

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062421\
 Data File : VN067489.D
 Acq On : 24 Jun 2021 17:43
 Operator : JC/MD
 Sample : M2804-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BPOW1-8-20210621

Quant Time: Jun 25 02:15:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 24 12:18:45 2021
 Response via : Initial Calibration

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

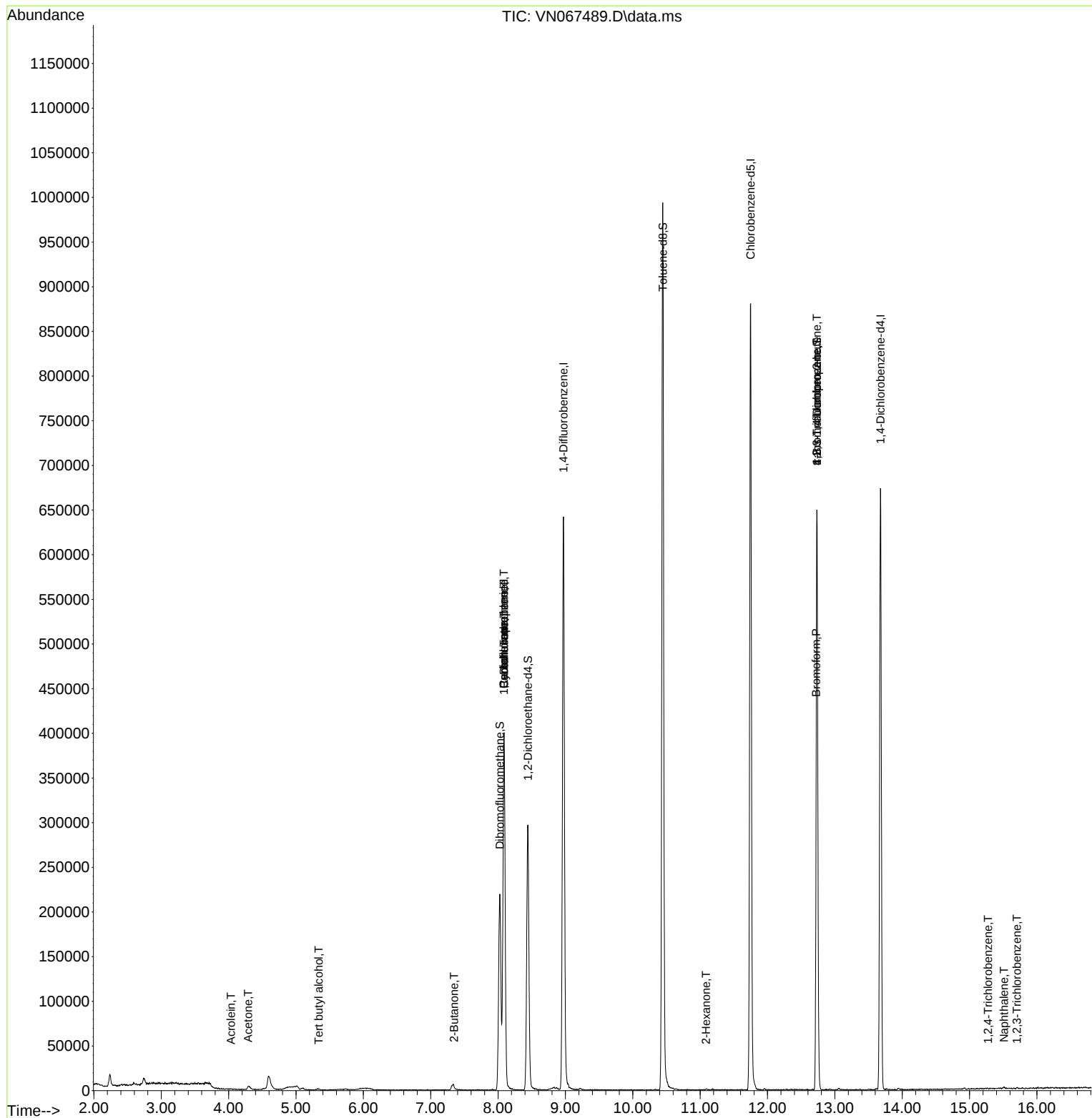
Internal Standards						
1) Pentafluorobenzene	8.088	168	243225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	512870	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	461425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	153869	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	242775	48.77	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.54%		
35) Dibromofluoromethane	8.027	113	158686	50.22	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.44%		
50) Toluene-d8	10.446	98	694712	51.55	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.10%		
62) 4-Bromofluorobenzene	12.734	95	233764	48.69	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.38%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.337	59	401	0.49	ug/l #	71
13) Acrolein	4.033	56	158	0.23	ug/l #	14
16) Acetone	4.291	43	3999	2.10	ug/l	93
25) 2-Butanone	7.348	43	647	0.22	ug/l #	51
31) Cyclohexane	8.088	56	8969	1.13	ug/l #	4
36) 1,1-Dichloropropene	8.086	75	29439	5.10	ug/l #	50
38) Carbon Tetrachloride	8.088	117	31473	6.40	ug/l #	16
59) 2-Hexanone	11.087	43	947	0.22	ug/l	67
71) Bromoform	12.723	173	334	2.78	ug/l #	1
76) 1,2,3-Trichloropropane	12.734	75	139275	30.75	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.734	75	139275	84.15	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.273	180	316	2.45	ug/l #	80
95) Naphthalene	15.509	128	2155	3.57	ug/l #	70
96) 1,2,3-Trichlorobenzene	15.703	180	330	2.65	ug/l #	67

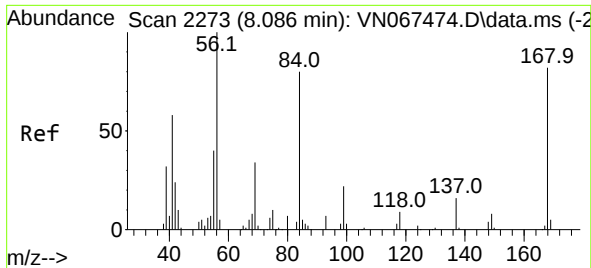
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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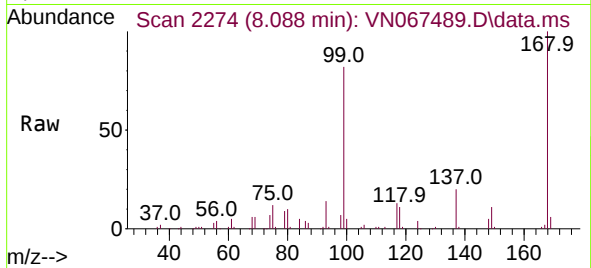
Quant Time: Jun 25 02:15:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 24 12:18:45 2021
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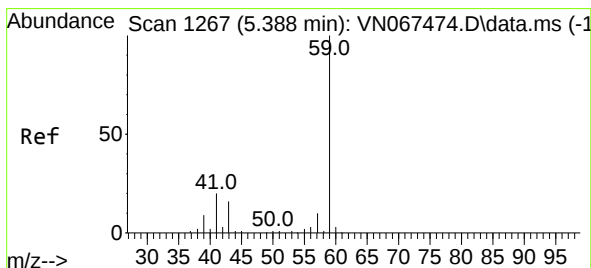
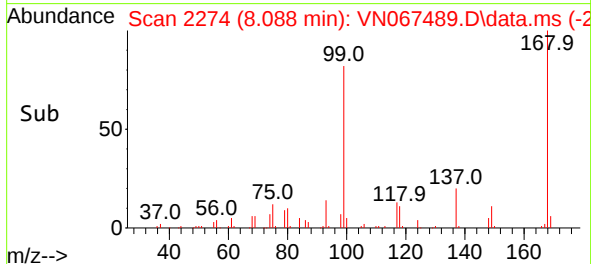
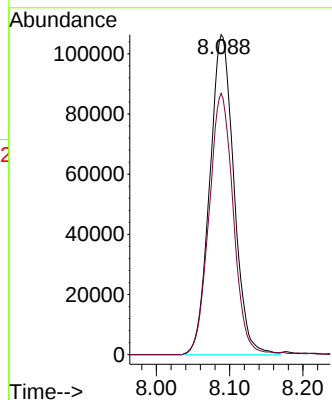


