

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081121\
 Data File : VN068076.D
 Acq On : 11 Aug 2021 17:27
 Operator : JC/MD
 Sample : M3360-02 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

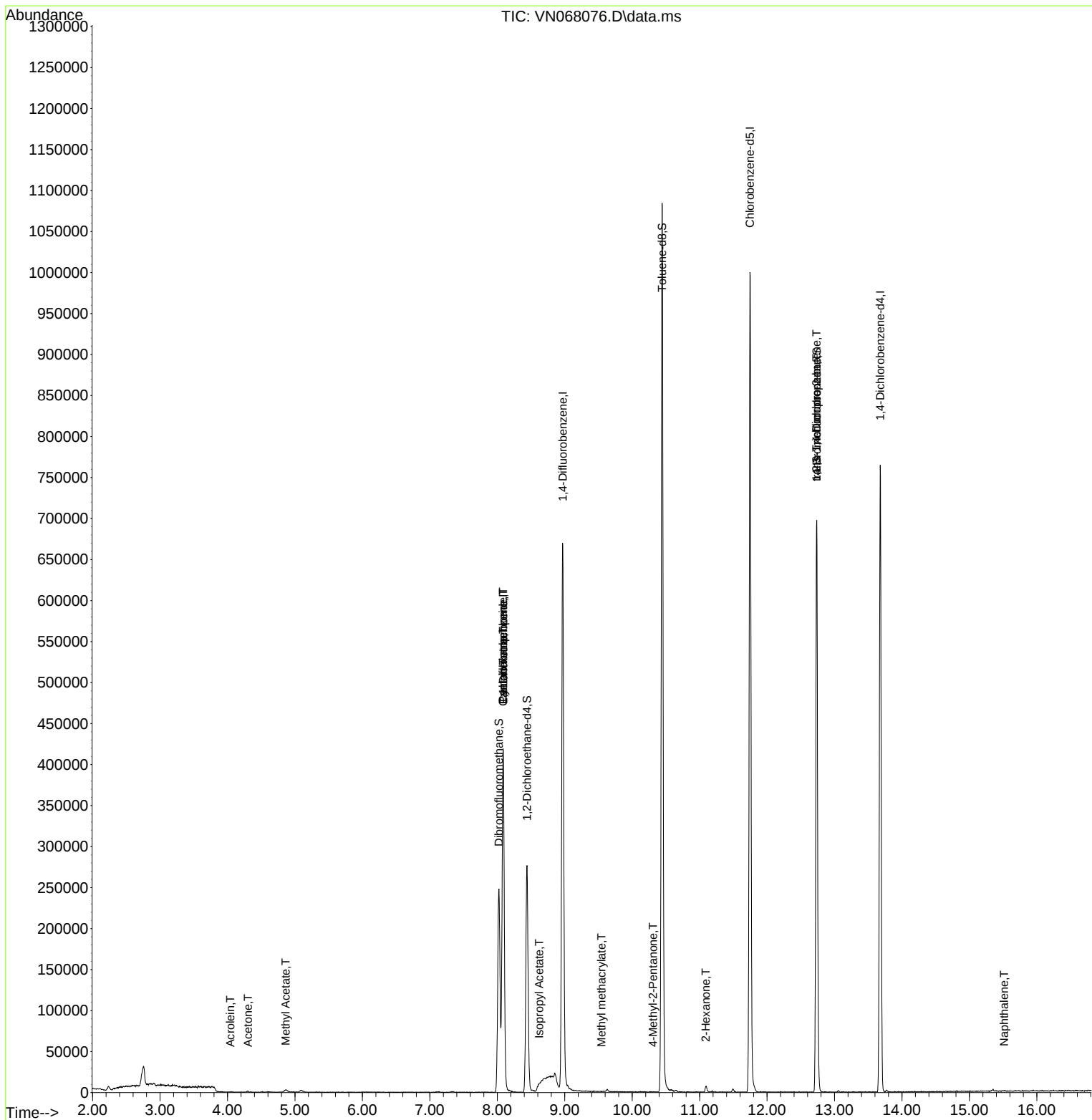
Quant Time: Aug 12 07:13:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

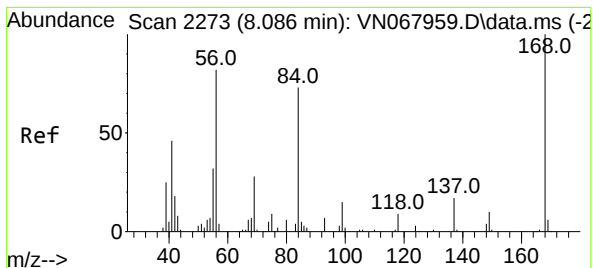
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.086	168	300702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	597217	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	583717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	203817	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	239870	56.35	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.70%			
35) Dibromofluoromethane	8.021	113	184476	53.00	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.00%			
50) Toluene-d8	10.443	98	759353	47.48	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 94.96%			
62) 4-Bromofluorobenzene	12.736	95	249449	43.18	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 86.36%			
Target Compounds					Qvalue	
13) Acrolein	4.041	56	104	0.27	ug/l #	57
16) Acetone	4.301	43	1328	0.85	ug/l #	88
18) Methyl Acetate	4.864	43	6484	1.64	ug/l #	81
31) Cyclohexane	8.086	56	7239	1.15	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	27696	5.01	ug/l #	45
38) Carbon Tetrachloride	8.088	117	33187	6.11	ug/l #	16
43) Isopropyl Acetate	8.622	43	8696	1.00	ug/l #	58
48) Methyl methacrylate	9.545	41	53	2.32	ug/l #	12
51) 4-Methyl-2-Pentanone	10.309	43	167	12.59	ug/l #	39
59) 2-Hexanone	11.092	43	1531	13.61	ug/l #	37
76) 1,2,3-Trichloropropane	12.733	75	137351	33.56	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	137351	90.00	ug/l #	6
95) Naphthalene	15.517	128	668	3.19	ug/l #	69

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

Quant Time: Aug 12 07:13:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 29 15:02:35 2021
Response via : Initial Calibration

