

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)

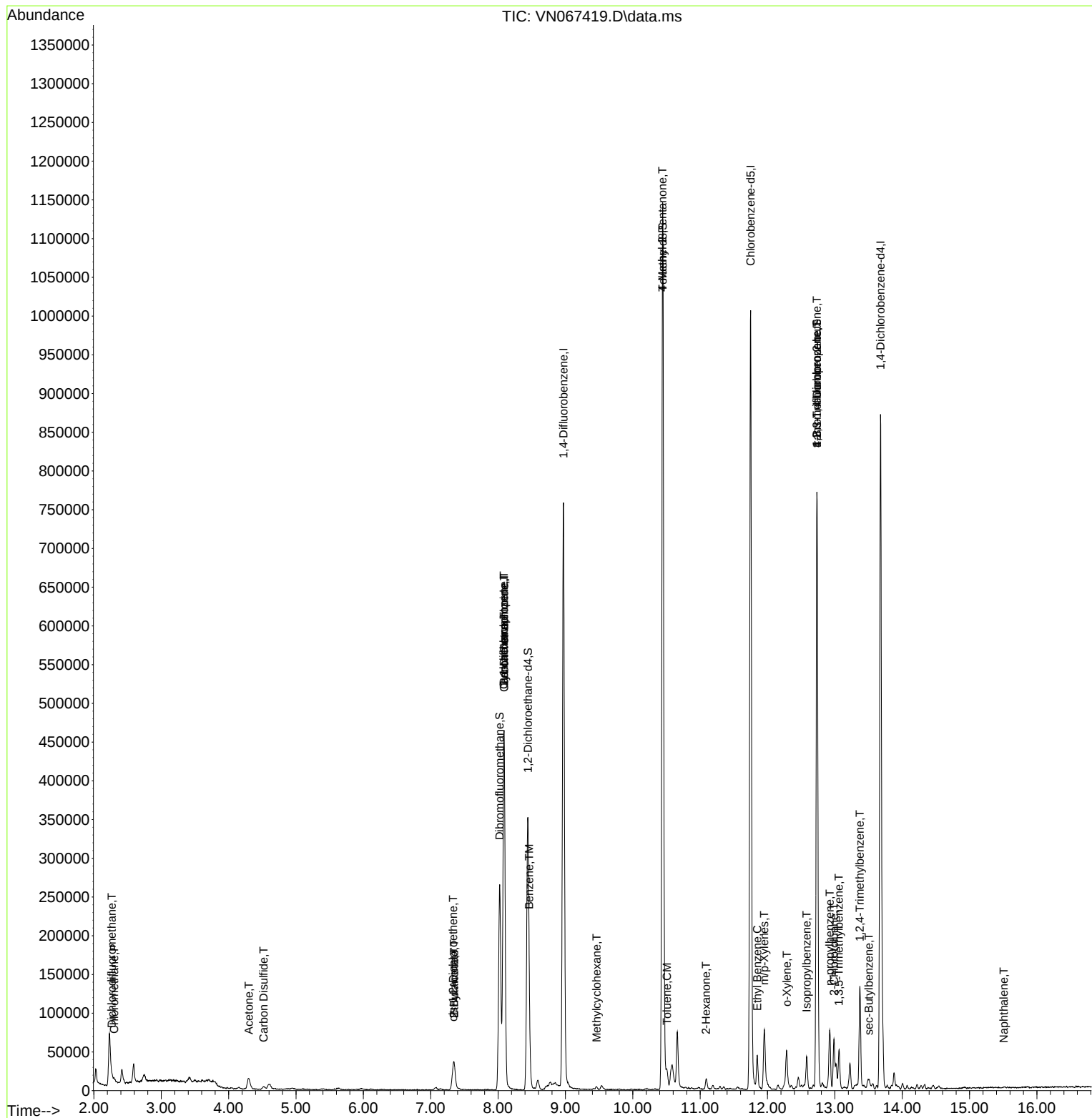
Internal Standards						
1) Pentafluorobenzene	8.088	168	292495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	603306	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	536301	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	195909	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	287330	49.80	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.60%		
35) Dibromofluoromethane	8.024	113	188071	46.87	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.74%		
50) Toluene-d8	10.443	98	781610	50.82	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.64%		
62) 4-Bromofluorobenzene	12.733	95	285664	45.01	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.02%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.266	85	55	1.34	ug/l #	43
3) Chloromethane	2.300	50	3786	0.85	ug/l	96
16) Acetone	4.299	43	27284	12.32	ug/l	98
17) Carbon Disulfide	4.521	76	7637	0.67	ug/l	99
25) 2-Butanone	7.348	43	48578	15.35	ug/l	99
27) cis-1,2-Dichloroethene	7.332	96	7476	1.63	ug/l	95
31) Cyclohexane	8.085	56	11142	1.42	ug/l #	30
36) 1,1-Dichloropropene	8.088	75	35337	5.22	ug/l #	47
37) Ethyl Acetate	7.348	43	48578	6.78	ug/l #	69
38) Carbon Tetrachloride	8.091	117	36971	5.09	ug/l #	17
39) Methylcyclohexane	9.464	83	1572	0.22	ug/l #	86
40) Benzene	8.461	78	44600	2.36	ug/l	97
51) 4-Methyl-2-Pentanone	10.440	43	4483	0.61	ug/l #	1
52) Toluene	10.507	92	5470	0.46	ug/l	86
59) 2-Hexanone	11.087	43	9773	1.80	ug/l	95
67) Ethyl Benzene	11.848	91	29575	1.28	ug/l	92
68) m/p-Xylenes	11.953	106	22828	2.78	ug/l	96
69) o-Xylene	12.285	106	10886	1.36	ug/l	91
73) Isopropylbenzene	12.580	105	26803	1.43	ug/l	99
76) 1,2,3-Trichloropropane	12.733	75	166884	32.80	ug/l #	100
78) n-propylbenzene	12.924	91	63281	2.83	ug/l	98
79) 2-Chlorotoluene	12.988	91	4173	0.30	ug/l #	46
80) 1,3,5-Trimethylbenzene	13.061	105	24044	1.52	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.733	75	166884	81.30	ug/l #	6
84) 1,2,4-Trimethylbenzene	13.372	105	73776	4.72	ug/l	98
85) sec-Butylbenzene	13.506	105	7260	0.41	ug/l #	68
95) Naphthalene	15.507	128	738	2.67	ug/l #	94

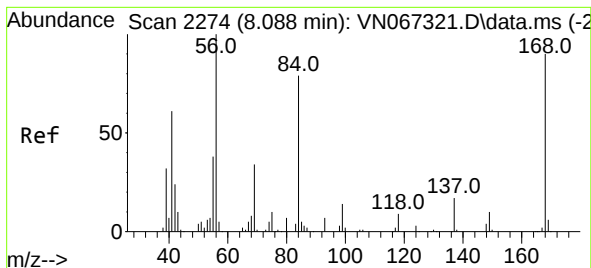
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 15 05:19:42 2021
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. 0.000 min

Lab File: VN067419.D

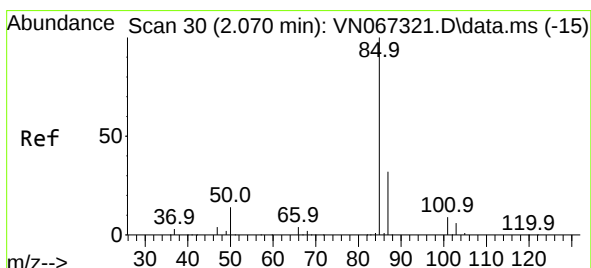
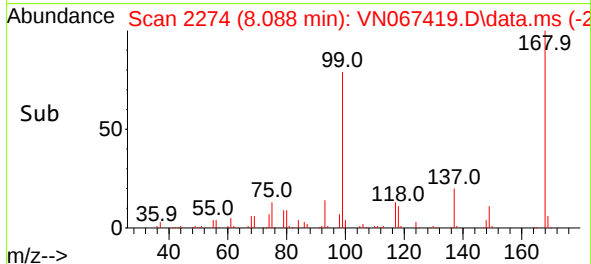
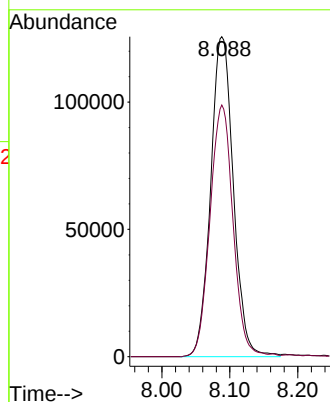
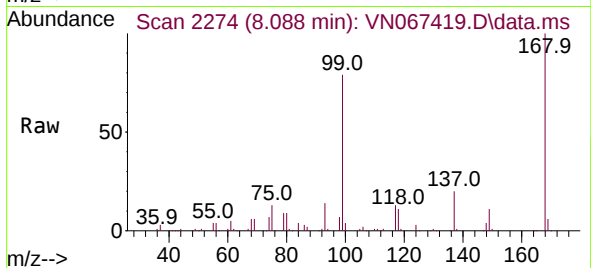
Acq: 21 Jun 2021 16:14

Tgt Ion:168 Resp: 292495

Ion Ratio Lower Upper

168 100

99 78.7 62.9 94.3



#2

Dichlorodifluoromethane

Concen: 1.34 ug/l

RT: 2.266 min Scan# 103

Delta R.T. 0.196 min

Lab File: VN067419.D

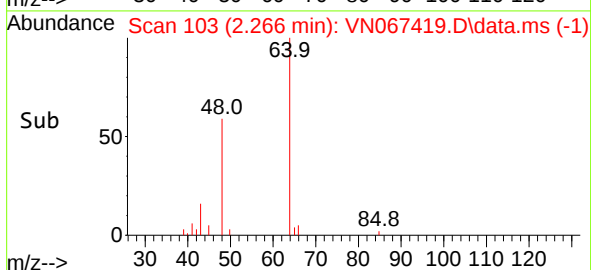
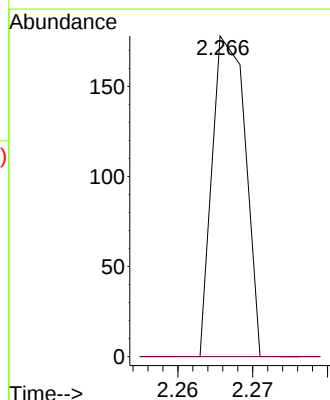
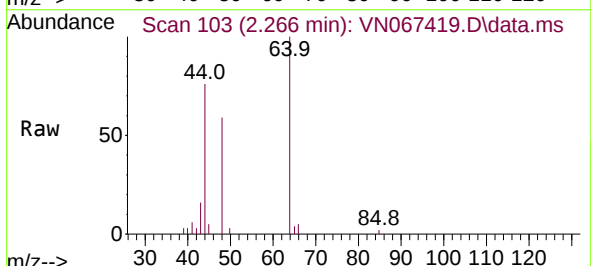
Acq: 21 Jun 2021 16:14