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067489.D
Acq: 24 Jun 2021 17:43

Instrument :
MSVOA_N
ClientSampleId :
BPOW1-8-20210621

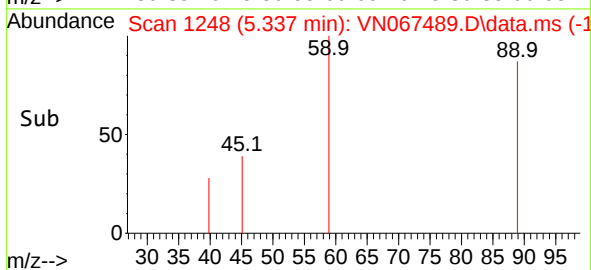
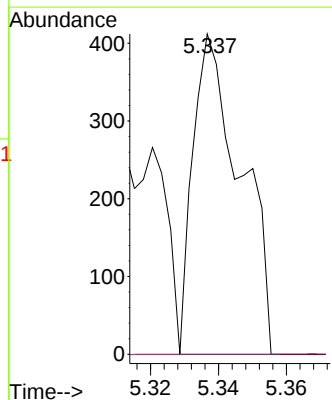
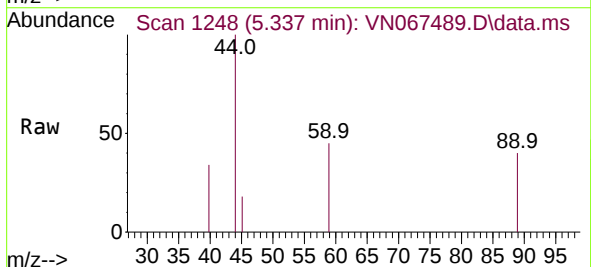


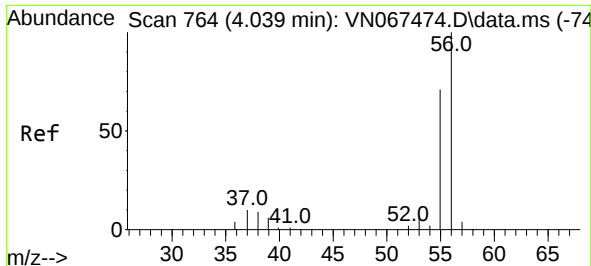
Tgt Ion:168 Resp: 243225
Ion Ratio Lower Upper
168 100
99 81.6 62.9 94.3



#11
Tert butyl alcohol
Concen: 0.49 ug/l
RT: 5.337 min Scan# 1248
Delta R.T. -0.051 min
Lab File: VN067489.D
Acq: 24 Jun 2021 17:43

Tgt Ion: 59 Resp: 401
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

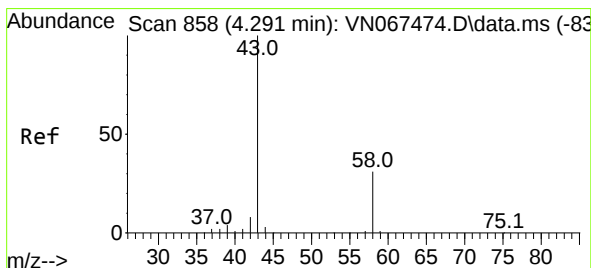
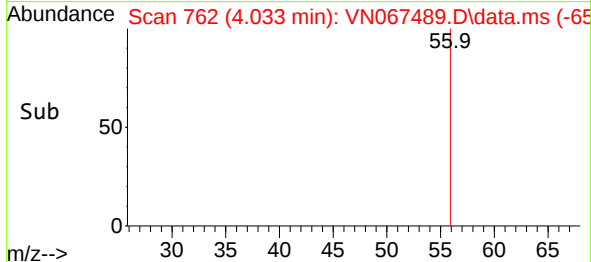
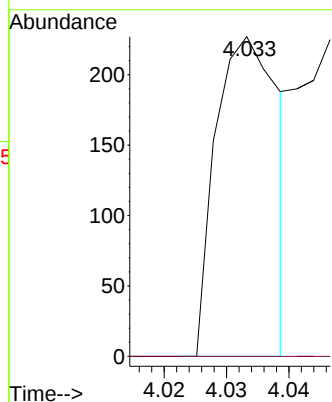
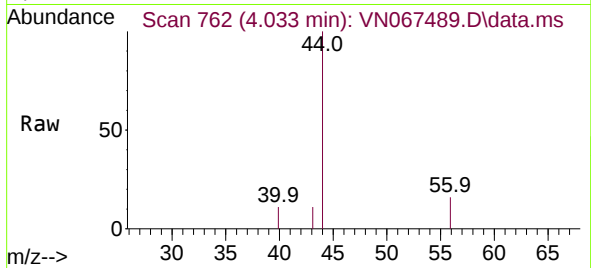




#13
Acrolein
Concen: 0.23 ug/l
RT: 4.033 min Scan# 762
Delta R.T. -0.006 min
Lab File: VN067489.D
Acq: 24 Jun 2021 17:43

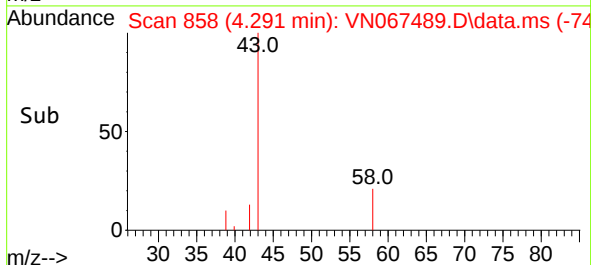
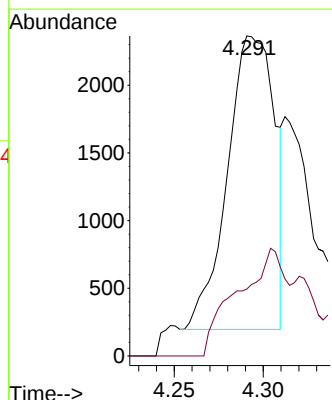
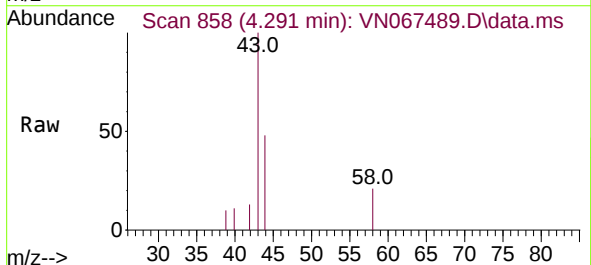
Instrument :
MSVOA_N
ClientSampleId :
BPOW1-8-20210621