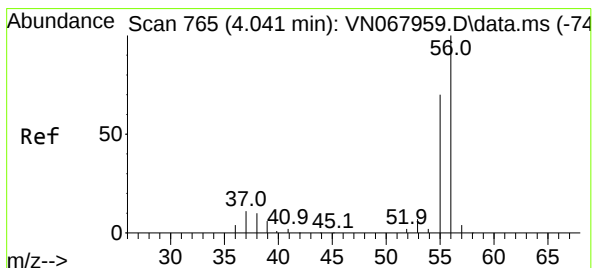
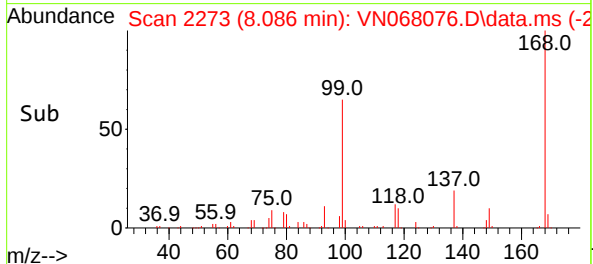
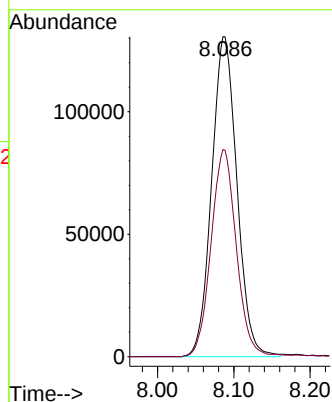
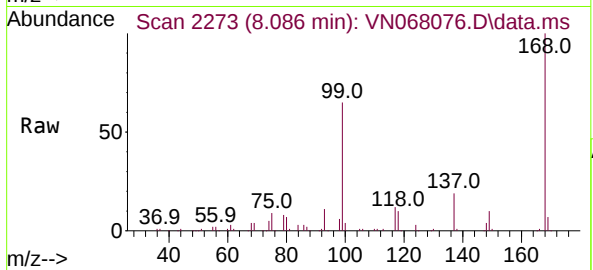




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN068076.D
Acq: 11 Aug 2021 17:27

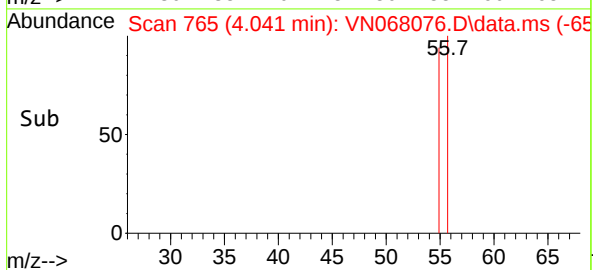
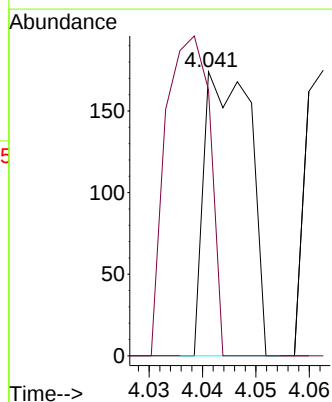
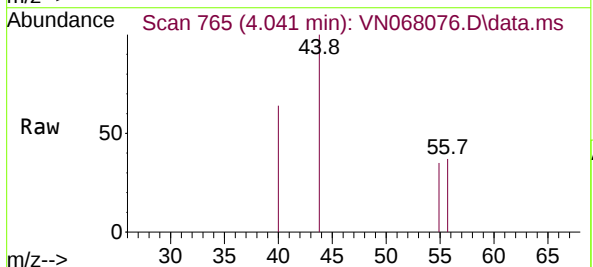
Instrument :
MSVOA_N
ClientSampled :

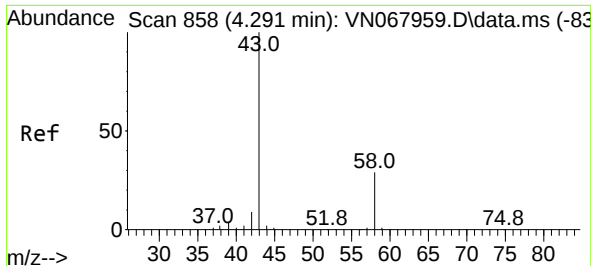
Tgt Ion:168 Resp: 300702
Ion Ratio Lower Upper
168 100
99 64.7 62.9 94.3



#13
Acrolein
Concen: 0.27 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN068076.D
Acq: 11 Aug 2021 17:27

Tgt Ion: 56 Resp: 104
Ion Ratio Lower Upper
56 100
55 107.7 57.4 86.0#

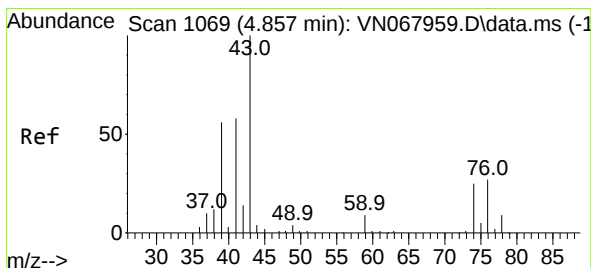
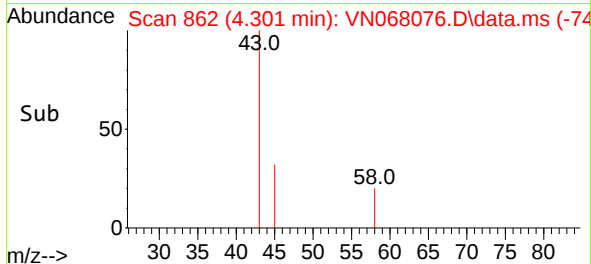
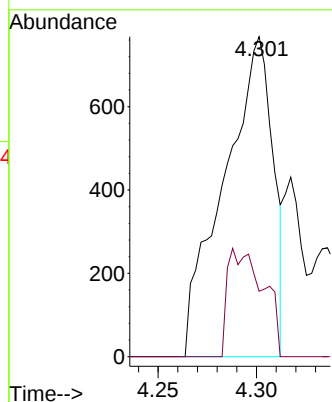
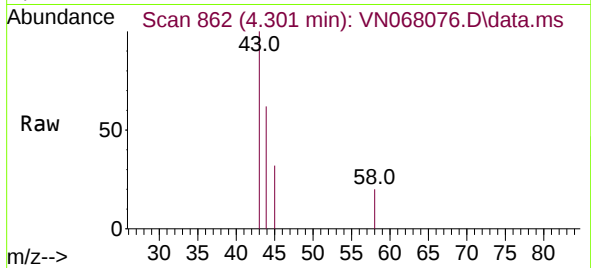




#16
Acetone
Concen: 0.85 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.010 min
Lab File: VN068076.D
Acq: 11 Aug 2021 17:27

