

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010623\
 Data File : VN076128.D
 Acq On : 06 Jan 2023 13:00
 Operator : JC\MD
 Sample : 01049-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-BR-04-340-361-010523

Quant Time: Jan 06 22:54:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

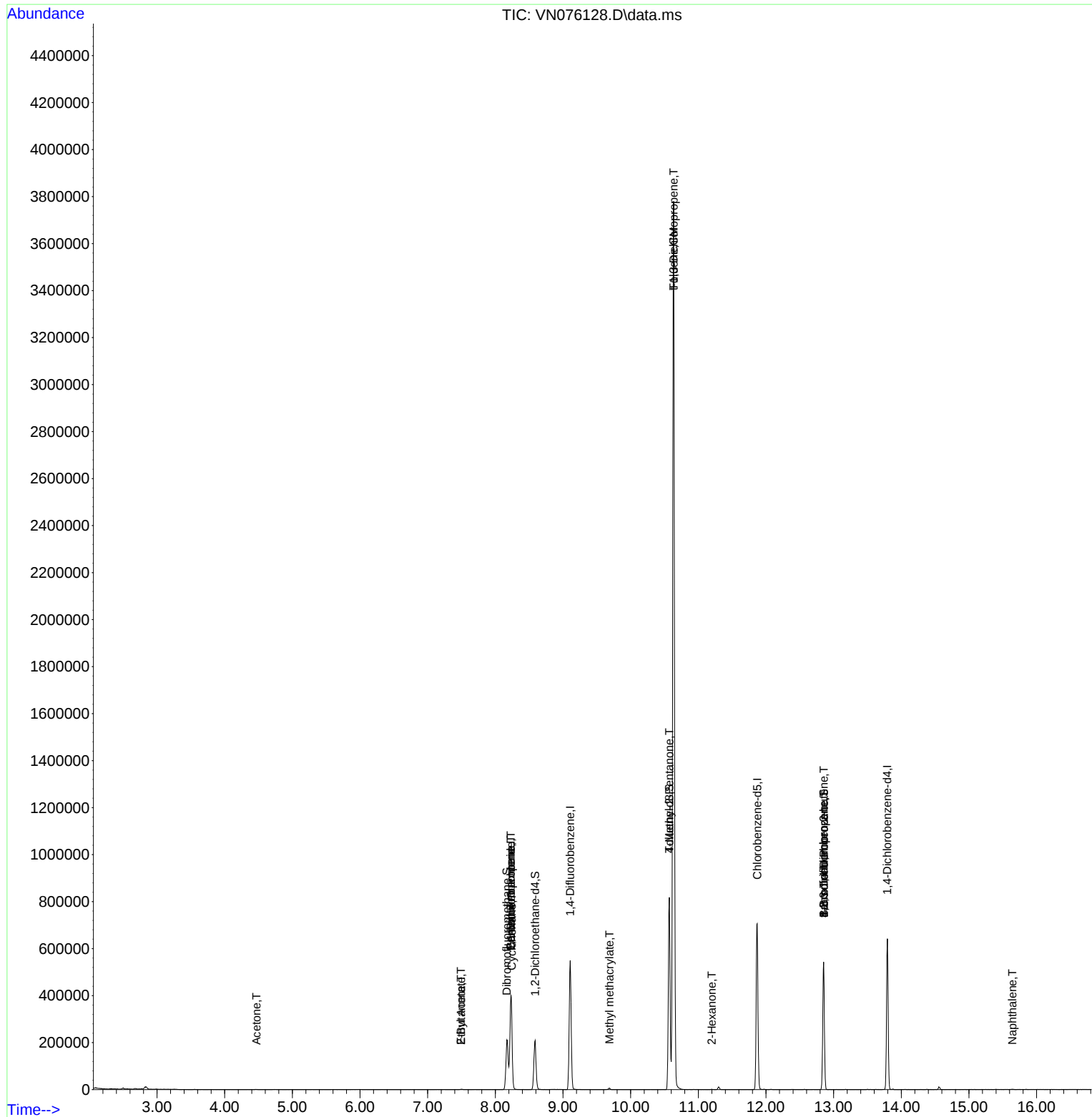
Internal Standards						
1) Pentafluorobenzene	8.230	168	310429	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	499918	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	440246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	177945	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	166328	49.251	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.500%		
35) Dibromofluoromethane	8.171	113	151373	48.894	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.780%		
50) Toluene-d8	10.571	98	577110	49.857	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.720%		
62) 4-Bromofluorobenzene	12.853	95	179718	46.876	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.760%		
Target Compounds						
					Qvalue	
16) Acetone	4.471	43	1392	1.196	ug/l #	39
20) Methylene Chloride	5.283	84	273	Below Cal	#	12
25) 2-Butanone	7.494	43	2236	1.372	ug/l	99
31) Cyclohexane	8.241	56	6007	1.242	ug/l #	16
36) 1,1-Dichloropropene	8.230	75	23081	5.612	ug/l #	50
37) Ethyl Acetate	7.494	43	2236	0.677	ug/l #	72
38) Carbon Tetrachloride	8.230	117	31895	6.929	ug/l #	17
48) Methyl methacrylate	9.688	41	2936	1.196	ug/l	89
51) 4-Methyl-2-Pentanone	10.571	43	2351	0.713	ug/l #	1
52) Toluene	10.635	92	1739358	210.475	ug/l	100
53) t-1,3-Dichloropropene	10.635	75	19653	4.470	ug/l #	1
59) 2-Hexanone	11.200	43	1148	0.478	ug/l	70
71) Bromoform	12.853	173	1491	0.612	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	92624	25.823	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	92624	92.948	ug/l #	12
95) Naphthalene	15.641	128	1676	2.343	ug/l #	86

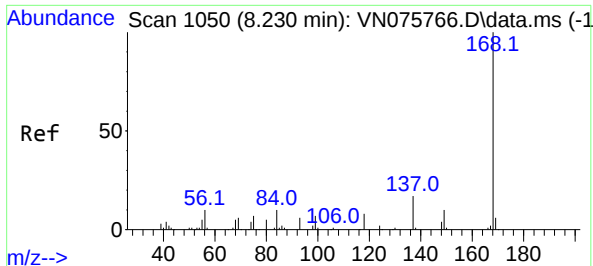
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
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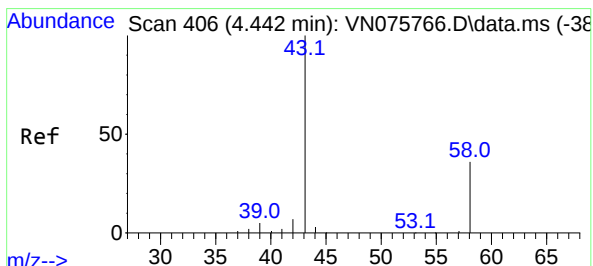
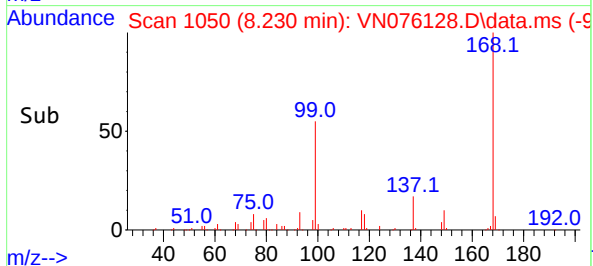
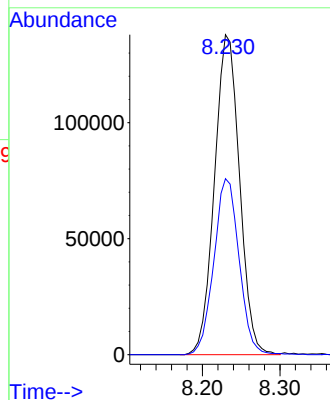
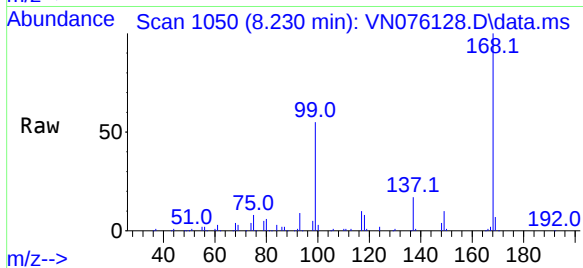