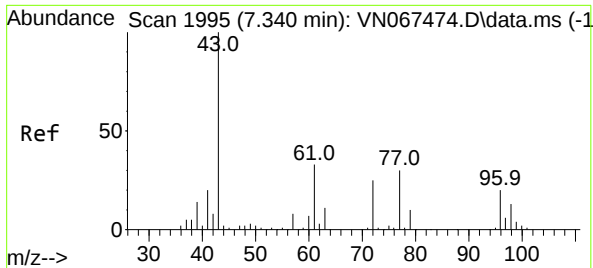
Tgt Ion: 56 Resp: 158
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#



#16
Acetone
Concen: 2.10 ug/l
RT: 4.291 min Scan# 858
Delta R.T. -0.000 min
Lab File: VN067489.D
Acq: 24 Jun 2021 17:43

Tgt Ion: 43 Resp: 3999
Ion Ratio Lower Upper
43 100
58 22.8 21.2 31.8

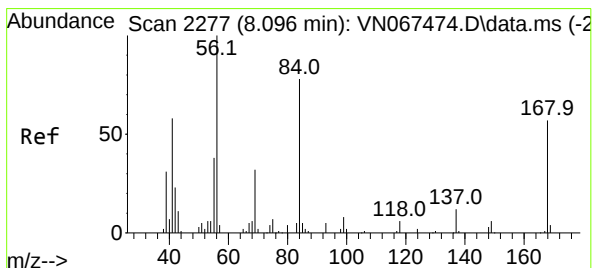
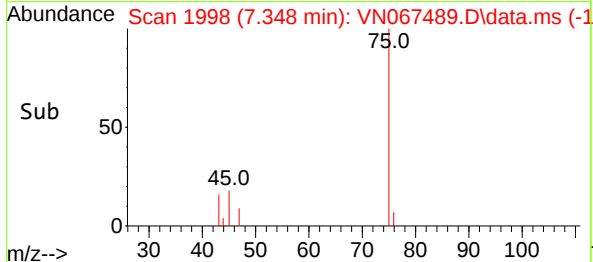
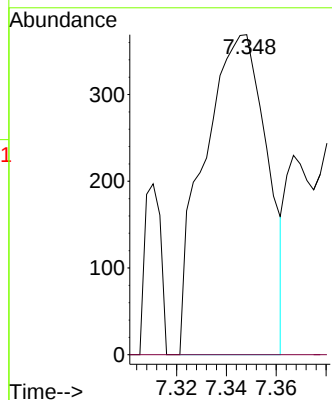
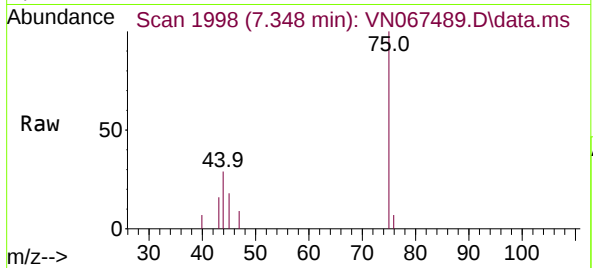




#25
2-Butanone
Concen: 0.22 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. 0.008 min
Lab File: VN067489.D
Acq: 24 Jun 2021 17:43

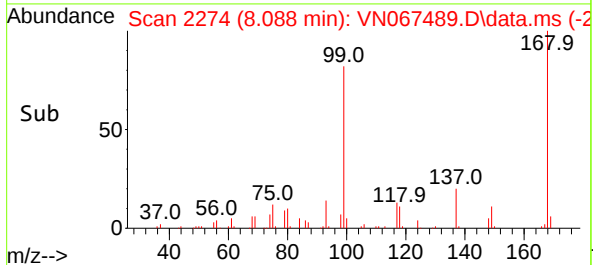
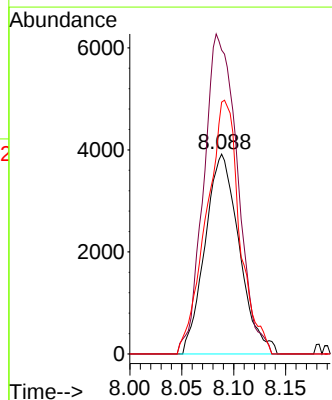
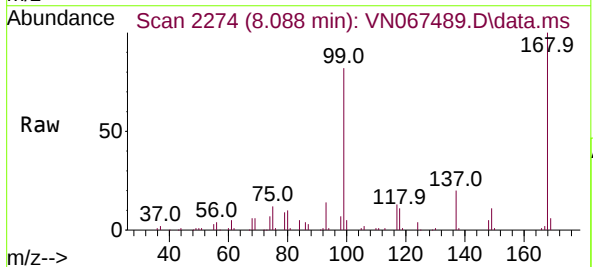
Instrument :
MSVOA_N
ClientSampleId :
BPOW1-8-20210621

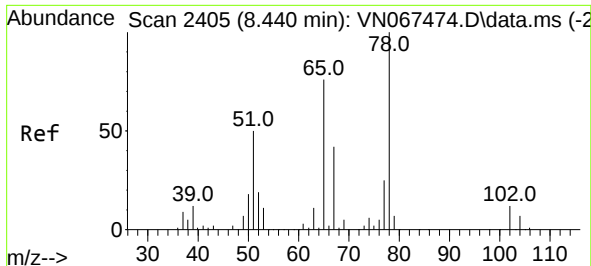
Tgt Ion: 43 Resp: 647
Ion Ratio Lower Upper
43 100
72 0.0 19.7 29.5#



#31
Cyclohexane
Concen: 1.13 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN067489.D
Acq: 24 Jun 2021 17:43

Tgt Ion: 56 Resp: 8969
Ion Ratio Lower Upper
56 100
69 152.0 27.3 40.9#
84 126.0 64.9 97.3#





