

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062121\
 Data File : VN067423.D
 Acq On : 21 Jun 2021 17:51
 Operator : JC/MD
 Sample : M2799-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-8

Quant Time: Jun 22 03:12:23 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	284345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	591919	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	504710	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	161133	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	283572	50.55	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.10%
35) Dibromofluoromethane	8.024	113	182001	46.23	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.46%
50) Toluene-d8	10.446	98	766041	50.77	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.54%
62) 4-Bromofluorobenzene	12.736	95	251920	40.46	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	80.92%

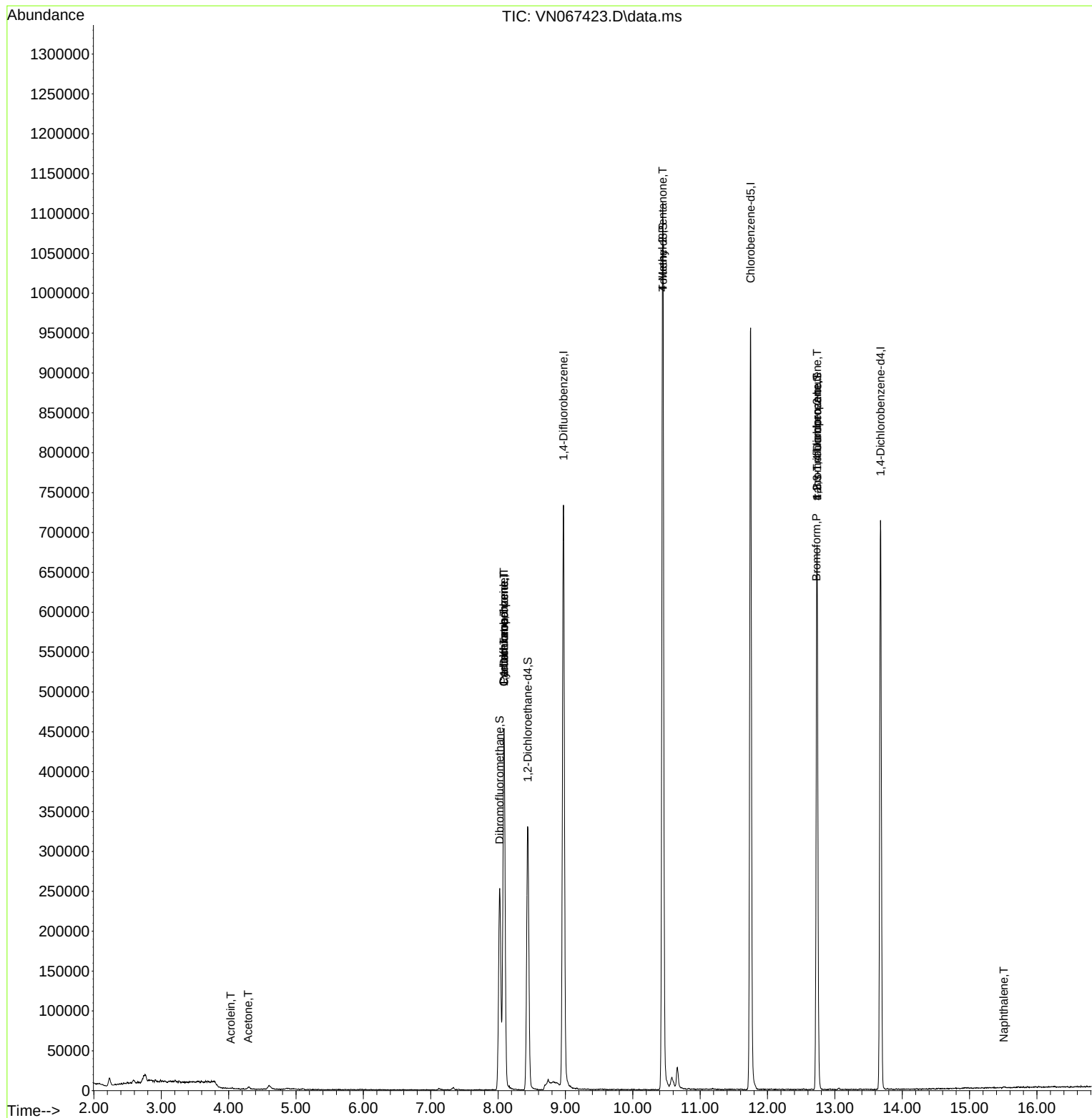
Target Compounds						Qvalue
13) Acrolein	4.031	56	410	0.71	ug/l #	53
16) Acetone	4.288	43	1834	0.85	ug/l #	81
31) Cyclohexane	8.086	56	10939	1.43	ug/l #	28
36) 1,1-Dichloropropene	8.086	75	34687	5.23	ug/l #	50
38) Carbon Tetrachloride	8.086	117	36535	5.12	ug/l #	15
51) 4-Methyl-2-Pentanone	10.443	43	4337	0.60	ug/l #	1
71) Bromoform	12.728	173	683	0.22	ug/l #	29
76) 1,2,3-Trichloropropane	12.736	75	147253	35.19	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.736	75	147253	87.22	ug/l #	6
95) Naphthalene	15.507	128	430	2.65	ug/l #	86

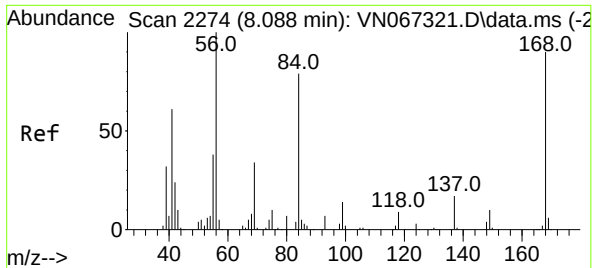
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 22 03:12:23 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