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076128.D
Acq: 06 Jan 2023 13:00

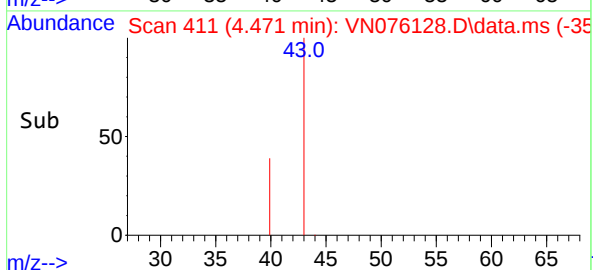
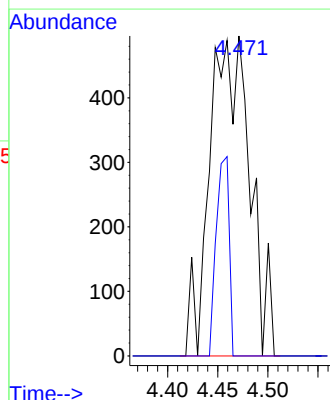
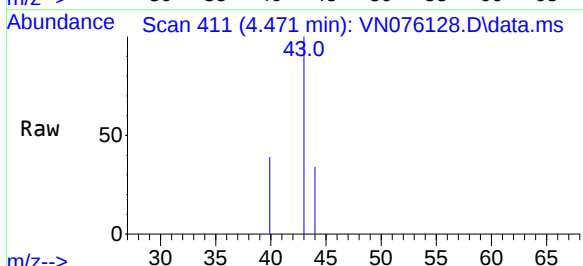
Instrument : MSVOA_N
ClientSampleId : GWOW-BR-04-340-361-010523

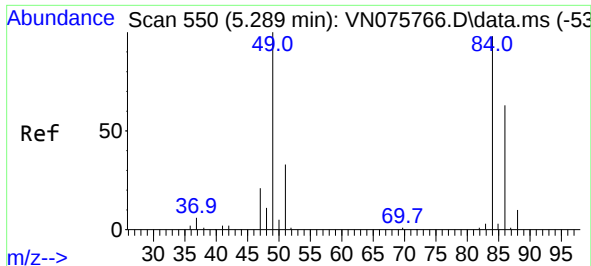
Tgt Ion:168 Resp: 310429
Ion Ratio Lower Upper
168 100
99 55.0 44.2 66.4



#16
Acetone
Concen: 1.196 ug/l
RT: 4.471 min Scan# 411
Delta R.T. 0.029 min
Lab File: VN076128.D
Acq: 06 Jan 2023 13:00

Tgt Ion: 43 Resp: 1392
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#

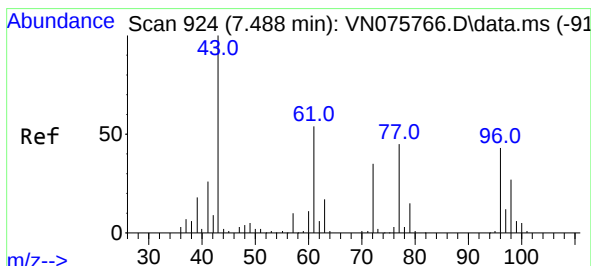
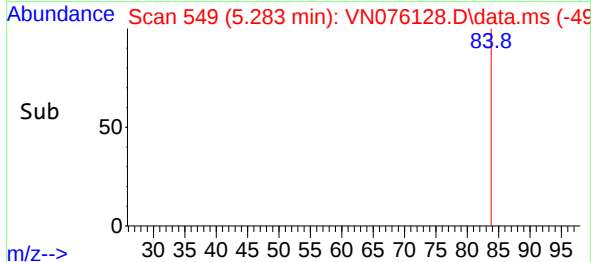
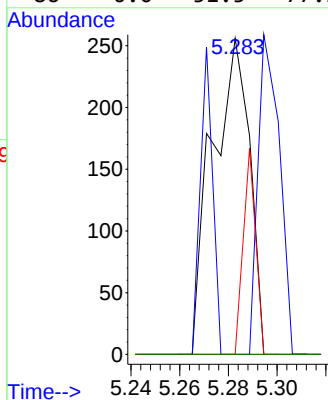
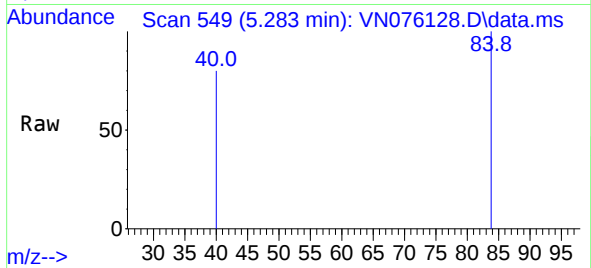




#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 54
Delta R.T. -0.006 min
Lab File: VN076128.D
Acq: 06 Jan 2023 13:00

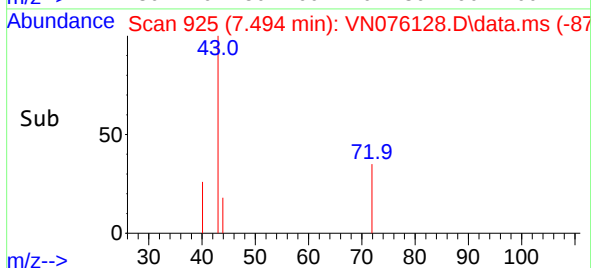
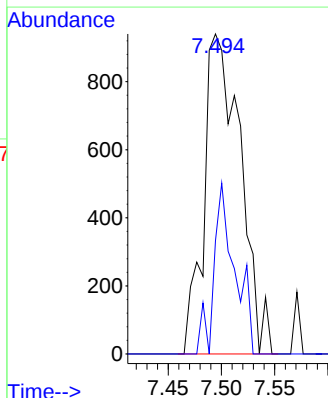
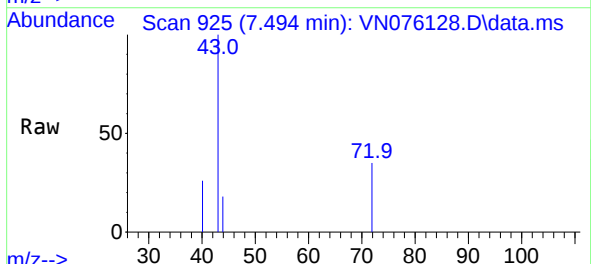
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-340-361-010523

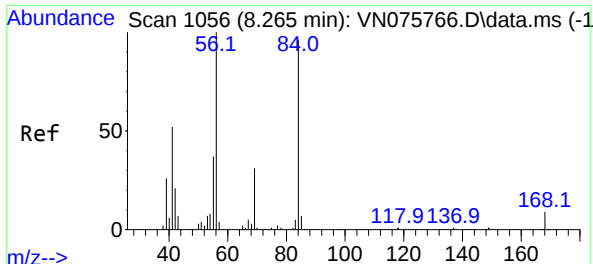
Tgt Ion:	84	Resp:	273
Ion	Ratio	Lower	Upper
84	100		
49	0.0	81.8	122.6#
51	0.0	26.7	40.1#
86	0.0	51.5	77.3#



