

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062121\
 Data File : VN067422.D
 Acq On : 21 Jun 2021 17:26
 Operator : JC/MD
 Sample : M2799-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-2-GW

Quant Time: Jun 22 03:12:14 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)

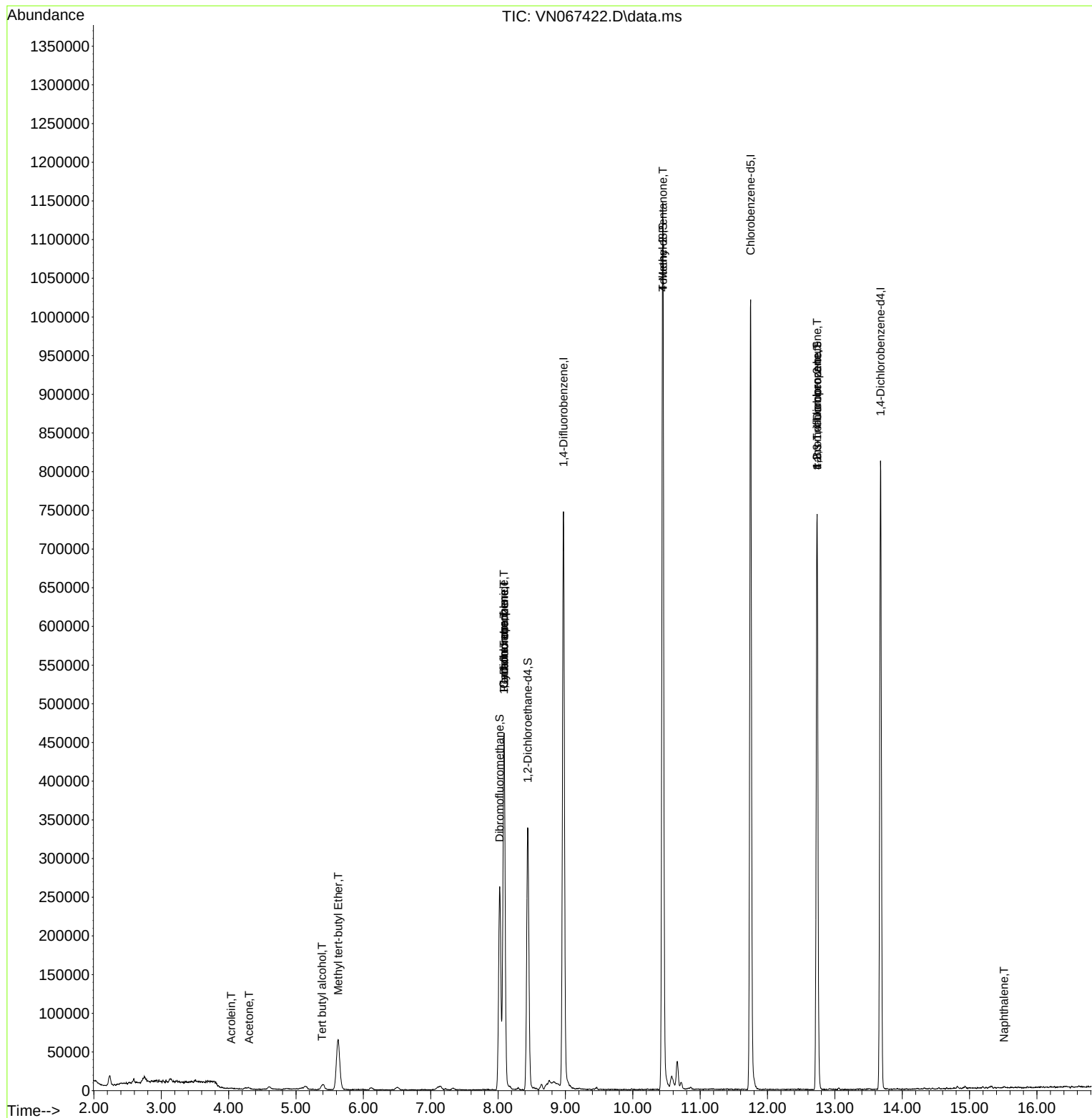
Internal Standards						
1) Pentafluorobenzene	8.091	168	289901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	599545	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	534396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	183587	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	288699	50.48	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.96%
35) Dibromofluoromethane	8.024	113	186492	46.77	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.54%
50) Toluene-d8	10.446	98	788904	51.62	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.24%
62) 4-Bromofluorobenzene	12.736	95	278332	44.13	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.26%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.388	59	5569	5.92	ug/l #	88
13) Acrolein	4.039	56	429	0.73	ug/l	97
16) Acetone	4.304	43	1775	0.81	ug/l #	87
19) Methyl tert-butyl Ether	5.626	73	103509	7.42	ug/l #	85
31) Cyclohexane	8.088	56	11627	1.50	ug/l #	5
36) 1,1-Dichloropropene	8.086	75	35391	5.27	ug/l #	51
38) Carbon Tetrachloride	8.088	117	37311	5.16	ug/l #	16
51) 4-Methyl-2-Pentanone	10.448	43	4401	0.60	ug/l #	1
76) 1,2,3-Trichloropropane	12.736	75	161218	33.82	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.736	75	161218	83.81	ug/l #	6
95) Naphthalene	15.512	128	2005	2.78	ug/l #	69

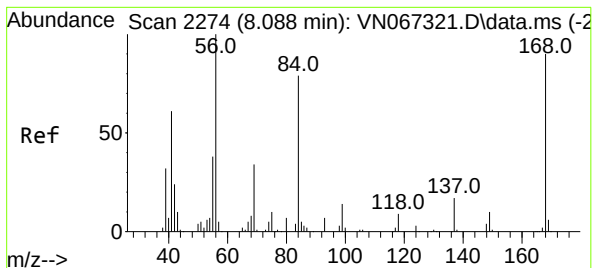
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 8.091 min Scan# 2275