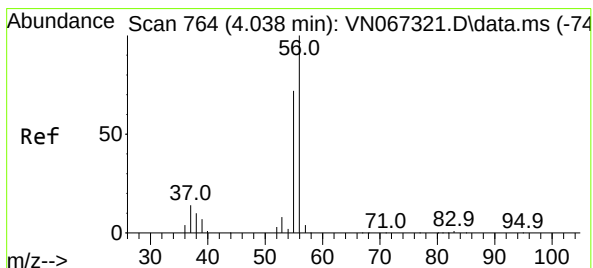
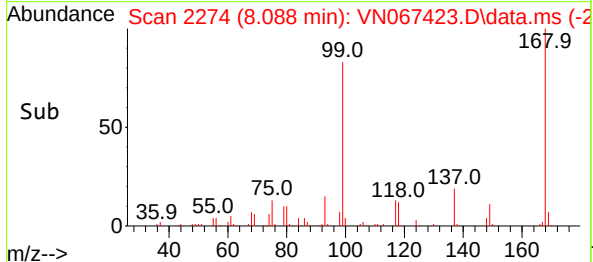
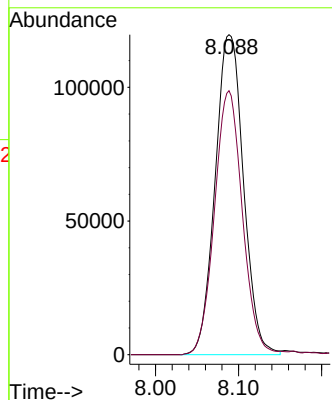
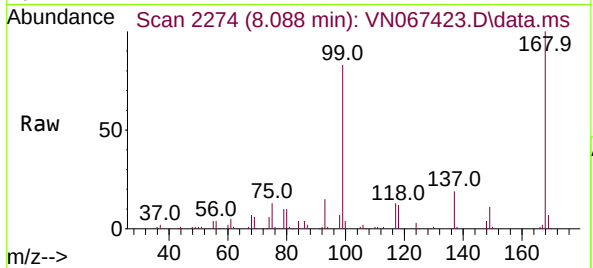




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067423.D
Acq: 21 Jun 2021 17:51

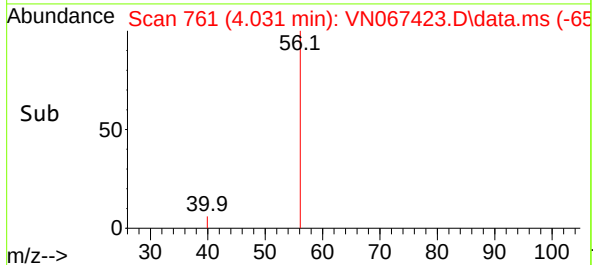
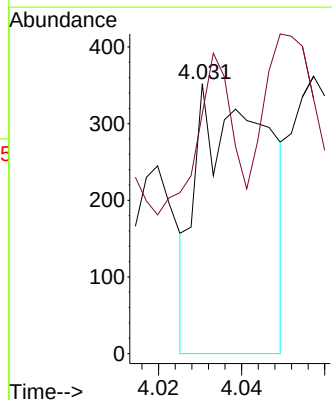
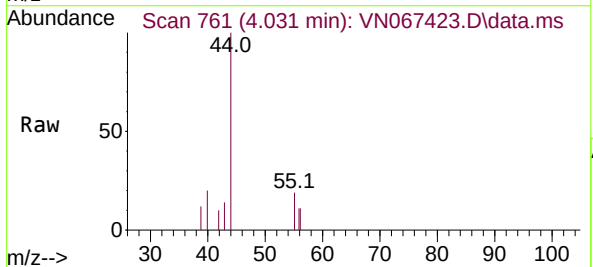
Instrument :
MSVOA_N
ClientSampled :
MW-8

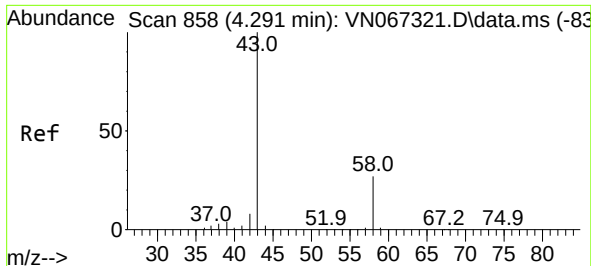
Tgt Ion:168 Resp: 284345
Ion Ratio Lower Upper
168 100
99 82.5 62.9 94.3



#13
Acrolein
Concen: 0.71 ug/l
RT: 4.031 min Scan# 761
Delta R.T. -0.008 min
Lab File: VN067423.D
Acq: 21 Jun 2021 17:51

Tgt Ion: 56 Resp: 410
Ion Ratio Lower Upper
56 100
55 32.7 57.4 86.0#

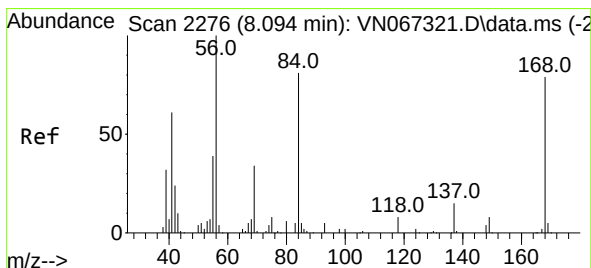
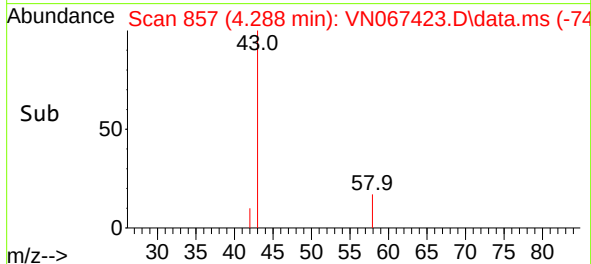
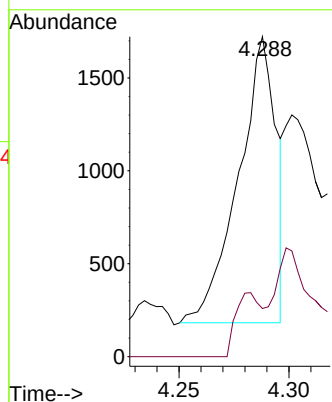
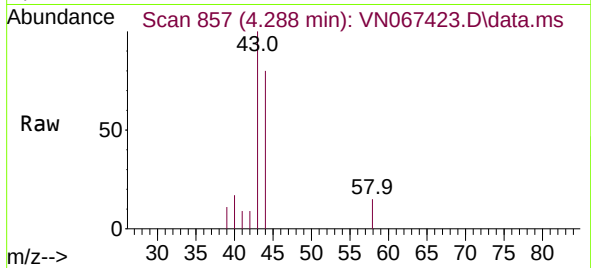