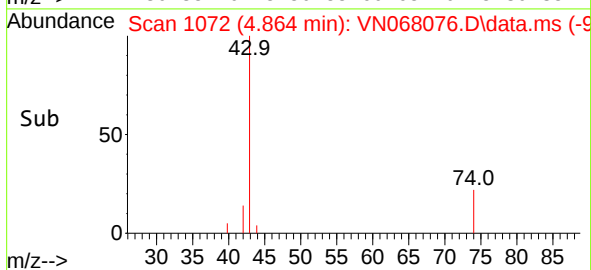
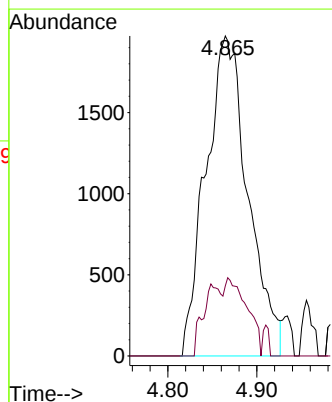
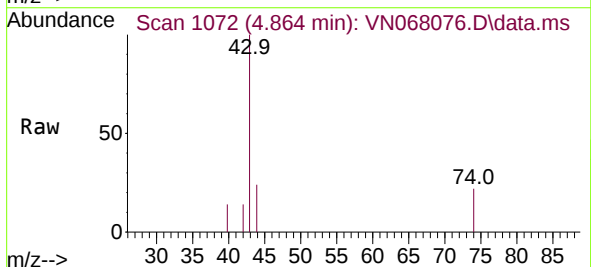
Instrument :
MSVOA_N
ClientSampled :

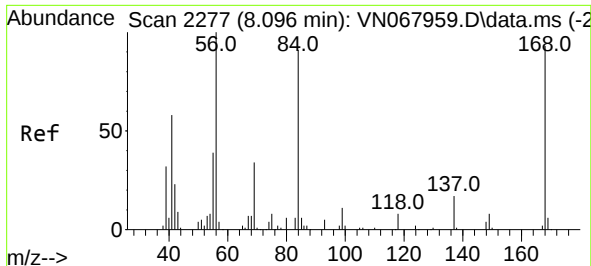
Tgt Ion: 43 Resp: 1328
Ion Ratio Lower Upper
43 100
58 20.4 21.2 31.8#



#18
Methyl Acetate
Concen: 1.64 ug/l
RT: 4.864 min Scan# 1072
Delta R.T. 0.007 min
Lab File: VN068076.D
Acq: 11 Aug 2021 17:27

Tgt Ion: 43 Resp: 6484
Ion Ratio Lower Upper
43 100
74 12.9 17.4 26.0#

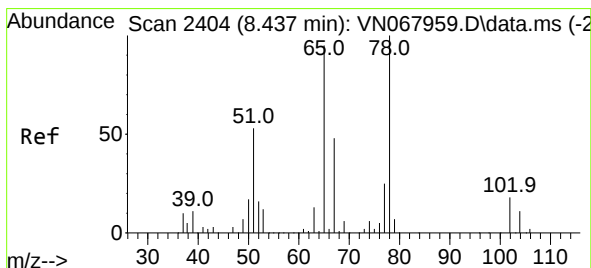
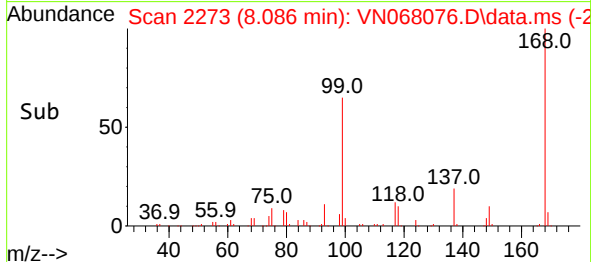
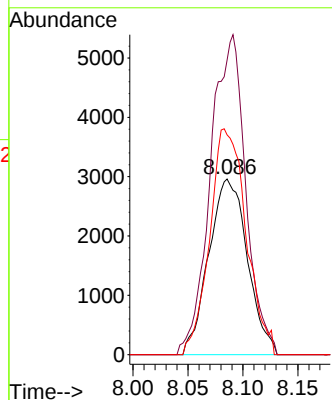
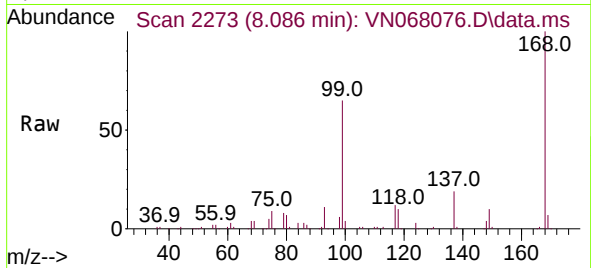




#31
Cyclohexane
Concen: 1.15 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.010 min
Lab File: VN068076.D
Acq: 11 Aug 2021 17:27

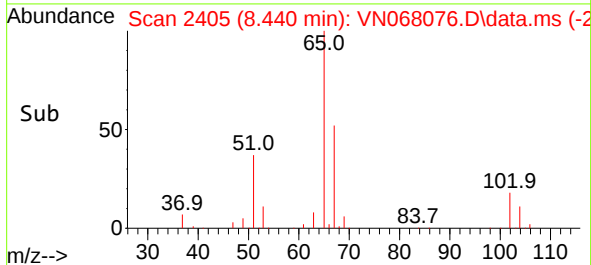
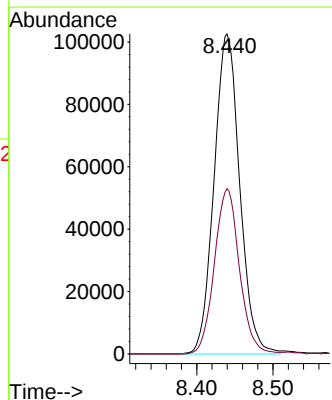
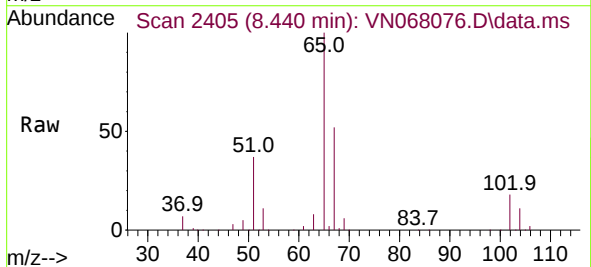
Instrument :
MSVOA_N
ClientSampled :

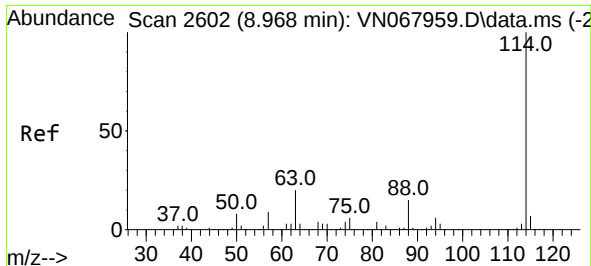
Tgt Ion: 56 Resp: 7239
Ion Ratio Lower Upper
56 100
69 167.6 27.3 40.9#
84 125.1 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 56.35 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN068076.D
Acq: 11 Aug 2021 17:27