Delta R.T. 0.003 min

Lab File: VN067422.D

Acq: 21 Jun 2021 17:26

Tgt Ion:168 Resp: 289901

Ion Ratio Lower Upper

168 100

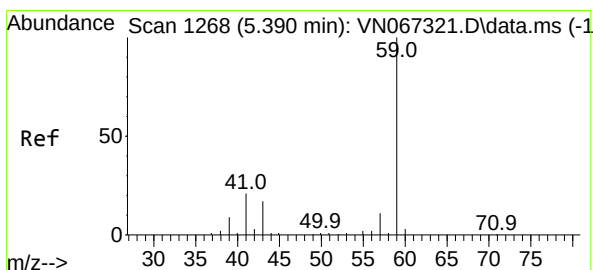
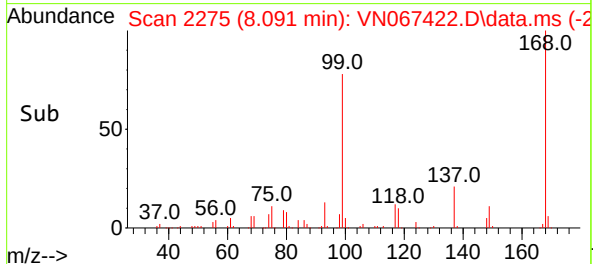
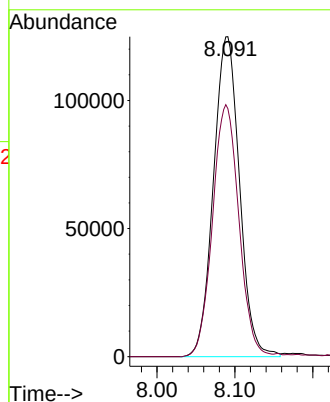
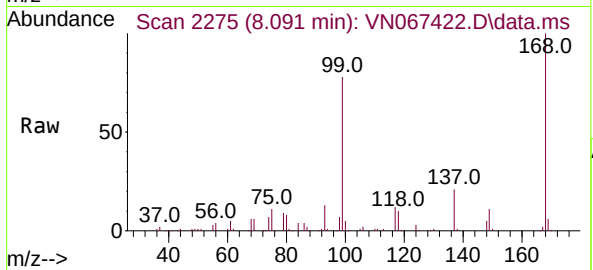
99 77.5 62.9 94.3

Instrument :

MSVOA_N

ClientSampleId :

SB-2-GW



#11

Tert butyl alcohol

Concen: 5.92 ug/l

RT: 5.388 min Scan# 1267

Delta R.T. -0.002 min

Lab File: VN067422.D

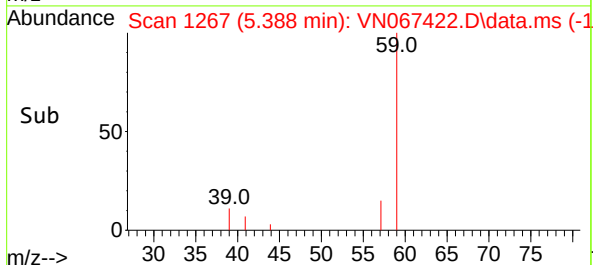
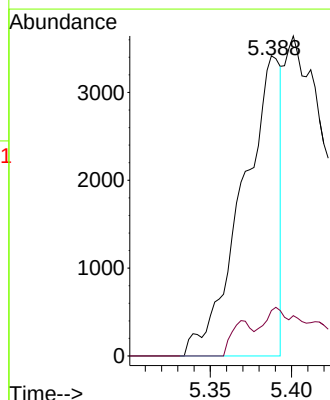
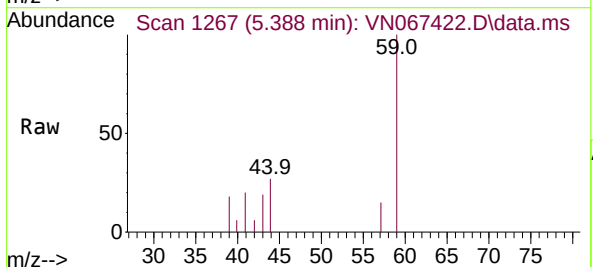
Acq: 21 Jun 2021 17:26

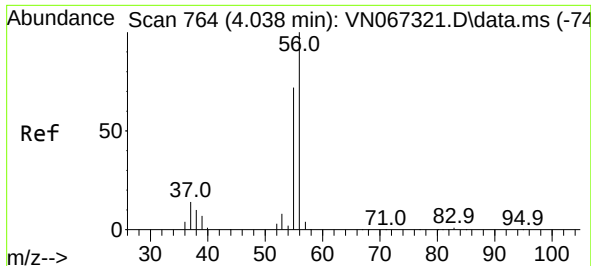
Tgt Ion: 59 Resp: 5569

Ion Ratio Lower Upper

59 100

57 6.4 8.7 13.1#

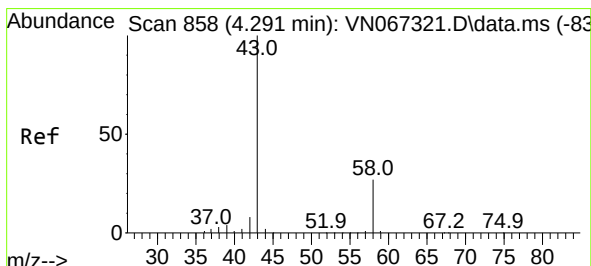
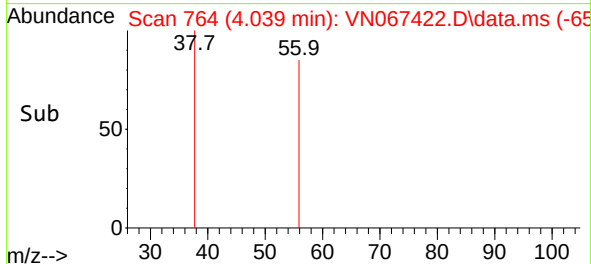
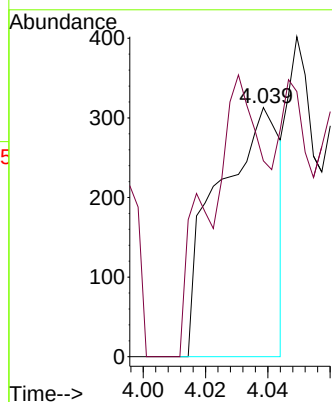
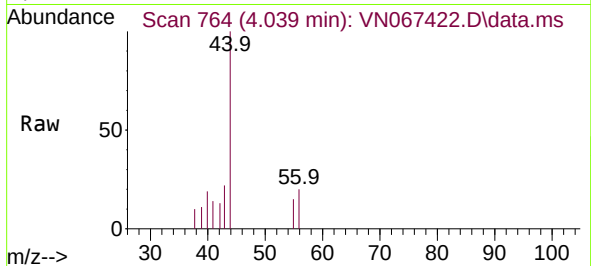