#16
Acetone
Concen: 0.85 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN067423.D
Acq: 21 Jun 2021 17:51

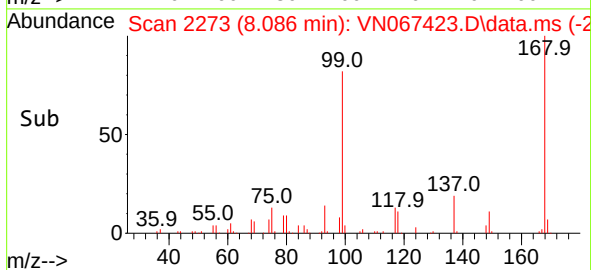
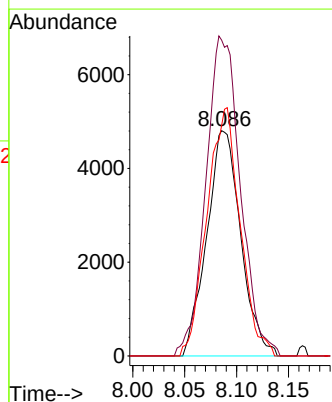
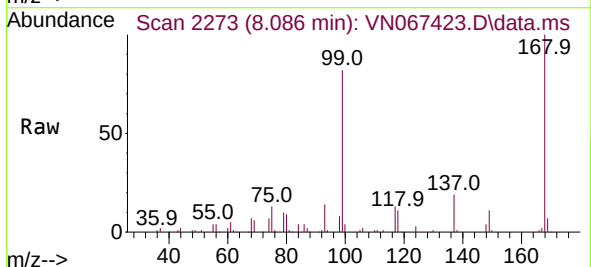
Instrument :
MSVOA_N
ClientSampled :
MW-8

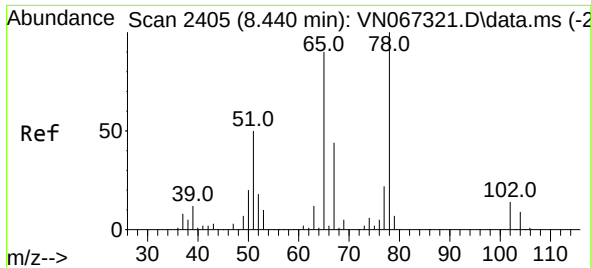
Tgt Ion: 43 Resp: 1834
Ion Ratio Lower Upper
43 100
58 16.8 21.2 31.8#



#31
Cyclohexane
Concen: 1.43 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.008 min
Lab File: VN067423.D
Acq: 21 Jun 2021 17:51

Tgt Ion: 56 Resp: 10939
Ion Ratio Lower Upper
56 100
69 140.2 27.3 40.9#
84 102.4 64.9 97.3#

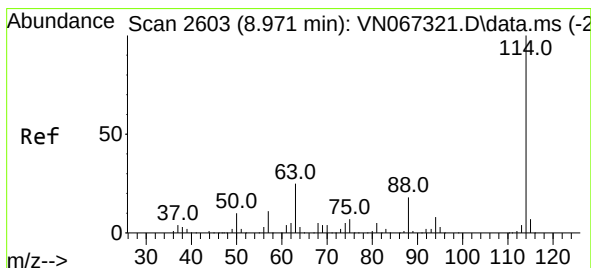
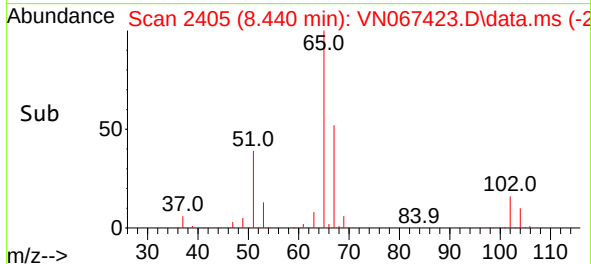
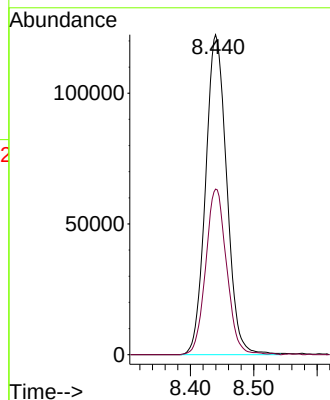
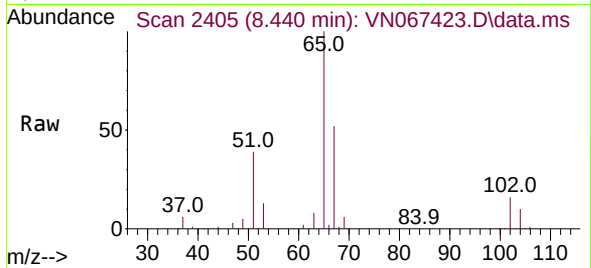




#33
 1,2-Dichloroethane-d4
 Concen: 50.55 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN067423.D
 Acq: 21 Jun 2021 17:51