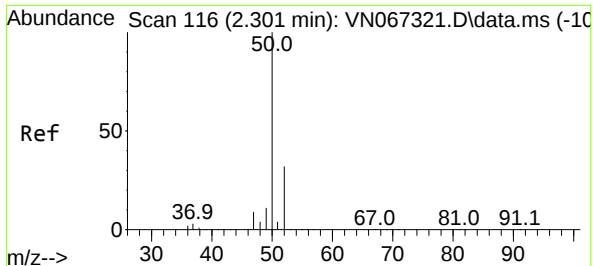
Tgt Ion: 85 Resp: 55

Ion Ratio Lower Upper

85 100

87 0.0 16.1 48.2#





#3

Chloromethane

Concen: 0.85 ug/l

RT: 2.300 min Scan# 116

Delta R.T. -0.001 min

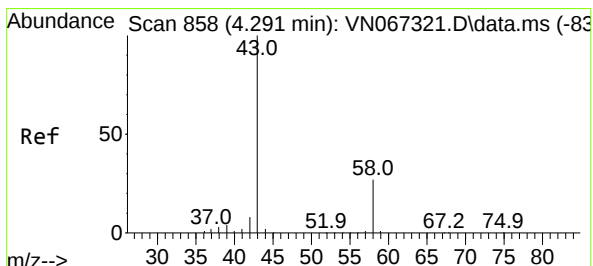
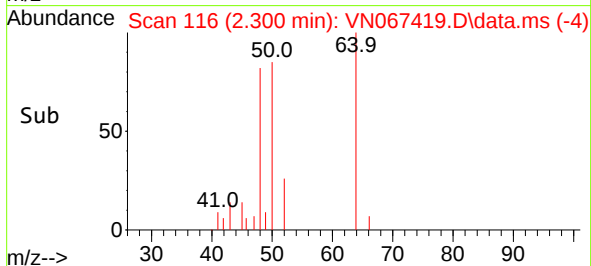
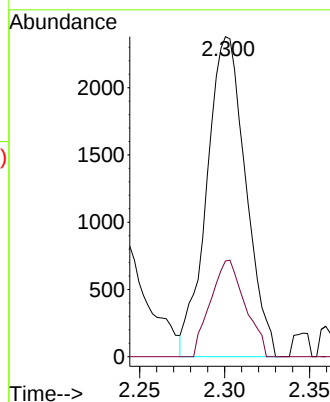
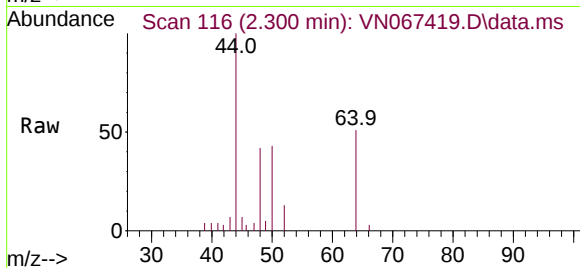
Lab File: VN067419.D

Acq: 21 Jun 2021 16:14

Tgt Ion: 50 Resp: 3786

Ion	Ratio	Lower	Upper
50	100		
52	29.9	25.6	38.4

Instrument :
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#16

Acetone

Concen: 12.32 ug/l

RT: 4.299 min Scan# 861

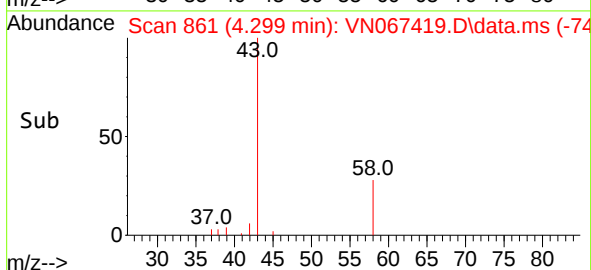
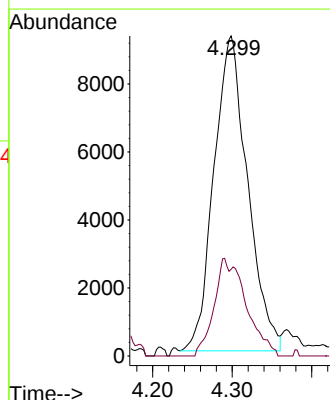
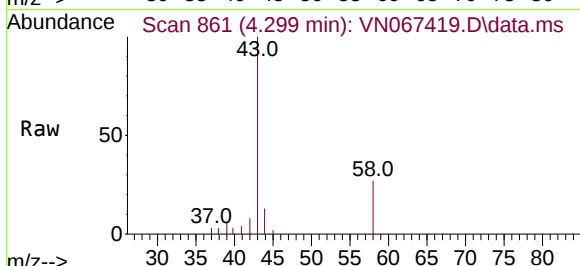
Delta R.T. 0.008 min

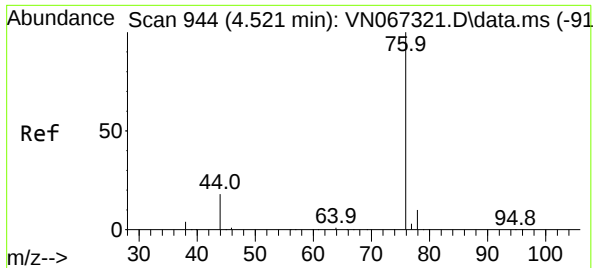
Lab File: VN067419.D

Acq: 21 Jun 2021 16:14

Tgt Ion: 43 Resp: 27284

Ion	Ratio	Lower	Upper
43	100		
58	27.5	21.2	31.8

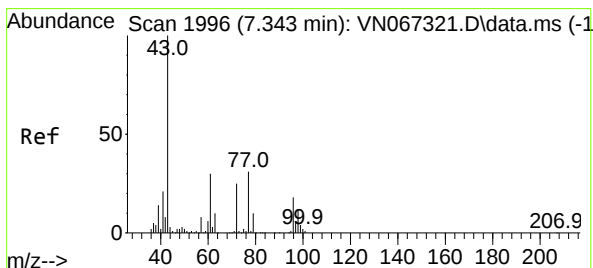
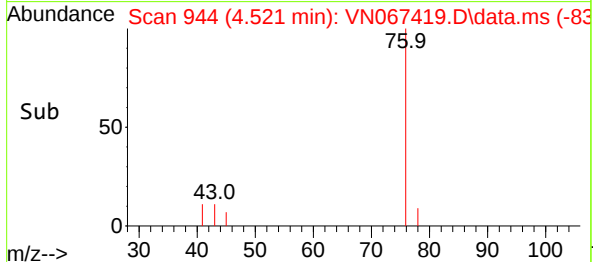
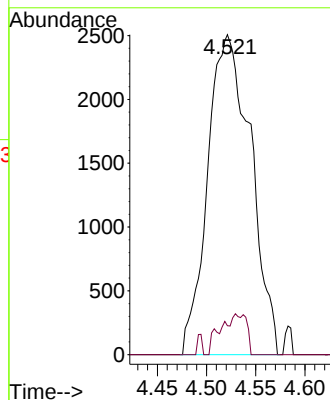
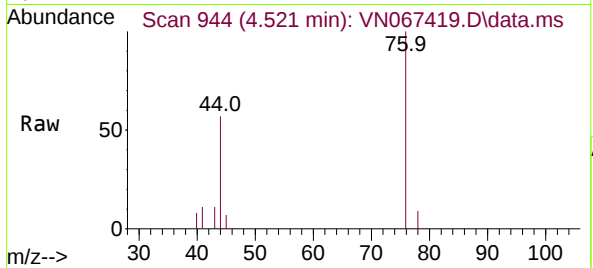




#17
Carbon Disulfide
Concen: 0.67 ug/l
RT: 4.521 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

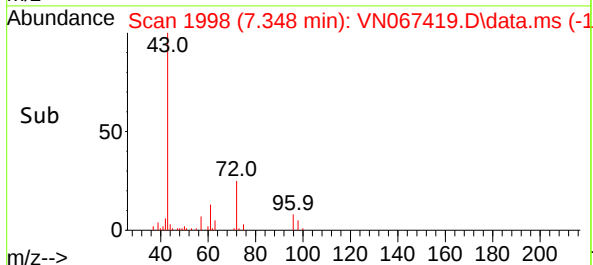
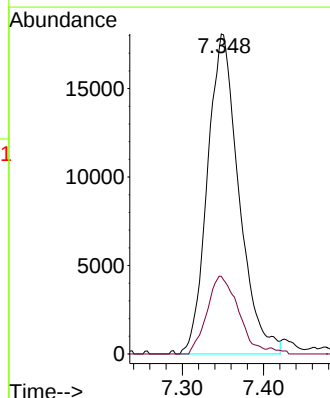
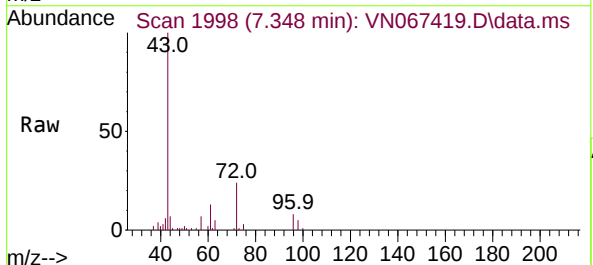
Instrument :
MSVOA_N
ClientSampleId :
B4GW

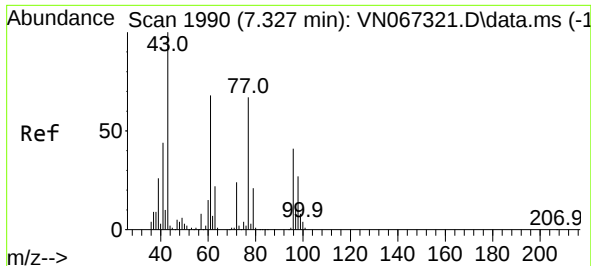
Tgt Ion: 76 Resp: 7637
Ion Ratio Lower Upper
76 100
78 9.1 7.7 11.5



#25
2-Butanone
Concen: 15.35 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. 0.005 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

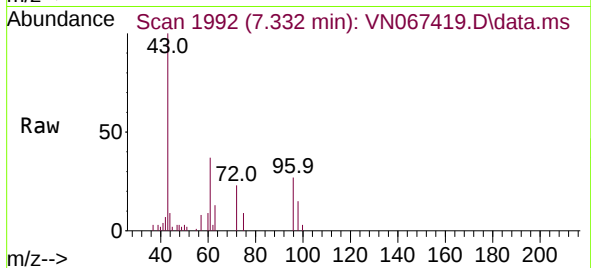
Tgt Ion: 43 Resp: 48578
Ion Ratio Lower Upper
43 100
72 24.2 19.7 29.5