#13
Acrolein
Concen: 0.73 ug/l
RT: 4.039 min Scan# 764
Delta R.T. 0.001 min
Lab File: VN067422.D
Acq: 21 Jun 2021 17:26

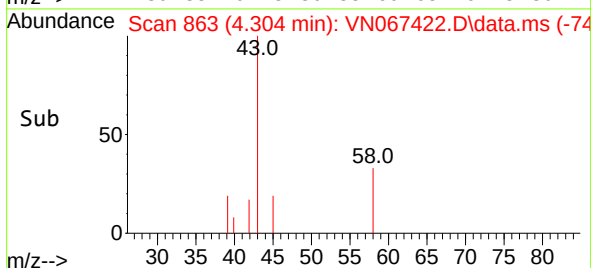
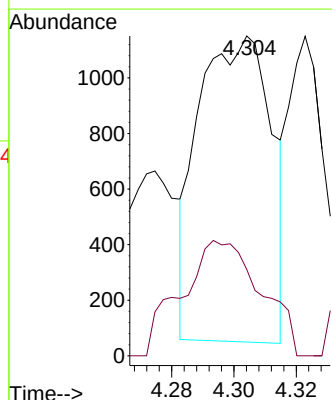
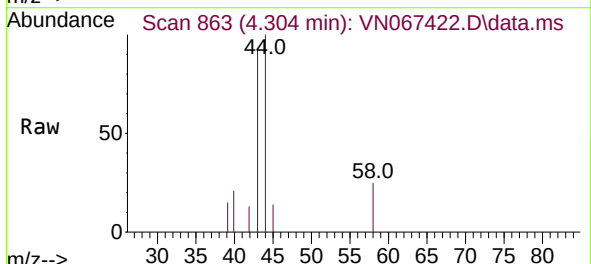
Instrument :
MSVOA_N
ClientSampleId :
SB-2-GW

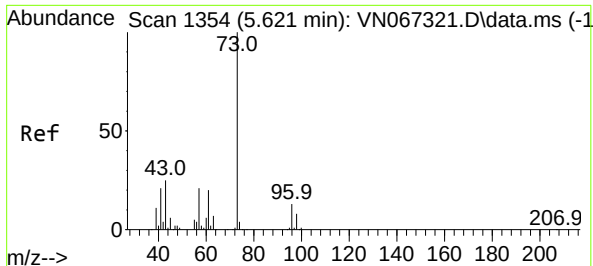
Tgt Ion: 56 Resp: 429
Ion Ratio Lower Upper
56 100
55 74.1 57.4 86.0



#16
Acetone
Concen: 0.81 ug/l
RT: 4.304 min Scan# 863
Delta R.T. 0.013 min
Lab File: VN067422.D
Acq: 21 Jun 2021 17:26

Tgt Ion: 43 Resp: 1775
Ion Ratio Lower Upper
43 100
58 19.9 21.2 31.8#

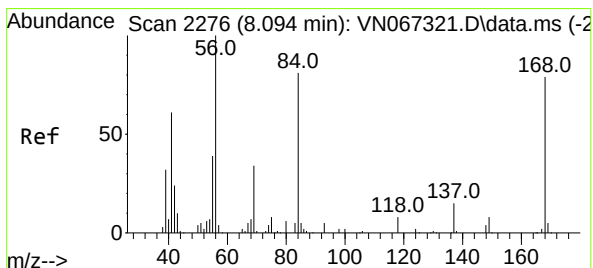
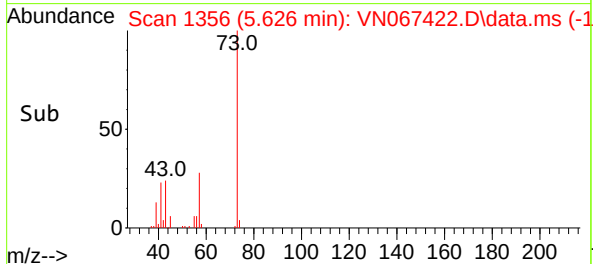
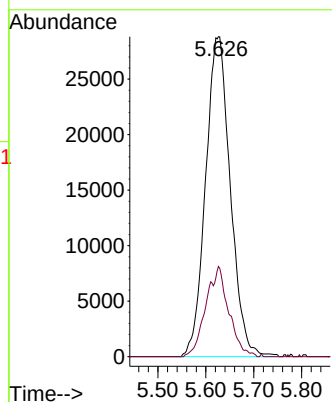
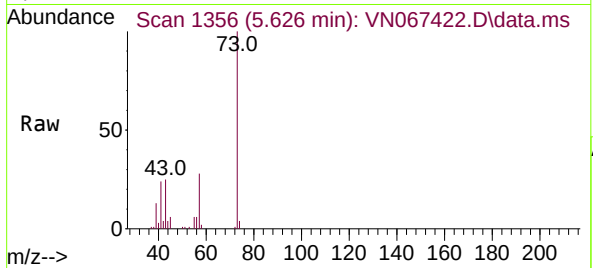




#19
Methyl tert-butyl Ether
Concen: 7.42 ug/l
RT: 5.626 min Scan# 1356
Delta R.T. 0.005 min
Lab File: VN067422.D
Acq: 21 Jun 2021 17:26