Tgt Ion: 65 Resp: 239870
Ion Ratio Lower Upper
65 100
67 50.4 0.0 98.6

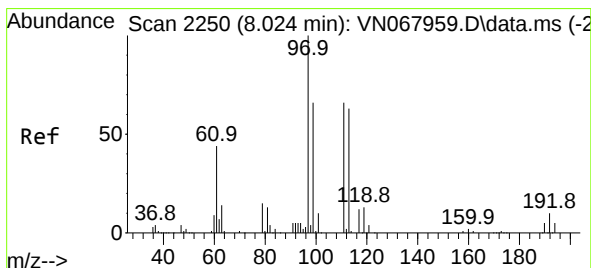
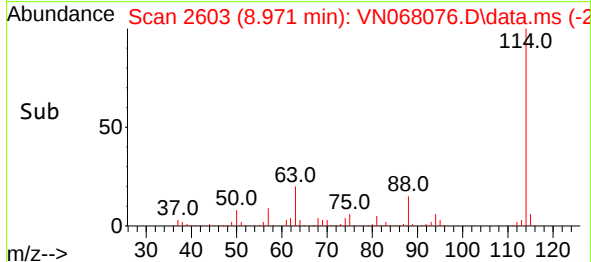
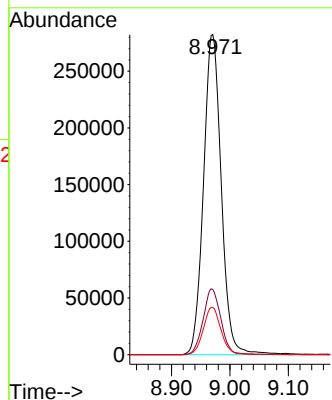
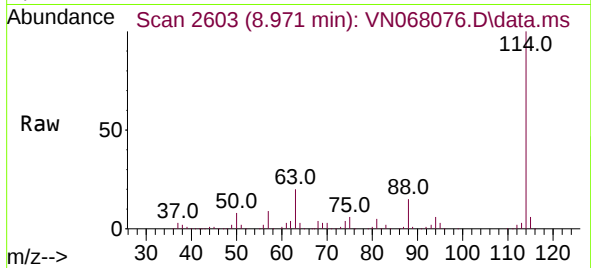




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068076.D
Acq: 11 Aug 2021 17:27

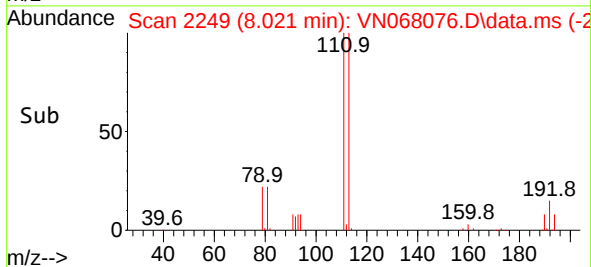
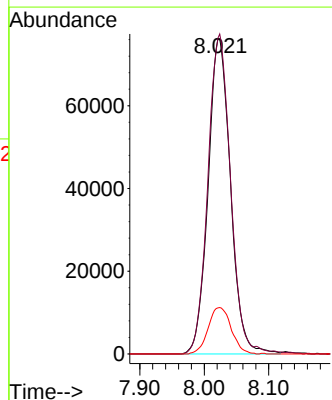
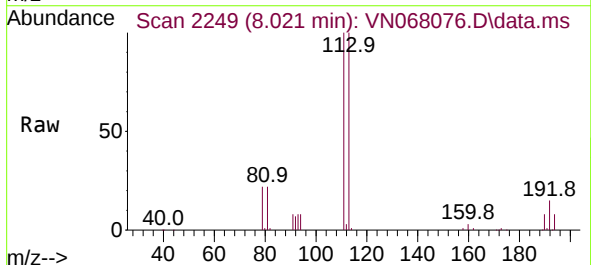
Instrument :
MSVOA_N
ClientSampled :

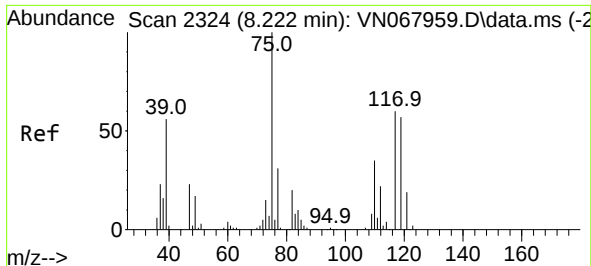
Tgt Ion:114 Resp: 597217
Ion Ratio Lower Upper
114 100
63 20.3 0.0 49.0
88 14.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 53.00 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN068076.D
Acq: 11 Aug 2021 17:27

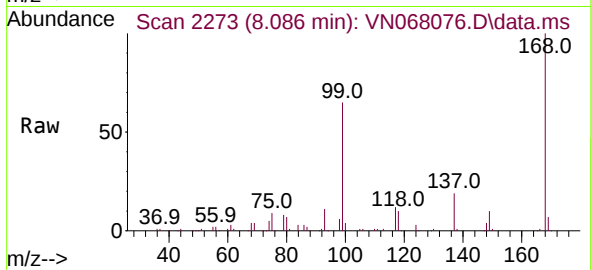
Tgt Ion:113 Resp: 184476
Ion Ratio Lower Upper
113 100
111 102.3 83.8 125.8
192 15.2 13.4 20.0



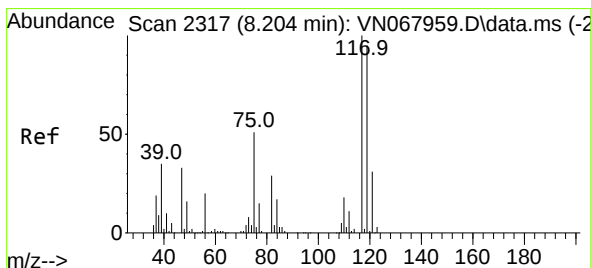
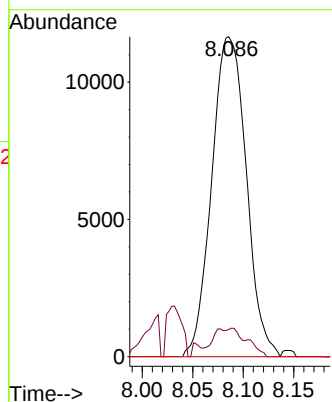
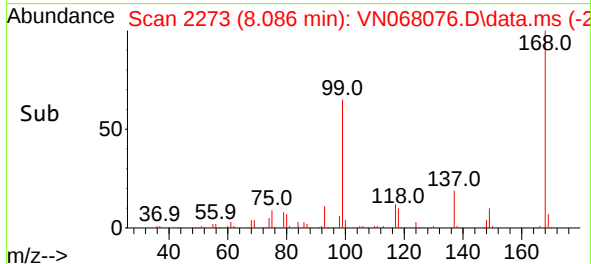


