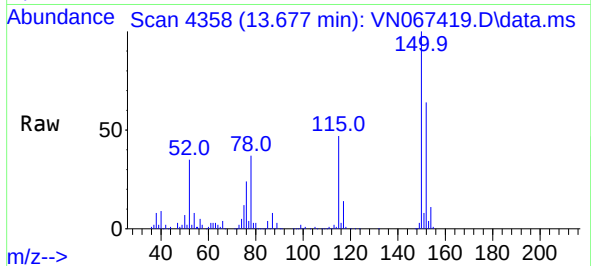




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

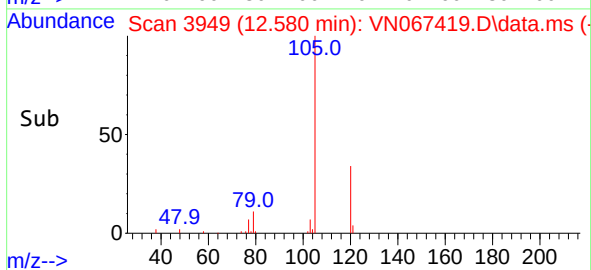
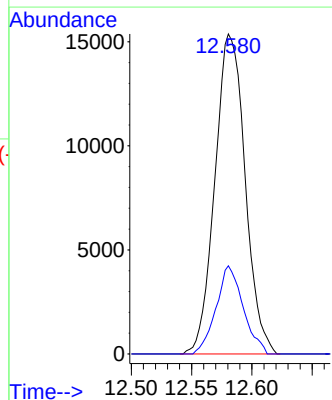
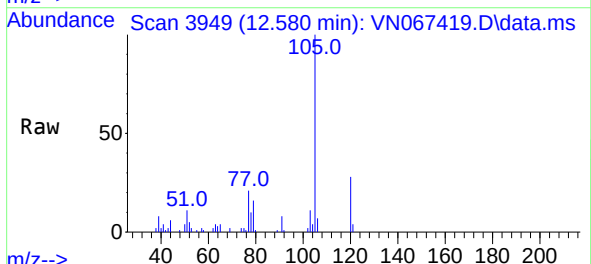
Instrument :
MSVOA_N
ClientSampleId :
B4GW

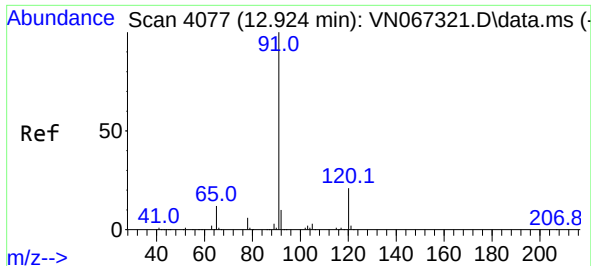
Tgt Ion:152 Resp: 195909
Ion Ratio Lower Upper
152 100
115 73.5 36.1 108.5
150 158.7 0.0 351.8



#73
Isopropylbenzene
Concen: 1.426 ug/l
RT: 12.580 min Scan# 3949
Delta R.T. -0.001 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

Tgt Ion:105 Resp: 26803
Ion Ratio Lower Upper
105 100
120 24.7 12.5 37.5

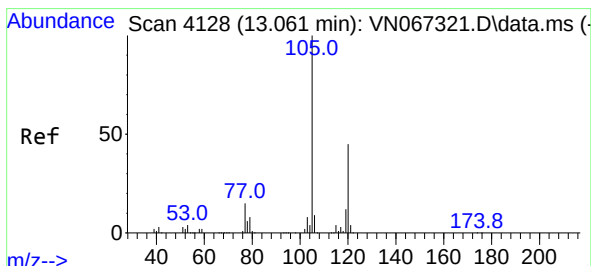
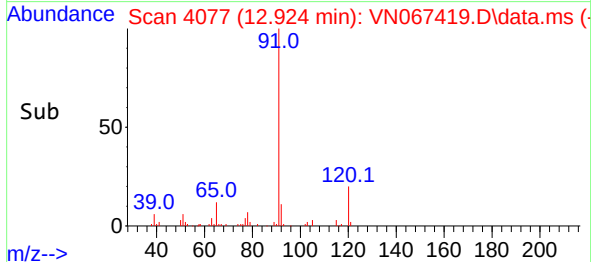
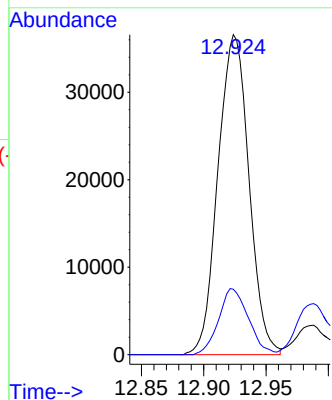
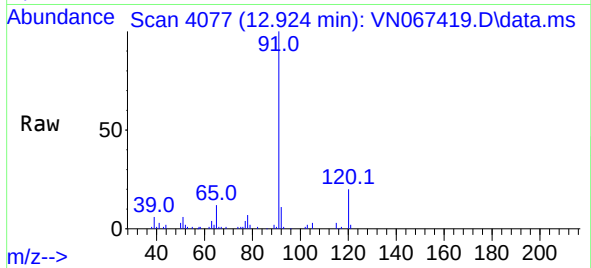