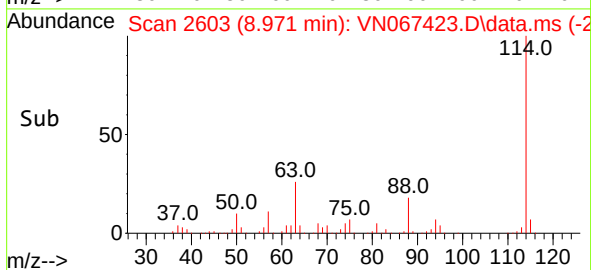
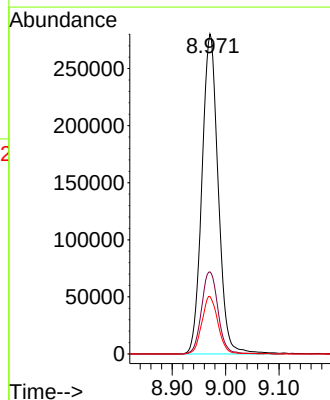
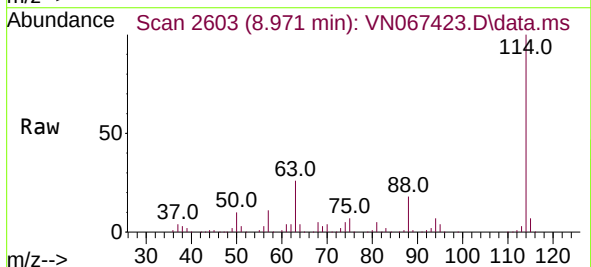
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-8

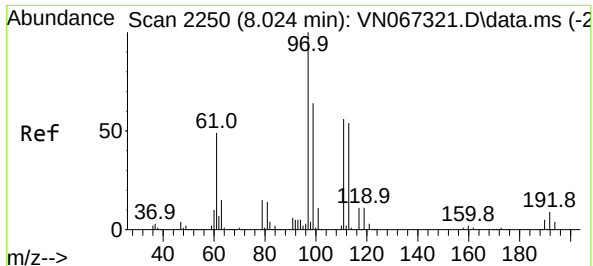
Tgt Ion: 65 Resp: 283572
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.000 min
 Lab File: VN067423.D
 Acq: 21 Jun 2021 17:51

Tgt Ion: 114 Resp: 591919
 Ion Ratio Lower Upper
 114 100
 63 25.7 0.0 49.0
 88 17.9 0.0 36.6

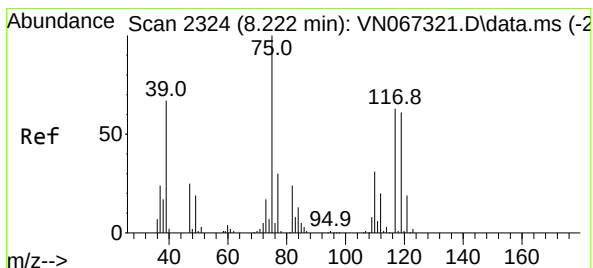
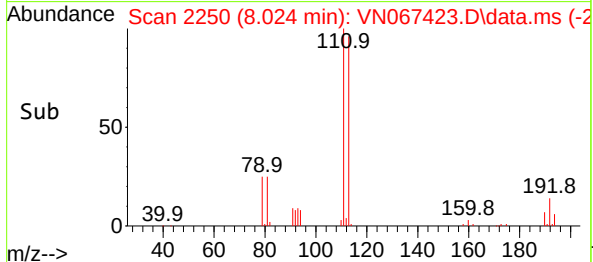
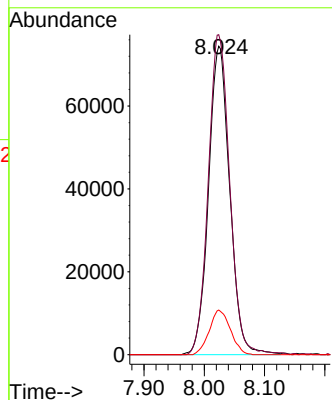
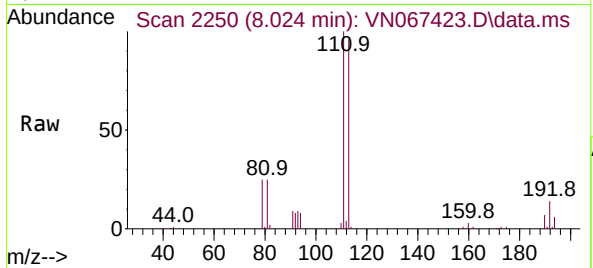




#35
Dibromofluoromethane
Concen: 46.23 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067423.D
Acq: 21 Jun 2021 17:51

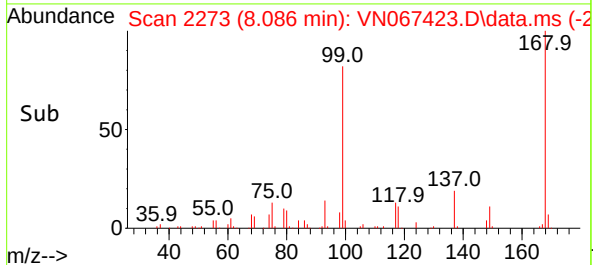
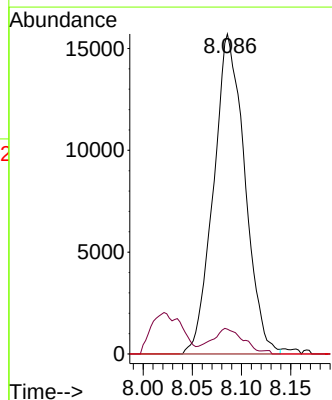
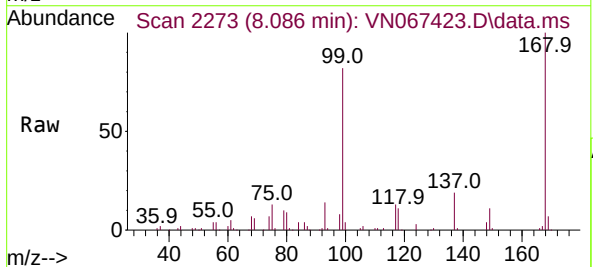
Instrument :
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ClientSampleId :
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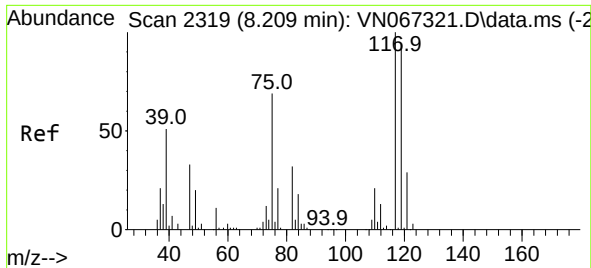
Tgt Ion:113 Resp: 182001
Ion Ratio Lower Upper
113 100
111 104.2 83.8 125.8
192 14.4 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.23 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.136 min
Lab File: VN067423.D
Acq: 21 Jun 2021 17:51