#25
2-Butanone
Concen: 1.372 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.006 min
Lab File: VN076128.D
Acq: 06 Jan 2023 13:00

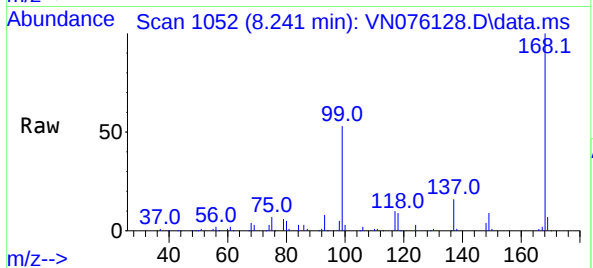
Tgt Ion:	43	Resp:	2236
Ion	Ratio	Lower	Upper
43	100		
72	35.4	28.0	42.0



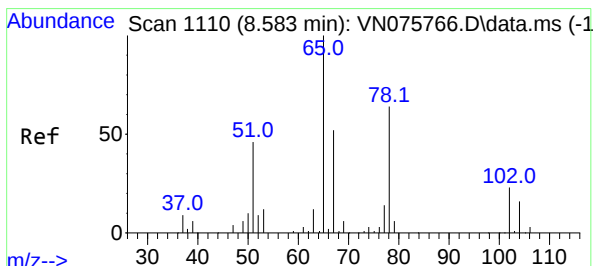
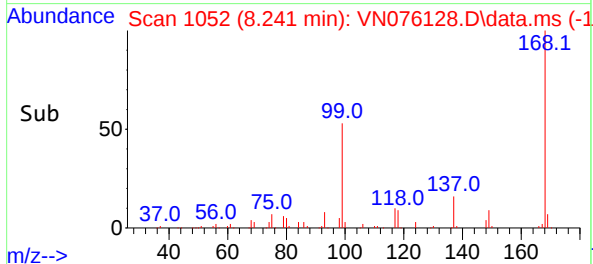
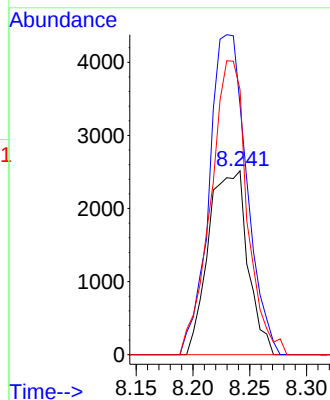


#31
Cyclohexane
Concen: 1.242 ug/l
RT: 8.241 min Scan# 1052
Delta R.T. -0.023 min
Lab File: VN076128.D
Acq: 06 Jan 2023 13:00

Instrument : MSVOA_N
ClientSampleId : GWOW-BR-04-340-361-010523

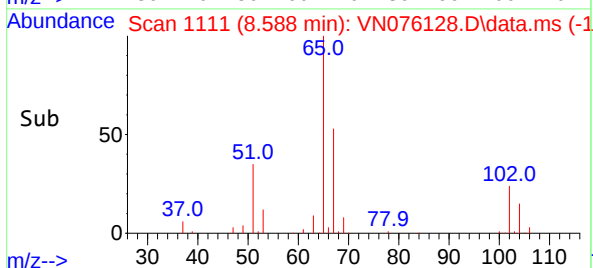
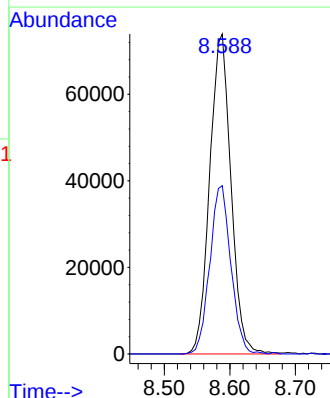
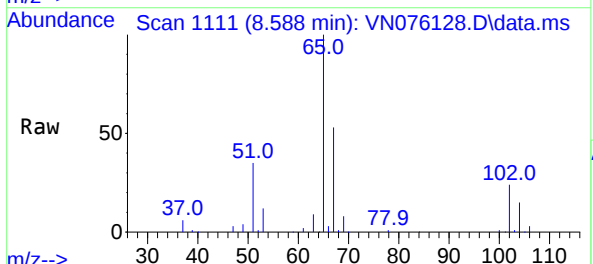


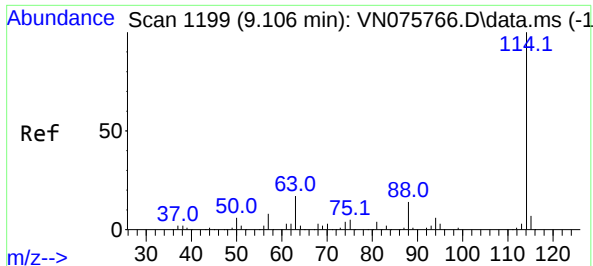
Tgt Ion: 56 Resp: 6007
Ion Ratio Lower Upper
56 100
69 135.9 24.7 37.1#
84 144.1 76.5 114.7#



#33
1,2-Dichloroethane-d4
Concen: 49.251 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076128.D
Acq: 06 Jan 2023 13:00

Tgt Ion: 65 Resp: 166328
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.4

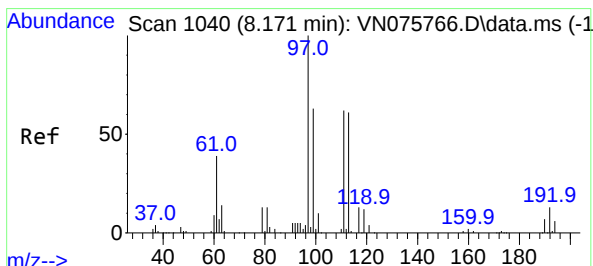
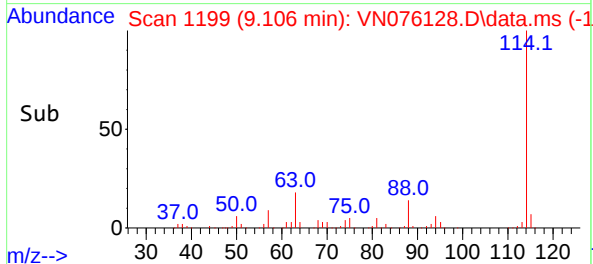
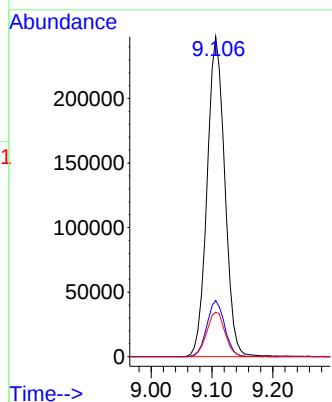
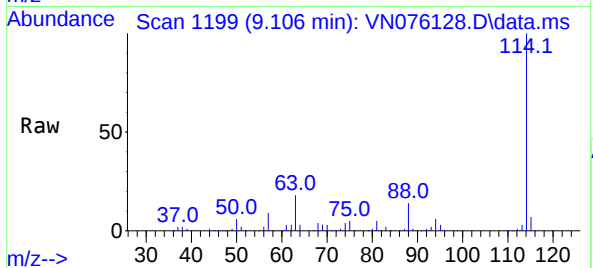




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN076128.D
Acq: 06 Jan 2023 13:00