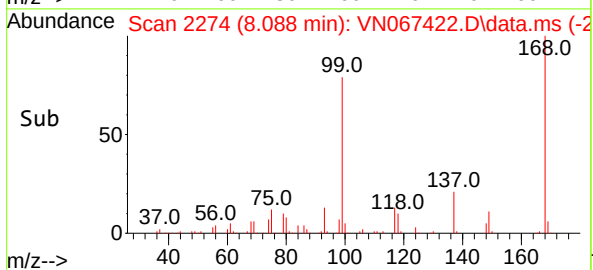
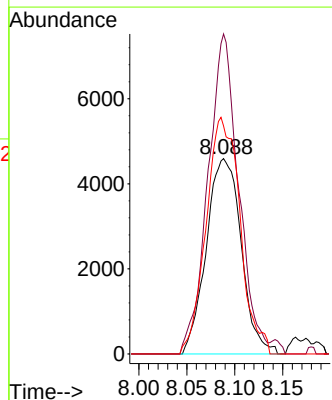
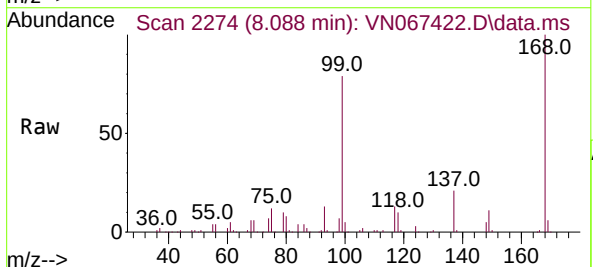
Instrument :
MSVOA_N
ClientSampled :
SB-2-GW

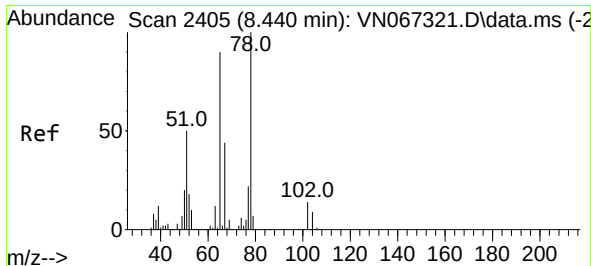
Tgt Ion: 73 Resp: 103509
Ion Ratio Lower Upper
73 100
57 28.2 17.0 25.6#



#31
Cyclohexane
Concen: 1.50 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.006 min
Lab File: VN067422.D
Acq: 21 Jun 2021 17:26

Tgt Ion: 56 Resp: 11627
Ion Ratio Lower Upper
56 100
69 163.8 27.3 40.9#
84 116.7 64.9 97.3#

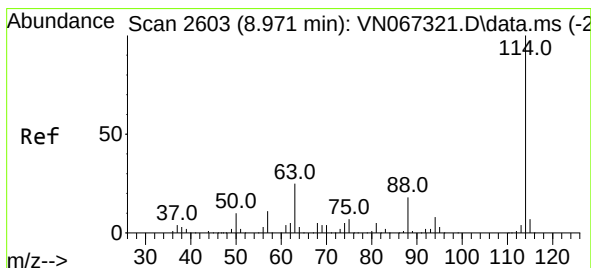
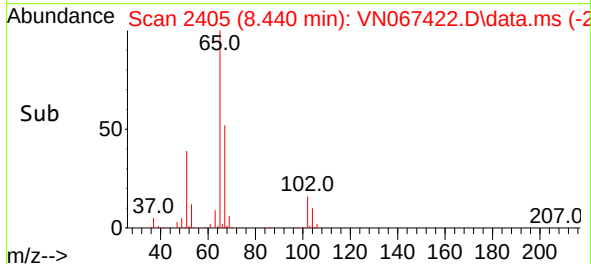
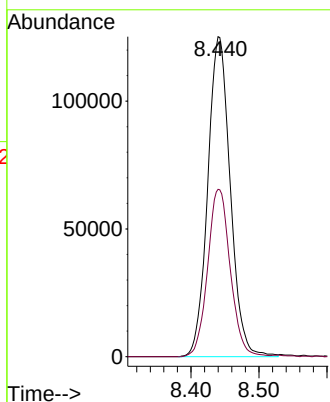
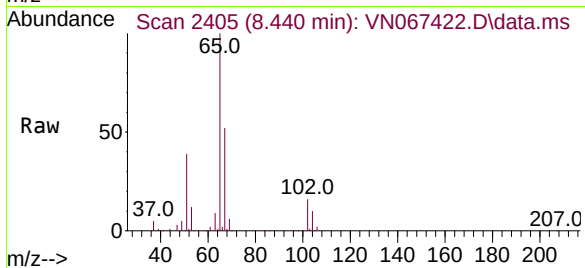




#33
 1,2-Dichloroethane-d4
 Concen: 50.48 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN067422.D
 Acq: 21 Jun 2021 17:26

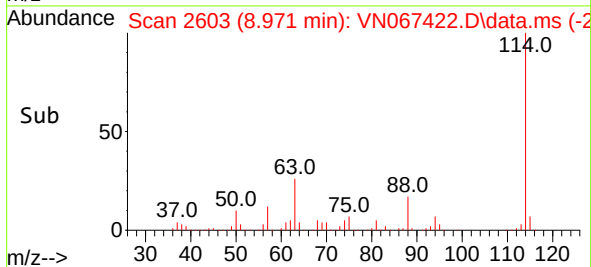
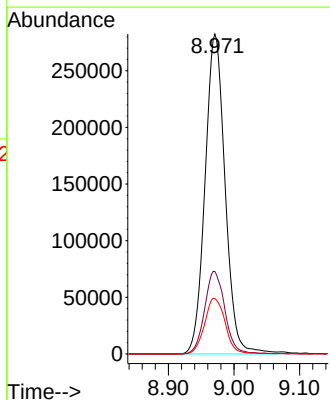
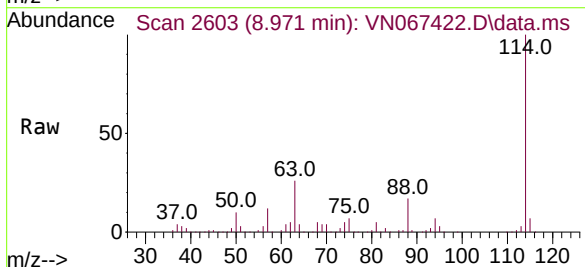
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-2-GW