Tgt Ion: 75 Resp: 34687
Ion Ratio Lower Upper
75 100
110 6.7 15.7 47.0#
77 0.0 24.6 37.0#

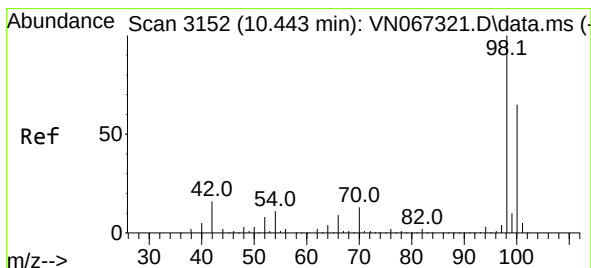
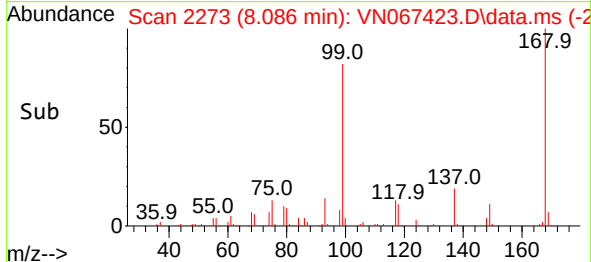
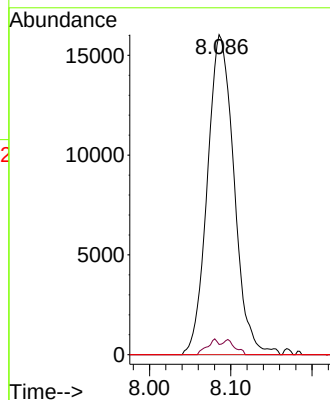
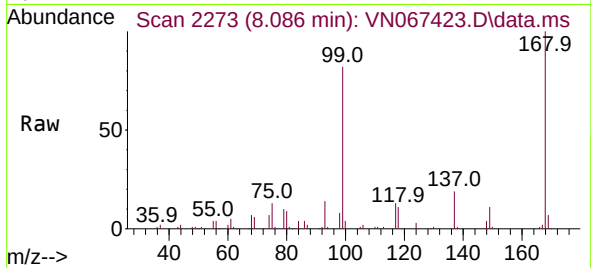




#38
Carbon Tetrachloride
Concen: 5.12 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.123 min
Lab File: VN067423.D
Acq: 21 Jun 2021 17:51

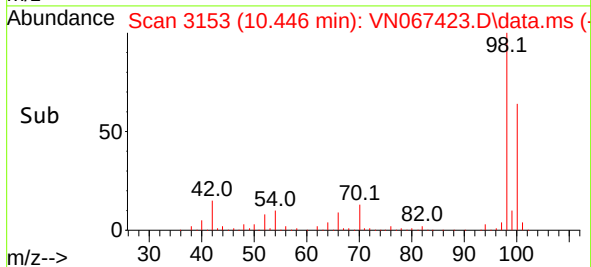
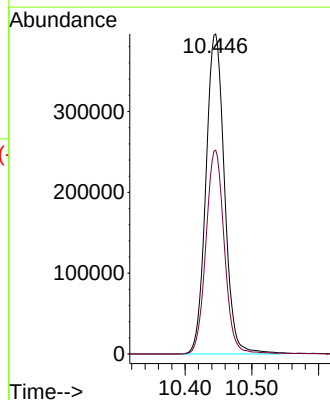
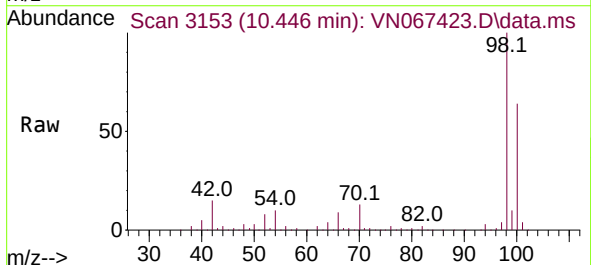
Instrument :
MSVOA_N
ClientSampled :
MW-8

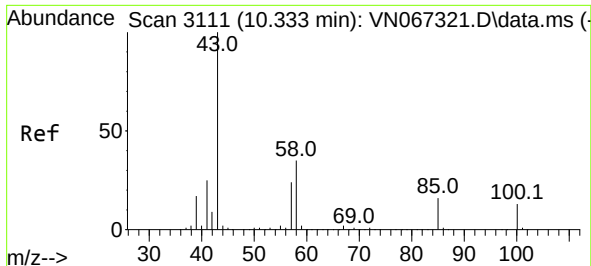
Tgt Ion:117 Resp: 36535
Ion Ratio Lower Upper
117 100
119 3.2 75.4 113.2#
121 0.0 23.5 35.3#