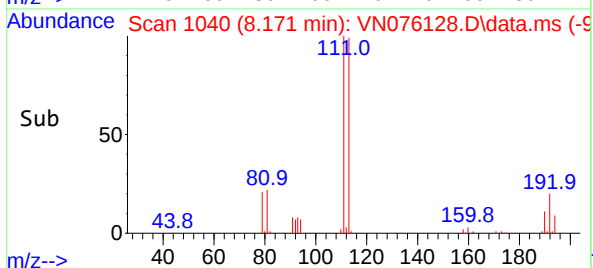
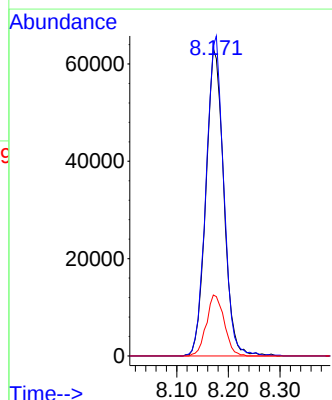
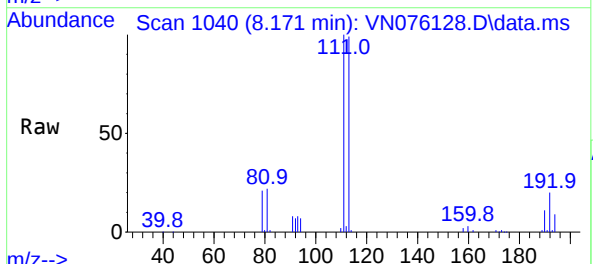
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-340-361-010523

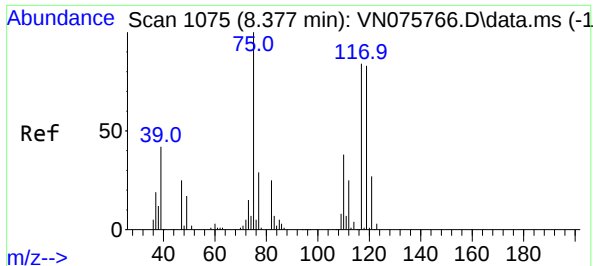
Tgt Ion:114 Resp: 499918
Ion Ratio Lower Upper
114 100
63 17.6 0.0 34.4
88 13.9 0.0 28.8



#35
Dibromofluoromethane
Concen: 48.894 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN076128.D
Acq: 06 Jan 2023 13:00

Tgt Ion:113 Resp: 151373
Ion Ratio Lower Upper
113 100
111 102.5 83.4 125.2
192 19.8 16.1 24.1

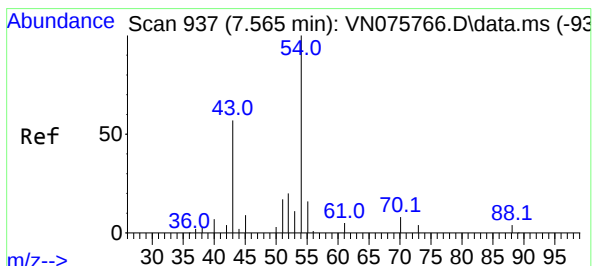
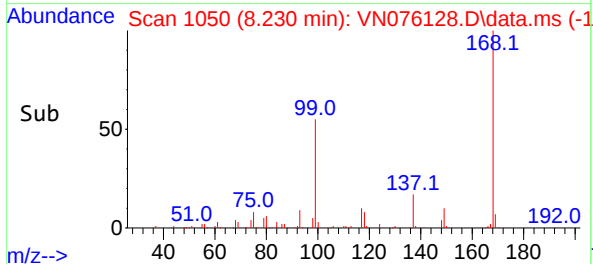
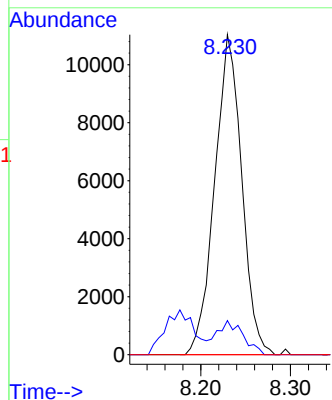
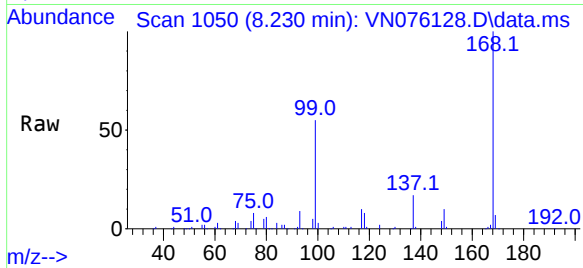




#36
1,1-Dichloropropene
Concen: 5.612 ug/l
RT: 8.230 min Scan# 1075
Delta R.T. -0.147 min
Lab File: VN076128.D
Acq: 06 Jan 2023 13:00

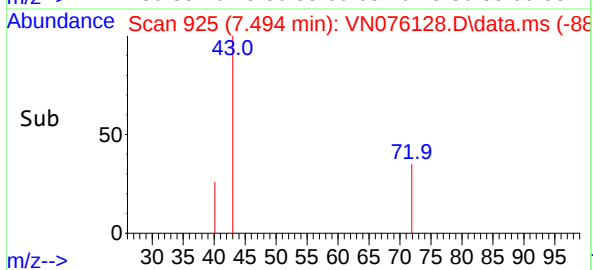
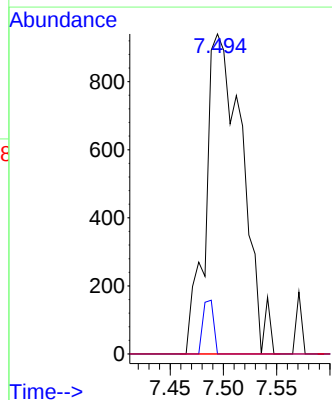
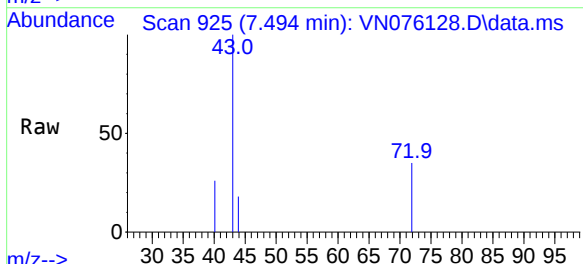
Instrument : MSVOA_N
ClientSampleId : GWOW-BR-04-340-361-010523

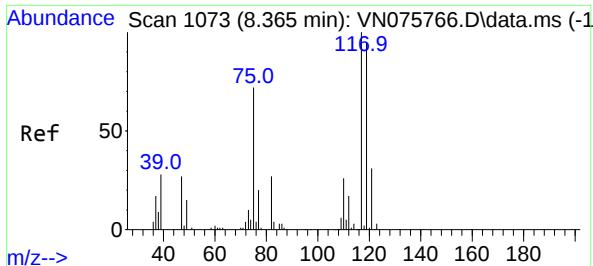
Tgt Ion: 75 Resp: 23081
Ion Ratio Lower Upper
75 100
110 10.4 18.8 56.4#
77 0.0 24.1 36.1#



#37
Ethyl Acetate
Concen: 0.677 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.071 min
Lab File: VN076128.D
Acq: 06 Jan 2023 13:00

Tgt Ion: 43 Resp: 2236
Ion Ratio Lower Upper
43 100
61 4.9 13.0 19.4#
70 0.0 9.4 14.0#