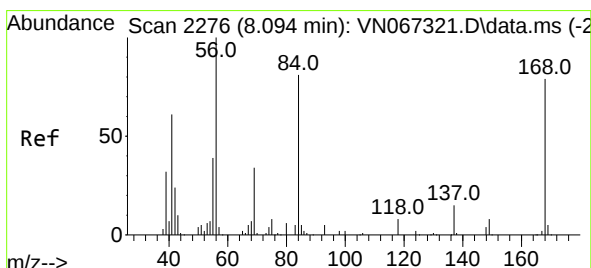
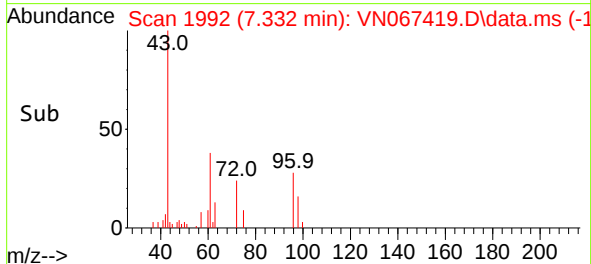
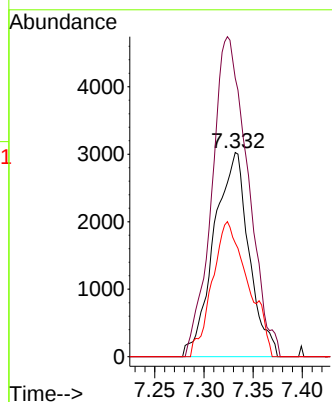


#27
 cis-1,2-Dichloroethene
 Concen: 1.63 ug/l
 RT: 7.332 min Scan# 1992
 Delta R.T. 0.005 min
 Lab File: VN067419.D
 Acq: 21 Jun 2021 16:14

Instrument :
 MSVOA_N
 ClientSampleId :
 B4GW

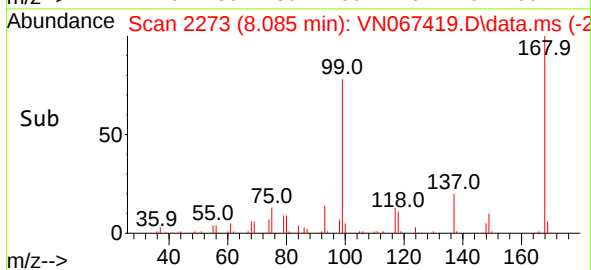
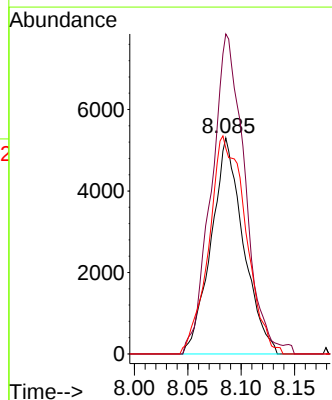
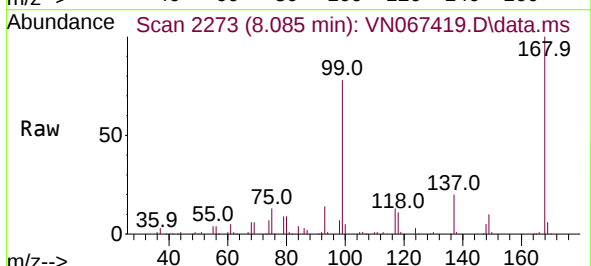


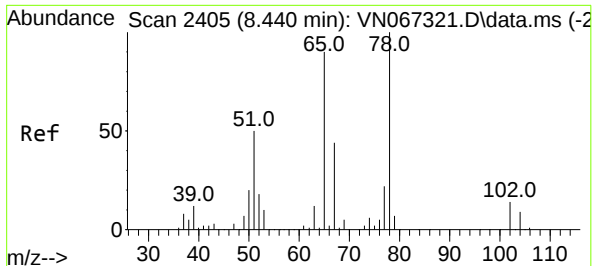
Tgt Ion:	96	Resp:	7476
Ion	Ratio	Lower	Upper
96	100		
61	161.7	0.0	338.8
98	67.8	0.0	129.8



#31
 Cyclohexane
 Concen: 1.42 ug/l
 RT: 8.085 min Scan# 2273
 Delta R.T. -0.008 min
 Lab File: VN067419.D
 Acq: 21 Jun 2021 16:14

Tgt Ion:	56	Resp:	11142
Ion	Ratio	Lower	Upper
56	100		
69	148.2	27.3	40.9#
84	95.3	64.9	97.3



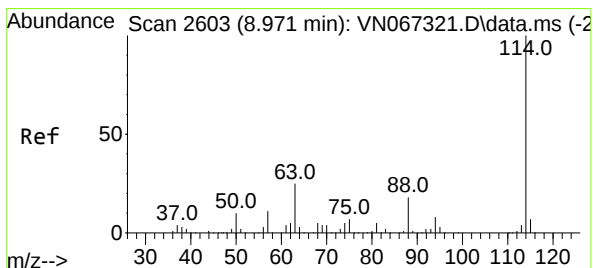
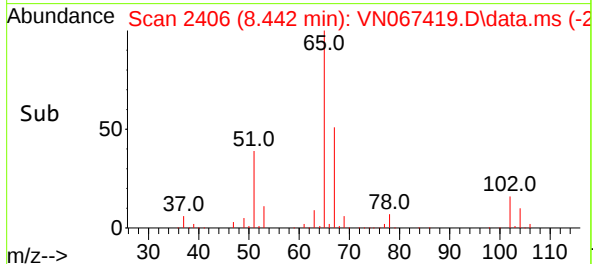
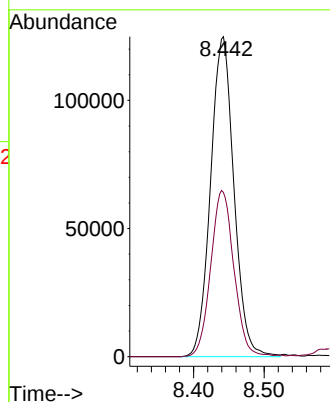
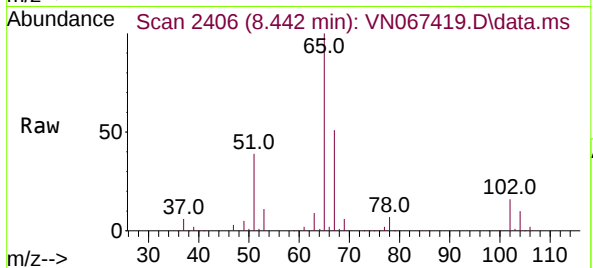


#33

1,2-Dichloroethane-d4
Concen: 49.80 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

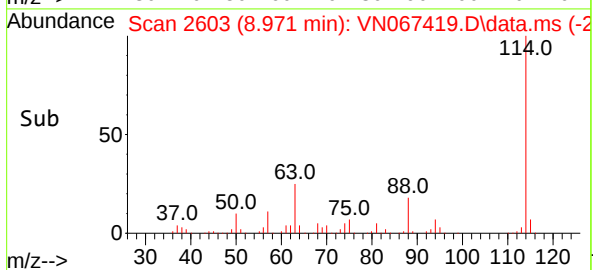
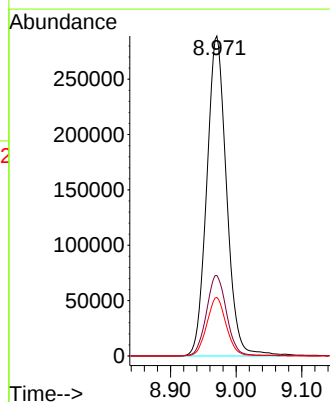
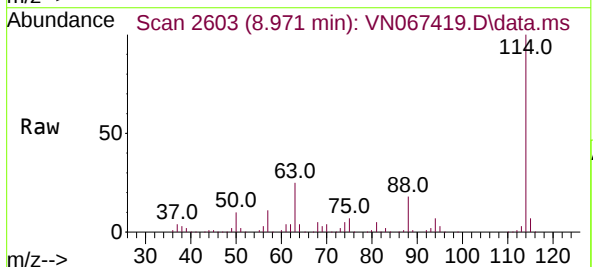
Tgt Ion: 65 Resp: 287330
Ion Ratio Lower Upper
65 100
67 51.6 0.0 98.6

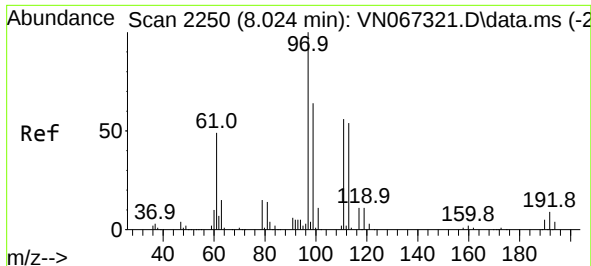


#34

1,4-Difluorobenzene
Concen: 50.00 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

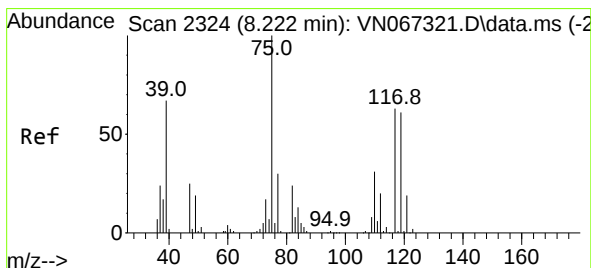
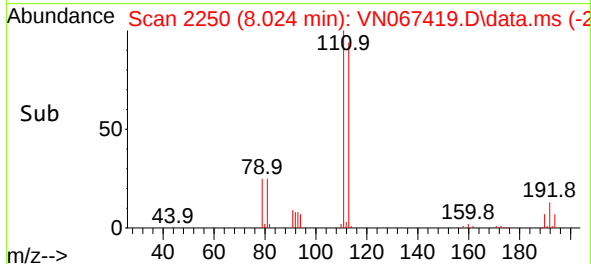
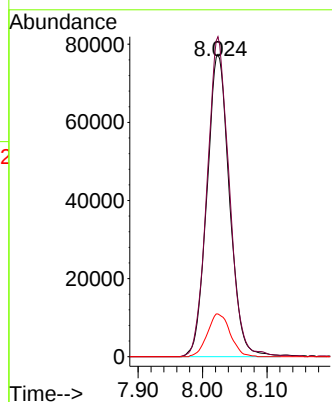
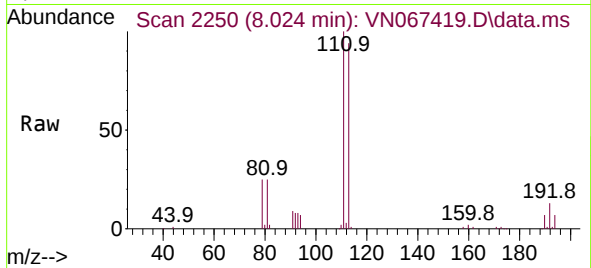