#50
Toluene-d8
Concen: 50.77 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067423.D
Acq: 21 Jun 2021 17:51

Tgt Ion: 98 Resp: 766041
Ion Ratio Lower Upper
98 100
100 63.0 51.7 77.5

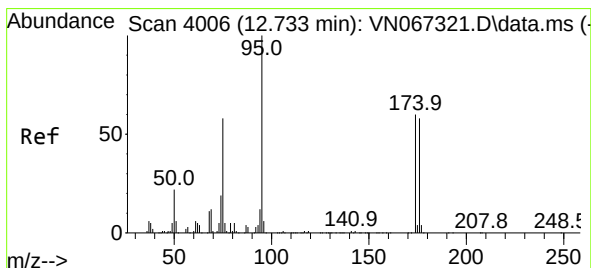
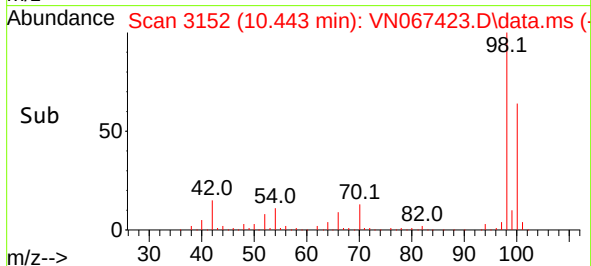
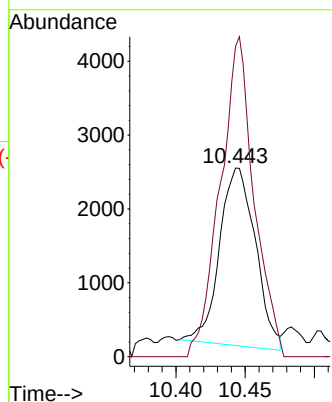
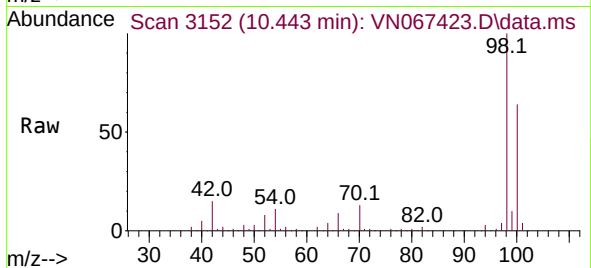




#51
4-Methyl-2-Pentanone
Concen: 0.60 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.110 min
Lab File: VN067423.D
Acq: 21 Jun 2021 17:51

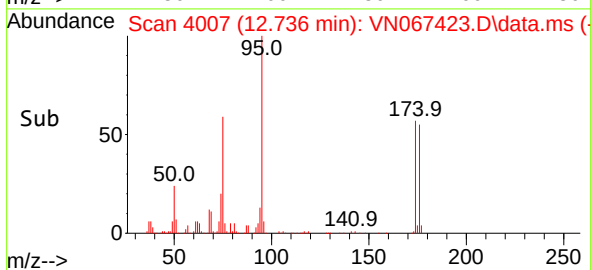
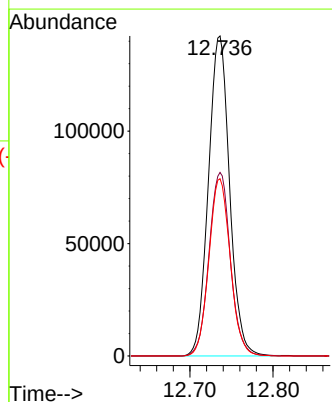
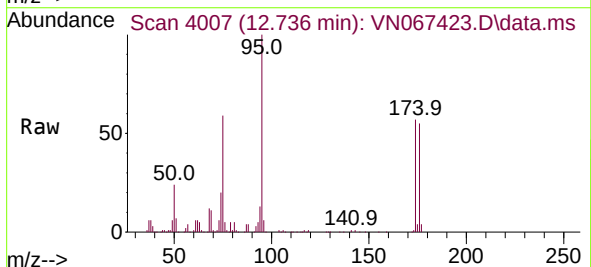
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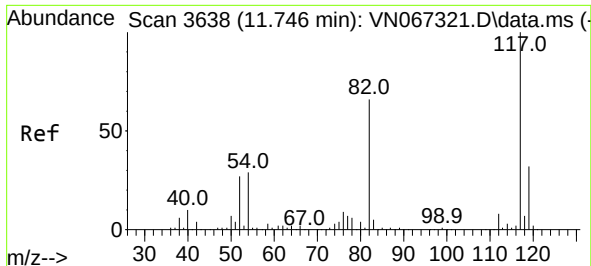
Tgt Ion: 43 Resp: 4337
Ion Ratio Lower Upper
43 100
58 169.7 28.6 43.0#



#62
4-Bromofluorobenzene
Concen: 40.46 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067423.D
Acq: 21 Jun 2021 17:51

Tgt Ion: 95 Resp: 251920
Ion Ratio Lower Upper
95 100
174 58.0 0.0 122.0
176 55.9 0.0 117.6

