

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062321\
 Data File : VN067464.D
 Acq On : 23 Jun 2021 18:04
 Operator : JC/MD
 Sample : M2804-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BPOW1-8-20210621

Quant Time: Jun 24 05:04:32 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)

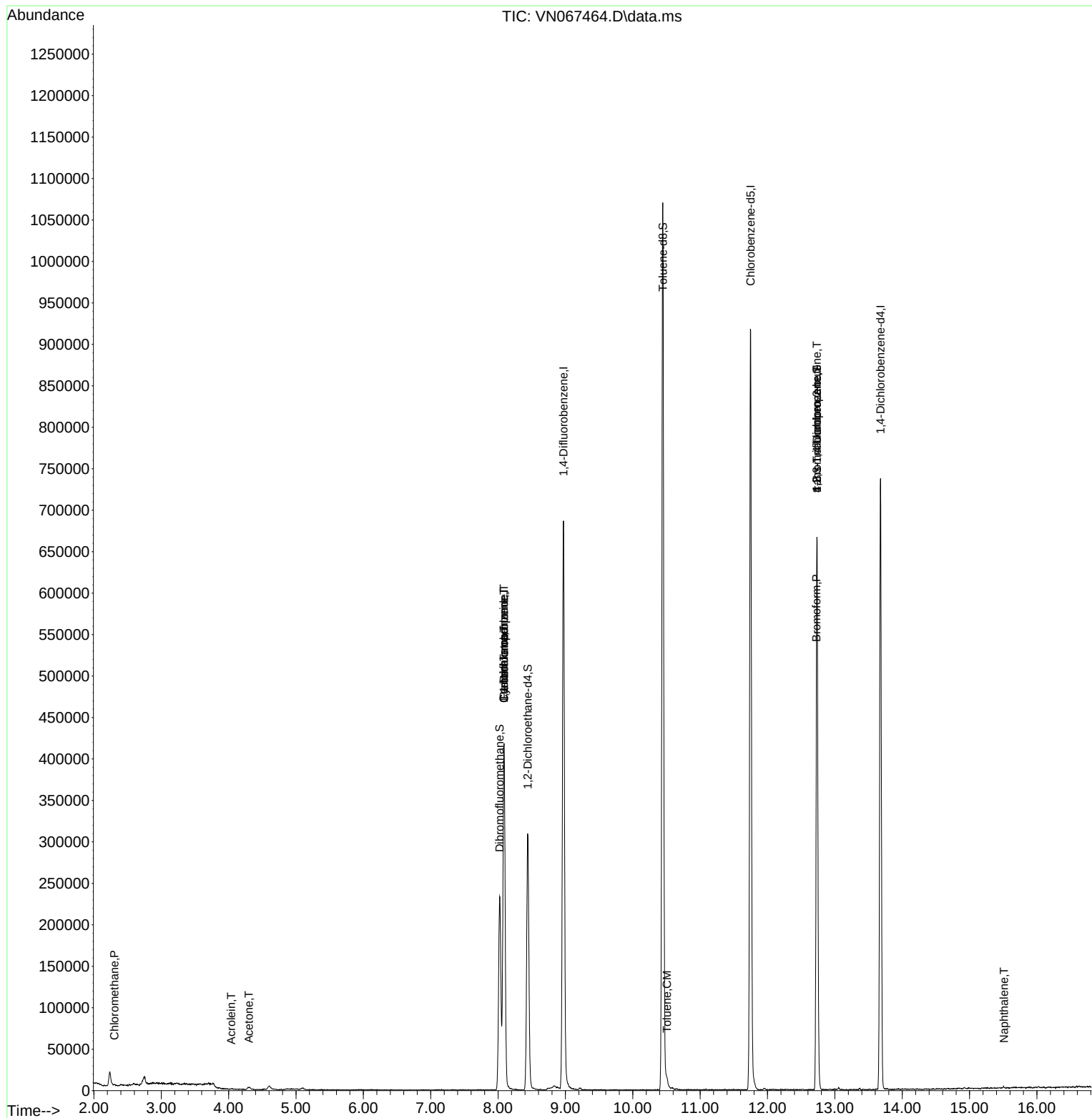
Internal Standards						
1) Pentafluorobenzene	8.088	168	263757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	562959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	495996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	165466	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	252666	48.560	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.120%		
35) Dibromofluoromethane	8.024	113	167033	44.612	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	89.220%		
50) Toluene-d8	10.446	98	737967	51.424	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.840%		
62) 4-Bromofluorobenzene	12.734	95	246928	41.695	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	83.380%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.303	50	1065	0.266	ug/l #	87
13) Acrolein	4.039	56	343	0.642	ug/l #	47
16) Acetone	4.299	43	2566	1.285	ug/l #	79
31) Cyclohexane	8.086	56	9499	1.343	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	32583	5.163	ug/l #	46
38) Carbon Tetrachloride	8.086	117	32491	4.790	ug/l #	17
52) Toluene	10.508	92	2338	0.211	ug/l	96
71) Bromoform	12.726	173	1274	0.415	ug/l #	1
76) 1,2,3-Trichloropropane	12.734	75	142112	33.073	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.734	75	142112	81.966	ug/l #	6
95) Naphthalene	15.509	128	1757	2.773	ug/l #	73

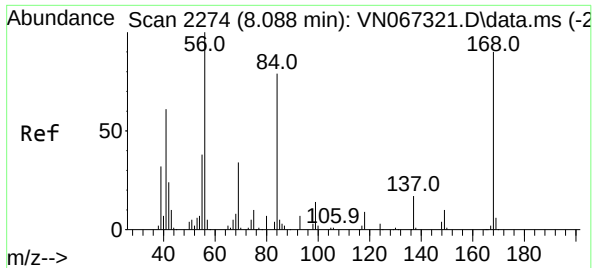
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