#35
Dibromofluoromethane
Concen: 46.87 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

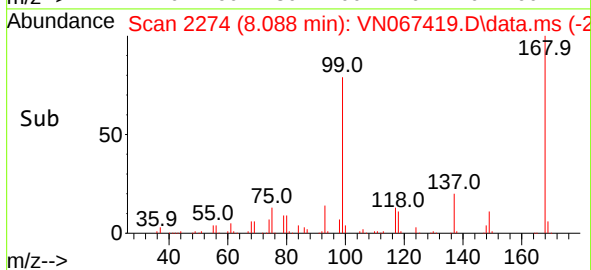
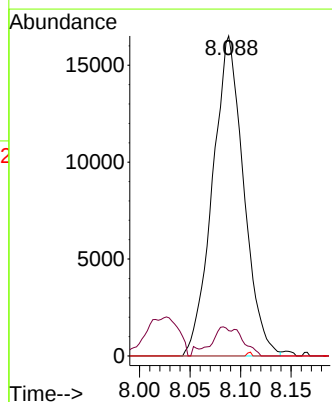
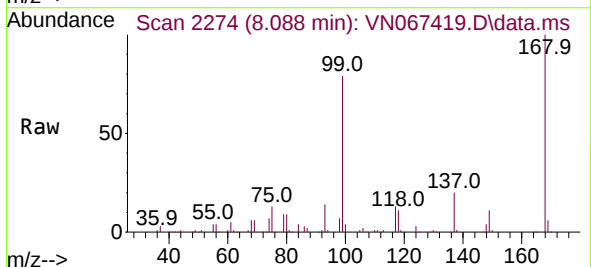
Instrument :
MSVOA_N
ClientSampleId :
B4GW

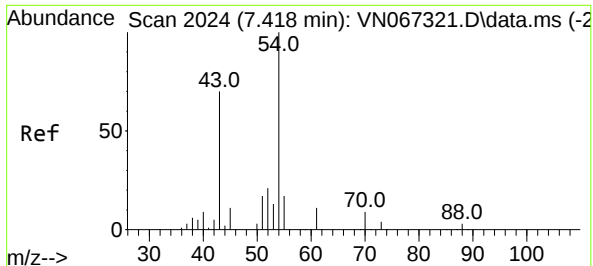
Tgt Ion:113 Resp: 188071
Ion Ratio Lower Upper
113 100
111 104.1 83.8 125.8
192 14.3 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.22 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

Tgt Ion: 75 Resp: 35337
Ion Ratio Lower Upper
75 100
110 3.2 15.7 47.0#
77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 6.78 ug/l

RT: 7.348 min Scan# 1998

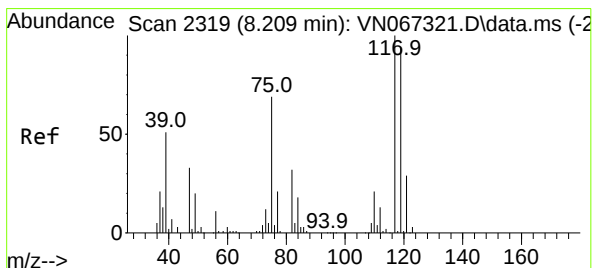
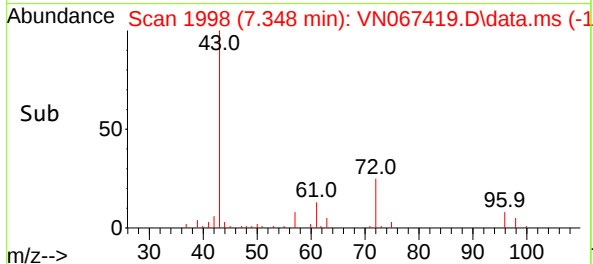
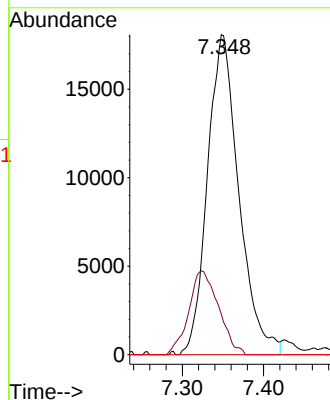
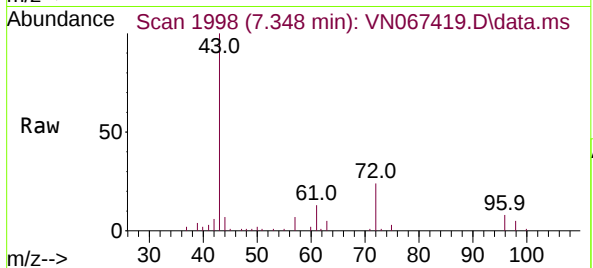
Delta R.T. -0.070 min

Lab File: VN067419.D

Acq: 21 Jun 2021 16:14

Tgt Ion:	43	Resp:	48578
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	16.0#
70	0.0	8.1	12.1#

Instrument :
MSVOA_N
ClientSampleId :
B4GW



#38

Carbon Tetrachloride

Concen: 5.09 ug/l

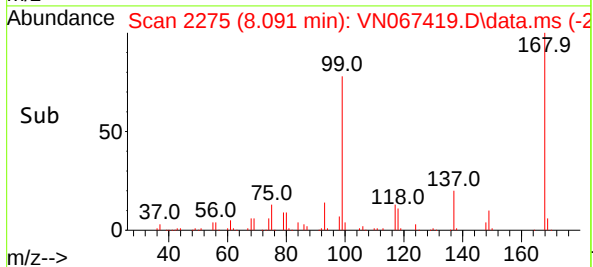
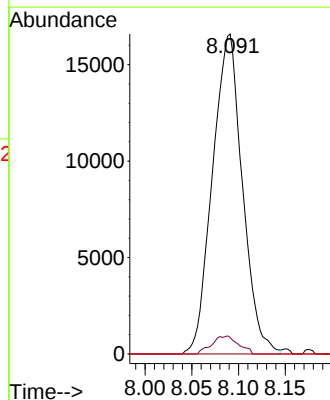
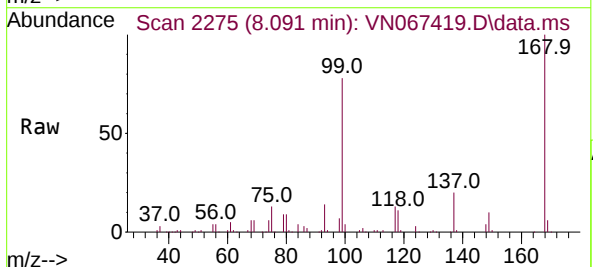
RT: 8.091 min Scan# 2275

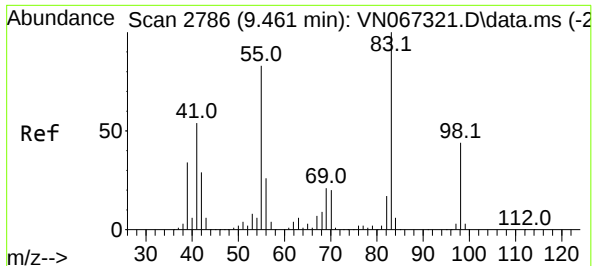
Delta R.T. -0.118 min

Lab File: VN067419.D

Acq: 21 Jun 2021 16:14

Tgt Ion:	117	Resp:	36971
Ion	Ratio	Lower	Upper
117	100		
119	5.2	75.4	113.2#
121	0.0	23.5	35.3#





#39

Methylcyclohexane

Concen: 0.22 ug/l

RT: 9.464 min Scan# 2787

Delta R.T. 0.003 min

Lab File: VN067419.D

Acq: 21 Jun 2021 16:14

Tgt Ion: 83 Resp: 1572

Ion Ratio Lower Upper

83 100

55 76.8 66.6 99.8

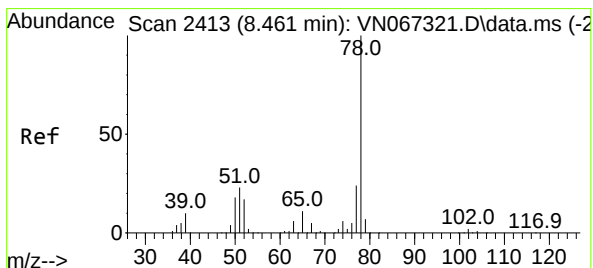
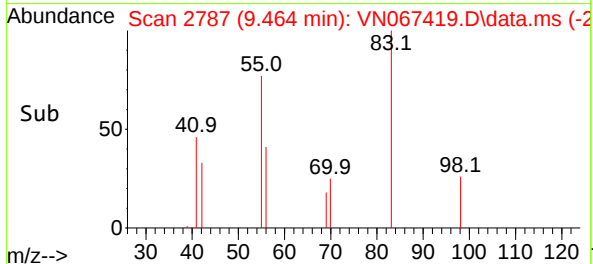
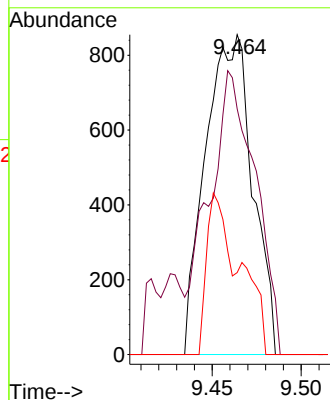
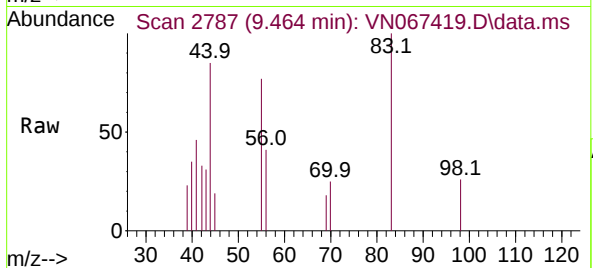
98 25.6 35.3 52.9#

Instrument :

MSVOA_N

ClientSampleId :