#36
1,1-Dichloropropene
Concen: 5.01 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.136 min
Lab File: VN068076.D
Acq: 11 Aug 2021 17:27

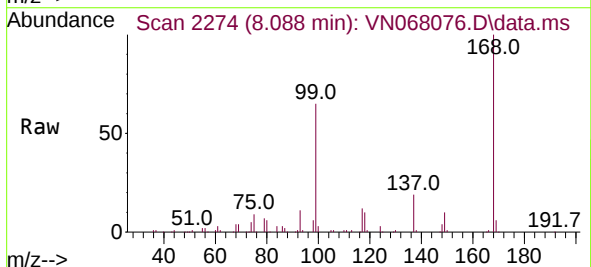
Instrument :
MSVOA_N
ClientSampled :



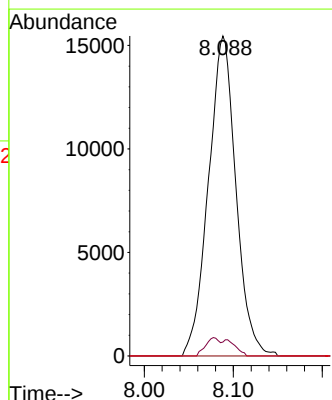
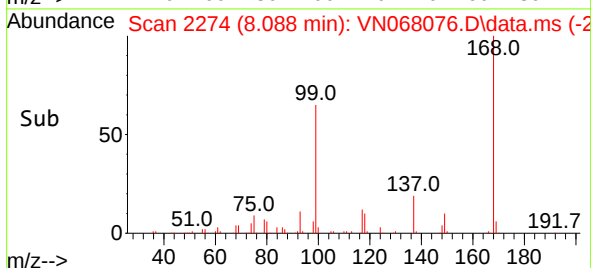
Tgt Ion: 75 Resp: 27696
Ion Ratio Lower Upper
75 100
110 1.7 15.7 47.0#
77 0.0 24.6 37.0#

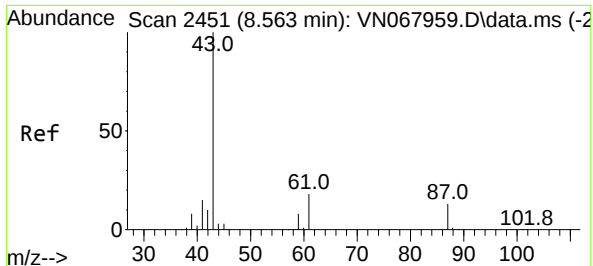


#38
Carbon Tetrachloride
Concen: 6.11 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.116 min
Lab File: VN068076.D
Acq: 11 Aug 2021 17:27



Tgt Ion: 117 Resp: 33187
Ion Ratio Lower Upper
117 100
119 4.4 75.4 113.2#
121 0.0 23.5 35.3#

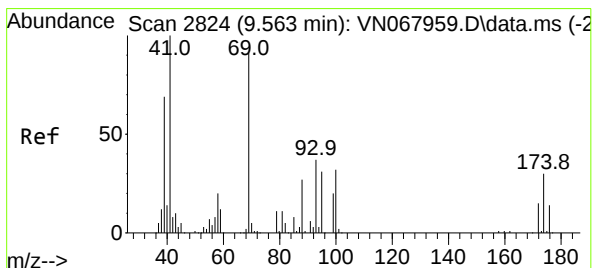
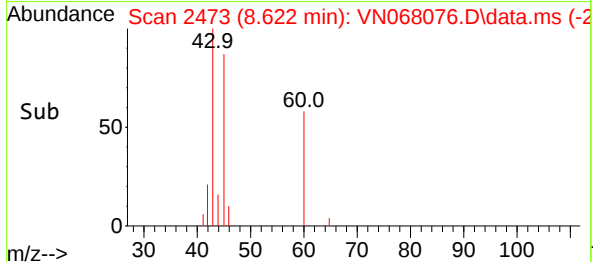
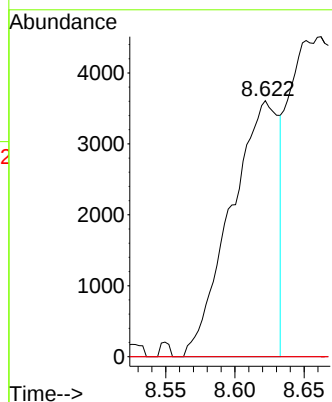
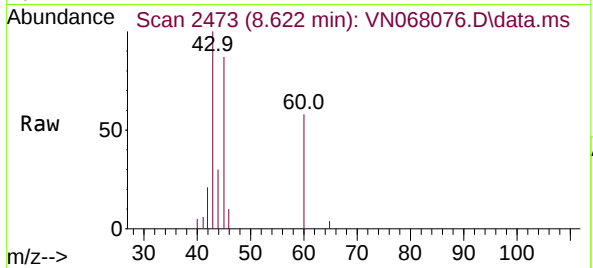




#43
Isopropyl Acetate
Concen: 1.00 ug/l
RT: 8.622 min Scan# 2473
Delta R.T. 0.059 min
Lab File: VN068076.D
Acq: 11 Aug 2021 17:27

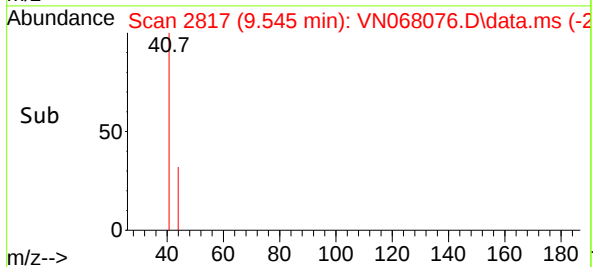
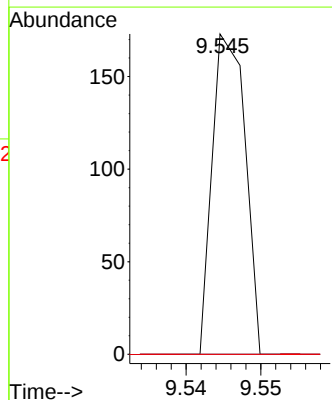
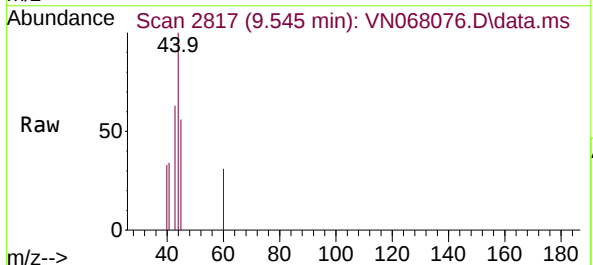
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MSVOA_N
ClientSampled :