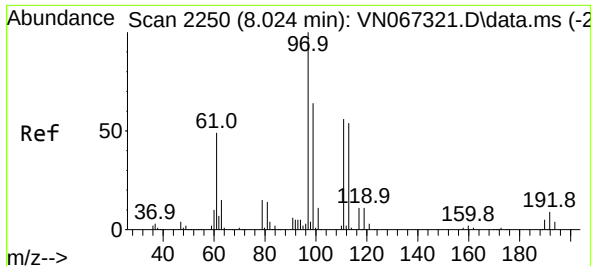
Tgt Ion: 65 Resp: 288699
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.000 min
 Lab File: VN067422.D
 Acq: 21 Jun 2021 17:26

Tgt Ion: 114 Resp: 599545
 Ion Ratio Lower Upper
 114 100
 63 25.8 0.0 49.0
 88 17.4 0.0 36.6

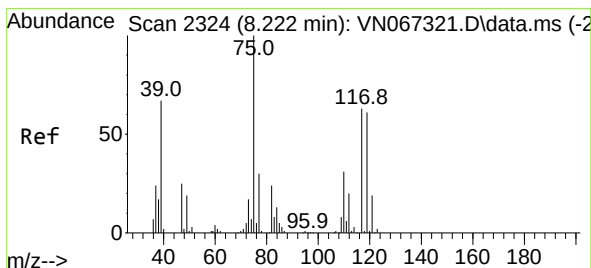
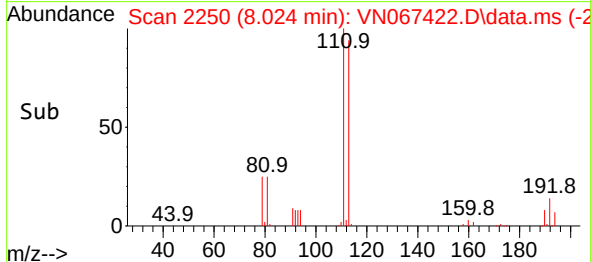
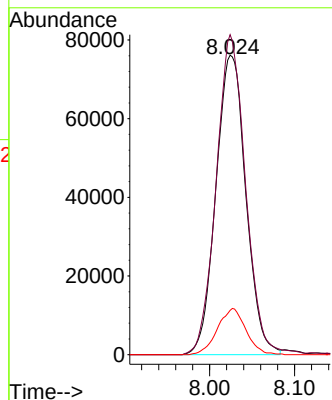
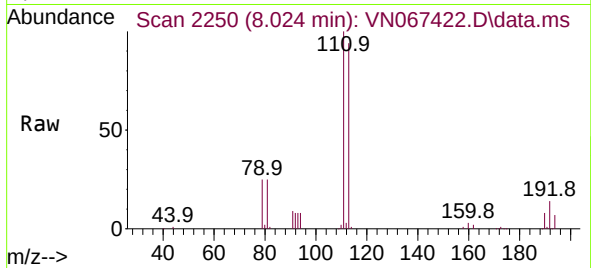




#35
Dibromofluoromethane
Concen: 46.77 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067422.D
Acq: 21 Jun 2021 17:26

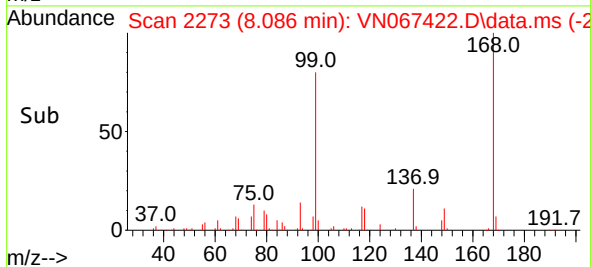
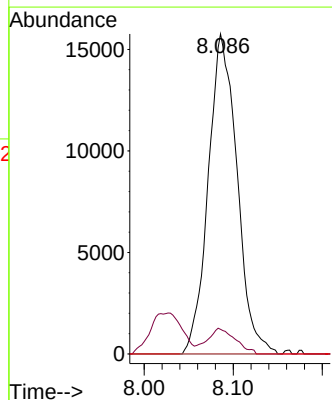
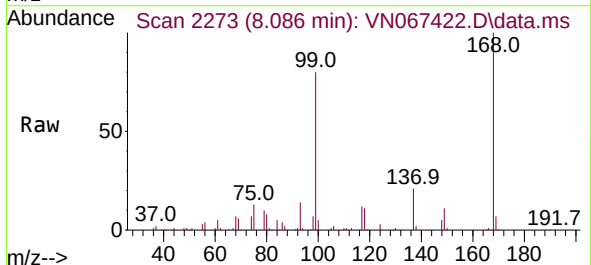
Instrument :
MSVOA_N
ClientSampleId :
SB-2-GW

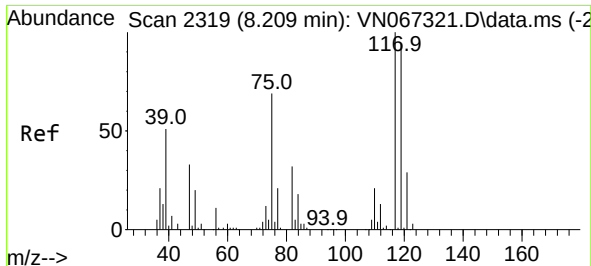
Tgt Ion:113 Resp: 186492
Ion Ratio Lower Upper
113 100
111 104.8 83.8 125.8
192 14.7 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.27 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.136 min
Lab File: VN067422.D
Acq: 21 Jun 2021 17:26

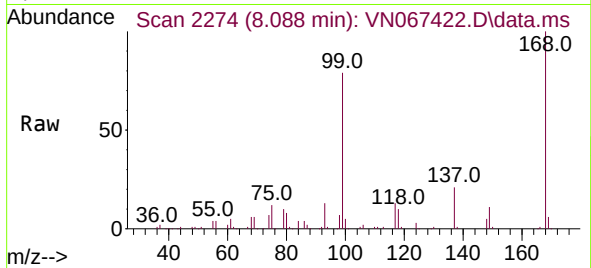
Tgt Ion: 75 Resp: 35391
Ion Ratio Lower Upper
75 100
110 7.7 15.7 47.0#
77 0.0 24.6 37.0#