#78
n-propylbenzene
Concen: 2.830 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. -0.000 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

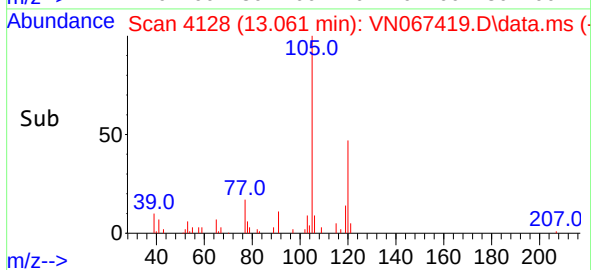
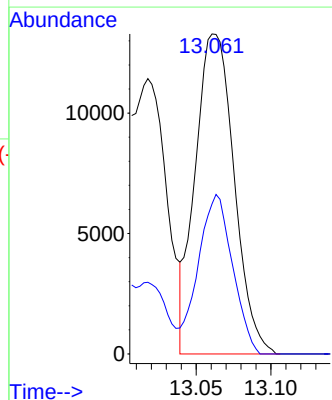
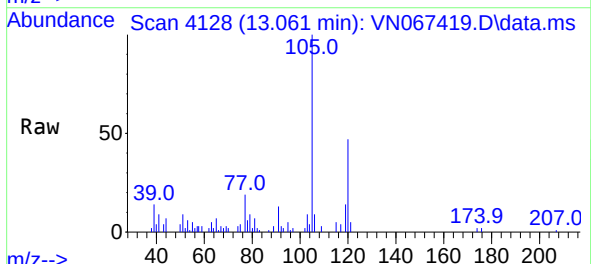
Instrument :
MSVOA_N
ClientSampled :
B4GW

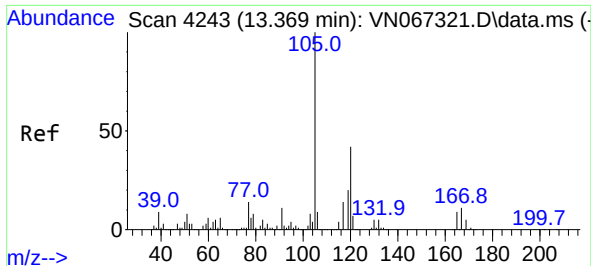
Tgt Ion: 91 Resp: 63281
Ion Ratio Lower Upper
91 100
120 19.9 10.4 31.4



#80
1,3,5-Trimethylbenzene
Concen: 1.518 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

Tgt Ion: 105 Resp: 24044
Ion Ratio Lower Upper
105 100
120 44.5 22.2 66.6

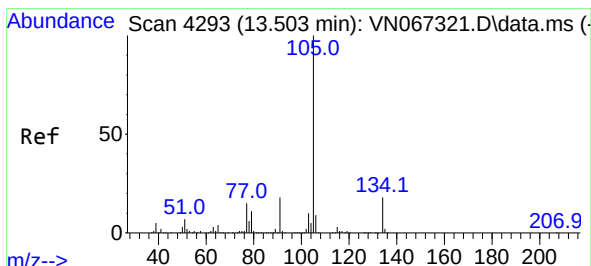
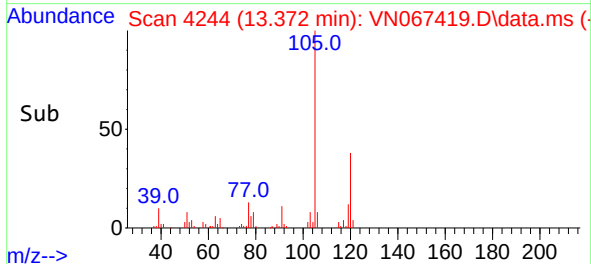
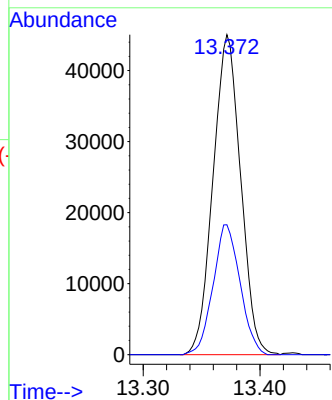
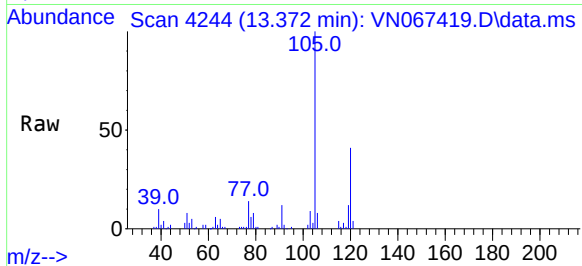




#84
1,2,4-Trimethylbenzene
Concen: 4.716 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

Instrument :
MSVOA_N
ClientSampleId :
B4GW

Tgt Ion:105 Resp: 73776
Ion Ratio Lower Upper
105 100
120 39.8 20.6 61.8



#85
sec-Butylbenzene
Concen: 0.407 ug/l
RT: 13.506 min Scan# 4294
Delta R.T. 0.003 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

Tgt Ion:105 Resp: 7260
Ion Ratio Lower Upper
105 100
134 32.3 9.0 27.1#