B4GW



#40

Benzene

Concen: 2.36 ug/l

RT: 8.461 min Scan# 2413

Delta R.T. -0.000 min

Lab File: VN067419.D

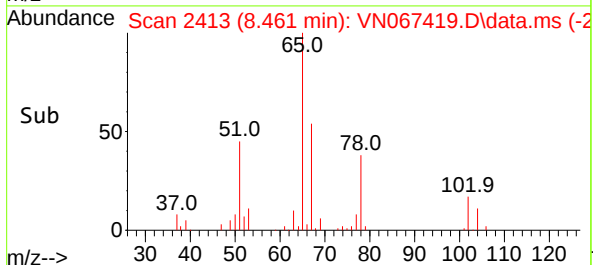
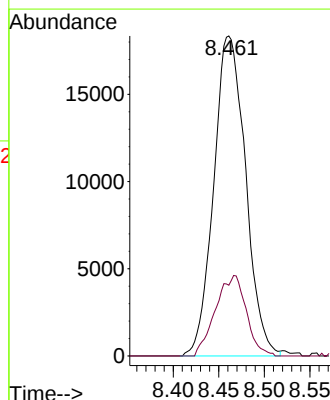
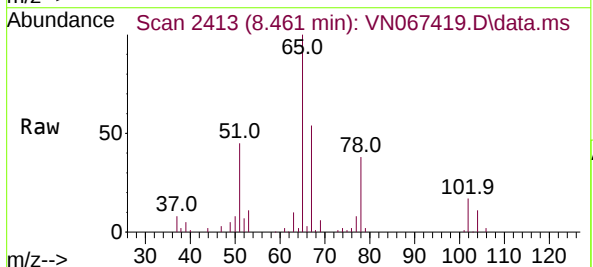
Acq: 21 Jun 2021 16:14

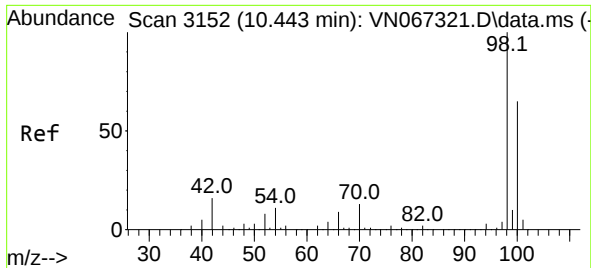
Tgt Ion: 78 Resp: 44600

Ion Ratio Lower Upper

78 100

77 22.1 18.9 28.3

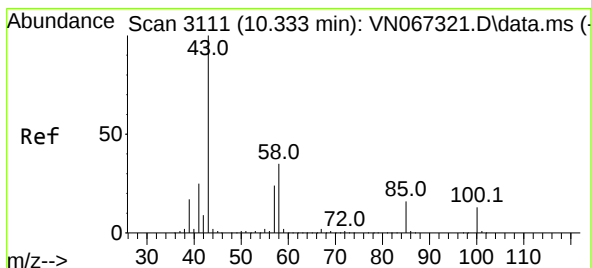
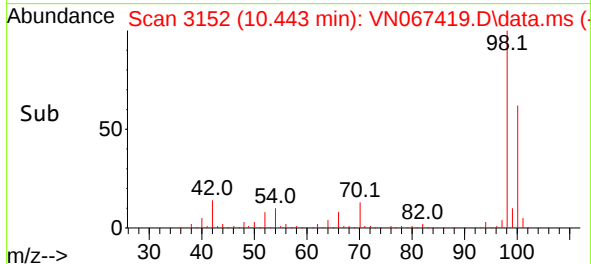
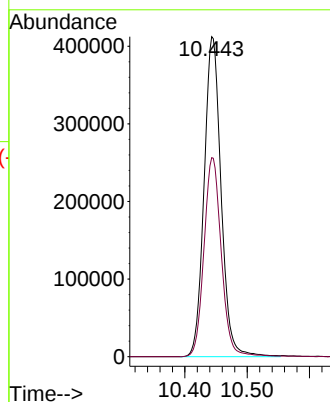
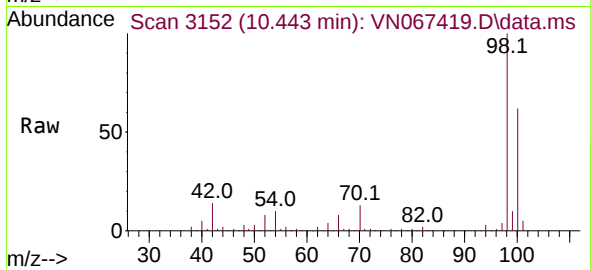




#50
Toluene-d8
Concen: 50.82 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

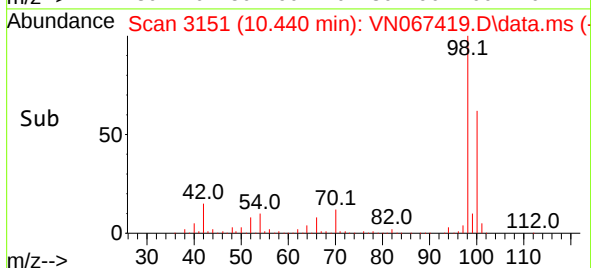
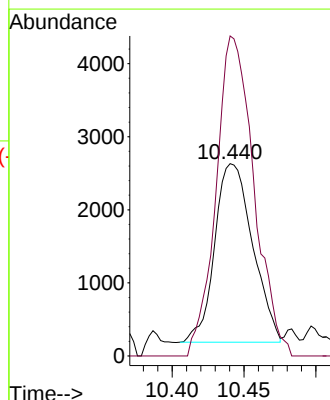
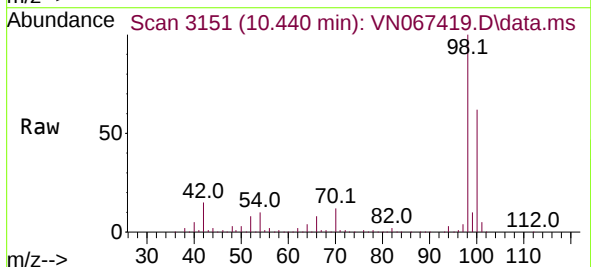
Instrument :
MSVOA_N
ClientSampled :
B4GW

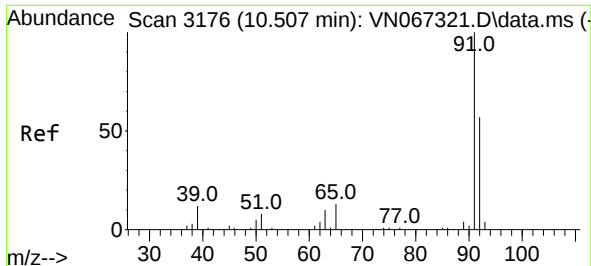
Tgt Ion: 98 Resp: 781610
Ion Ratio Lower Upper
98 100
100 63.3 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.61 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.107 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

Tgt Ion: 43 Resp: 4483
Ion Ratio Lower Upper
43 100
58 179.1 28.6 43.0#

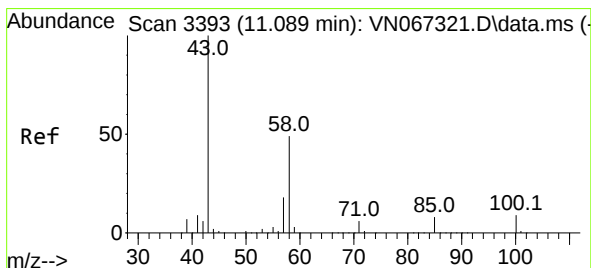
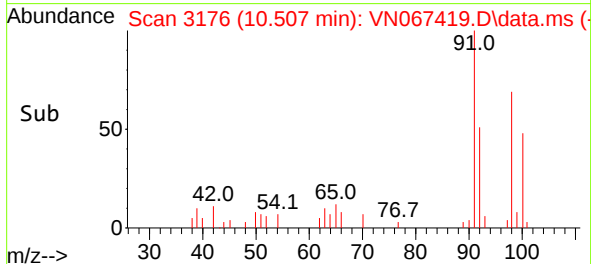
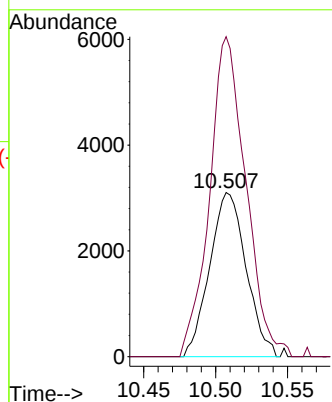
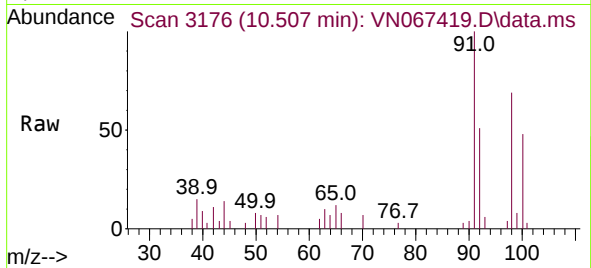




#52
Toluene
Concen: 0.46 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

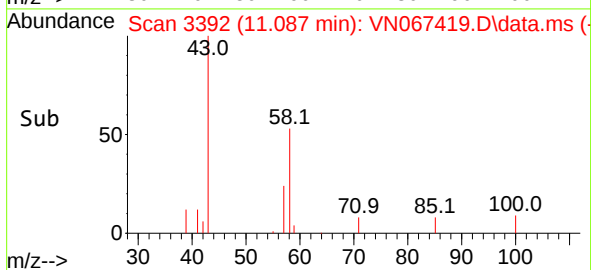
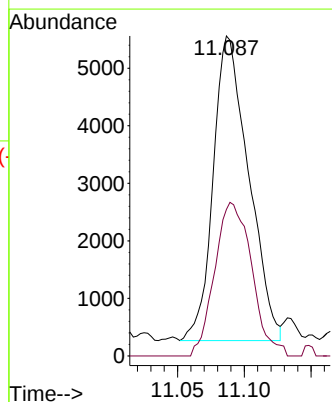
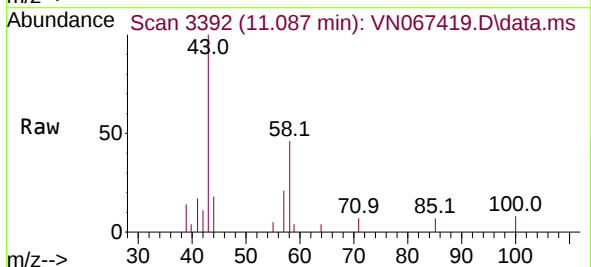
Instrument :
MSVOA_N
ClientSampleId :
B4GW

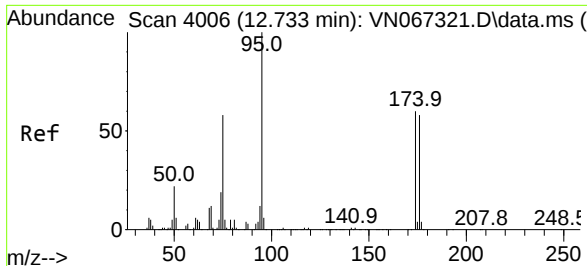
Tgt Ion: 92 Resp: 5470
Ion Ratio Lower Upper
92 100
91 194.2 139.6 209.4