#33

1,2-Dichloroethane-d4

Concen: 48.77 ug/l

RT: 8.442 min Scan# 2406

Delta R.T. 0.002 min

Lab File: VN067489.D

Acq: 24 Jun 2021 17:43

Tgt Ion: 65 Resp: 242775

Ion Ratio Lower Upper

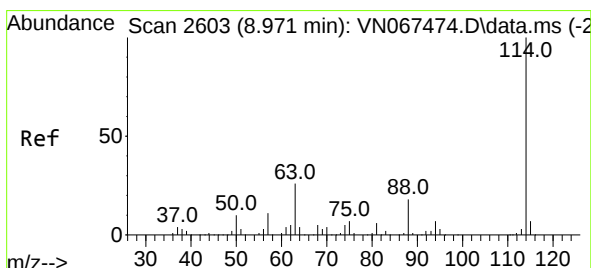
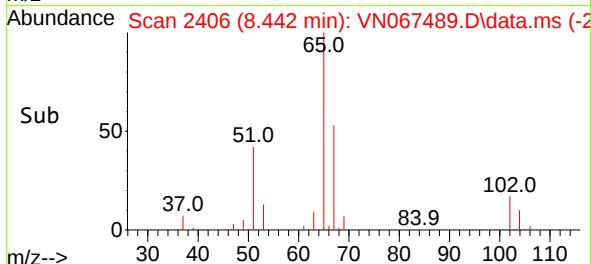
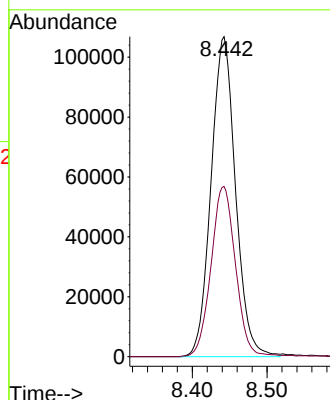
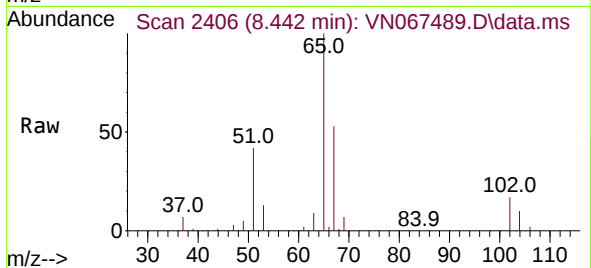
Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	98.6

Instrument :

MSVOA_N

ClientSampleId :

BPOW1-8-20210621



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.971 min Scan# 2603

Delta R.T. -0.000 min

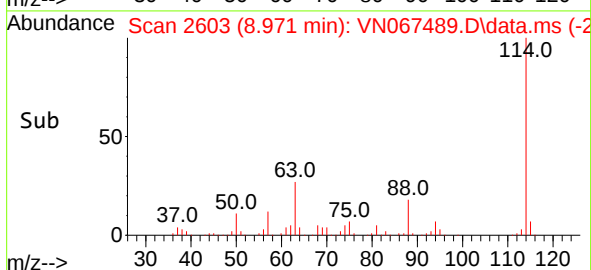
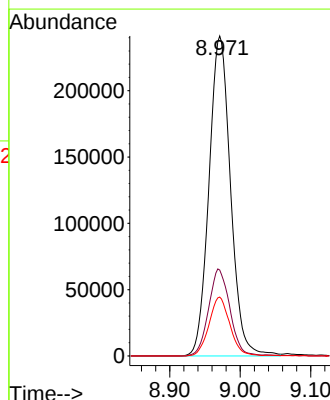
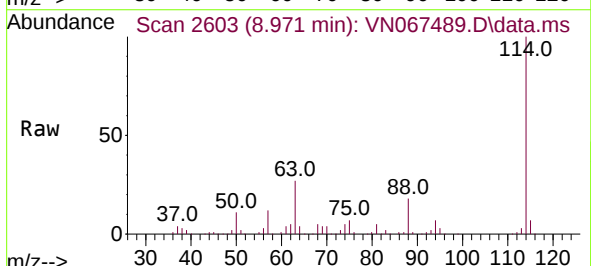
Lab File: VN067489.D

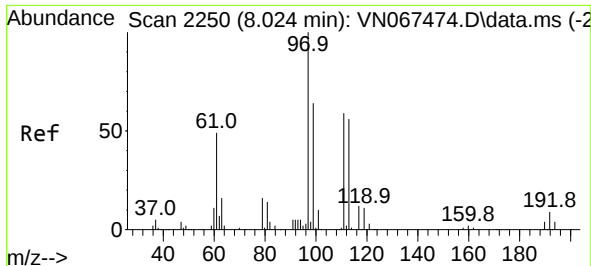
Acq: 24 Jun 2021 17:43

Tgt Ion: 114 Resp: 512870

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
114	100		
63	26.8	0.0	49.0
88	18.4	0.0	36.6

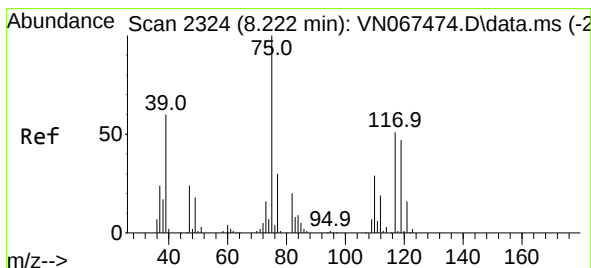
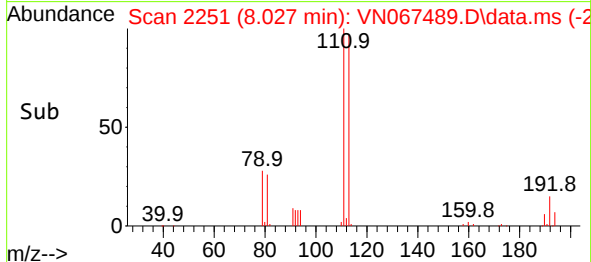
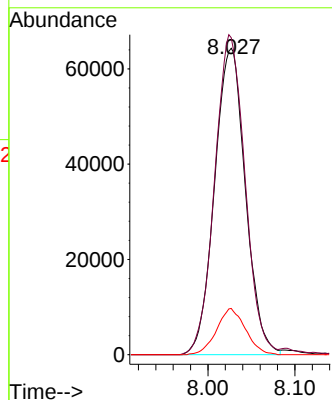
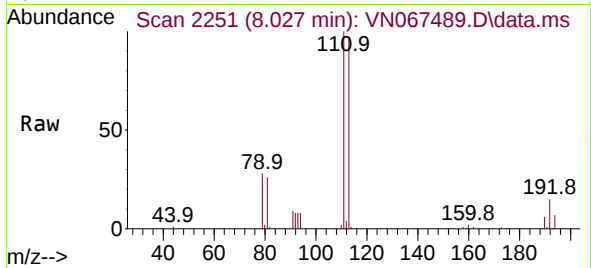




#35
Dibromofluoromethane
Concen: 50.22 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.003 min
Lab File: VN067489.D
Acq: 24 Jun 2021 17:43