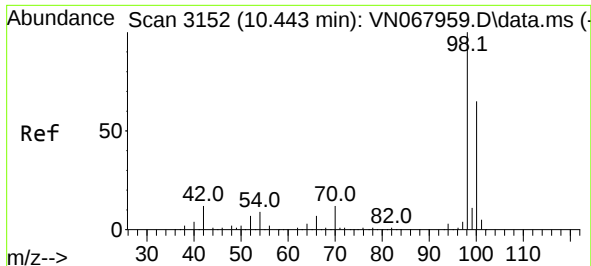
Tgt Ion: 43 Resp: 8696
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#



#48
Methyl methacrylate
Concen: 2.32 ug/l
RT: 9.545 min Scan# 2817
Delta R.T. -0.018 min
Lab File: VN068076.D
Acq: 11 Aug 2021 17:27

Tgt Ion: 41 Resp: 53
Ion Ratio Lower Upper
41 100
69 0.0 64.6 96.8#
39 0.0 53.3 79.9#

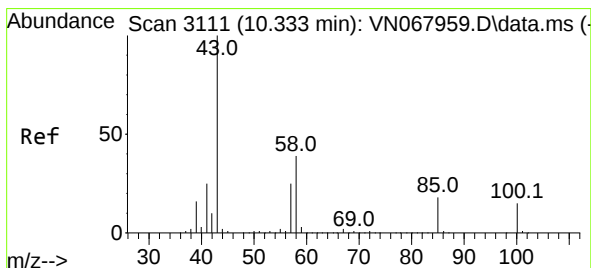
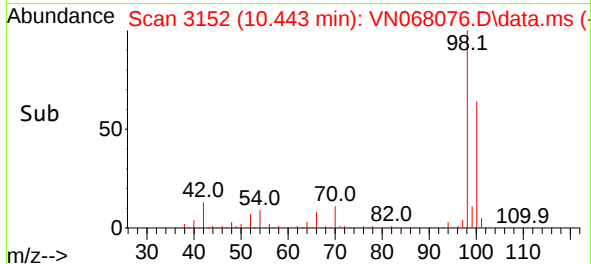
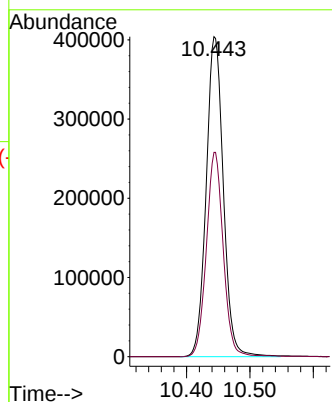
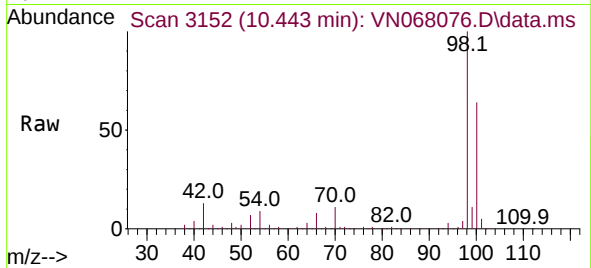




#50
Toluene-d8
Concen: 47.48 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068076.D
Acq: 11 Aug 2021 17:27

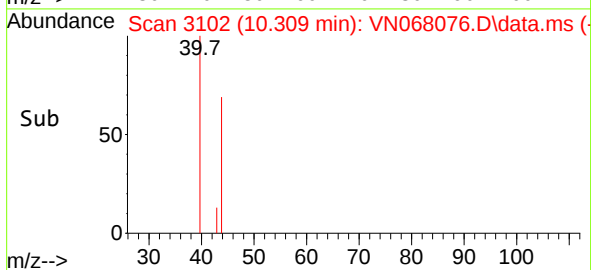
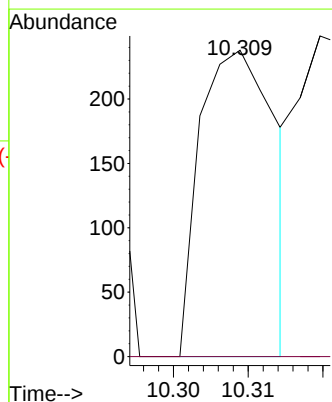
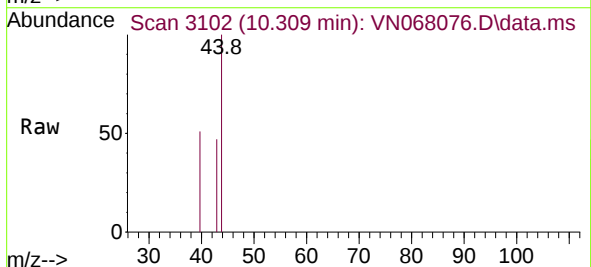
Instrument :
MSVOA_N
ClientSampled :

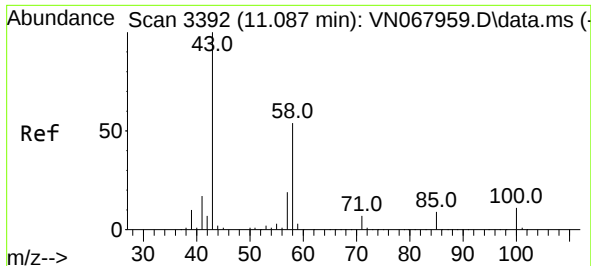
Tgt Ion: 98 Resp: 759353
Ion Ratio Lower Upper
98 100
100 62.9 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 12.59 ug/l
RT: 10.309 min Scan# 3102
Delta R.T. -0.024 min
Lab File: VN068076.D
Acq: 11 Aug 2021 17:27

Tgt Ion: 43 Resp: 167
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#

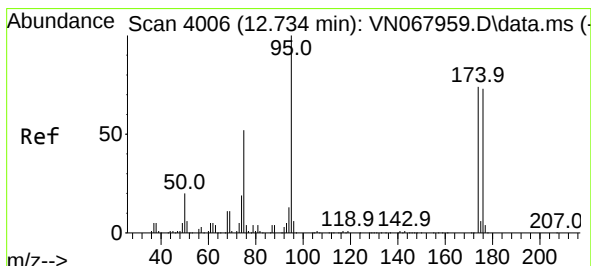
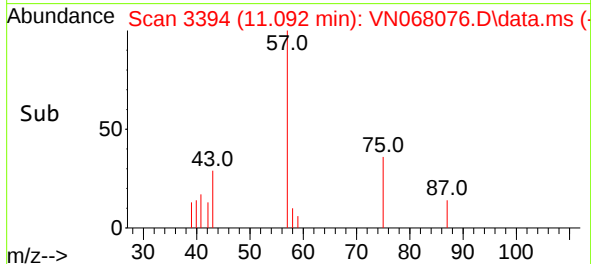
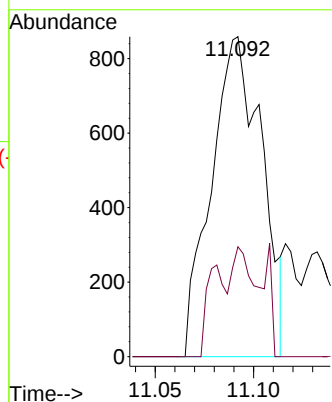
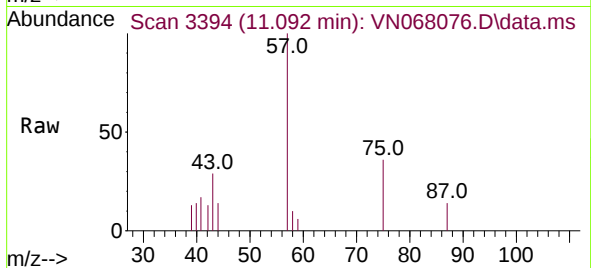