#59
2-Hexanone
Concen: 1.80 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.002 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

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

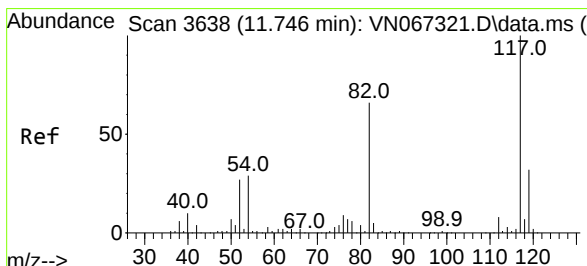
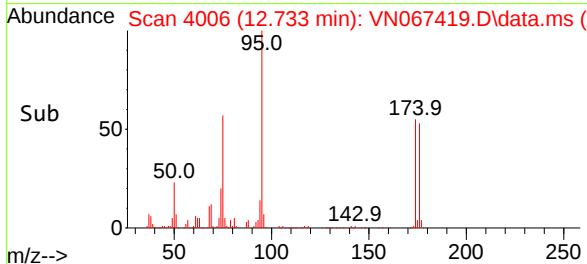
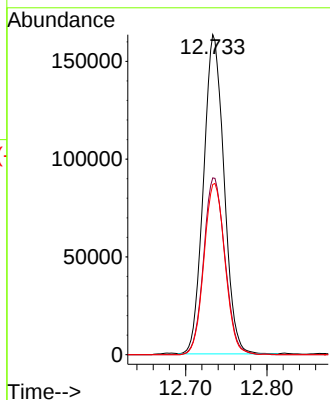
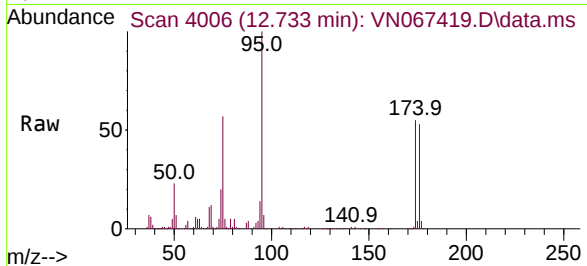




#62
4-Bromofluorobenzene
Concen: 45.01 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

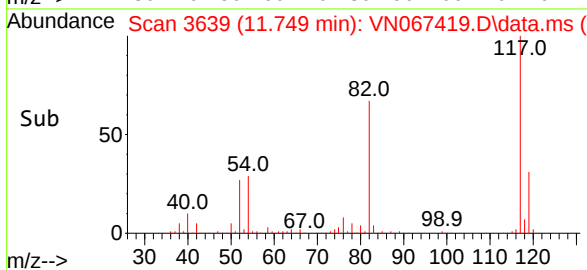
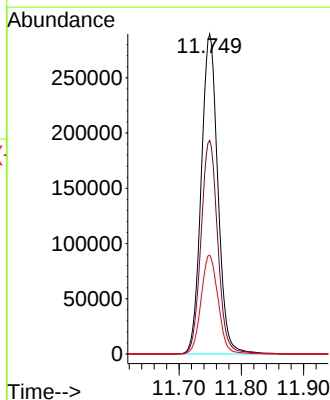
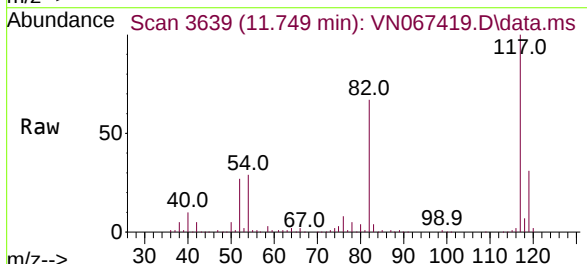
Instrument :
MSVOA_N
ClientSampleId :
B4GW

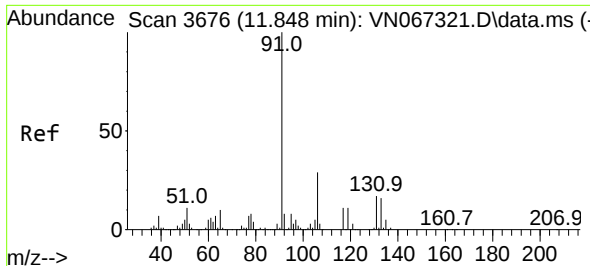
Tgt Ion: 95 Resp: 285664
Ion Ratio Lower Upper
95 100
174 57.5 0.0 122.0
176 55.3 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

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

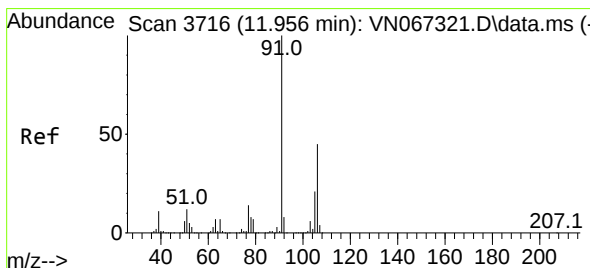
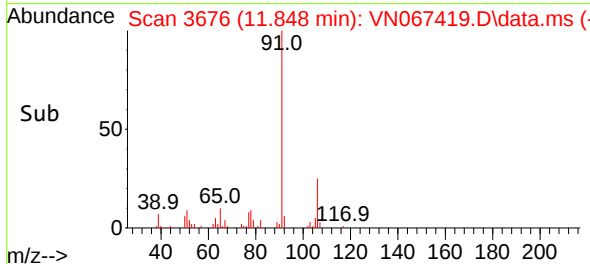
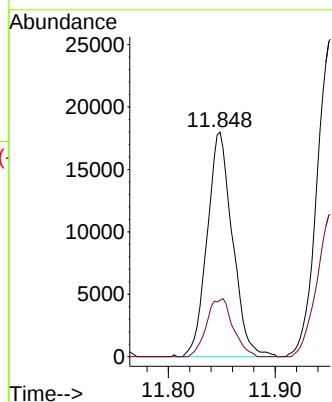
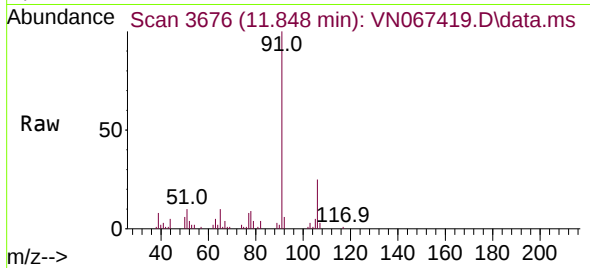




#67
Ethyl Benzene
Concen: 1.28 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.000 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

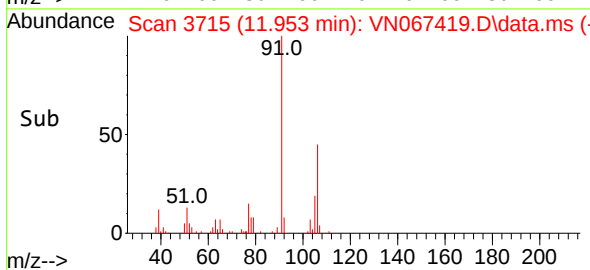
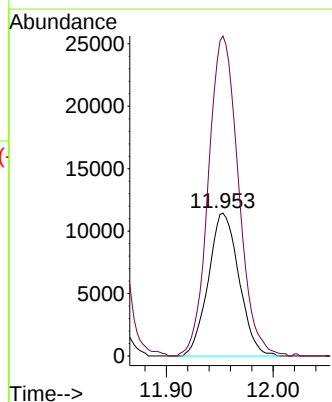
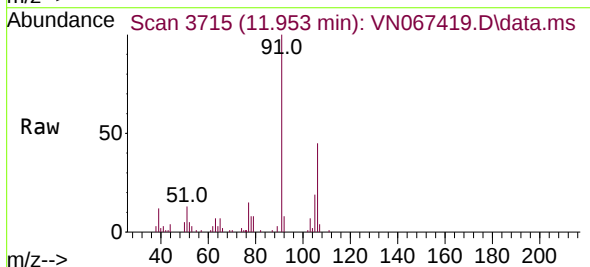
Instrument :
MSVOA_N
ClientSampleId :
B4GW

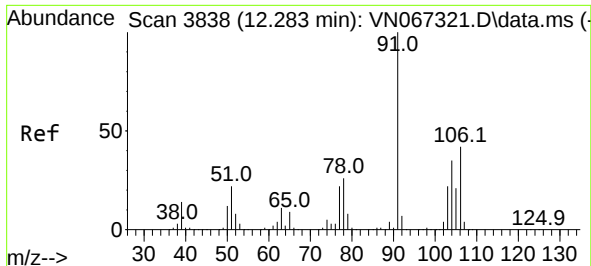
Tgt Ion: 91 Resp: 29575
Ion Ratio Lower Upper
91 100
106 25.0 23.4 35.0



#68
m/p-Xylenes
Concen: 2.78 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

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

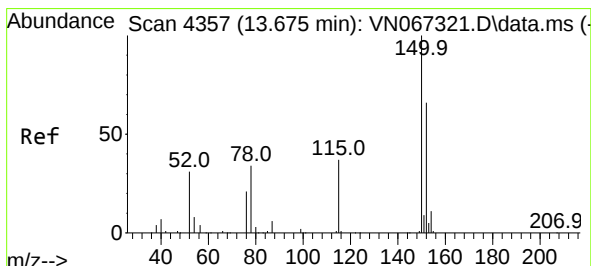
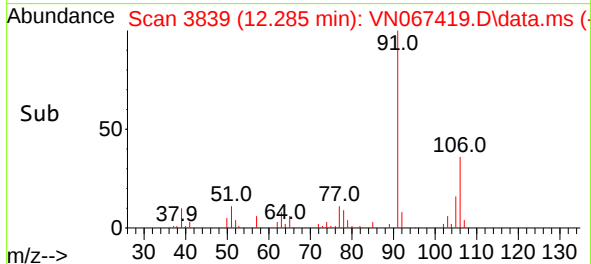
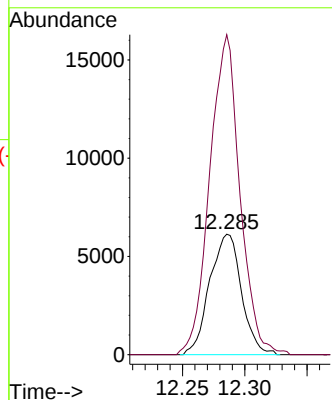
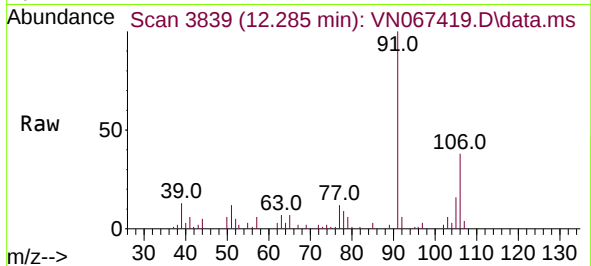