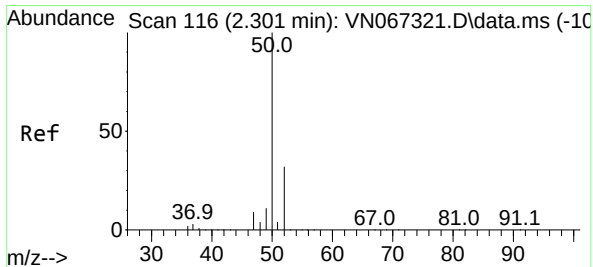
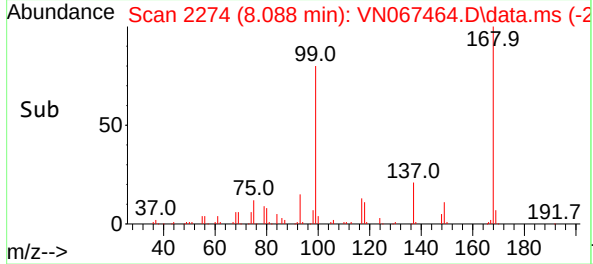
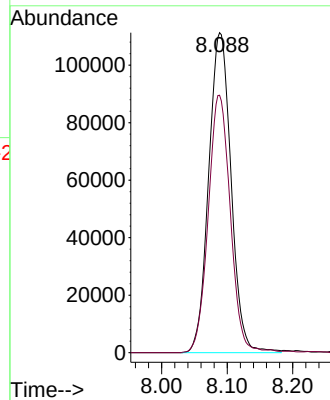
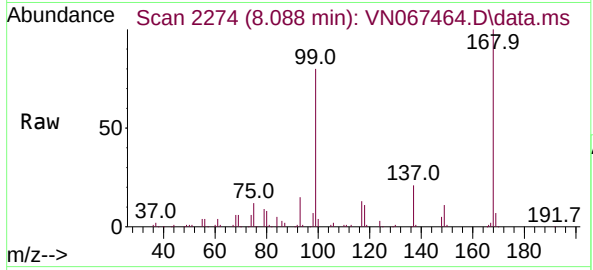




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067464.D
Acq: 23 Jun 2021 18:04

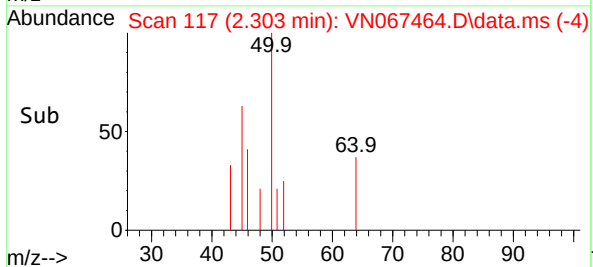
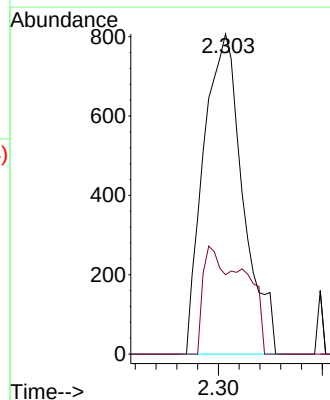
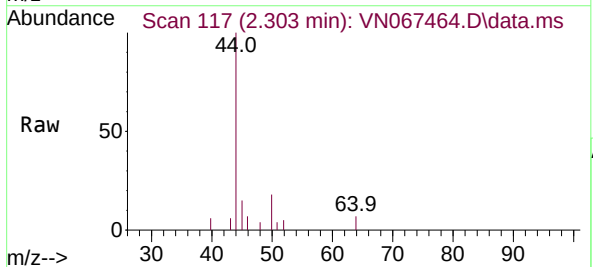
Instrument :
MSVOA_N
ClientSampleId :
BPOW1-8-20210621

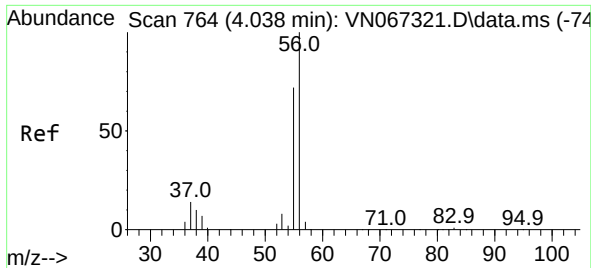
Tgt Ion:168 Resp: 263757
Ion Ratio Lower Upper
168 100
99 80.4 62.9 94.3



#3
Chloromethane
Concen: 0.266 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.002 min
Lab File: VN067464.D
Acq: 23 Jun 2021 18:04

Tgt Ion: 50 Resp: 1065
Ion Ratio Lower Upper
50 100
52 24.8 25.6 38.4#

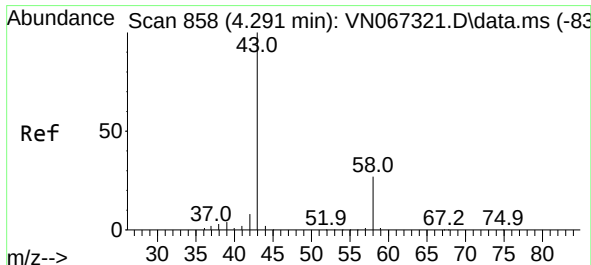
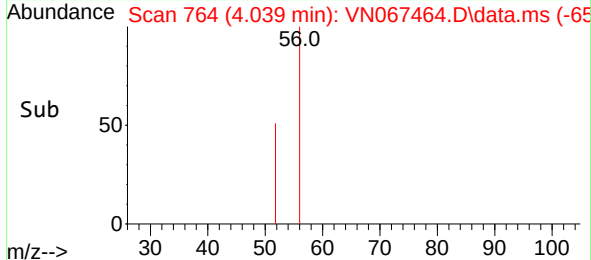
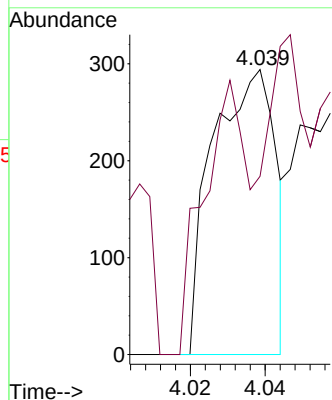
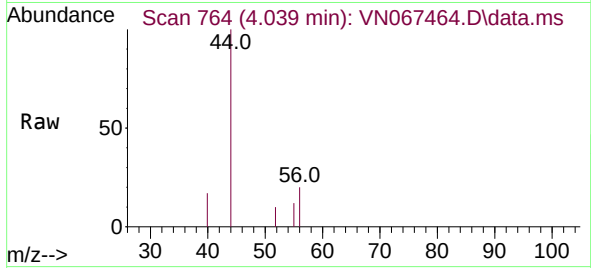




