

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010623\
 Data File : VN076129.D
 Acq On : 06 Jan 2023 13:24
 Operator : JC\MD
 Sample : 01049-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-BR-04-366-387-010523

Quant Time: Jan 06 22:54:54 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)

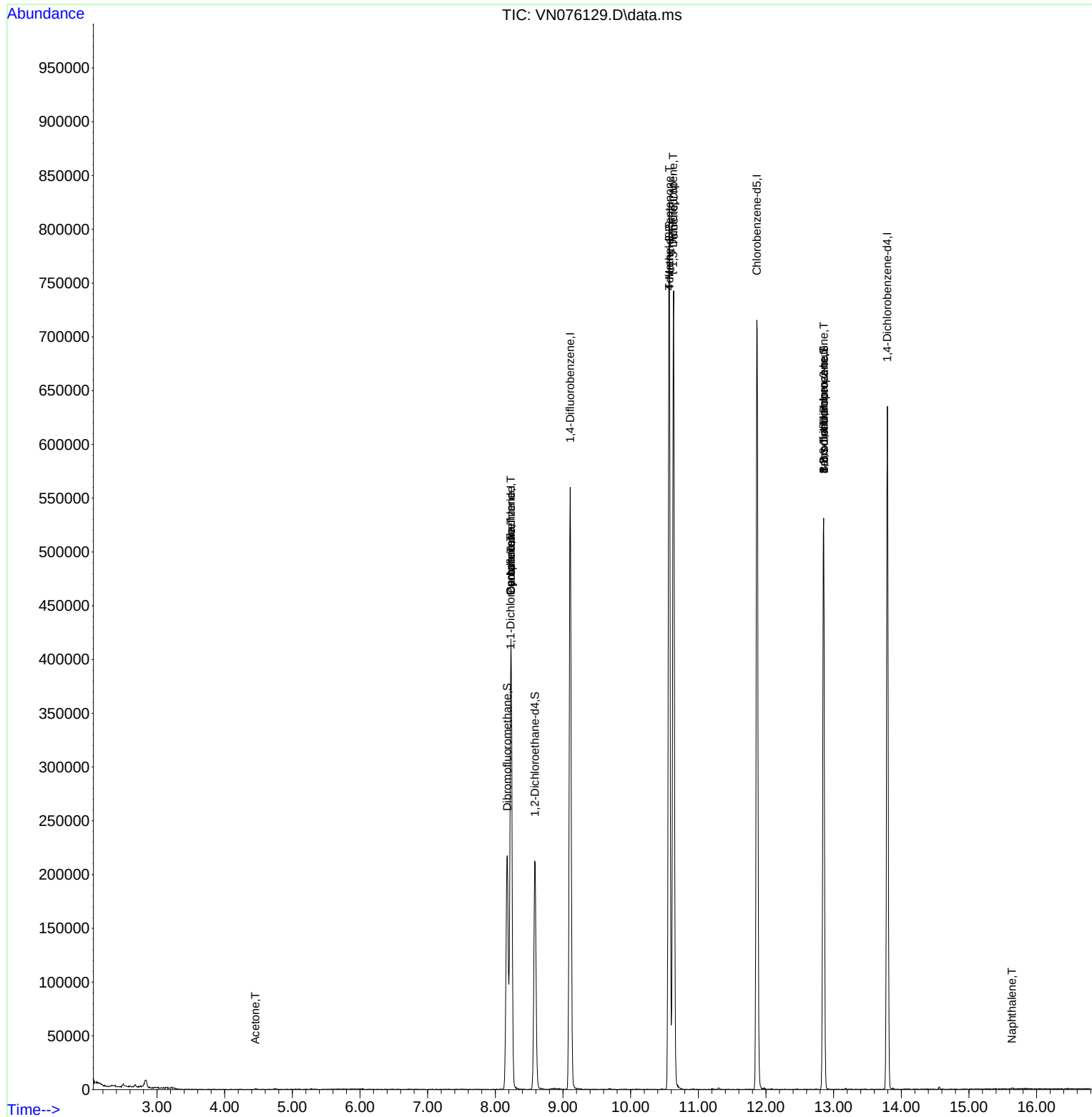
Internal Standards						
1) Pentafluorobenzene	8.230	168	316799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	509809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	445152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	179584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	170540	49.482	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.960%		
35) Dibromofluoromethane	8.177	113	154455	48.922	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.840%		
50) Toluene-d8	10.571	98	584424	49.509	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.020%		
62) 4-Bromofluorobenzene	12.853	95	177248	45.335	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.680%		
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	944	0.795	ug/l #	39
20) Methylene Chloride	5.277	84	64	Below Cal	#	55
31) Cyclohexane	8.230	56	6230	1.262	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	23588	5.624	ug/l #	48
38) Carbon Tetrachloride	8.230	117	31458	6.702	ug/l #	16
51) 4-Methyl-2-Pentanone	10.571	43	2001	0.595	ug/l #	1
52) Toluene	10.635	92	346797	41.151	ug/l	100
53) t-1,3-Dichloropropene	10.629	75	3985	0.889	ug/l #	1
71) Bromoform	12.853	173	1515	0.615	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	92050	25.428	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	92050	91.529	ug/l #	12
95) Naphthalene	15.635	128	1302	2.305	ug/l #	69