#59
2-Hexanone
Concen: 13.61 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN068076.D
Acq: 11 Aug 2021 17:27

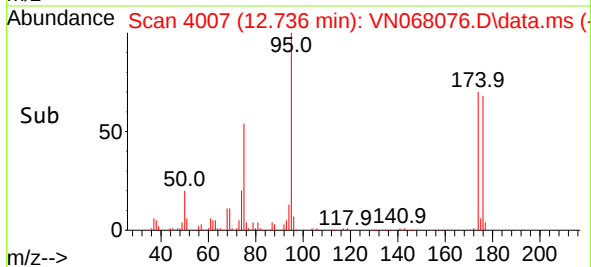
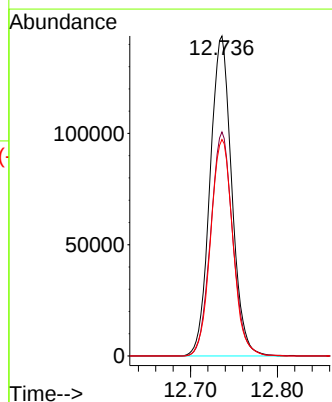
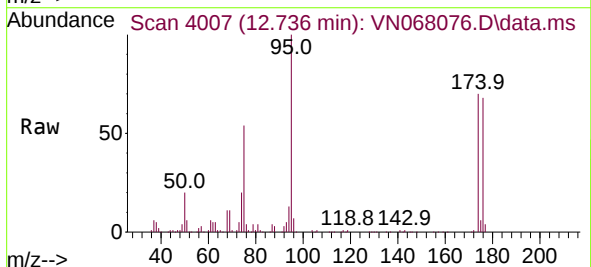
Instrument :
MSVOA_N
ClientSampled :

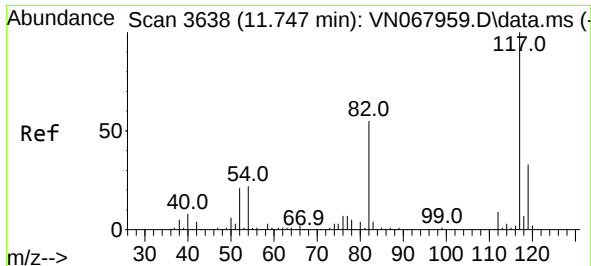
Tgt Ion: 43 Resp: 1531
Ion Ratio Lower Upper
43 100
58 6.5 24.7 74.1#



#62
4-Bromofluorobenzene
Concen: 43.18 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.002 min
Lab File: VN068076.D
Acq: 11 Aug 2021 17:27

Tgt Ion: 95 Resp: 249449
Ion Ratio Lower Upper
95 100
174 71.2 0.0 122.0
176 69.2 0.0 117.6

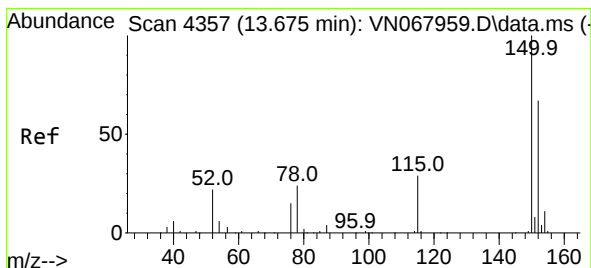
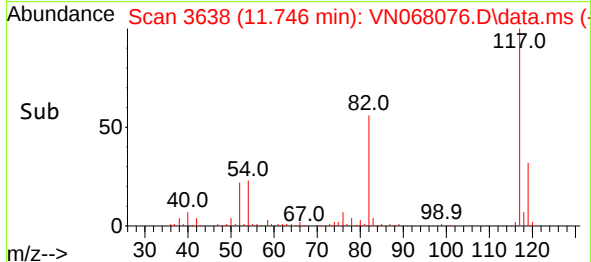
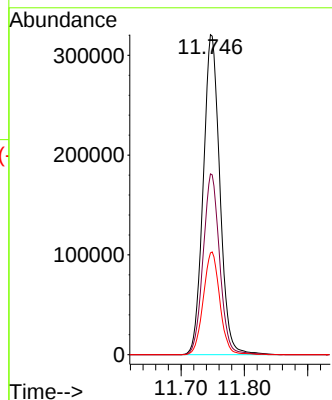
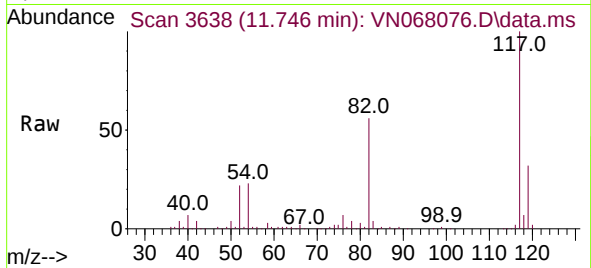




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068076.D
Acq: 11 Aug 2021 17:27

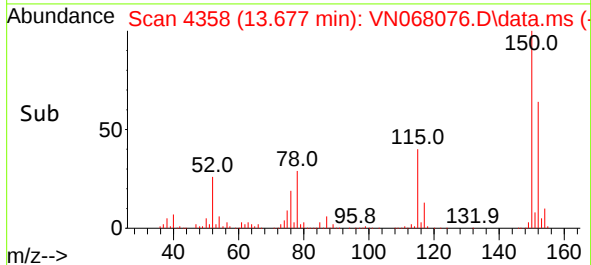
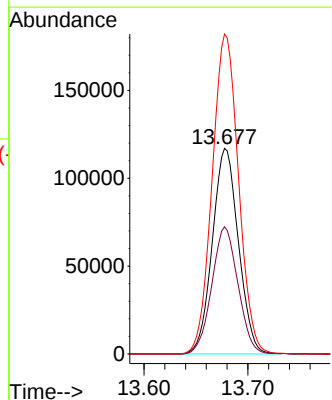
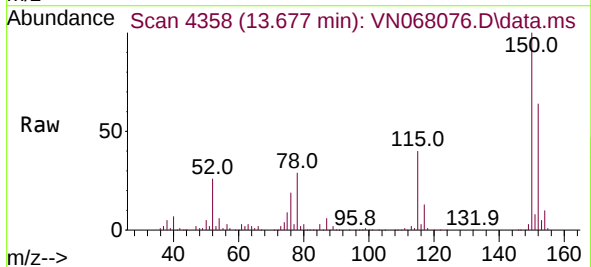
Instrument :
MSVOA_N
ClientSampleId :