#13
Acrolein
Concen: 0.642 ug/l
RT: 4.039 min Scan# 764
Delta R.T. 0.001 min
Lab File: VN067464.D
Acq: 23 Jun 2021 18:04

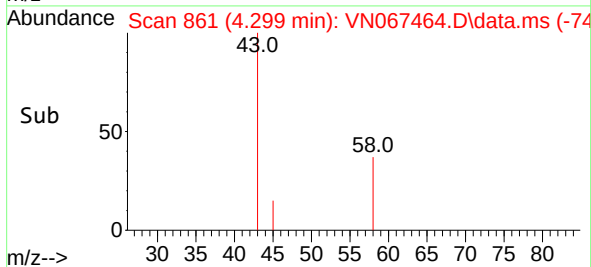
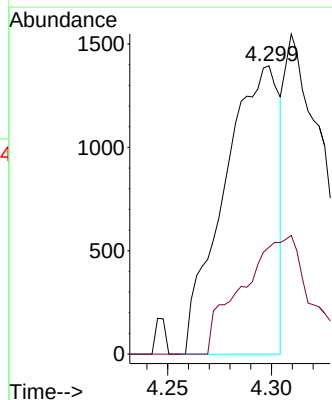
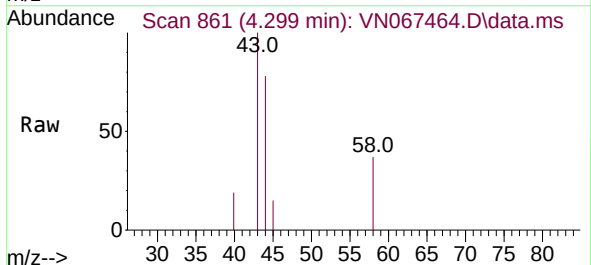
Instrument :
MSVOA_N
ClientSampleId :
BPOW1-8-20210621

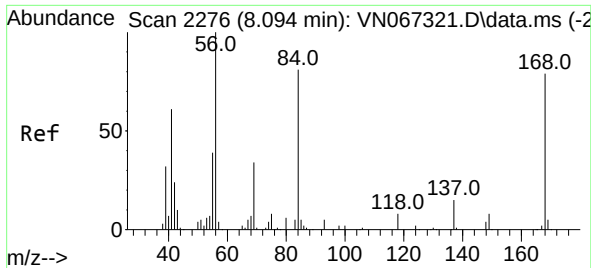
Tgt Ion: 56 Resp: 343
Ion Ratio Lower Upper
56 100
55 27.4 57.4 86.0#



#16
Acetone
Concen: 1.285 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.008 min
Lab File: VN067464.D
Acq: 23 Jun 2021 18:04

Tgt Ion: 43 Resp: 2566
Ion Ratio Lower Upper
43 100
58 37.1 21.2 31.8#

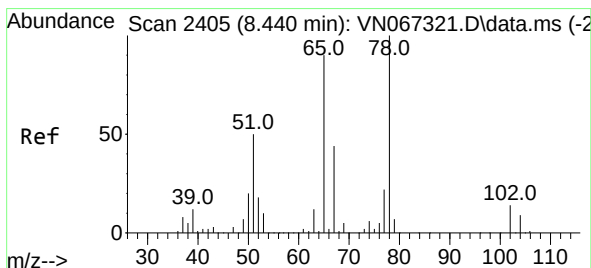
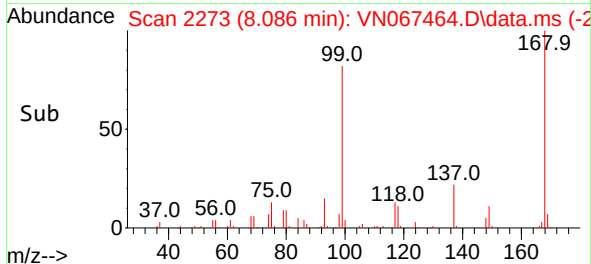
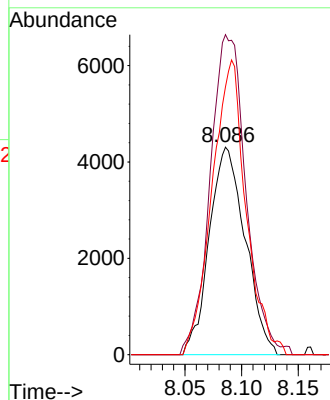
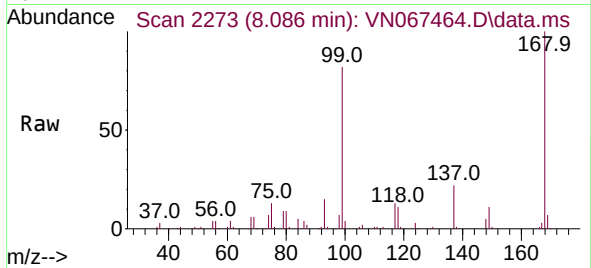




#31
Cyclohexane
Concen: 1.343 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.008 min
Lab File: VN067464.D
Acq: 23 Jun 2021 18:04