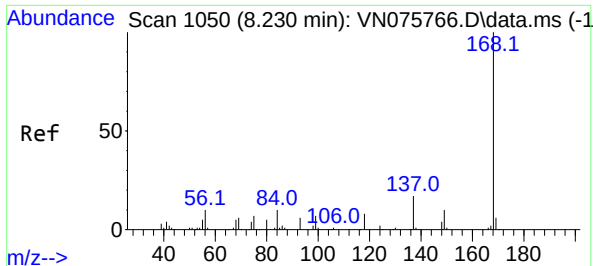
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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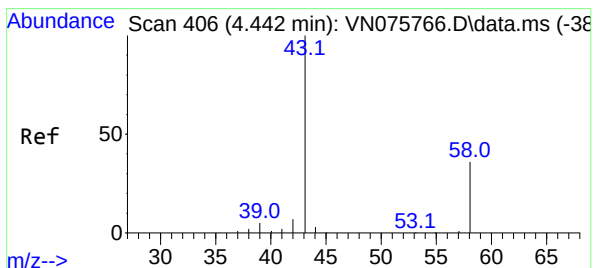
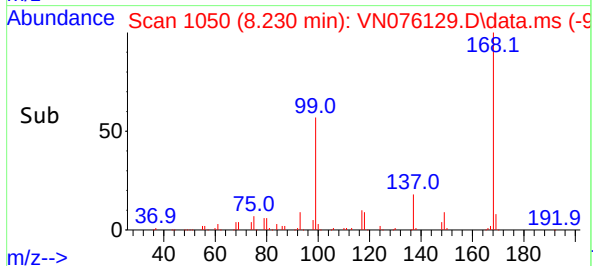
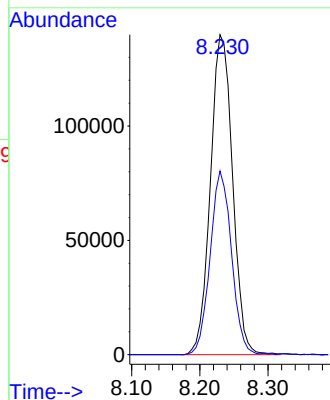
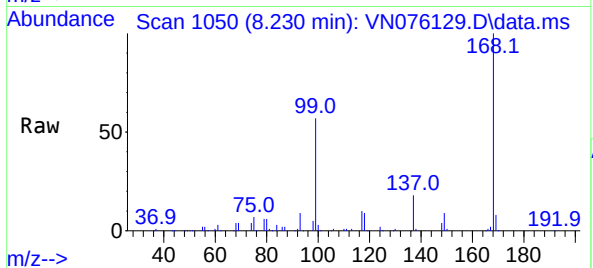




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076129.D
Acq: 06 Jan 2023 13:24