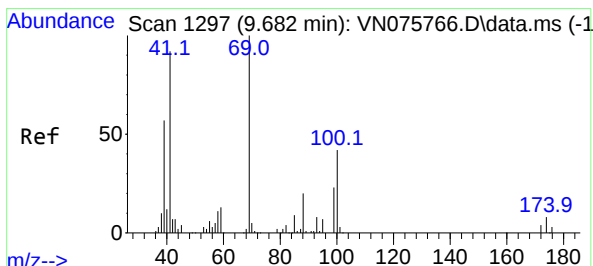
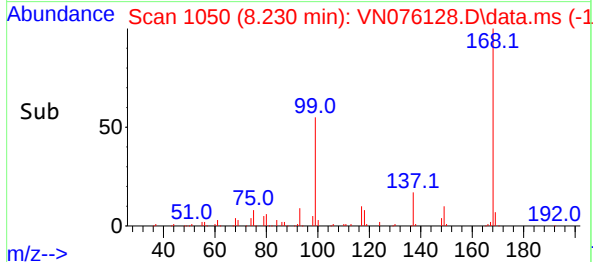
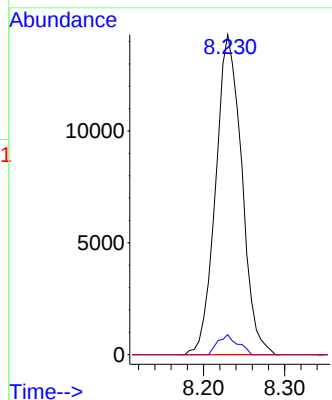
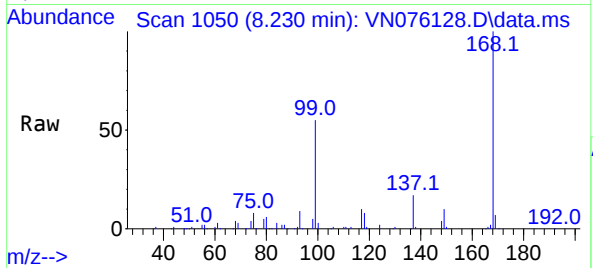




#38
Carbon Tetrachloride
Concen: 6.929 ug/l
RT: 8.230 min Scan# 1073
Delta R.T. -0.135 min
Lab File: VN076128.D
Acq: 06 Jan 2023 13:00

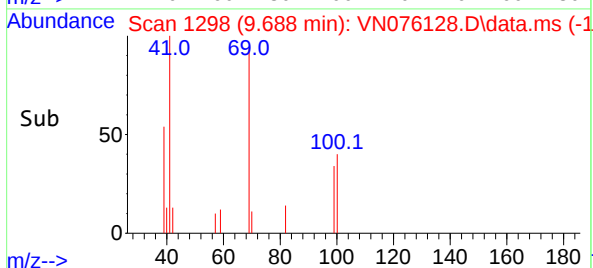
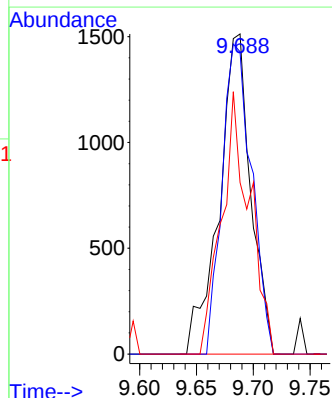
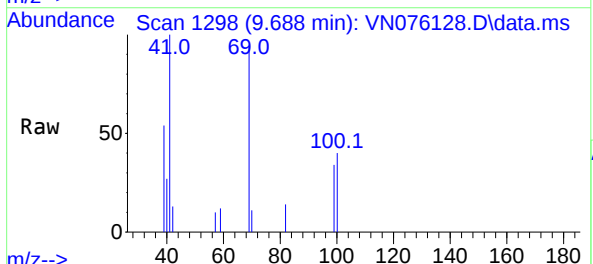
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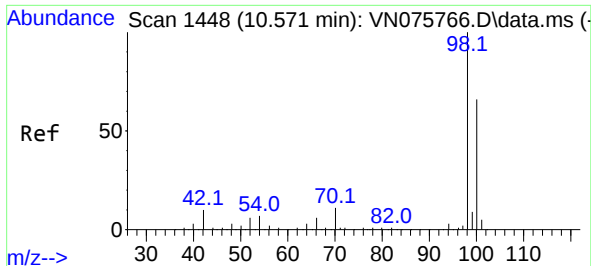
Tgt Ion:117 Resp: 31895
Ion Ratio Lower Upper
117 100
119 6.2 76.1 114.1#
121 0.0 24.5 36.7#



#48
Methyl methacrylate
Concen: 1.196 ug/l
RT: 9.688 min Scan# 1298
Delta R.T. 0.006 min
Lab File: VN076128.D
Acq: 06 Jan 2023 13:00

Tgt Ion: 41 Resp: 2936
Ion Ratio Lower Upper
41 100
69 90.3 81.9 122.9
39 72.9 51.6 77.4

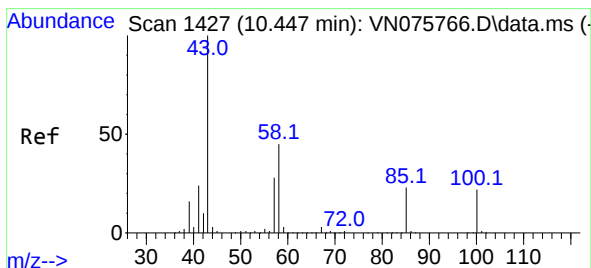
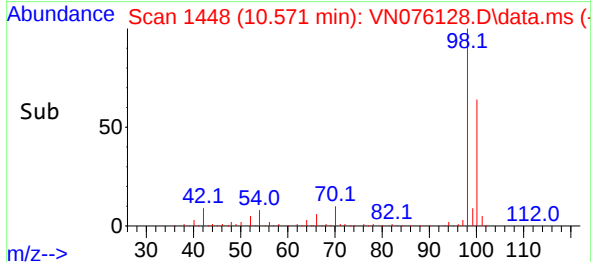
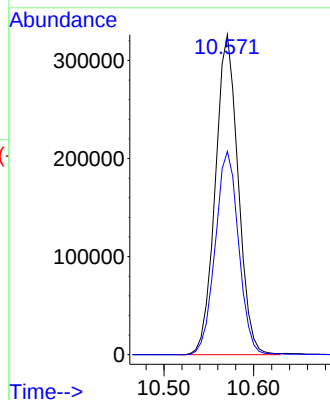
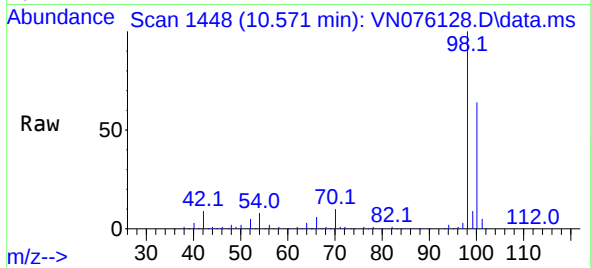




#50
Toluene-d8
Concen: 49.857 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076128.D
Acq: 06 Jan 2023 13:00

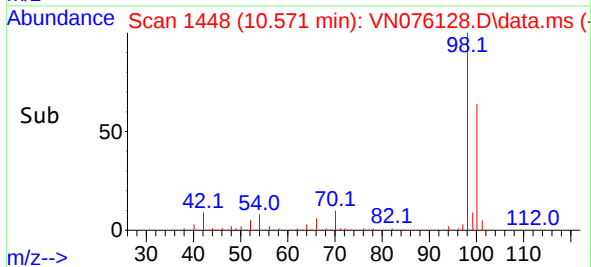
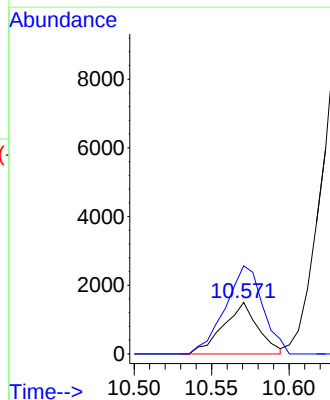
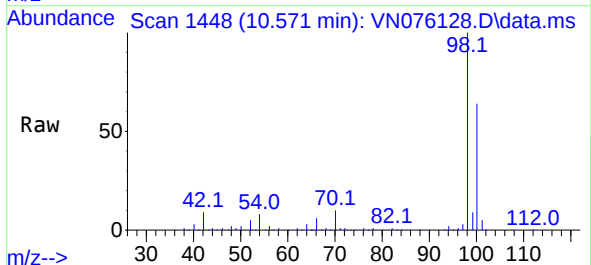
Instrument :
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ClientSampleId :
GWOW-BR-04-340-361-010523