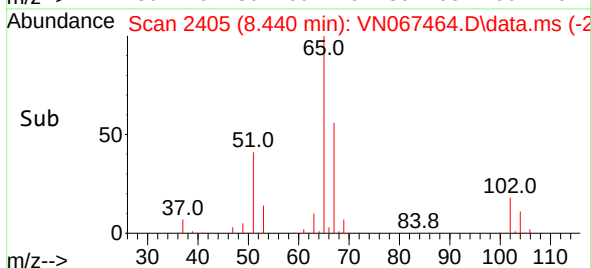
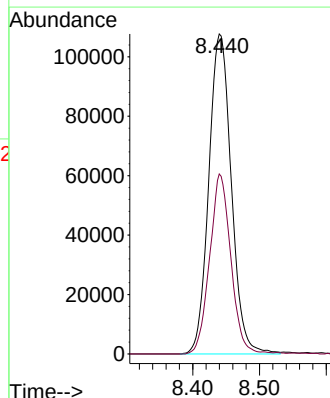
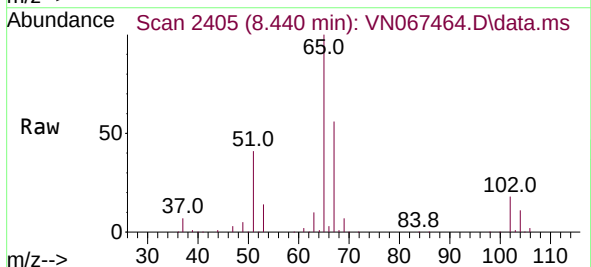
Instrument :
MSVOA_N
ClientSampleId :
BPOW1-8-20210621

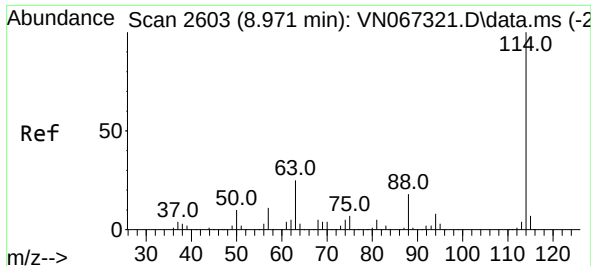
Tgt Ion: 56	Resp: 9499
Ion Ratio	Lower Upper
56 100	
69 154.1	27.3 40.9#
84 129.0	64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 48.560 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067464.D
Acq: 23 Jun 2021 18:04

Tgt Ion: 65	Resp: 252666
Ion Ratio	Lower Upper
65 100	
67 52.6	0.0 98.6

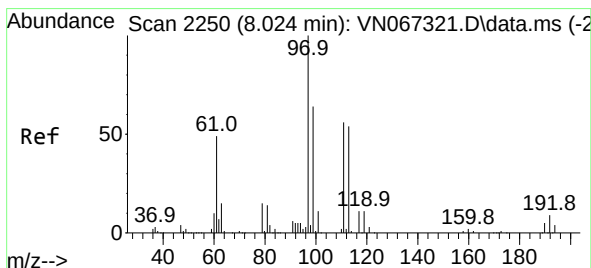
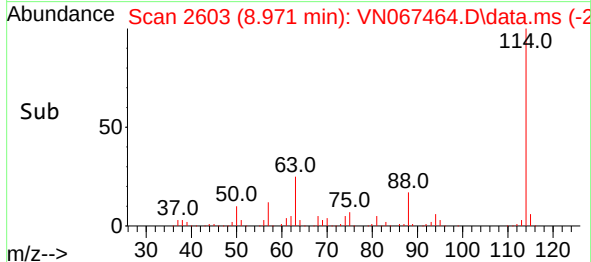
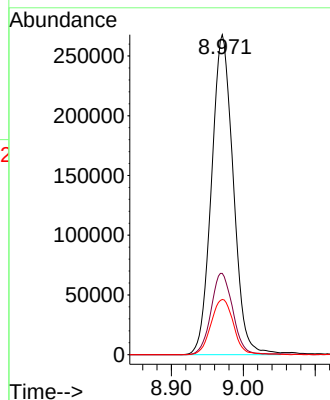
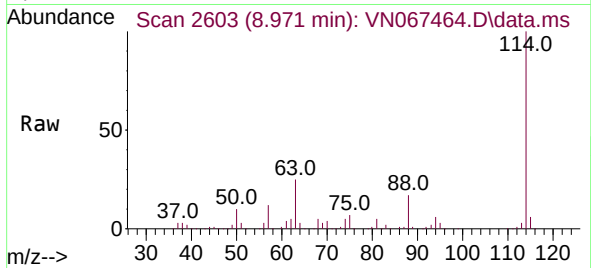




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN067464.D
Acq: 23 Jun 2021 18:04

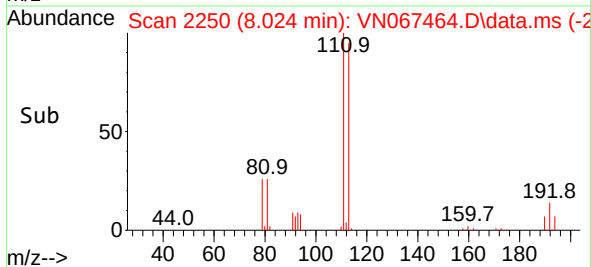
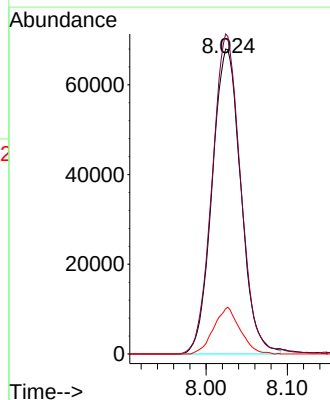
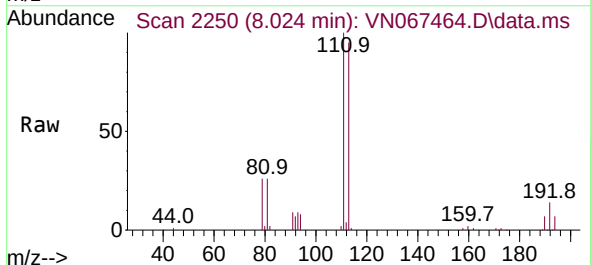
Instrument :
MSVOA_N
ClientSampleId :
BPOW1-8-20210621

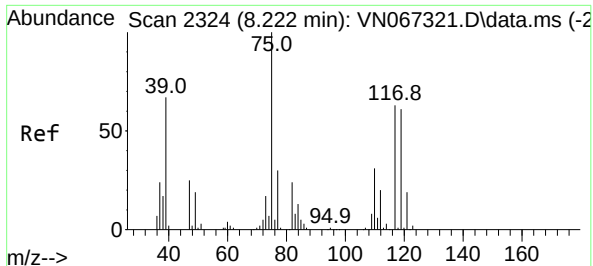
Tgt Ion:114 Resp: 562959
Ion Ratio Lower Upper
114 100
63 25.4 0.0 49.0
88 17.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.612 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN067464.D
Acq: 23 Jun 2021 18:04