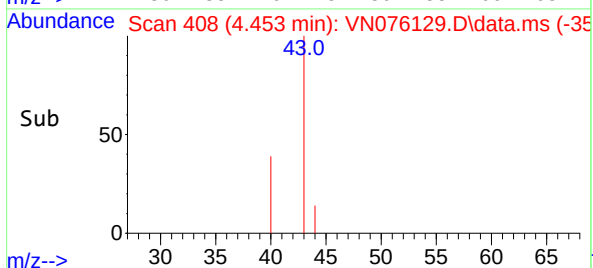
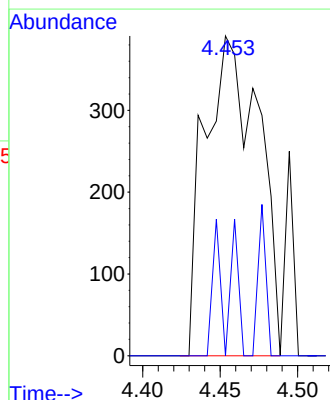
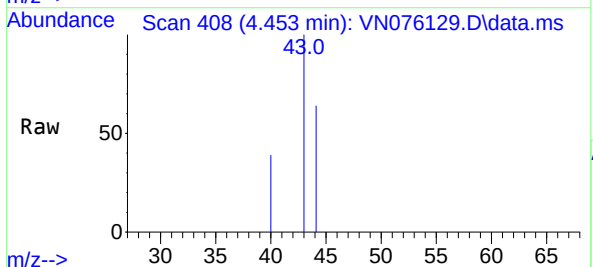
Instrument : MSVOA_N
ClientSampleId : GWOW-BR-04-366-387-010523

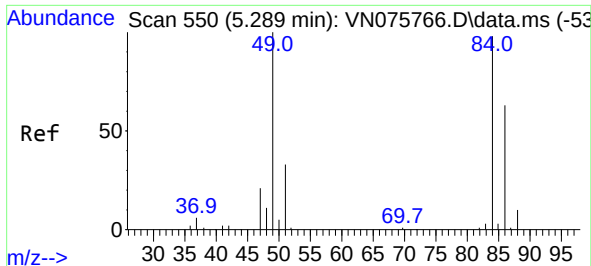
Tgt Ion:168 Resp: 316799
Ion Ratio Lower Upper
168 100
99 57.4 44.2 66.4



#16
Acetone
Concen: 0.795 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.012 min
Lab File: VN076129.D
Acq: 06 Jan 2023 13:24

Tgt Ion: 43 Resp: 944
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#

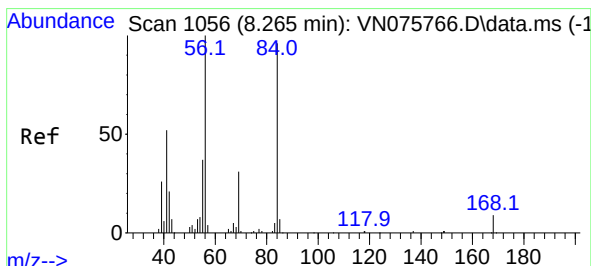
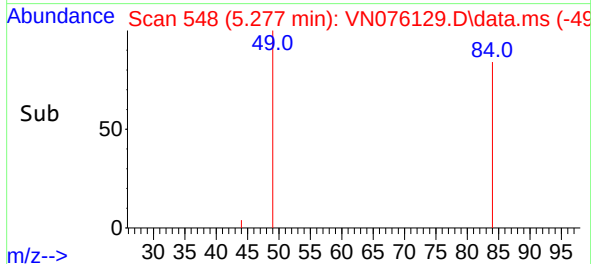
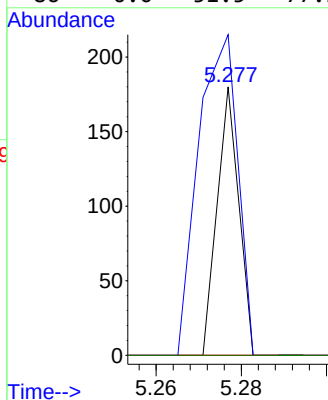
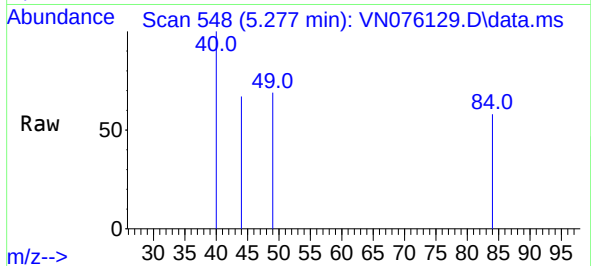