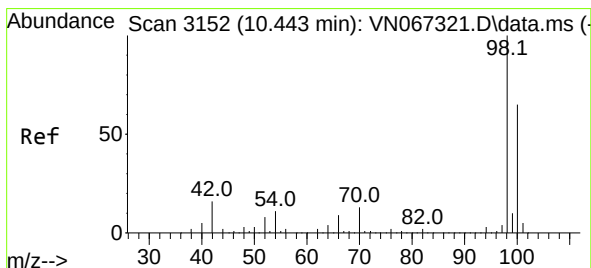
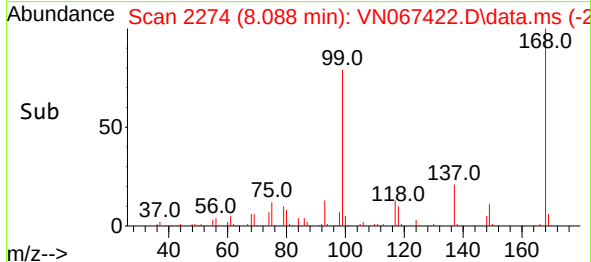
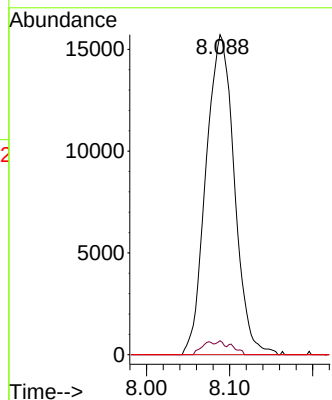


#38
Carbon Tetrachloride
Concen: 5.16 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN067422.D
Acq: 21 Jun 2021 17:26

Instrument :
MSVOA_N
ClientSampleId :
SB-2-GW

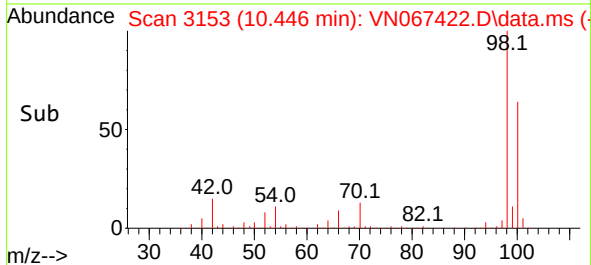
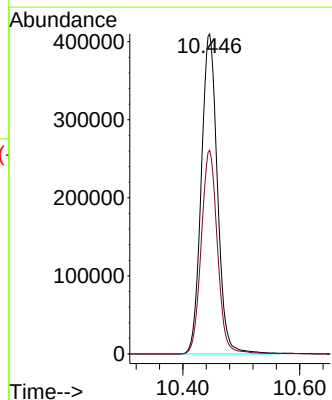
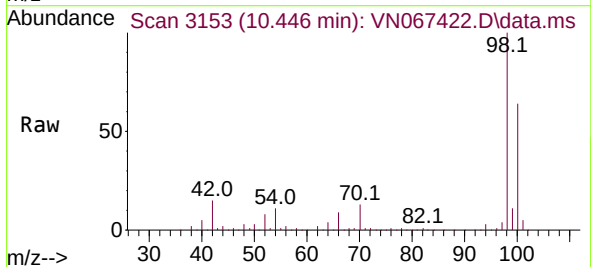


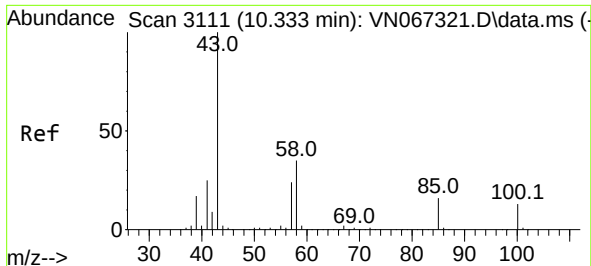
Tgt Ion:117 Resp: 37311
Ion Ratio Lower Upper
117 100
119 4.3 75.4 113.2#
121 0.0 23.5 35.3#



#50
Toluene-d8
Concen: 51.62 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067422.D
Acq: 21 Jun 2021 17:26

Tgt Ion: 98 Resp: 788904
Ion Ratio Lower Upper
98 100
100 63.6 51.7 77.5

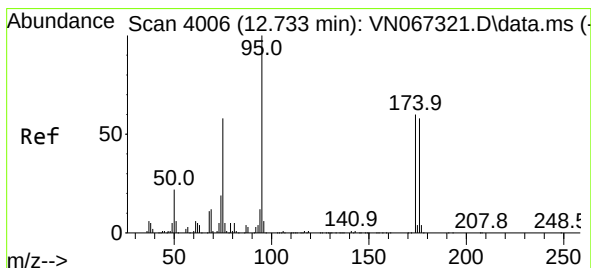
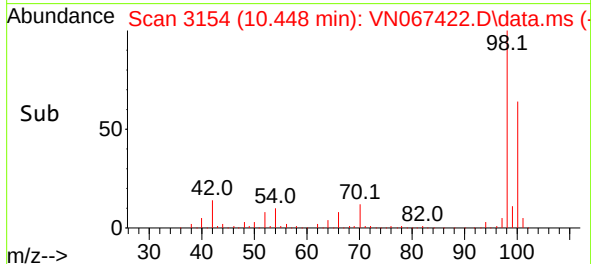
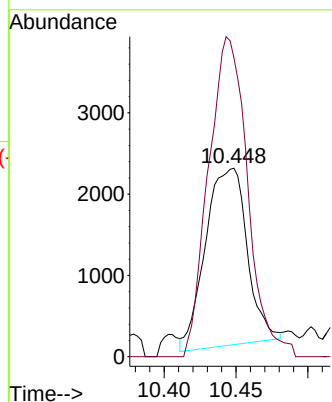
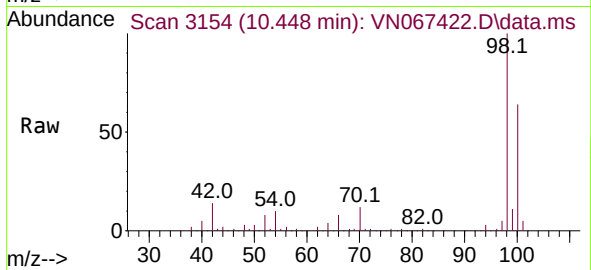