Tgt Ion:113 Resp: 167033
Ion Ratio Lower Upper
113 100
111 103.4 83.8 125.8
192 14.0 13.4 20.0





#36

1,1-Dichloropropene

Concen: 5.163 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.136 min

Lab File: VN067464.D

Acq: 23 Jun 2021 18:04

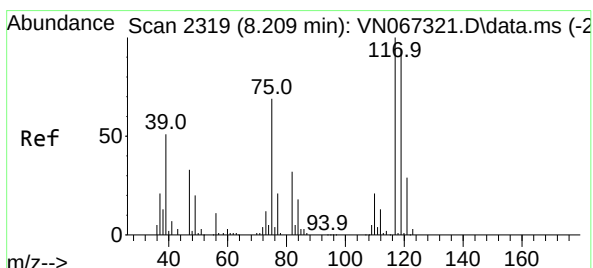
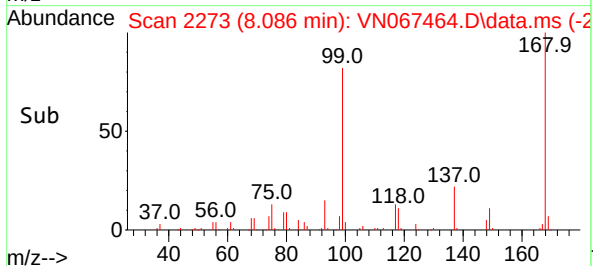
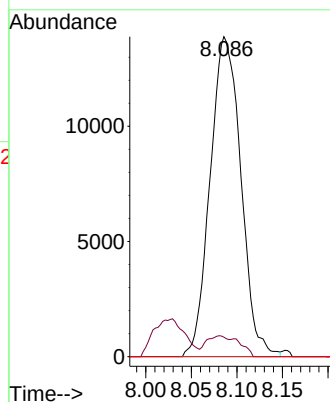
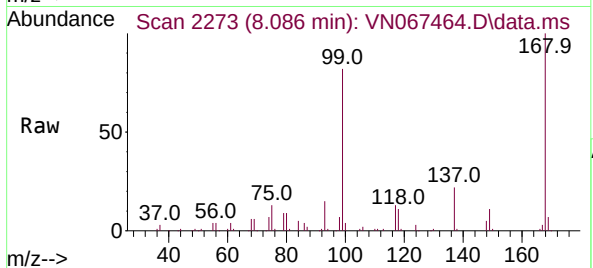
Tgt Ion:	75	Resp:	32583
Ion	Ratio	Lower	Upper
75	100		
110	2.6	15.7	47.0#
77	0.0	24.6	37.0#

Instrument :

MSVOA_N

ClientSampleId :

BPOW1-8-20210621



#38

Carbon Tetrachloride

Concen: 4.790 ug/l

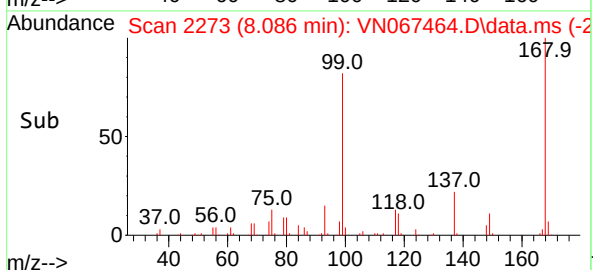
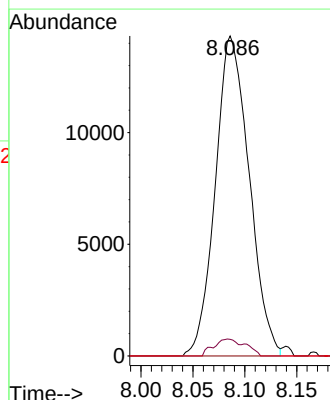
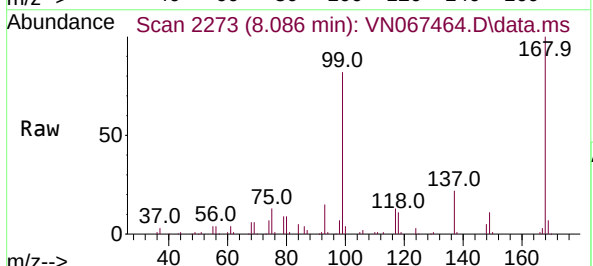
RT: 8.086 min Scan# 2273

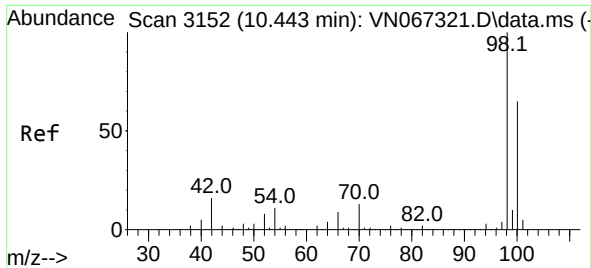
Delta R.T. -0.123 min

Lab File: VN067464.D

Acq: 23 Jun 2021 18:04

Tgt Ion:	117	Resp:	32491
Ion	Ratio	Lower	Upper
117	100		
119	5.2	75.4	113.2#
121	0.0	23.5	35.3#