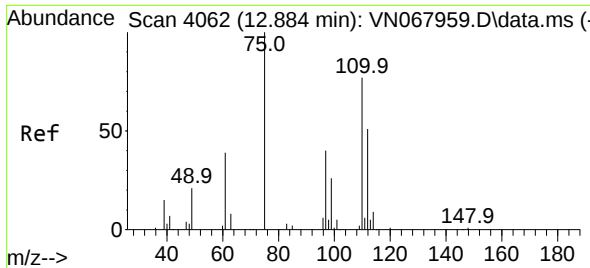
Tgt Ion:117 Resp: 583717
Ion Ratio Lower Upper
117 100
82 56.5 53.1 79.7
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN068076.D
Acq: 11 Aug 2021 17:27

Tgt Ion:152 Resp: 203817
Ion Ratio Lower Upper
152 100
115 62.1 36.1 108.5
150 157.7 0.0 351.8

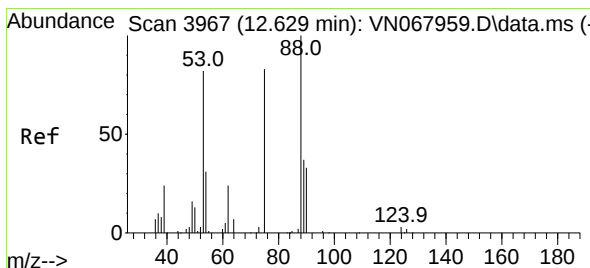
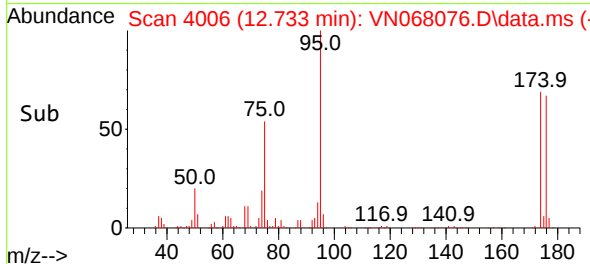
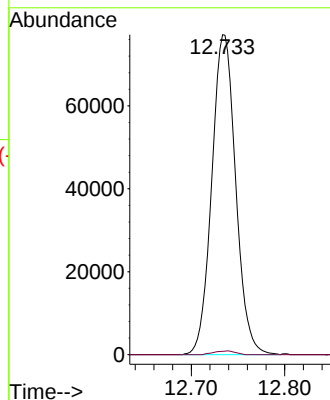
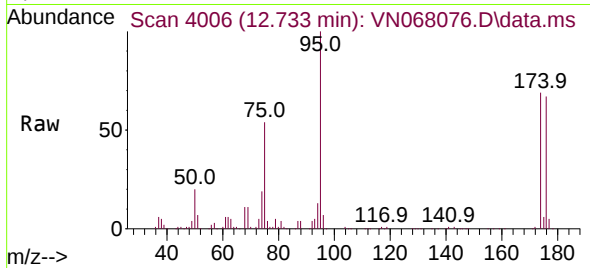




#76
1,2,3-Trichloropropane
Concen: 33.56 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN068076.D
Acq: 11 Aug 2021 17:27

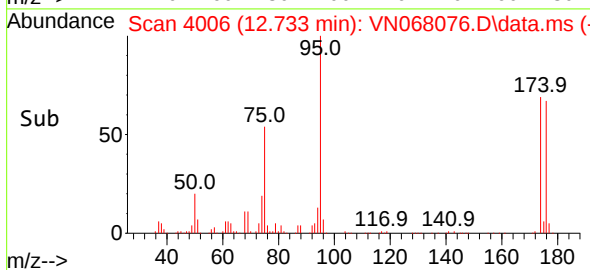
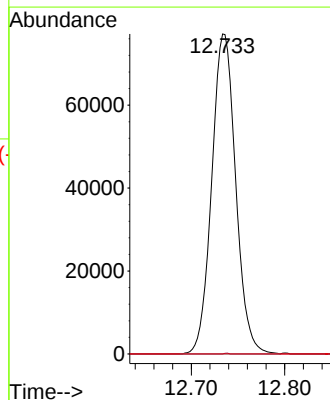
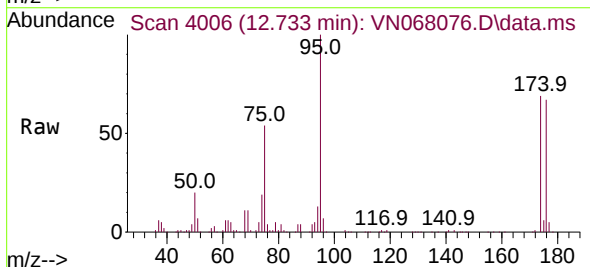
Instrument :
MSVOA_N
ClientSampleId :

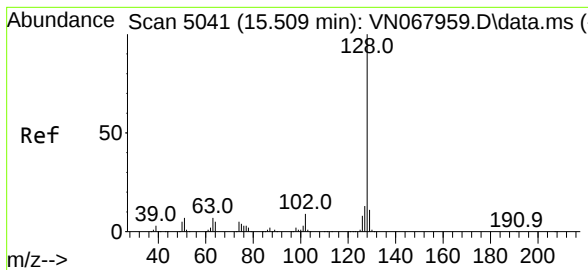
Tgt Ion: 75 Resp: 137351
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.00 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN068076.D
Acq: 11 Aug 2021 17:27

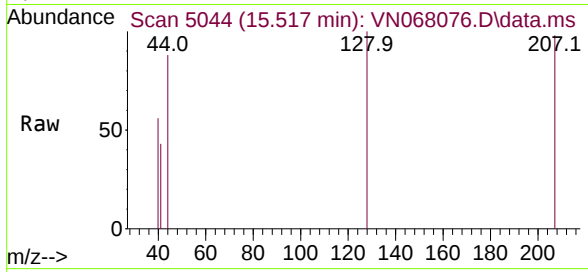
Tgt Ion: 75 Resp: 137351
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#





#95
Naphthalene
Concen: 3.19 ug/l
RT: 15.517 min Scan# 5044
Delta R.T. 0.008 min
Lab File: VN068076.D
Acq: 11 Aug 2021 17:27

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	668
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	15.8#
129	0.0	8.6	12.8#