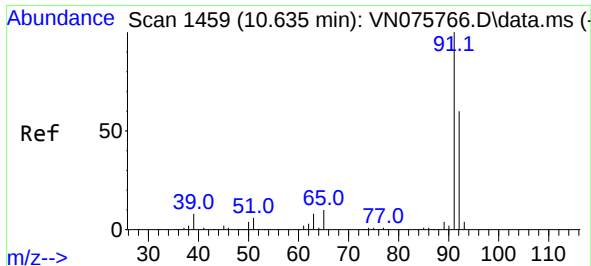
Tgt Ion: 98 Resp: 577110
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.713 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.124 min
Lab File: VN076128.D
Acq: 06 Jan 2023 13:00

Tgt Ion: 43 Resp: 2351
Ion Ratio Lower Upper
43 100
58 185.2 35.5 53.3#

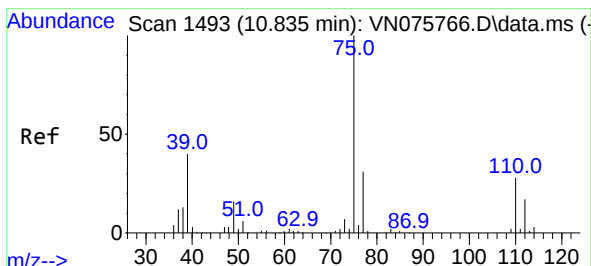
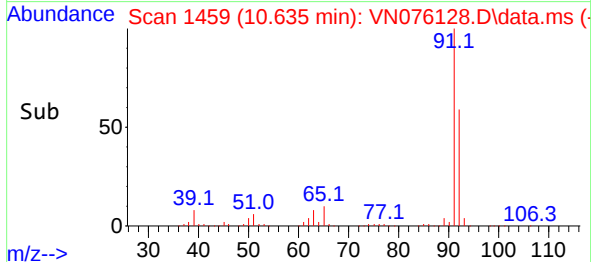
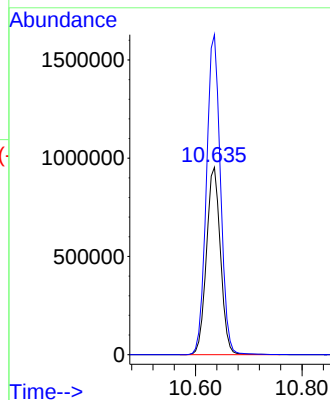
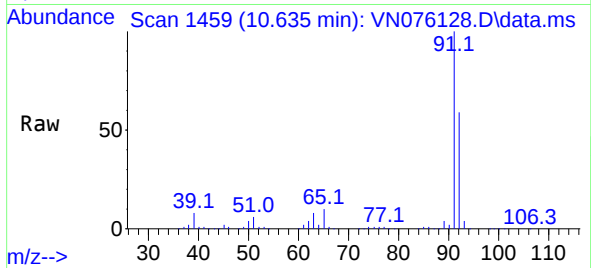




#52
Toluene
Concen: 210.475 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN076128.D
Acq: 06 Jan 2023 13:00

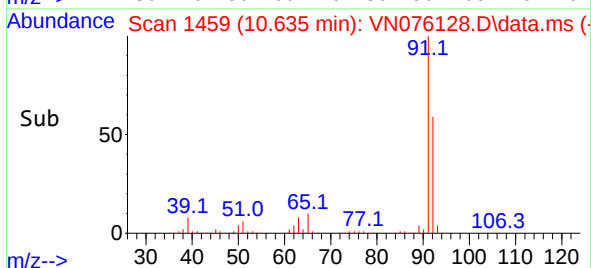
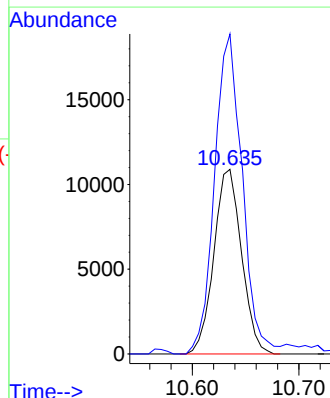
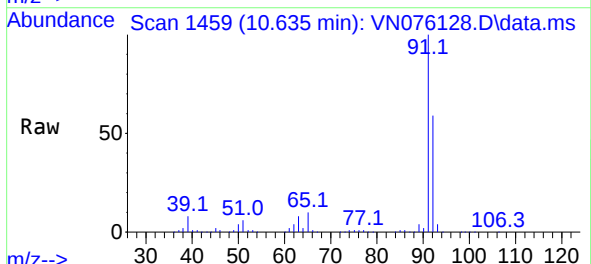
Instrument : MSVOA_N
ClientSampleId : GWOW-BR-04-340-361-010523

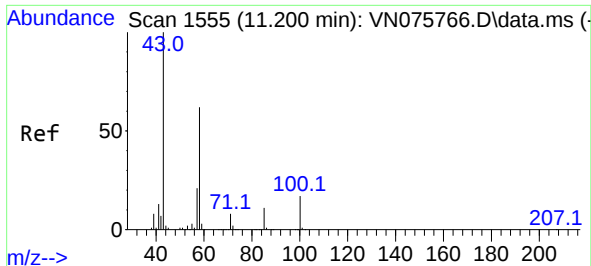
Tgt Ion: 92 Resp: 1739358
Ion Ratio Lower Upper
92 100
91 171.1 137.3 205.9



#53
t-1,3-Dichloropropene
Concen: 4.470 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.200 min
Lab File: VN076128.D
Acq: 06 Jan 2023 13:00

Tgt Ion: 75 Resp: 19653
Ion Ratio Lower Upper
75 100
77 173.4 24.9 37.3#

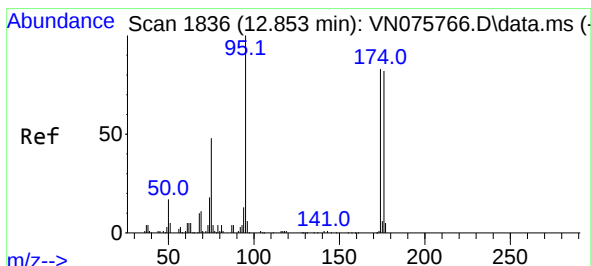
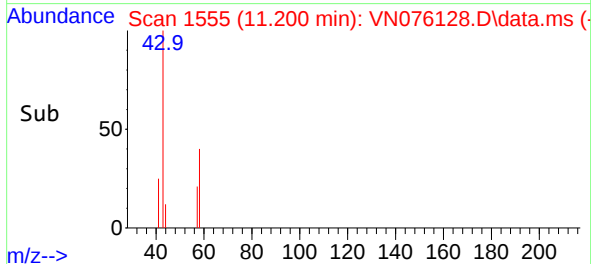
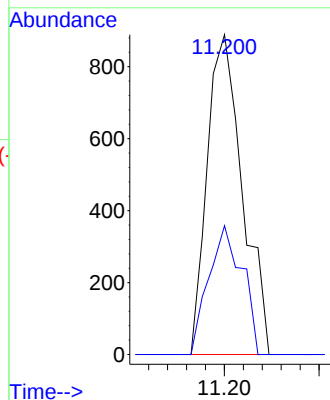
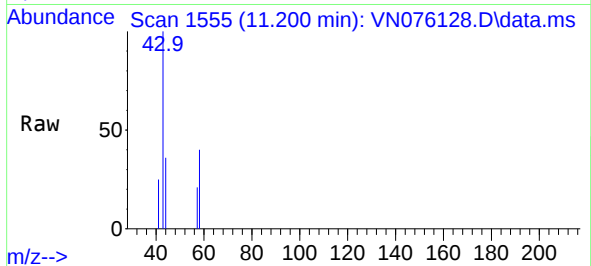