#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 54
Delta R.T. -0.012 min
Lab File: VN076129.D
Acq: 06 Jan 2023 13:24

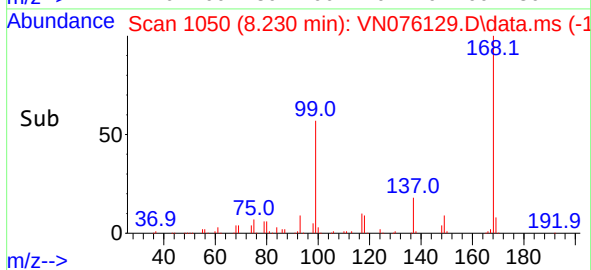
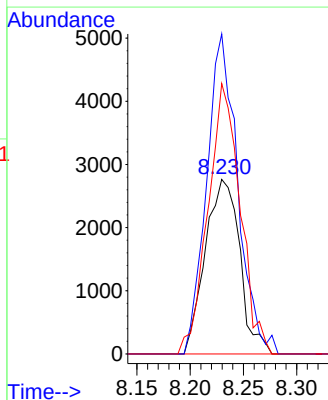
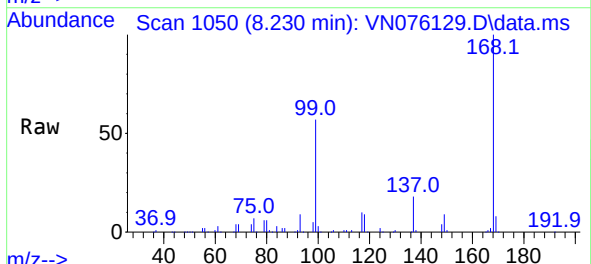
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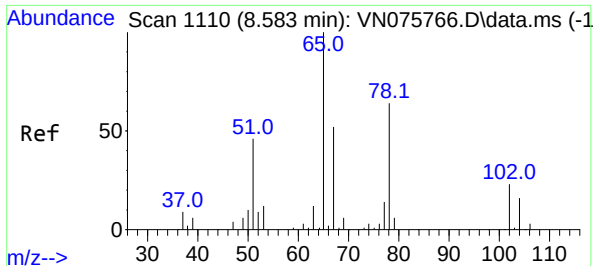
Tgt Ion:	84	Resp:	64
Ion	Ratio	Lower	Upper
84	100		
49	119.4	81.8	122.6
51	0.0	26.7	40.1#
86	0.0	51.5	77.3#



#31
Cyclohexane
Concen: 1.262 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN076129.D
Acq: 06 Jan 2023 13:24

Tgt Ion:	56	Resp:	6230
Ion	Ratio	Lower	Upper
56	100		
69	183.3	24.7	37.1#
84	154.9	76.5	114.7#