#69
o-Xylene
Concen: 1.36 ug/l
RT: 12.285 min Scan# 3839
Delta R.T. 0.002 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

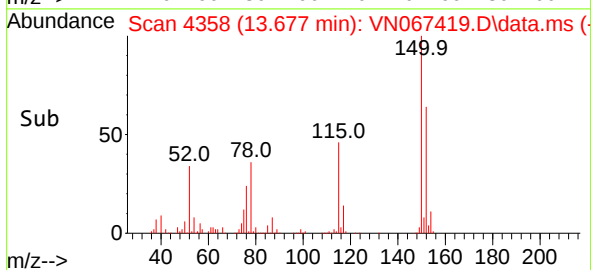
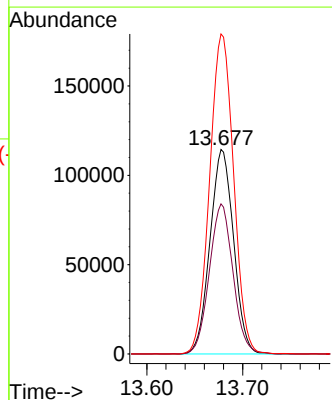
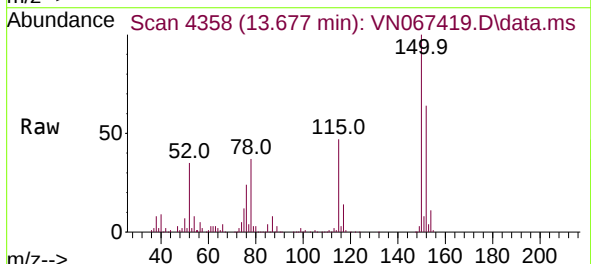
Instrument :
MSVOA_N
ClientSampleId :
B4GW

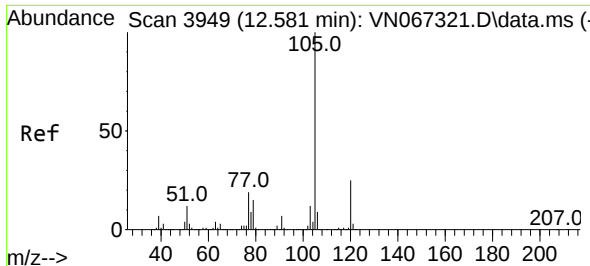
Tgt Ion:106 Resp: 10886
Ion Ratio Lower Upper
106 100
91 252.4 118.3 354.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

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

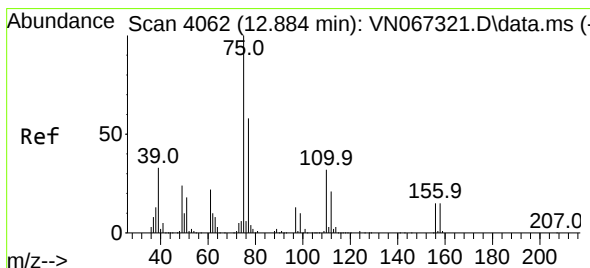
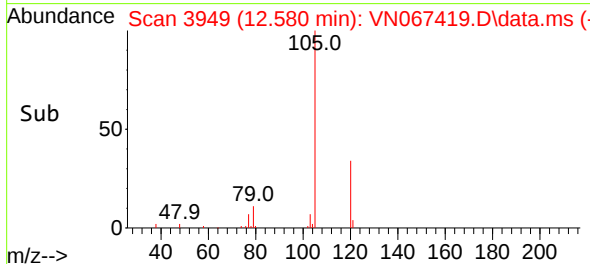
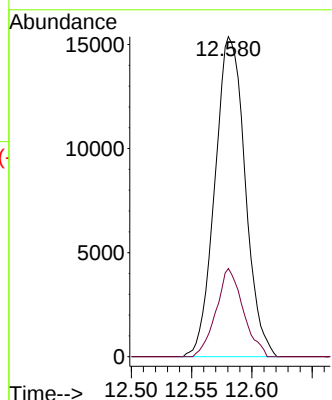
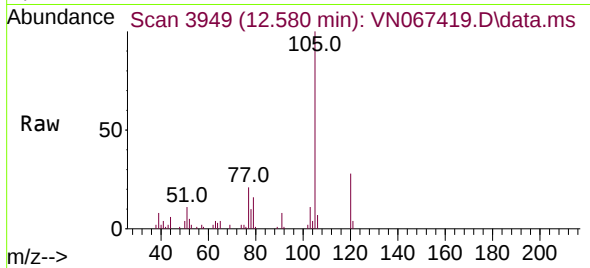




#73
Isopropylbenzene
Concen: 1.43 ug/l
RT: 12.580 min Scan# 3949
Delta R.T. -0.001 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

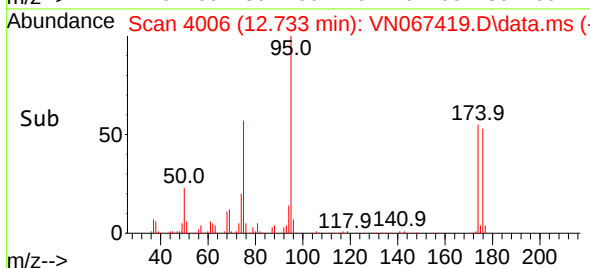
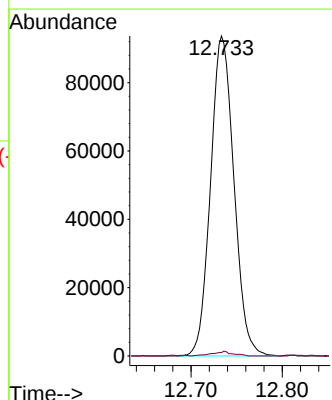
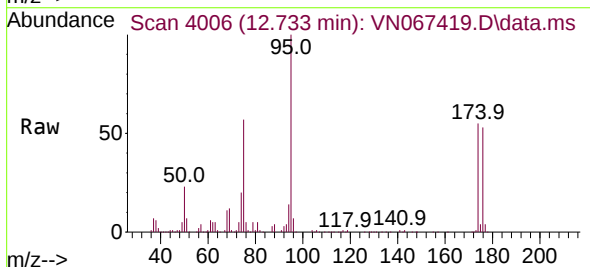
Instrument :
MSVOA_N
ClientSampled :
B4GW

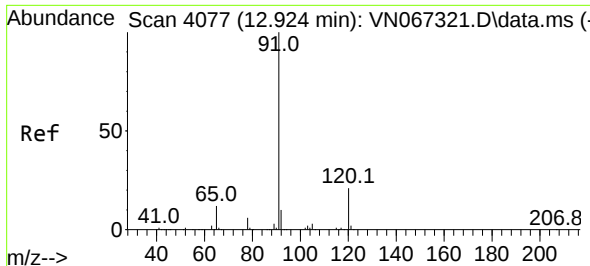
Tgt Ion:105 Resp: 26803
Ion Ratio Lower Upper
105 100
120 24.7 12.5 37.5



#76
1,2,3-Trichloropropane
Concen: 32.80 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

Tgt Ion: 75 Resp: 166884
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

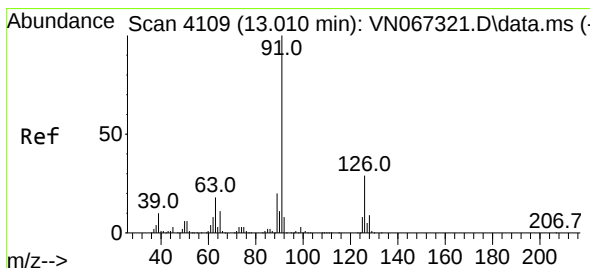
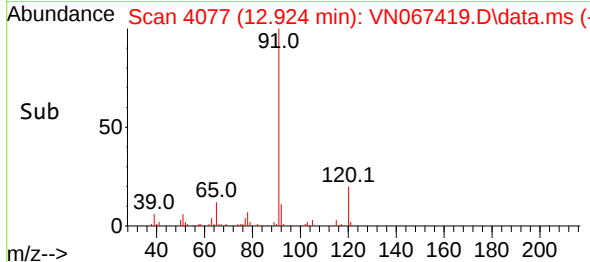
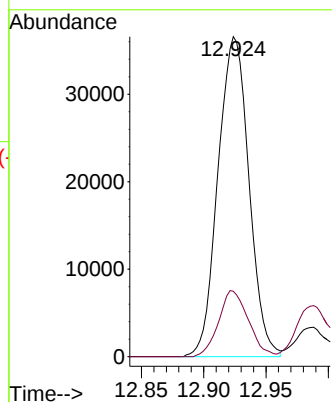
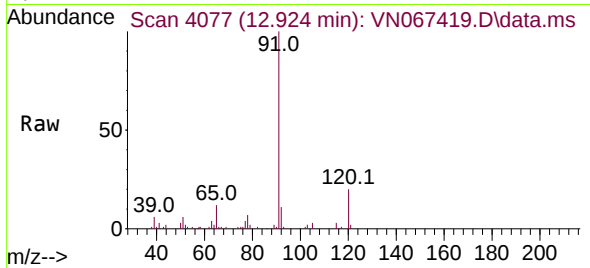




#78
n-propylbenzene
Concen: 2.83 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. -0.000 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

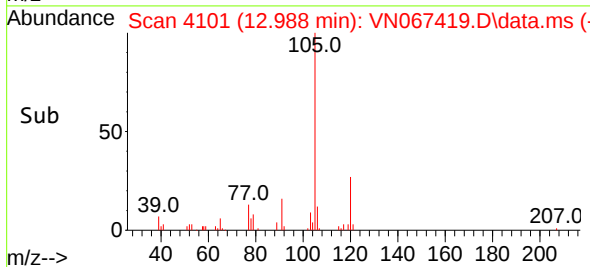
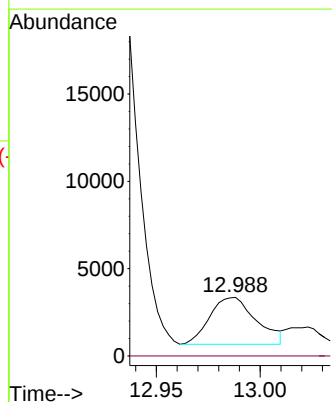
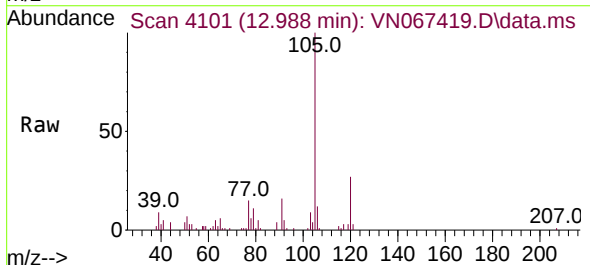
Instrument :
MSVOA_N
ClientSampled :
B4GW