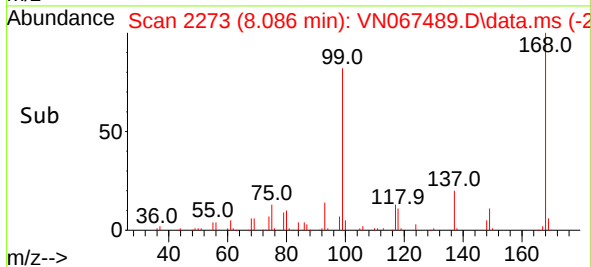
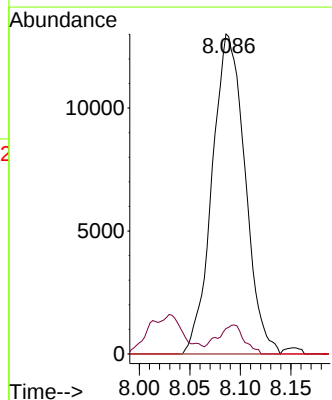
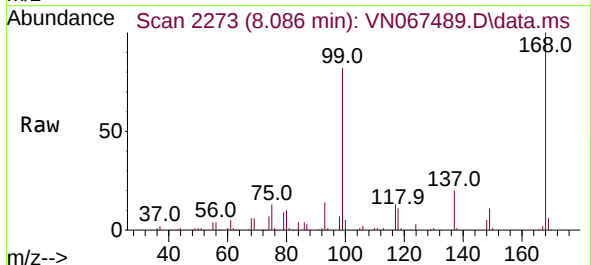
Instrument :
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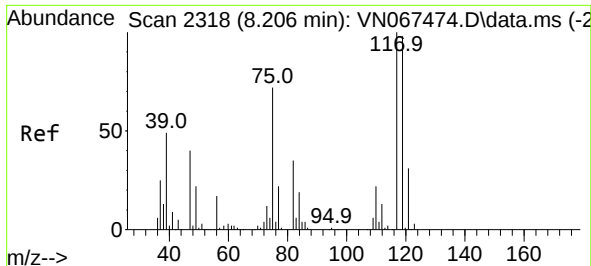
Tgt Ion:113 Resp: 158686
Ion Ratio Lower Upper
113 100
111 102.3 83.8 125.8
192 14.2 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.10 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.136 min
Lab File: VN067489.D
Acq: 24 Jun 2021 17:43

Tgt Ion: 75 Resp: 29439
Ion Ratio Lower Upper
75 100
110 7.4 15.7 47.0#
77 0.0 24.6 37.0#

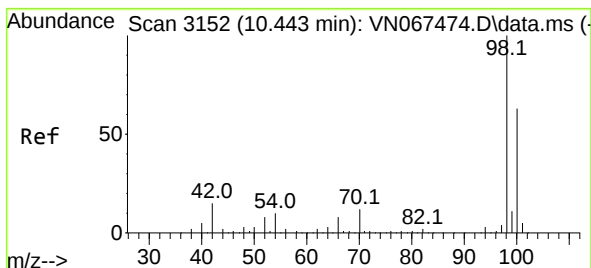
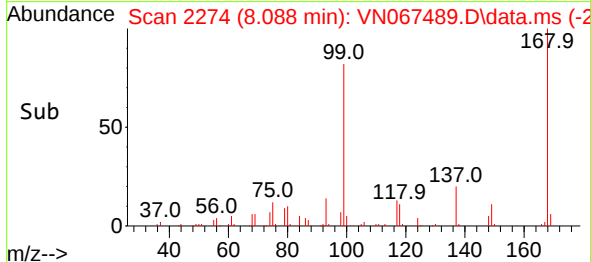
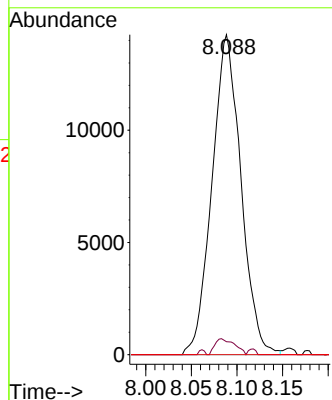
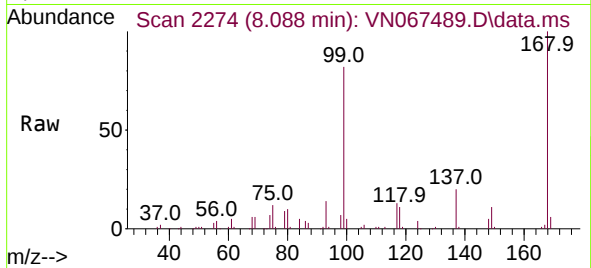




#38
Carbon Tetrachloride
Concen: 6.40 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN067489.D
Acq: 24 Jun 2021 17:43

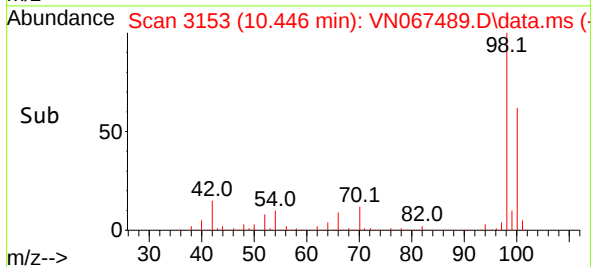
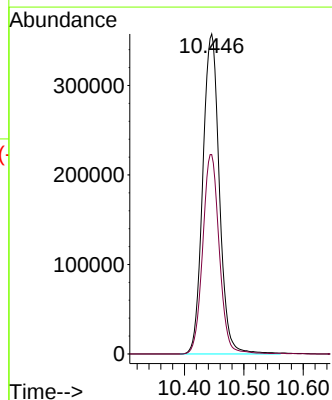
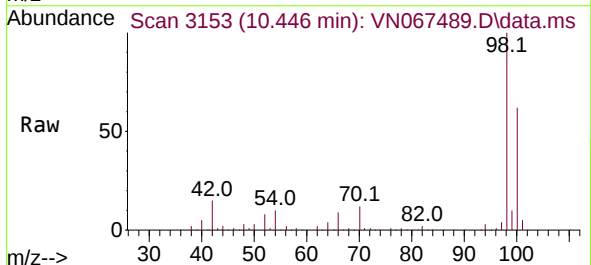
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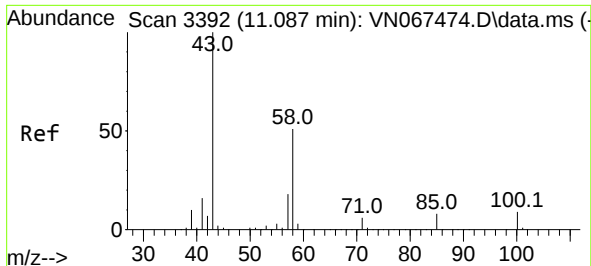
Tgt Ion:117 Resp: 31473
Ion Ratio Lower Upper
117 100
119 4.0 75.4 113.2#
121 0.0 23.5 35.3#



#50
Toluene-d8
Concen: 51.55 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067489.D
Acq: 24 Jun 2021 17:43