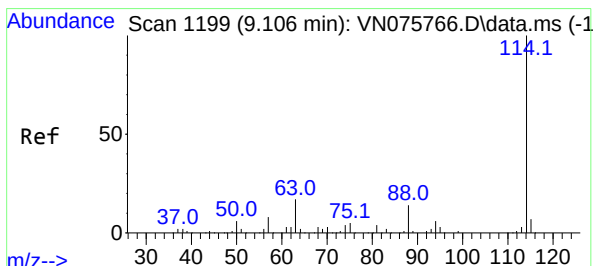
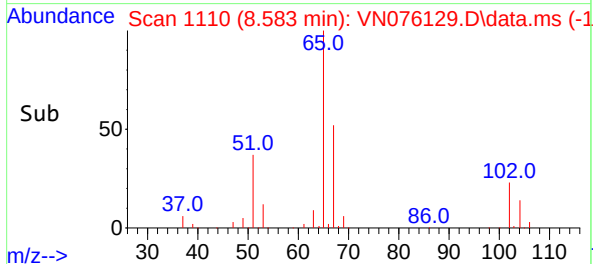
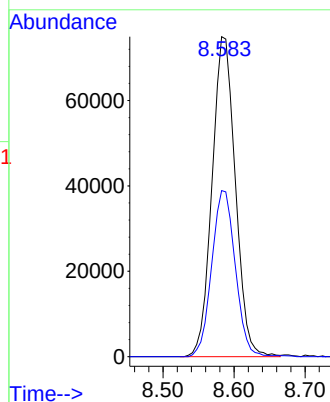
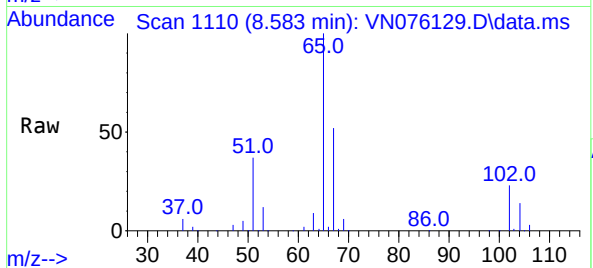




#33
1,2-Dichloroethane-d4
Concen: 49.482 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076129.D
Acq: 06 Jan 2023 13:24

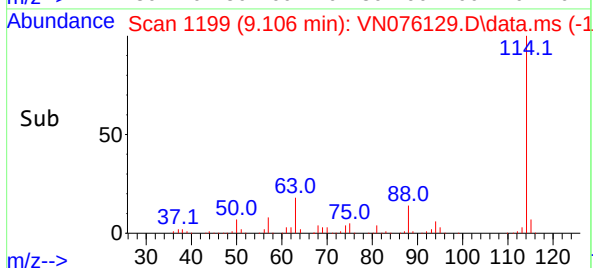
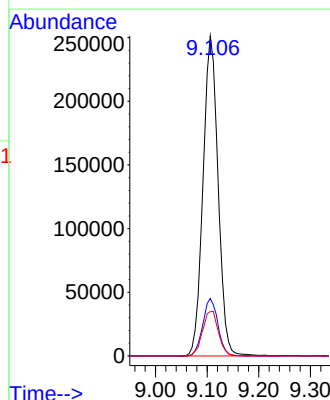
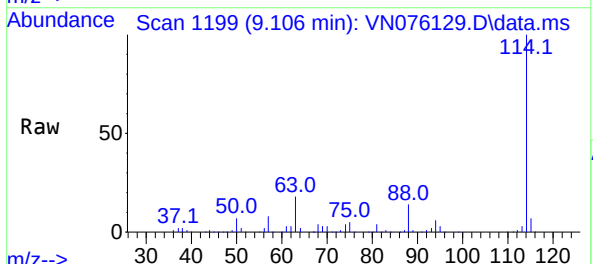
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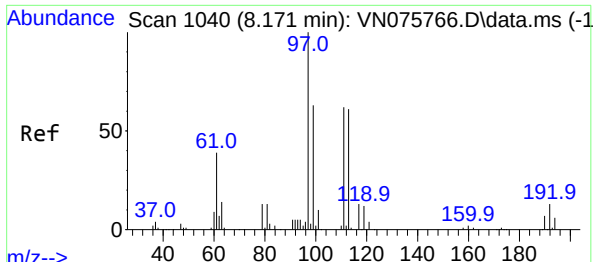
Tgt Ion: 65 Resp: 170540
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN076129.D
Acq: 06 Jan 2023 13:24

Tgt Ion: 114 Resp: 509809
Ion Ratio Lower Upper
114 100
63 17.9 0.0 34.4
88 13.9 0.0 28.8