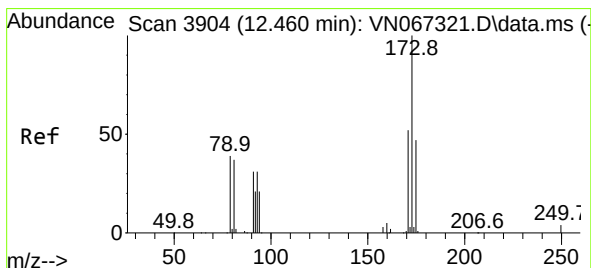
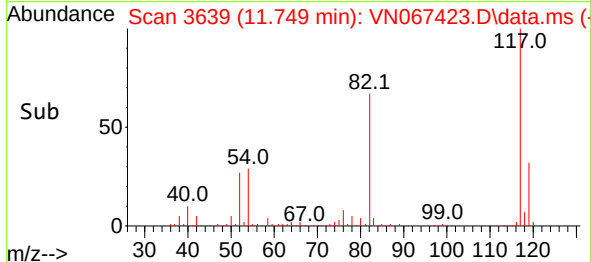
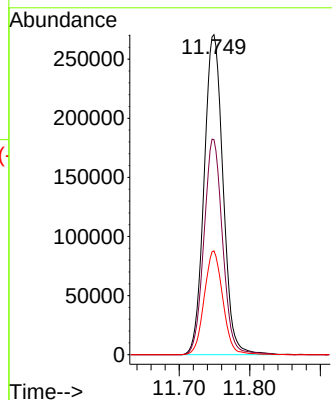
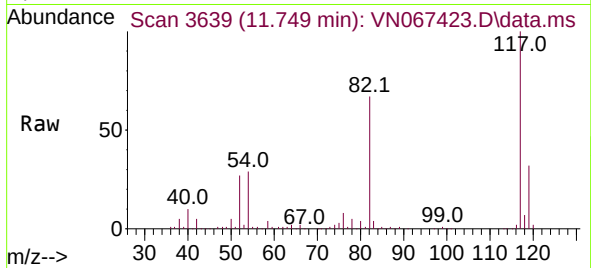




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067423.D
Acq: 21 Jun 2021 17:51

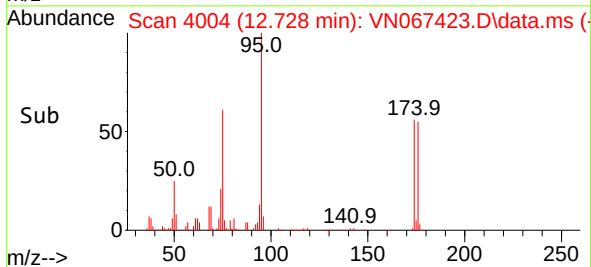
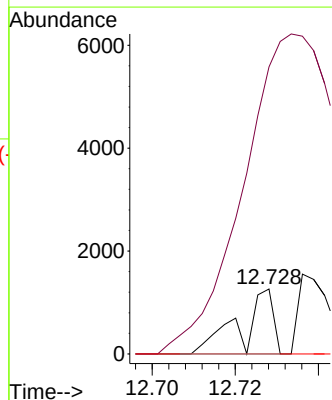
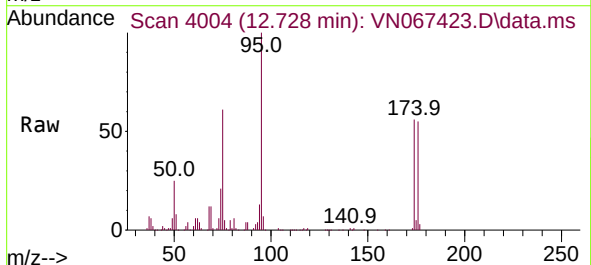
Instrument :
MSVOA_N
ClientSampled :
MW-8

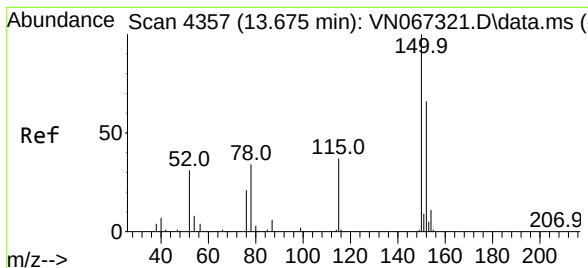
Tgt Ion:117 Resp: 504710
Ion Ratio Lower Upper
117 100
82 67.2 53.1 79.7
119 32.4 25.5 38.3



#71
Bromoform
Concen: 0.22 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.268 min
Lab File: VN067423.D
Acq: 21 Jun 2021 17:51

Tgt Ion:173 Resp: 683
Ion Ratio Lower Upper
173 100
175 0.0 23.9 71.8#
254 0.0 0.0 0.0

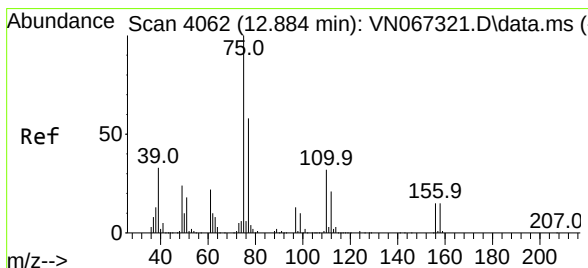
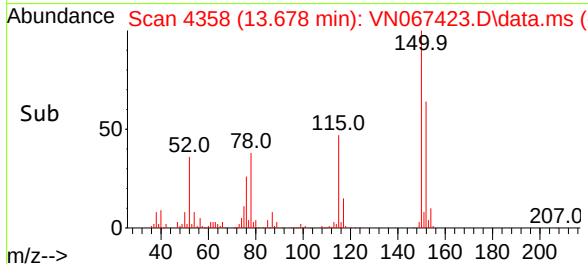
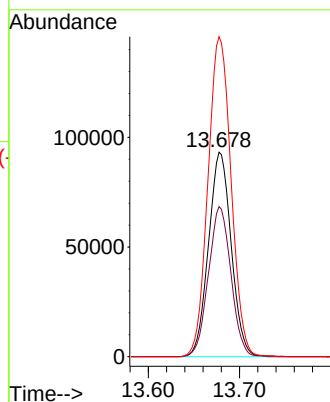
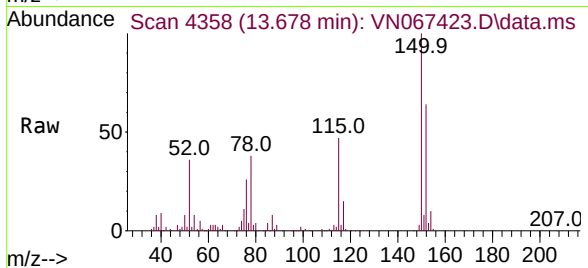