#51
4-Methyl-2-Pentanone
Concen: 0.60 ug/l
RT: 10.448 min Scan# 3154
Delta R.T. 0.115 min
Lab File: VN067422.D
Acq: 21 Jun 2021 17:26

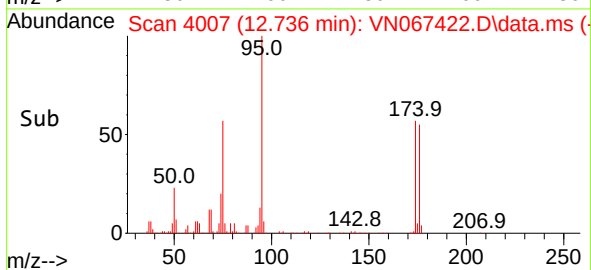
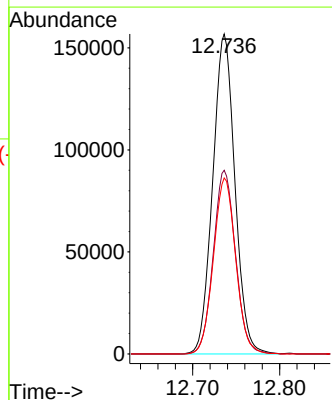
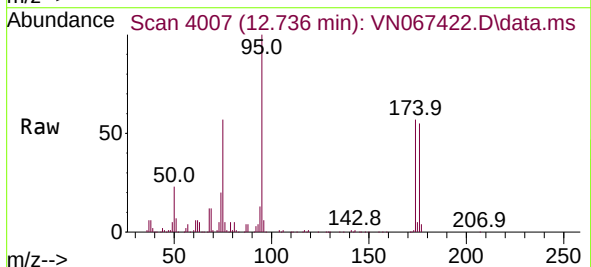
Instrument :
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SB-2-GW

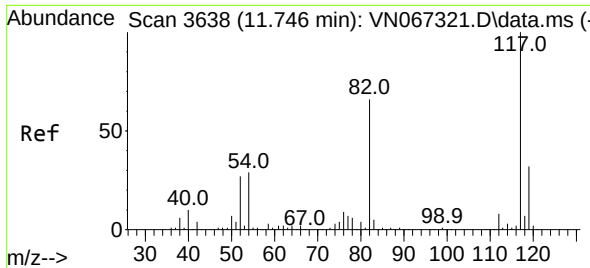
Tgt Ion: 43 Resp: 4401
Ion Ratio Lower Upper
43 100
58 169.1 28.6 43.0#



#62
4-Bromofluorobenzene
Concen: 44.13 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067422.D
Acq: 21 Jun 2021 17:26

Tgt Ion: 95 Resp: 278332
Ion Ratio Lower Upper
95 100
174 57.4 0.0 122.0
176 55.2 0.0 117.6

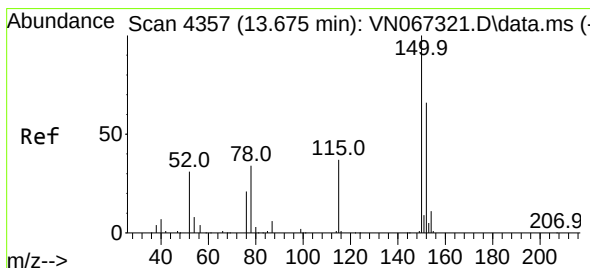
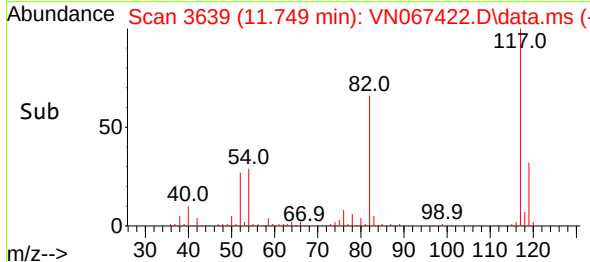
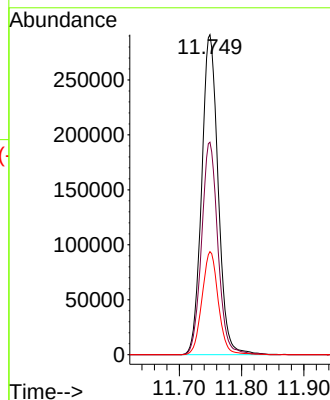
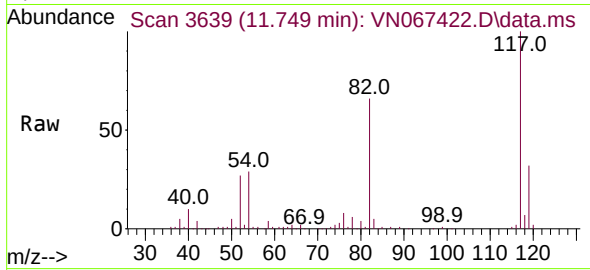




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067422.D
Acq: 21 Jun 2021 17:26

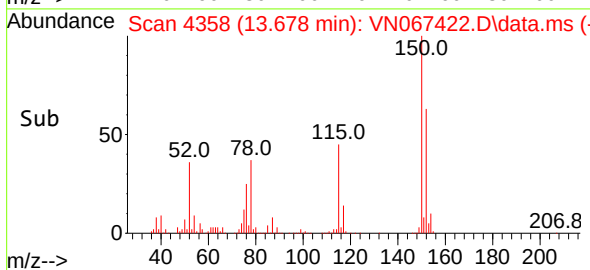
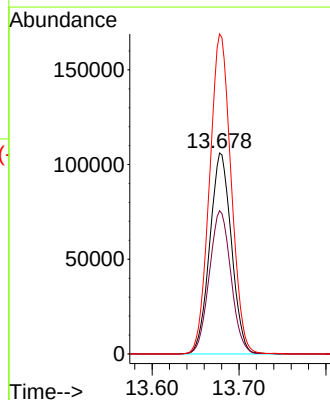
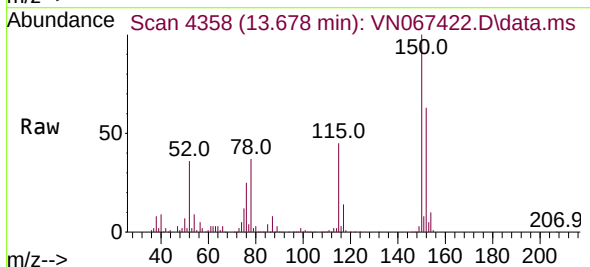
Instrument :
MSVOA_N
ClientSampleId :
SB-2-GW