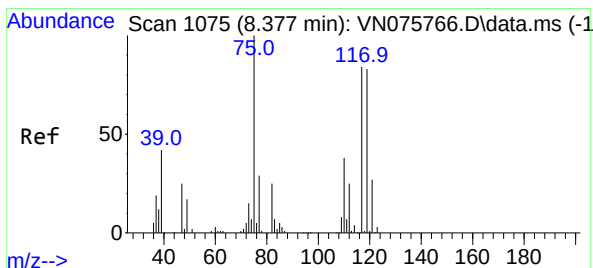
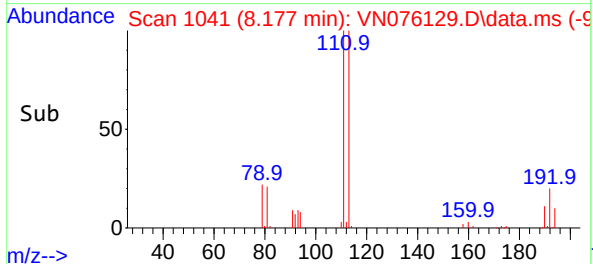
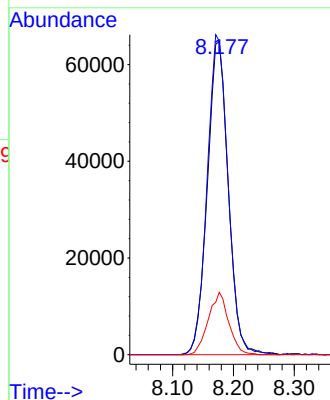
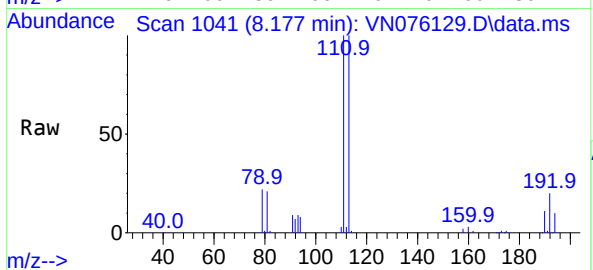




#35
Dibromofluoromethane
Concen: 48.922 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN076129.D
Acq: 06 Jan 2023 13:24

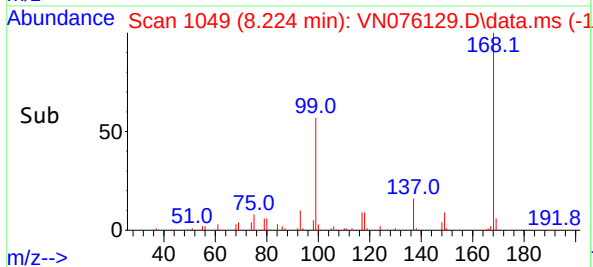
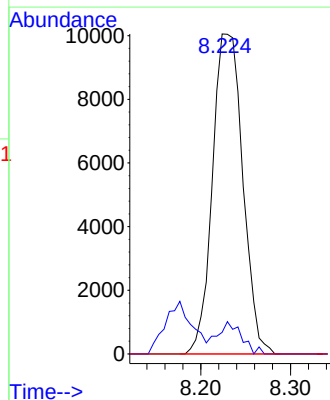
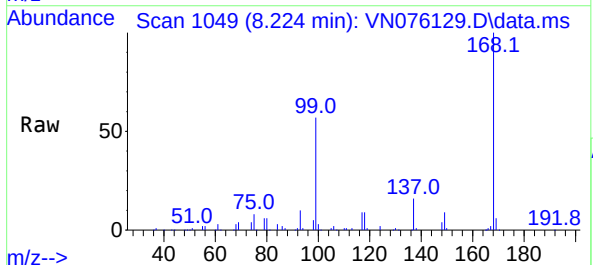
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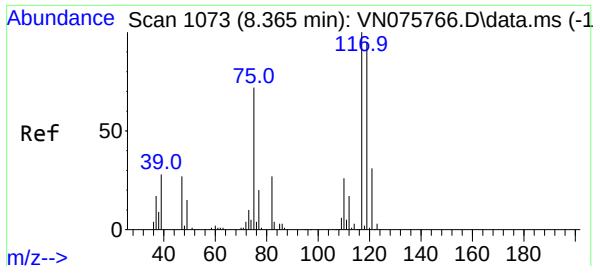
Tgt Ion:113 Resp: 154455
Ion Ratio Lower Upper
113 100
111 102.3 83.4 125.2
192 19.4 16.1 24.1