#59
2-Hexanone
Concen: 0.478 ug/l
RT: 11.200 min Scan# 1114
Delta R.T. 0.000 min
Lab File: VN076128.D
Acq: 06 Jan 2023 13:00

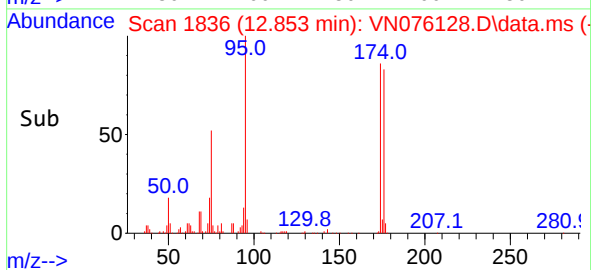
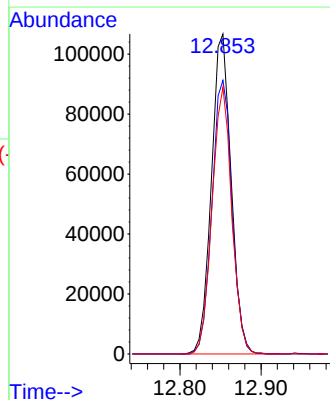
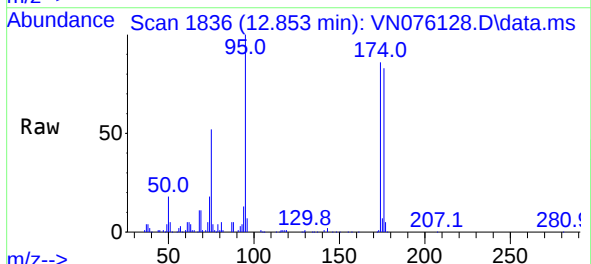
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-340-361-010523

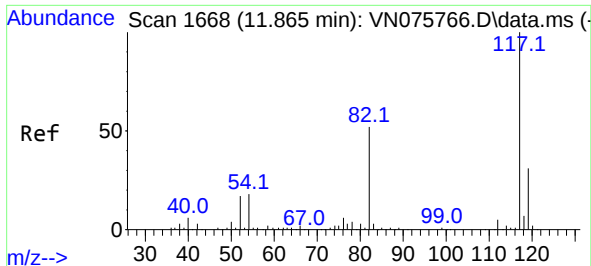
Tgt Ion: 43 Resp: 1148
Ion Ratio Lower Upper
43 100
58 38.3 30.6 92.0



#62
4-Bromofluorobenzene
Concen: 46.876 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076128.D
Acq: 06 Jan 2023 13:00

Tgt Ion: 95 Resp: 179718
Ion Ratio Lower Upper
95 100
174 87.3 0.0 171.6
176 83.1 0.0 169.2

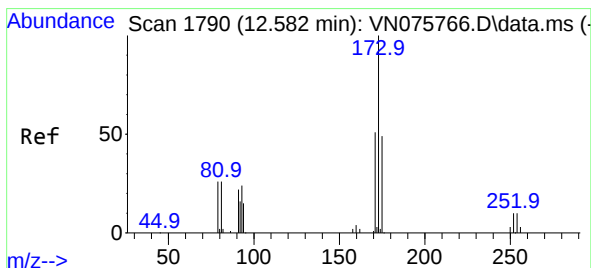
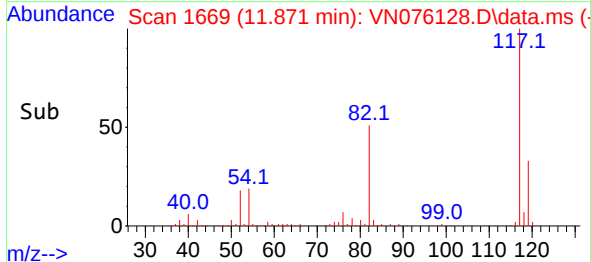
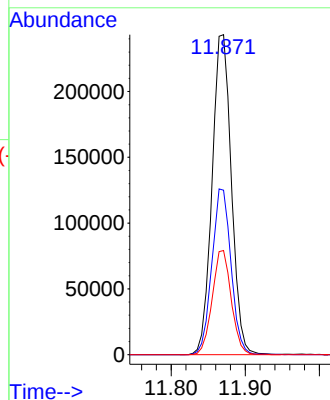
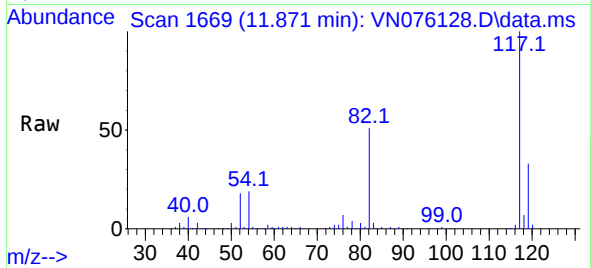




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076128.D
Acq: 06 Jan 2023 13:00

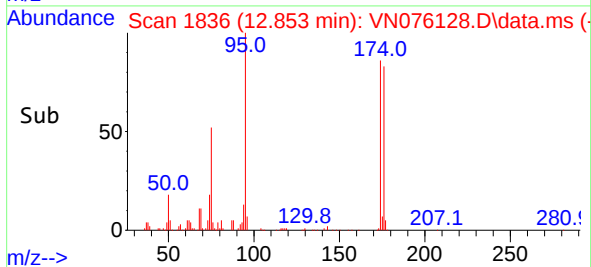
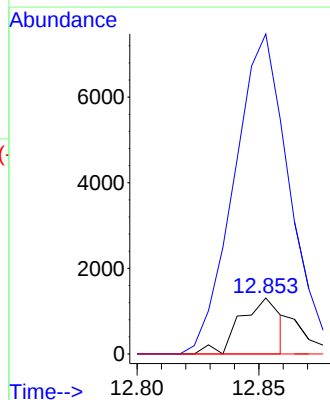
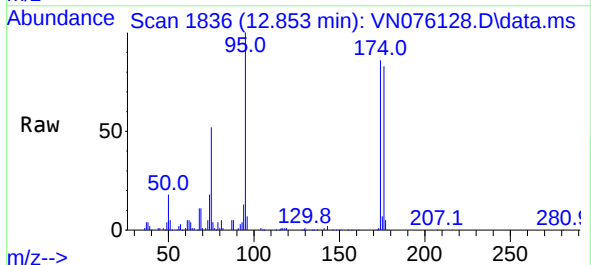
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-340-361-010523

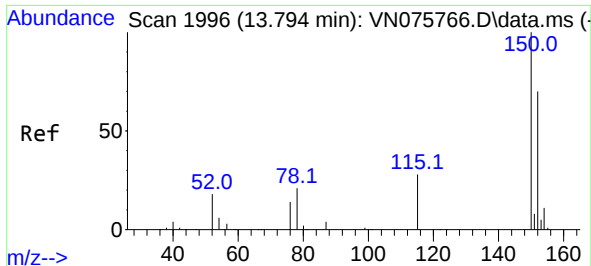
Tgt Ion:117 Resp: 440246
Ion Ratio Lower Upper
117 100
82 51.4 41.3 61.9
119 32.5 24.6 37.0