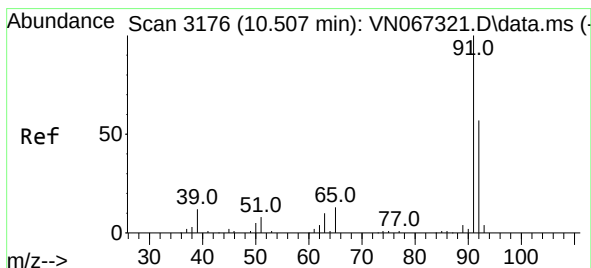
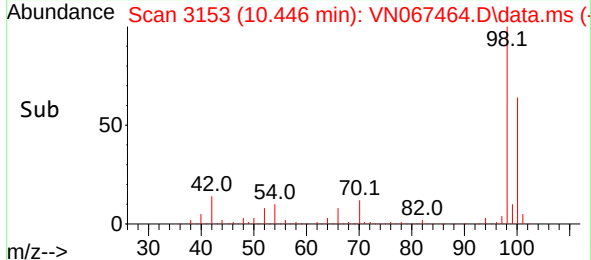
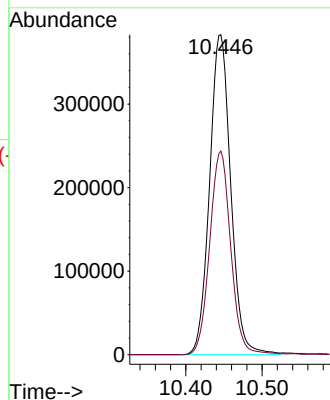
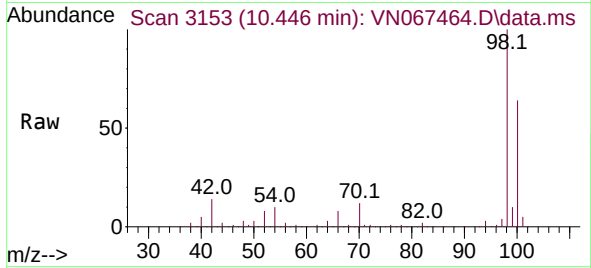




#50
Toluene-d8
Concen: 51.424 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067464.D
Acq: 23 Jun 2021 18:04

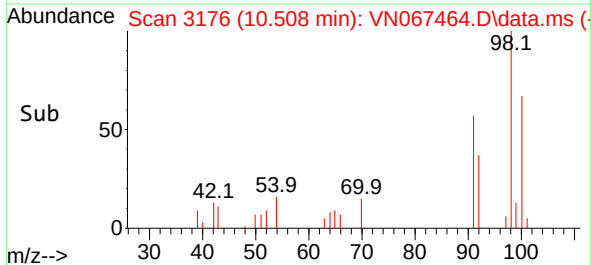
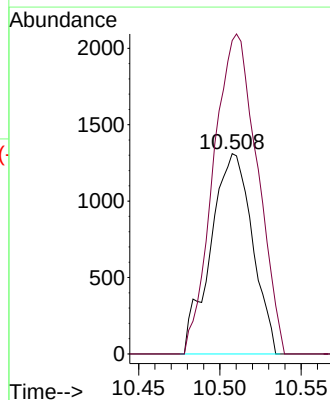
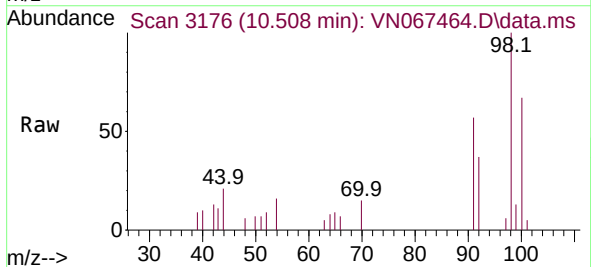
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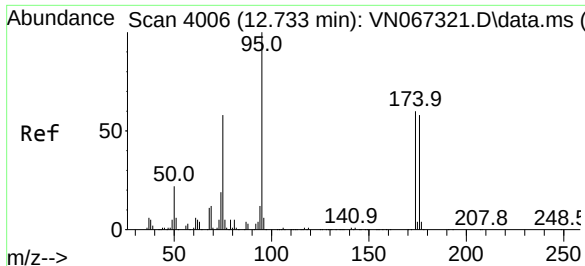
Tgt Ion: 98 Resp: 737967
Ion Ratio Lower Upper
98 100
100 63.3 51.7 77.5



#52
Toluene
Concen: 0.211 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. 0.001 min
Lab File: VN067464.D
Acq: 23 Jun 2021 18:04

Tgt Ion: 92 Resp: 2338
Ion Ratio Lower Upper
92 100
91 168.3 139.6 209.4

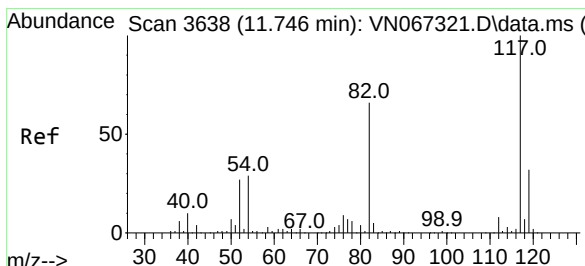
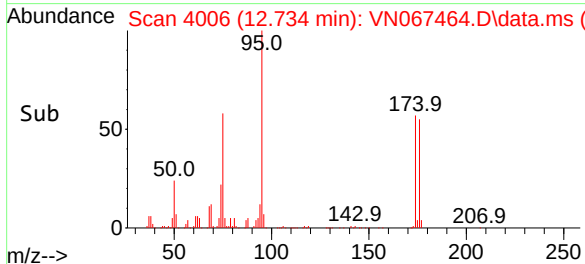
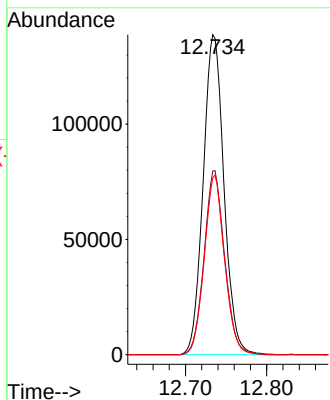
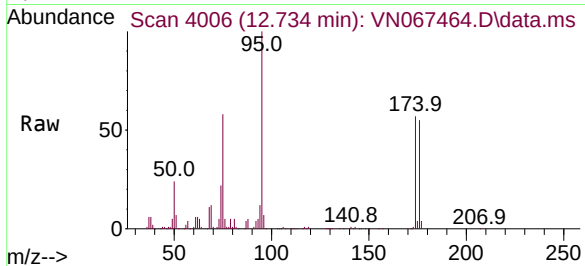