Tgt Ion: 98 Resp: 694712
Ion Ratio Lower Upper
98 100
100 62.1 51.7 77.5

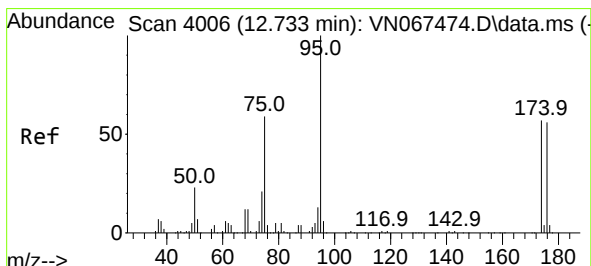
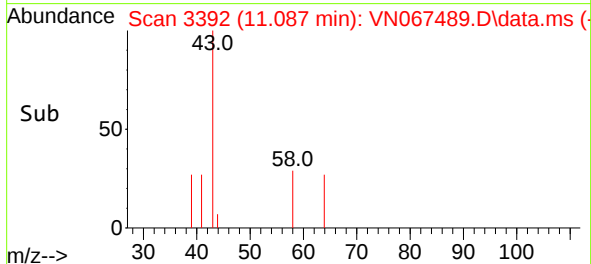
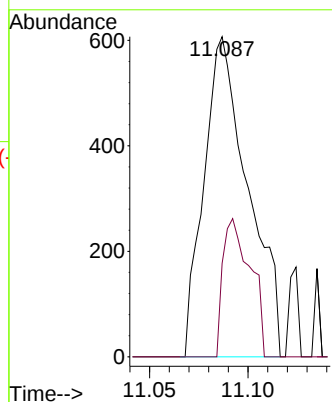
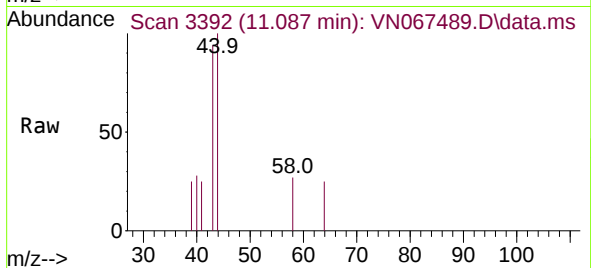




#59
2-Hexanone
Concen: 0.22 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN067489.D
Acq: 24 Jun 2021 17:43

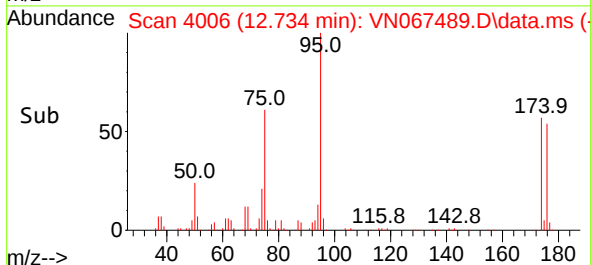
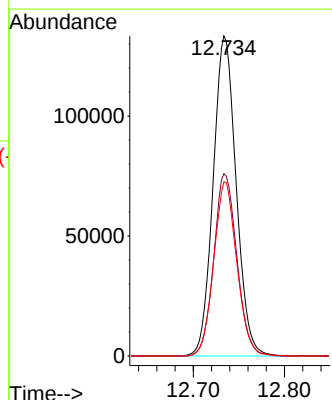
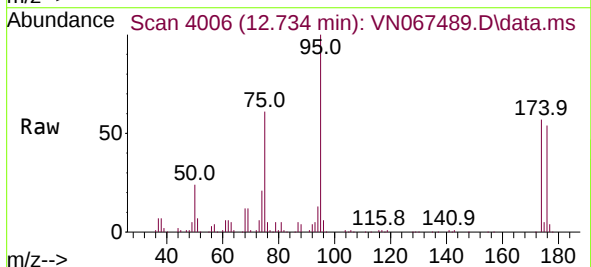
Instrument :
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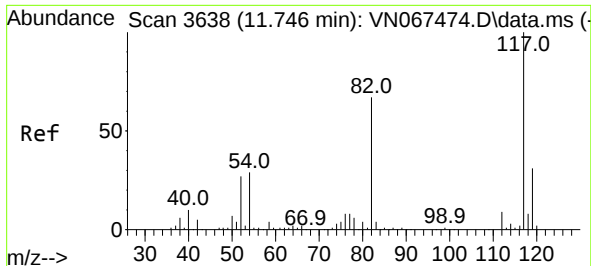
Tgt Ion: 43 Resp: 947
Ion Ratio Lower Upper
43 100
58 26.8 24.7 74.1



#62
4-Bromofluorobenzene
Concen: 48.69 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN067489.D
Acq: 24 Jun 2021 17:43

Tgt Ion: 95 Resp: 233764
Ion Ratio Lower Upper
95 100
174 57.2 0.0 122.0
176 54.5 0.0 117.6

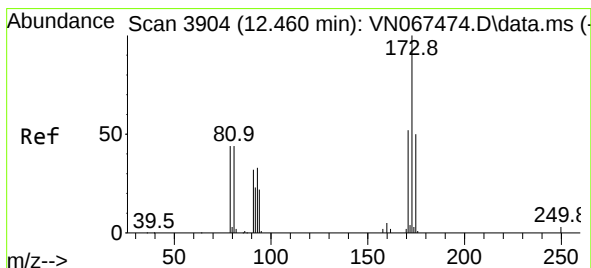
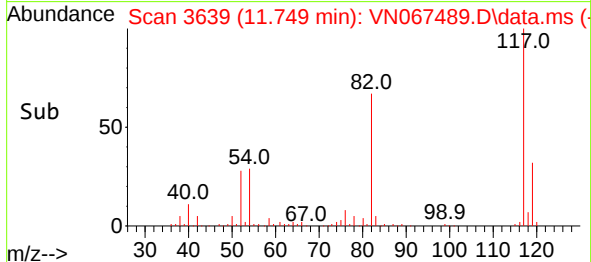
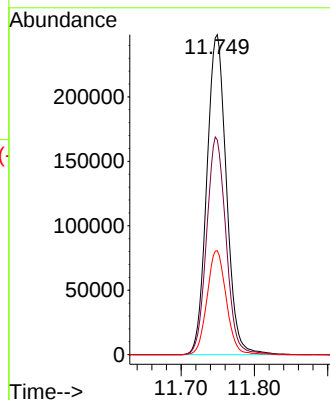
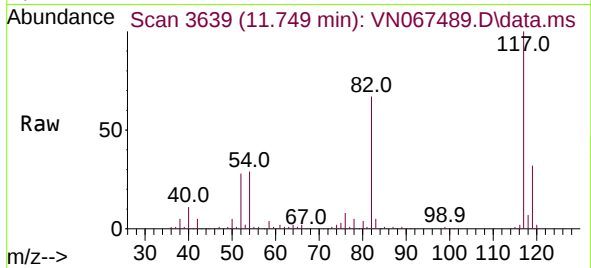




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067489.D
Acq: 24 Jun 2021 17:43