#36
1,1-Dichloropropene
Concen: 5.624 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.153 min
Lab File: VN076129.D
Acq: 06 Jan 2023 13:24

Tgt Ion: 75 Resp: 23588
Ion Ratio Lower Upper
75 100
110 8.1 18.8 56.4#
77 0.0 24.1 36.1#

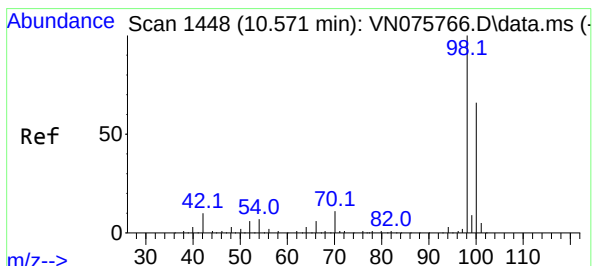
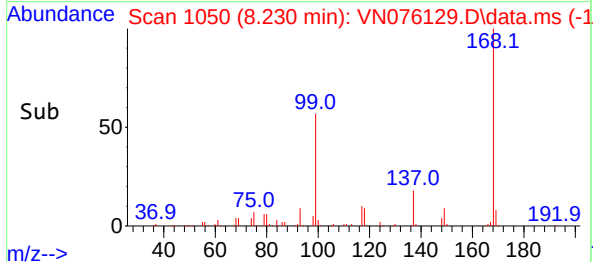
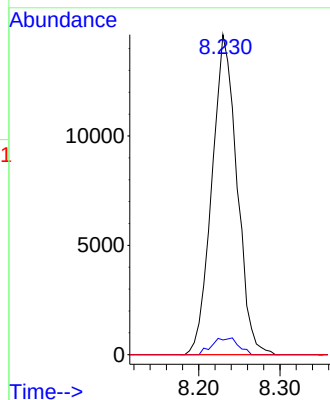
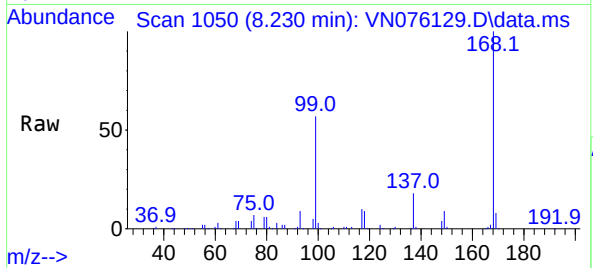




#38
Carbon Tetrachloride
Concen: 6.702 ug/l
RT: 8.230 min Scan# 1073
Delta R.T. -0.135 min
Lab File: VN076129.D
Acq: 06 Jan 2023 13:24