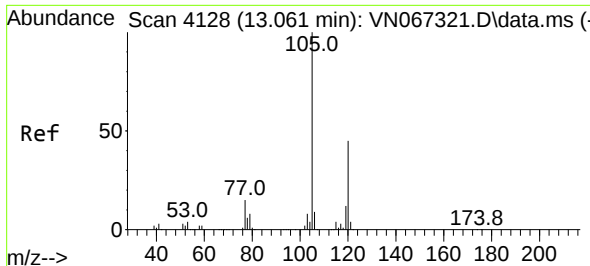
Tgt Ion: 91 Resp: 63281
Ion Ratio Lower Upper
91 100
120 19.9 10.4 31.4



#79
2-Chlorotoluene
Concen: 0.30 ug/l
RT: 12.988 min Scan# 4101
Delta R.T. -0.022 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

Tgt Ion: 91 Resp: 4173
Ion Ratio Lower Upper
91 100
126 0.0 14.5 43.5#

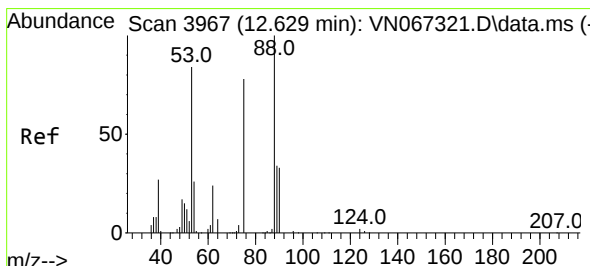
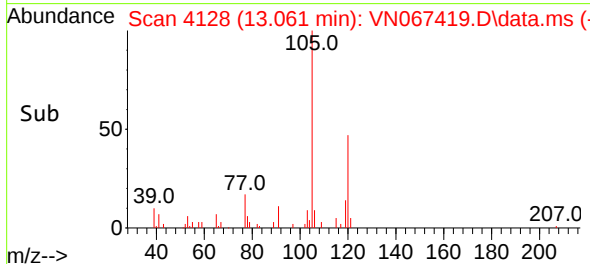
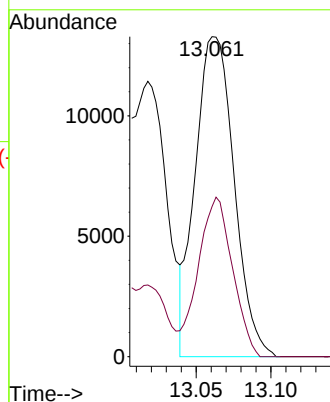
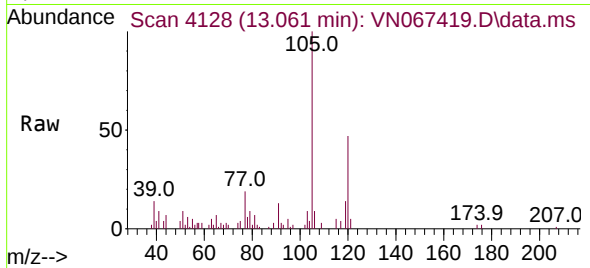




#80
1,3,5-Trimethylbenzene
Concen: 1.52 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

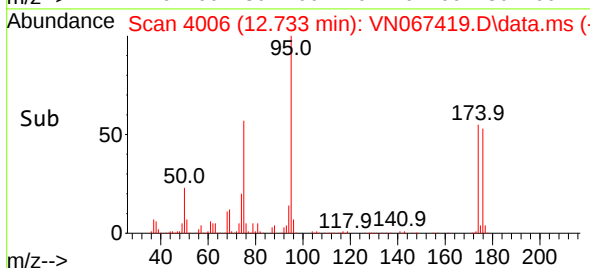
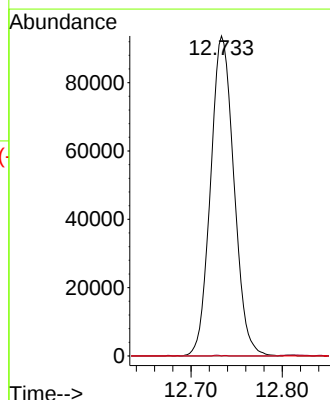
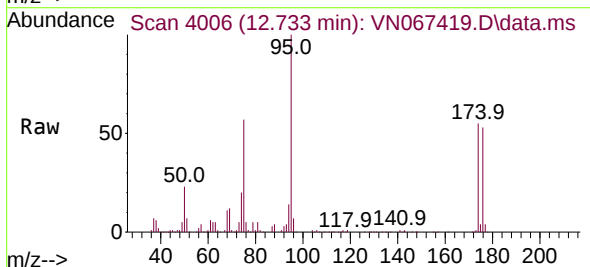
Instrument :
MSVOA_N
ClientSampleId :
B4GW

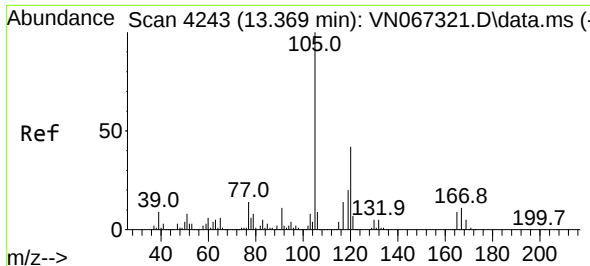
Tgt Ion:105 Resp: 24044
Ion Ratio Lower Upper
105 100
120 44.5 22.2 66.6



#81
trans-1,4-Dichloro-2-butene
Concen: 81.30 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

Tgt Ion: 75 Resp: 166884
Ion Ratio Lower Upper
75 100
53 0.1 87.6 131.4#
89 0.0 37.8 56.8#

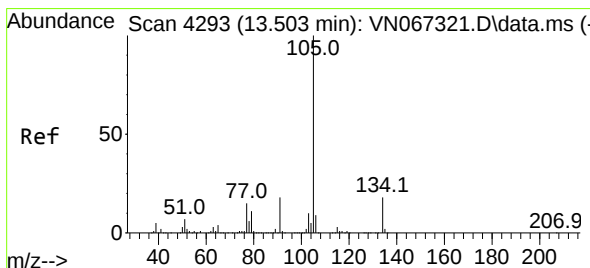
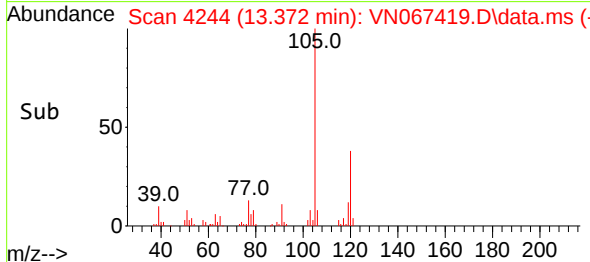
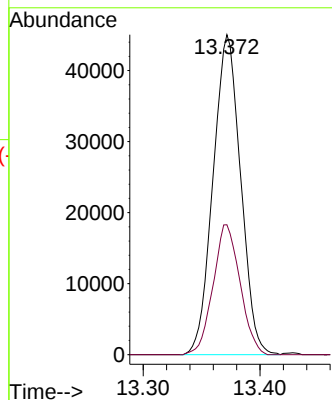
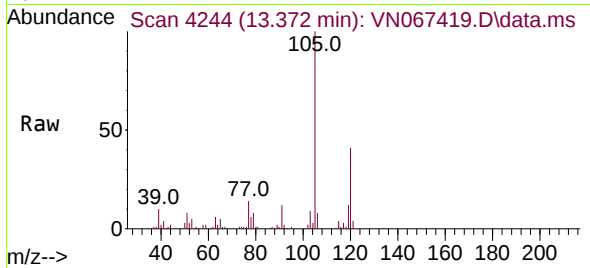




#84
1,2,4-Trimethylbenzene
Concen: 4.72 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

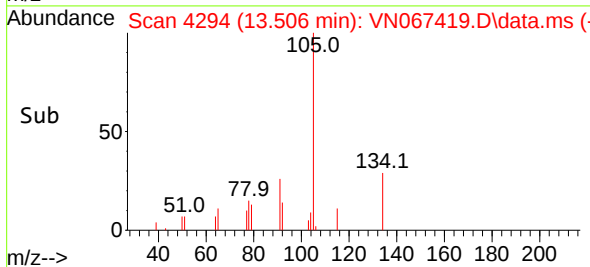
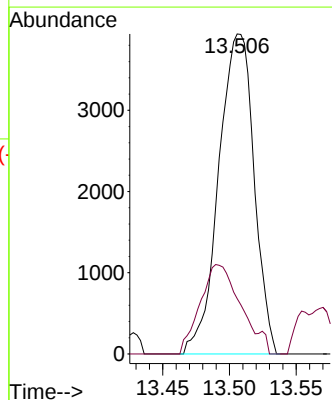
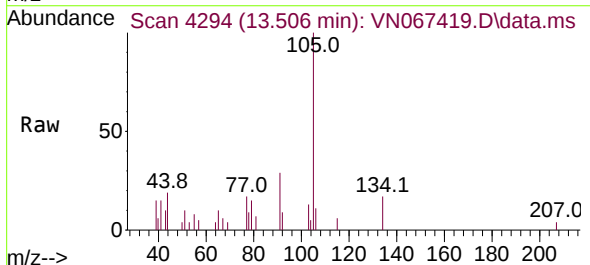
Instrument :
MSVOA_N
ClientSampleId :
B4GW

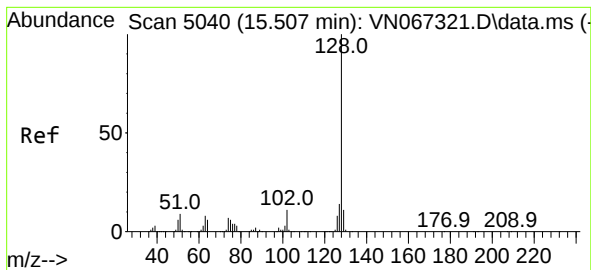
Tgt Ion:105 Resp: 73776
Ion Ratio Lower Upper
105 100
120 39.8 20.6 61.8



#85
sec-Butylbenzene
Concen: 0.41 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#





#95
Naphthalene
Concen: 2.67 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN067419.D
Acq: 21 Jun 2021 16:14

Instrument :
MSVOA_N
ClientSampleId :
B4GW

Tgt Ion:128 Resp: 738
Ion Ratio Lower Upper
128 100
127 16.5 10.6 15.8#
129 9.9 8.6 12.8