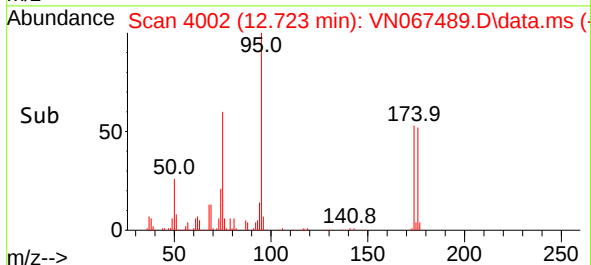
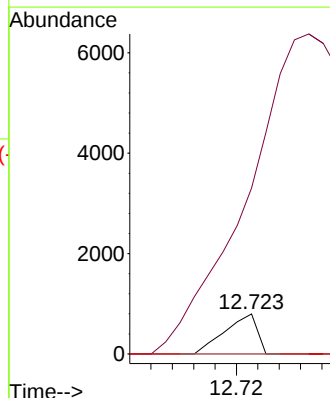
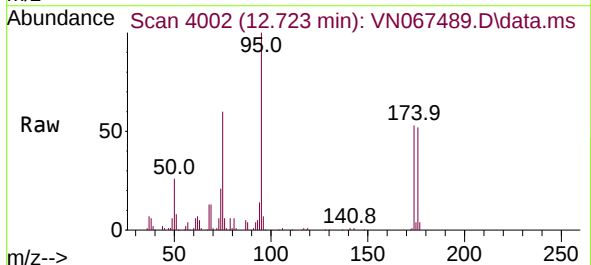
Instrument :
MSVOA_N
ClientSampleId :
BPOW1-8-20210621

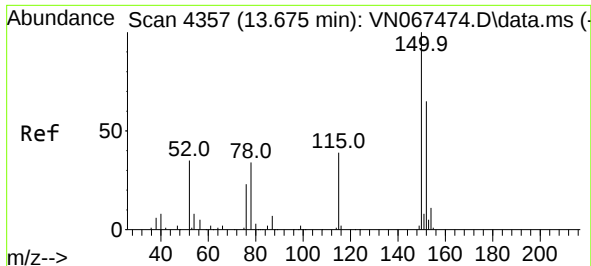
Tgt Ion:117 Resp: 461425
Ion Ratio Lower Upper
117 100
82 67.1 53.1 79.7
119 32.5 25.5 38.3



#71
Bromoform
Concen: 2.78 ug/l
RT: 12.723 min Scan# 4002
Delta R.T. 0.263 min
Lab File: VN067489.D
Acq: 24 Jun 2021 17:43

Tgt Ion:173 Resp: 334
Ion Ratio Lower Upper
173 100
175 2955.4 23.9 71.8#
254 0.0 0.0 0.0

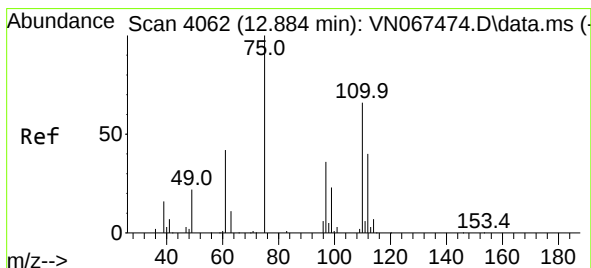
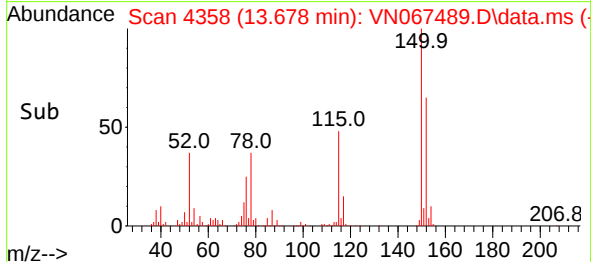
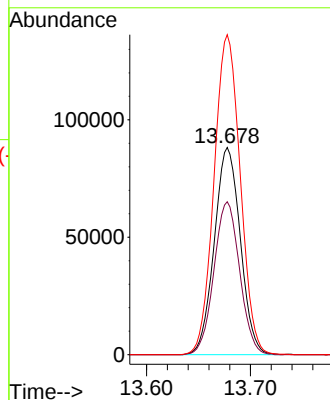
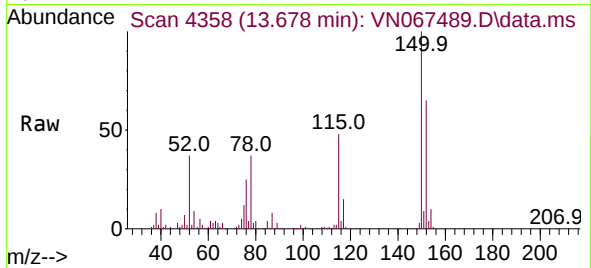




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067489.D
Acq: 24 Jun 2021 17:43

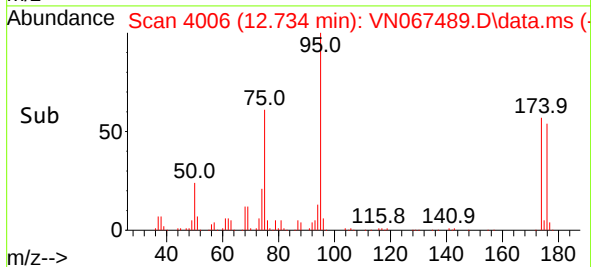
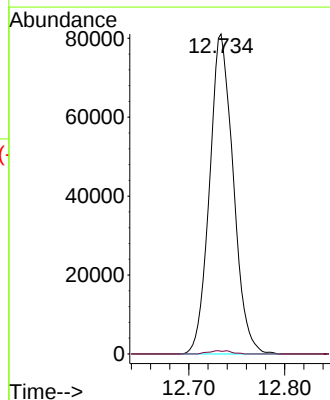
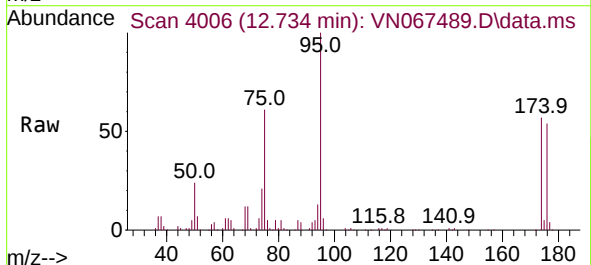
Instrument :
MSVOA_N
ClientSampleId :
BPOW1-8-20210621

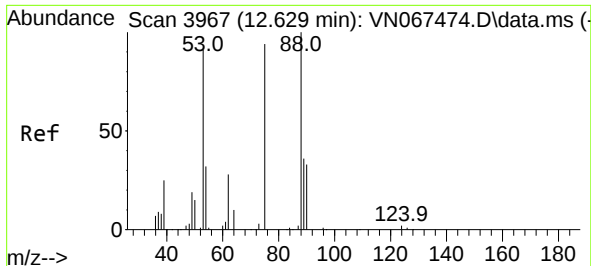
Tgt Ion:152 Resp: 153869
Ion Ratio Lower Upper
152 100
115 72.9 36.1 108.5
150 155.3 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 30.75 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.150 min
Lab File: VN067489.D
Acq: 24 Jun 2021 17:43