#62
4-Bromofluorobenzene
Concen: 41.695 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN067464.D
Acq: 23 Jun 2021 18:04

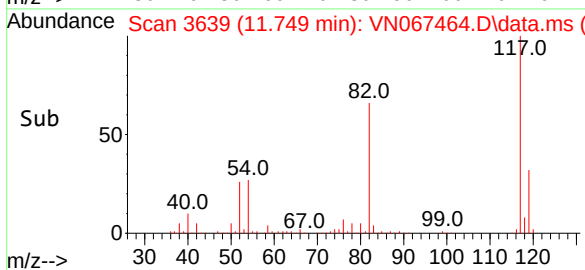
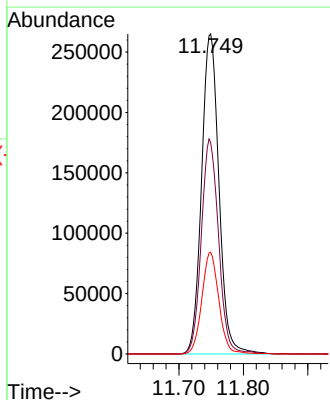
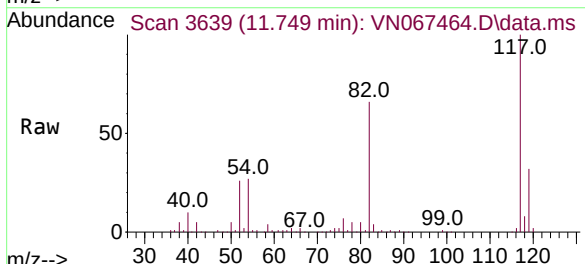
Instrument :
MSVOA_N
ClientSampleId :
BPOW1-8-20210621

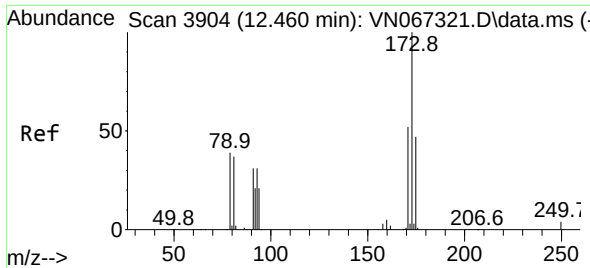
Tgt Ion: 95 Resp: 246928
Ion Ratio Lower Upper
95 100
174 56.8 0.0 122.0
176 54.7 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067464.D
Acq: 23 Jun 2021 18:04

Tgt Ion: 117 Resp: 495996
Ion Ratio Lower Upper
117 100
82 66.0 53.1 79.7
119 31.8 25.5 38.3

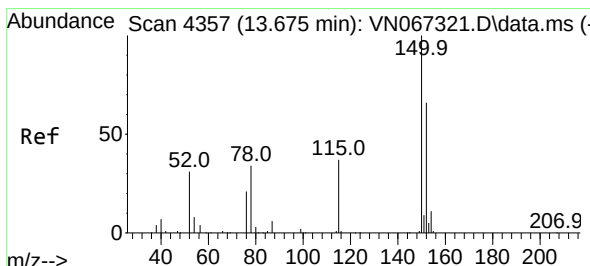
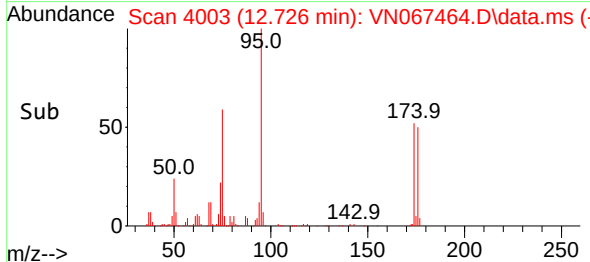
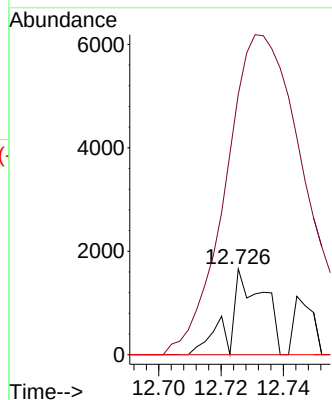
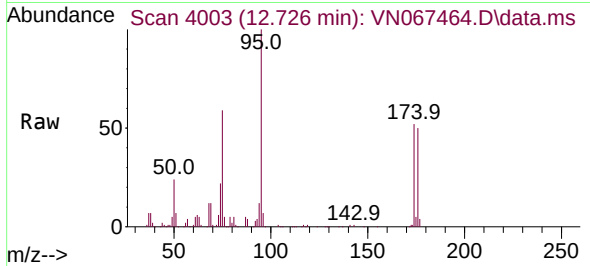




#71
Bromoform
Concen: 0.415 ug/l
RT: 12.726 min Scan# 4003
Delta R.T. 0.266 min
Lab File: VN067464.D
Acq: 23 Jun 2021 18:04

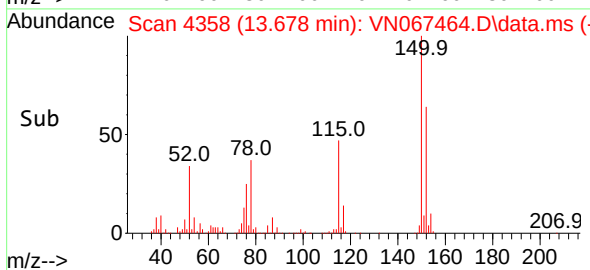
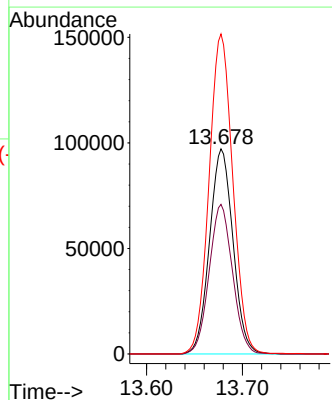
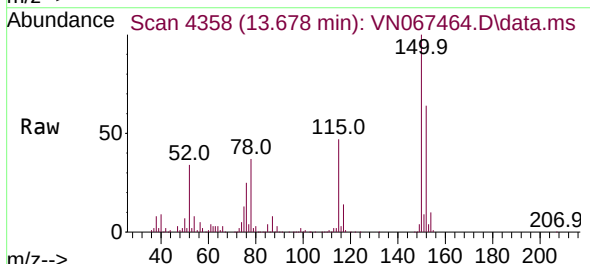
Instrument :
MSVOA_N
ClientSampleId :
BPOW1-8-20210621