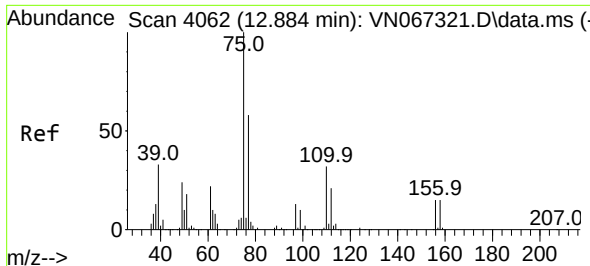
Tgt Ion:117 Resp: 534396
Ion Ratio Lower Upper
117 100
82 66.4 53.1 79.7
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067422.D
Acq: 21 Jun 2021 17:26

Tgt Ion:152 Resp: 183587
Ion Ratio Lower Upper
152 100
115 71.4 36.1 108.5
150 158.6 0.0 351.8

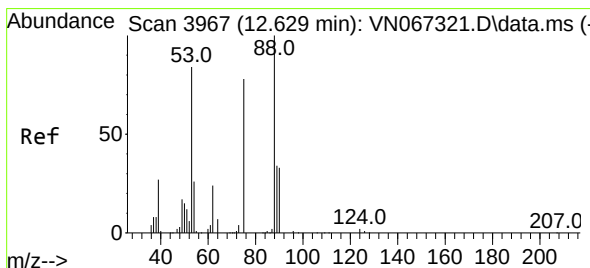
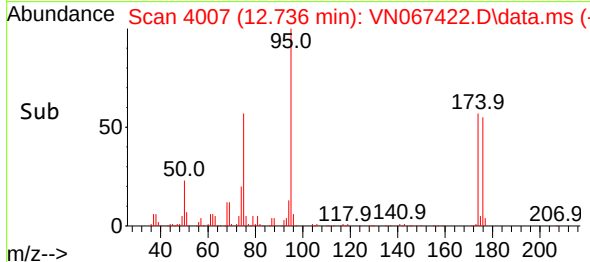
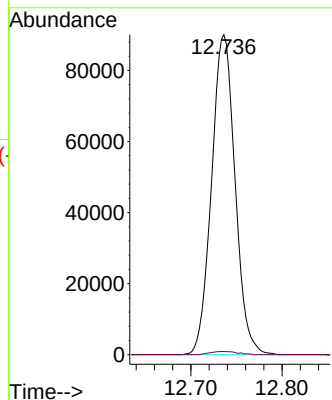
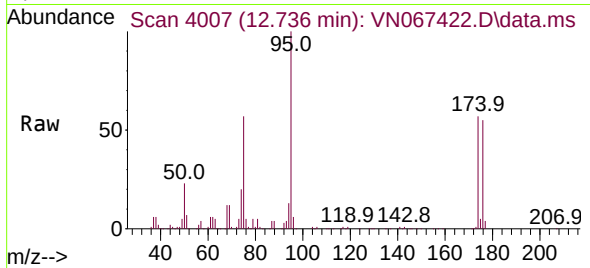




#76
1,2,3-Trichloropropane
Concen: 33.82 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. -0.148 min
Lab File: VN067422.D
Acq: 21 Jun 2021 17:26

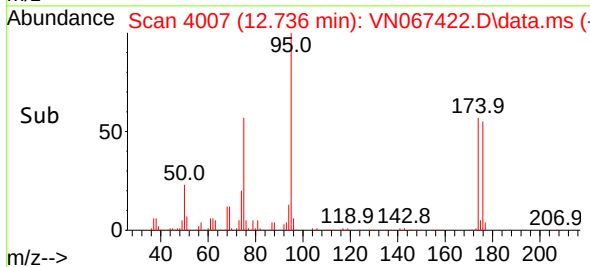
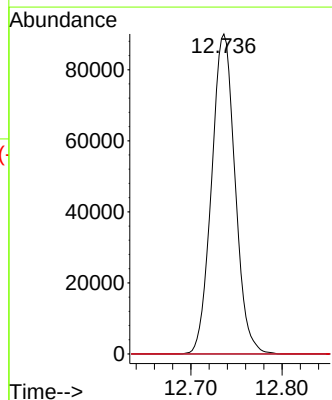
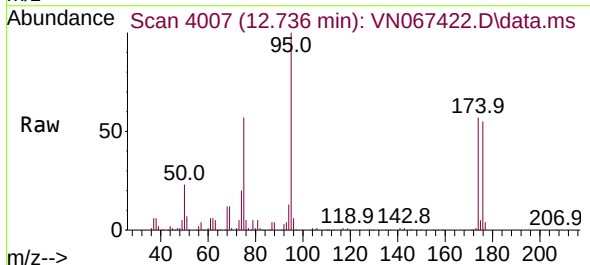
Instrument :
MSVOA_N
ClientSampled :
SB-2-GW

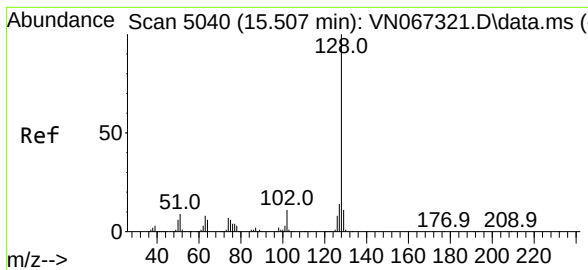
Tgt Ion: 75 Resp: 161218
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.81 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.107 min
Lab File: VN067422.D
Acq: 21 Jun 2021 17:26

Tgt Ion: 75 Resp: 161218
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#





#95
Naphthalene
Concen: 2.78 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN067422.D
Acq: 21 Jun 2021 17:26

Instrument :
MSVOA_N
ClientSampleId :
SB-2-GW

Tgt Ion:128 Resp: 2005
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 12.8#