Tgt Ion: 75 Resp: 139275
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#

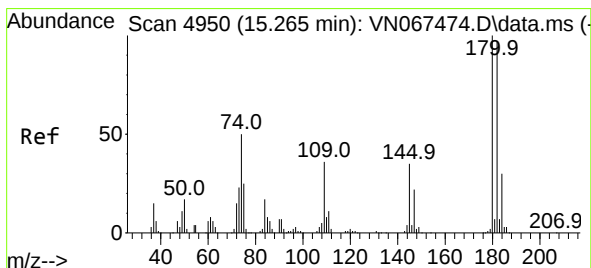
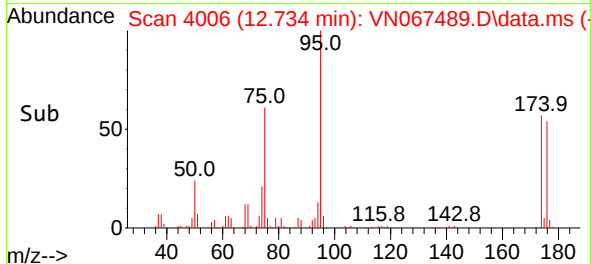
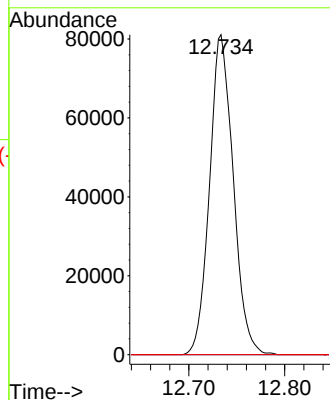
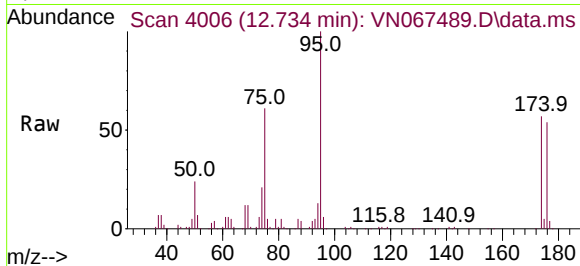




#81
trans-1,4-Dichloro-2-butene
Concen: 84.15 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN067489.D
Acq: 24 Jun 2021 17:43

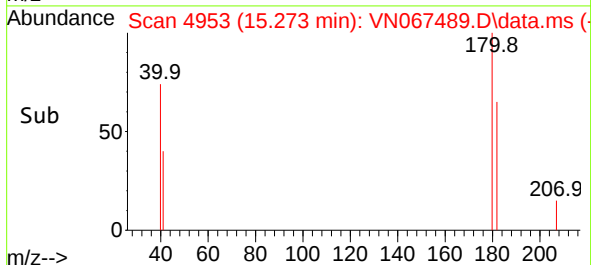
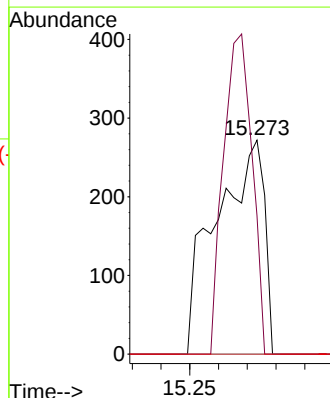
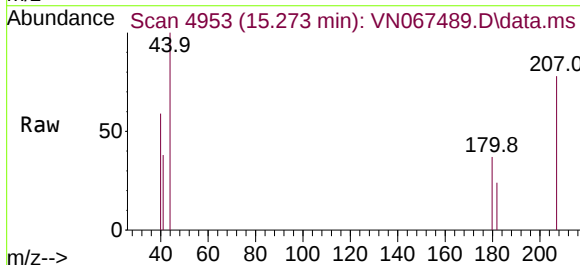
Instrument :
MSVOA_N
ClientSampleId :
BPOW1-8-20210621

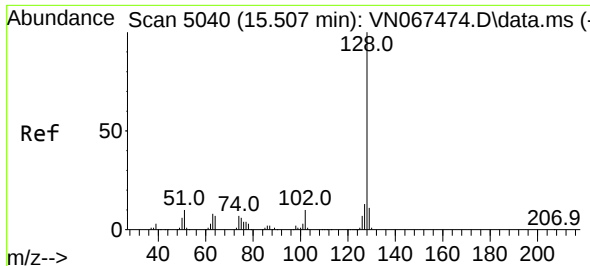
Tgt Ion: 75 Resp: 139275
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.45 ug/l
RT: 15.273 min Scan# 4953
Delta R.T. 0.008 min
Lab File: VN067489.D
Acq: 24 Jun 2021 17:43

Tgt Ion:180 Resp: 316
Ion Ratio Lower Upper
180 100
182 88.9 47.5 142.5
145 0.0 17.2 51.6#

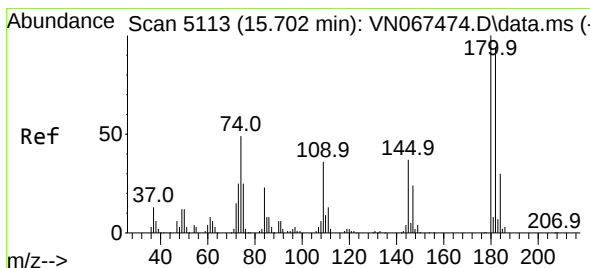
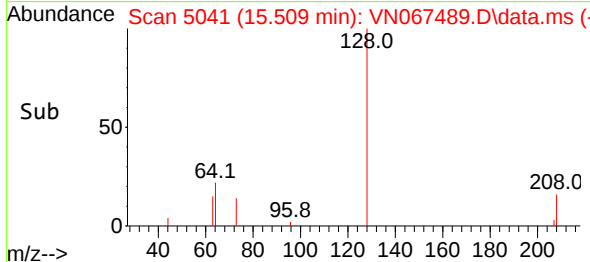
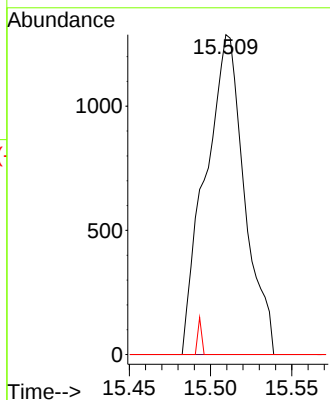
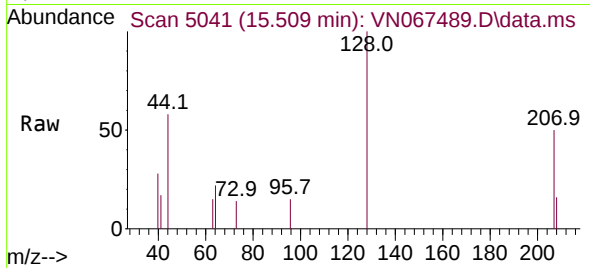




#95
Naphthalene
Concen: 3.57 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN067489.D
Acq: 24 Jun 2021 17:43

Instrument :
MSVOA_N
ClientSampleId :
BPOW1-8-20210621

Tgt Ion:128 Resp: 2155
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 1.1 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 2.65 ug/l
RT: 15.703 min Scan# 5113
Delta R.T. 0.001 min
Lab File: VN067489.D
Acq: 24 Jun 2021 17:43

Tgt Ion:180 Resp: 330
Ion Ratio Lower Upper
180 100
182 69.4 47.8 143.3
145 8.2 18.2 54.6#