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067423.D
Acq: 21 Jun 2021 17:51

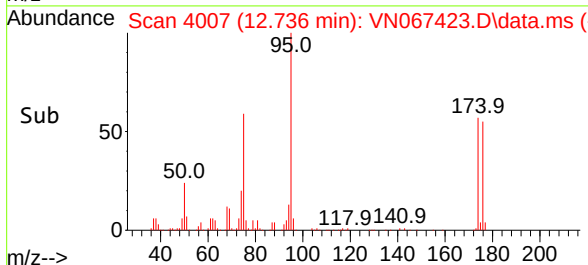
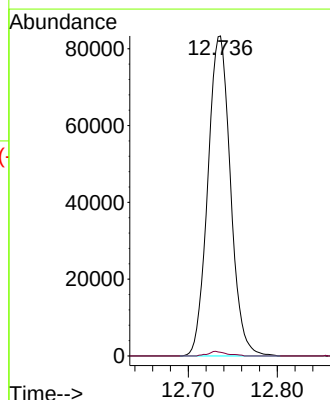
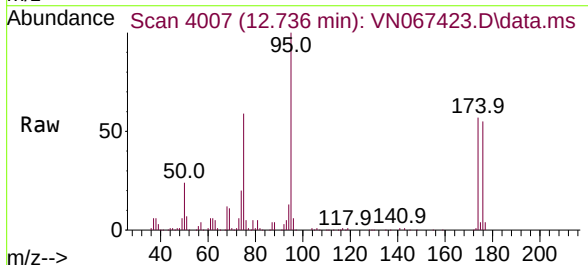
Instrument :
MSVOA_N
ClientSampled :
MW-8

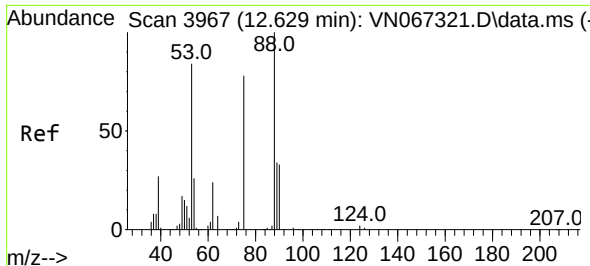
Tgt Ion:152 Resp: 161133
Ion Ratio Lower Upper
152 100
115 72.7 36.1 108.5
150 159.6 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 35.19 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. -0.148 min
Lab File: VN067423.D
Acq: 21 Jun 2021 17:51

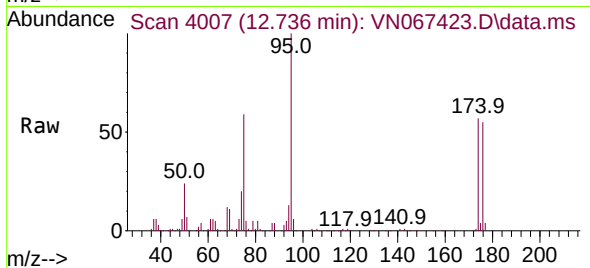
Tgt Ion: 75 Resp: 147253
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



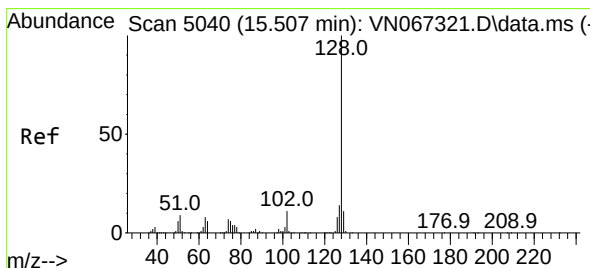
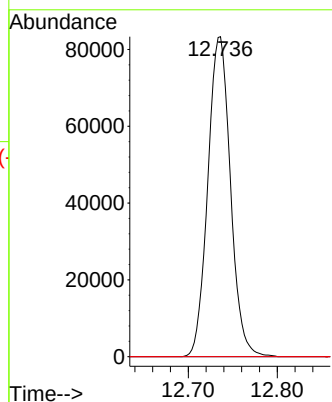
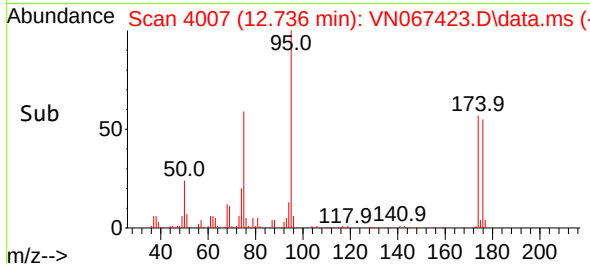


#81
trans-1,4-Dichloro-2-butene
Concen: 87.22 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.107 min
Lab File: VN067423.D
Acq: 21 Jun 2021 17:51

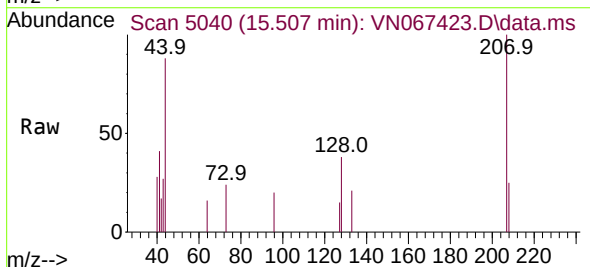
Instrument :
MSVOA_N
ClientSampled :
MW-8



Tgt Ion: 75 Resp: 147253
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#95
Naphthalene
Concen: 2.65 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN067423.D
Acq: 21 Jun 2021 17:51



Tgt Ion: 128 Resp: 430
Ion Ratio Lower Upper
128 100
127 12.3 10.6 15.8
129 0.0 8.6 12.8#