#71
Bromoform
Concen: 0.612 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN076128.D
Acq: 06 Jan 2023 13:00

Tgt Ion:173 Resp: 1491
Ion Ratio Lower Upper
173 100
175 661.4 24.3 72.8#
254 0.0 0.0 0.0

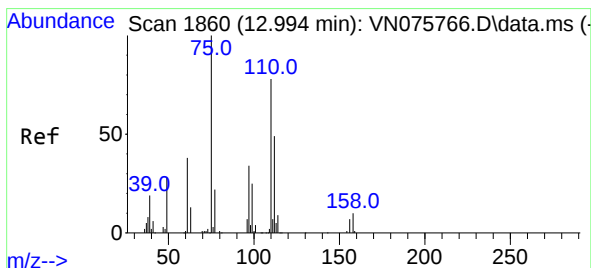
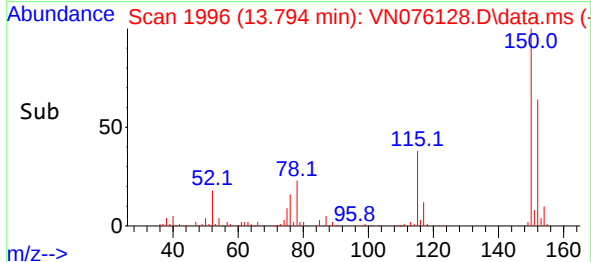
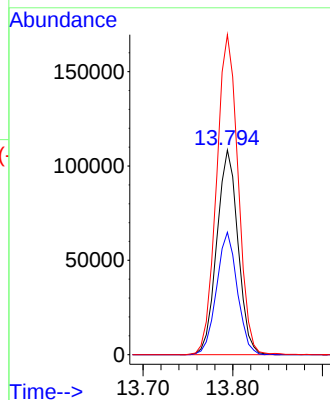
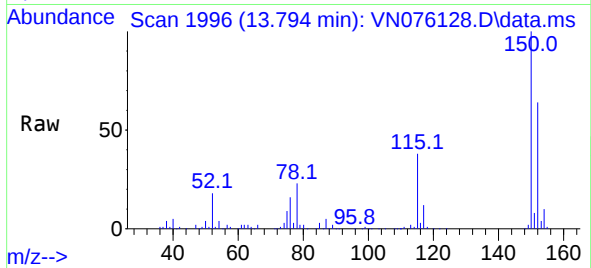




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076128.D
Acq: 06 Jan 2023 13:00

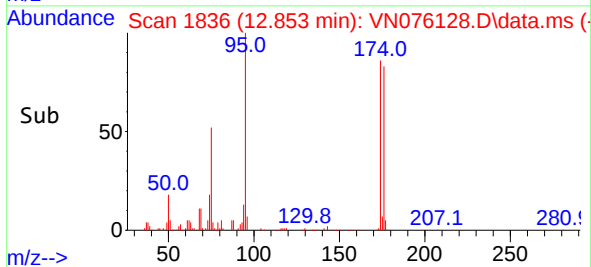
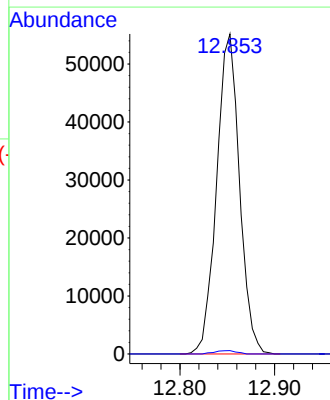
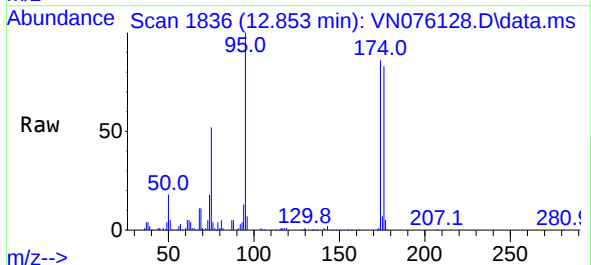
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-340-361-010523

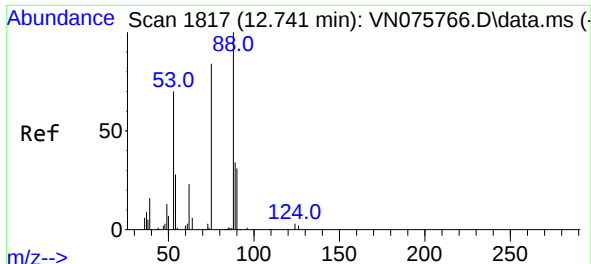
Tgt Ion:152 Resp: 177945
Ion Ratio Lower Upper
152 100
115 58.6 29.1 87.4
150 159.2 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 25.823 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN076128.D
Acq: 06 Jan 2023 13:00

Tgt Ion: 75 Resp: 92624
Ion Ratio Lower Upper
75 100
77 1.0 82.6 247.8#

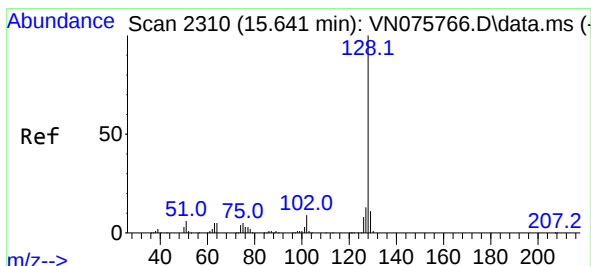
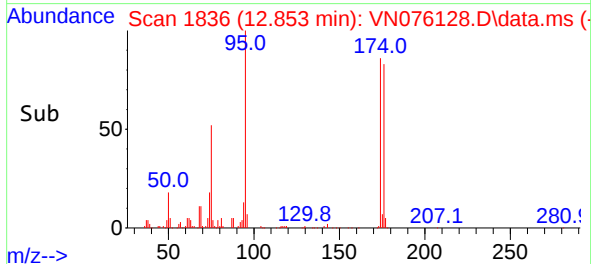
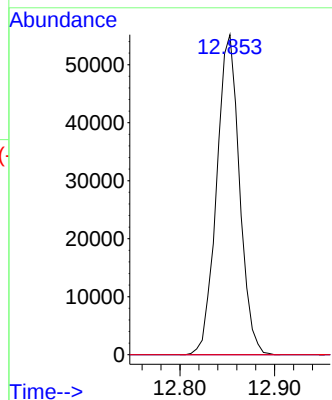
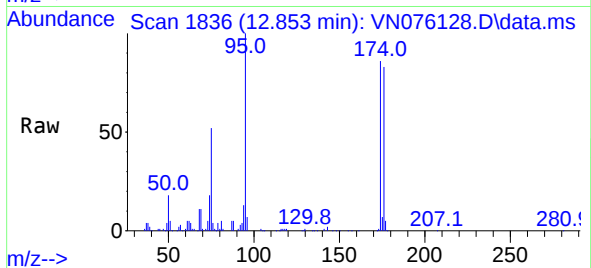




#81
trans-1,4-Dichloro-2-butene
Concen: 92.948 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN076128.D
Acq: 06 Jan 2023 13:00

Instrument : MSVOA_N
ClientSampleId : GWOW-BR-04-340-361-010523

Tgt Ion: 75 Resp: 92624
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#



#95
Naphthalene
Concen: 2.343 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076128.D
Acq: 06 Jan 2023 13:00

Tgt Ion:128 Resp: 1676
Ion Ratio Lower Upper
128 100
127 8.2 10.4 15.6#
129 4.7 8.7 13.1#