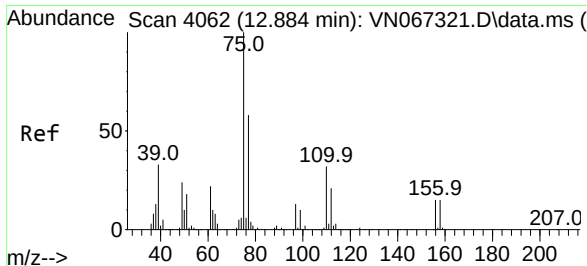
Tgt Ion:173 Resp: 1274
Ion Ratio Lower Upper
173 100
175 778.3 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067464.D
Acq: 23 Jun 2021 18:04

Tgt Ion:152 Resp: 165466
Ion Ratio Lower Upper
152 100
115 72.5 36.1 108.5
150 157.3 0.0 351.8

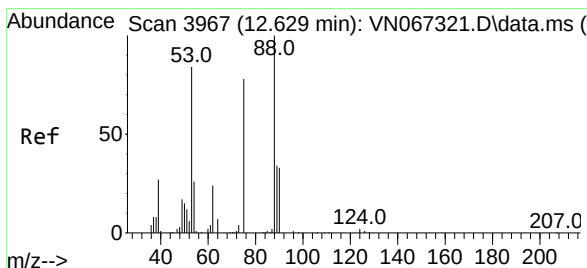
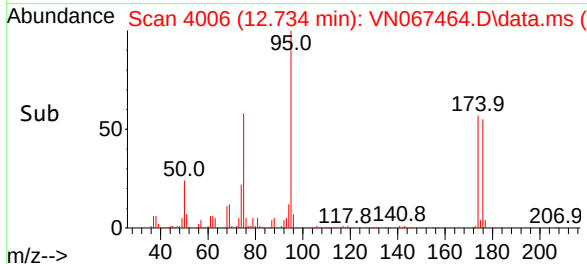
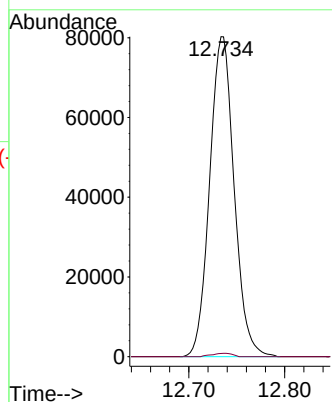
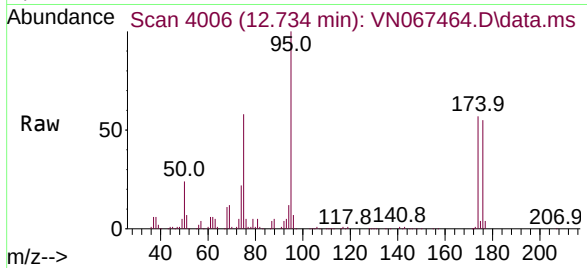




#76
1,2,3-Trichloropropane
Concen: 33.073 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.150 min
Lab File: VN067464.D
Acq: 23 Jun 2021 18:04

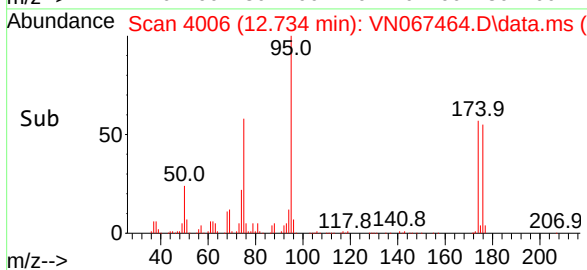
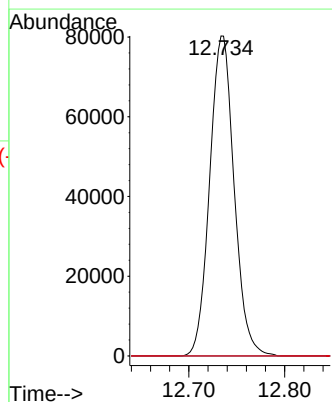
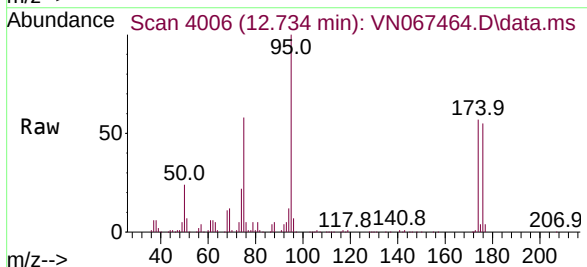
Instrument :
MSVOA_N
ClientSampleId :
BPOW1-8-20210621

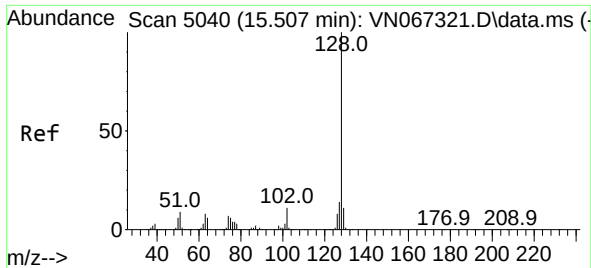
Tgt Ion: 75 Resp: 142112
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.966 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN067464.D
Acq: 23 Jun 2021 18:04

Tgt Ion: 75 Resp: 142112
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#





#95
Naphthalene
Concen: 2.773 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN067464.D
Acq: 23 Jun 2021 18:04

Instrument :
MSVOA_N
ClientSampleId :
BPOW1-8-20210621

Tgt Ion:128 Resp: 1757
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 3.2 8.6 12.8#