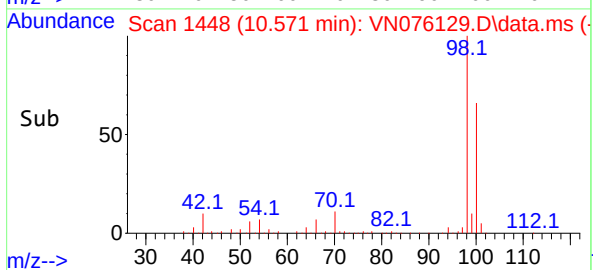
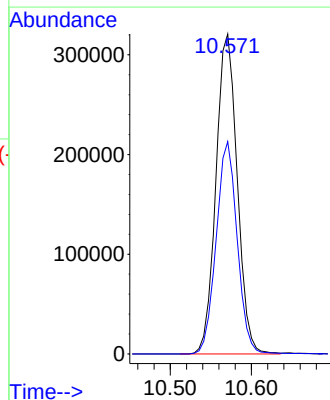
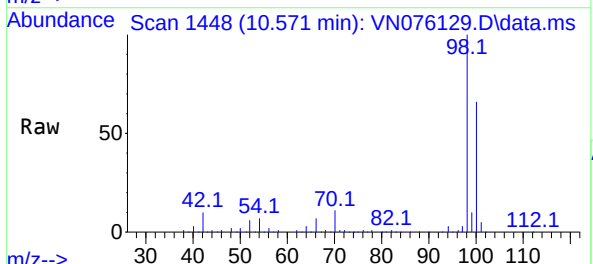
Instrument : MSVOA_N
ClientSampleId : GWOW-BR-04-366-387-010523

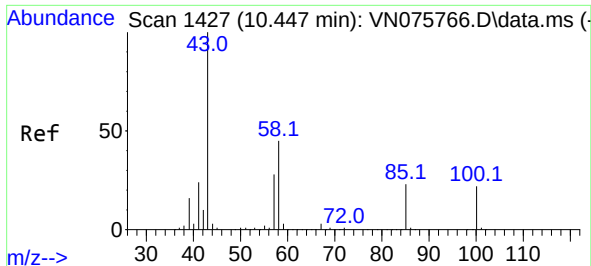
Tgt Ion:117 Resp: 31458
Ion Ratio Lower Upper
117 100
119 4.6 76.1 114.1#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.509 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076129.D
Acq: 06 Jan 2023 13:24

Tgt Ion: 98 Resp: 584424
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1

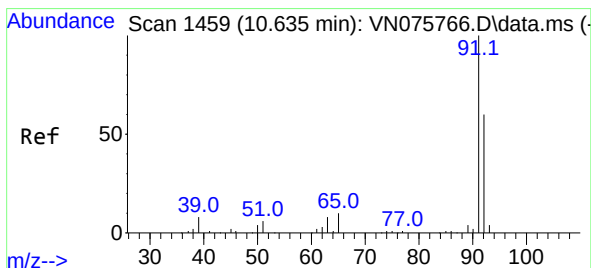
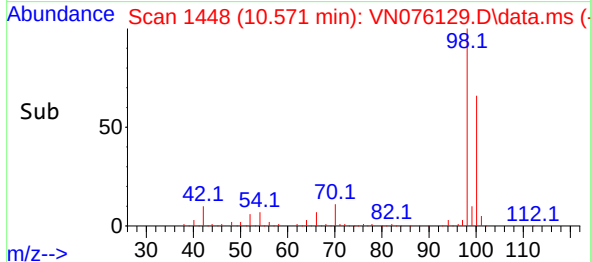
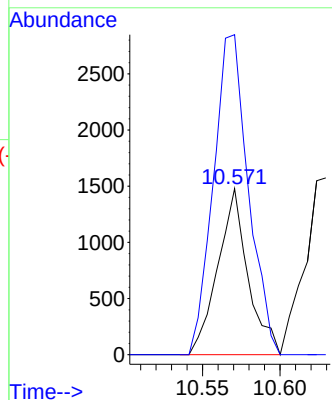
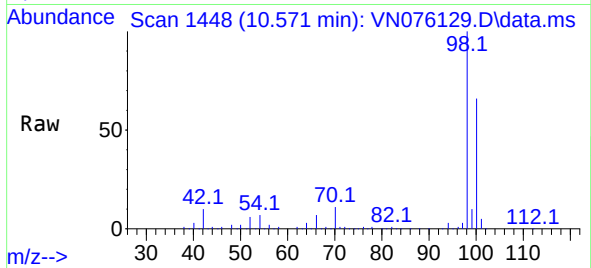




#51
4-Methyl-2-Pentanone
Concen: 0.595 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.124 min
Lab File: VN076129.D
Acq: 06 Jan 2023 13:24

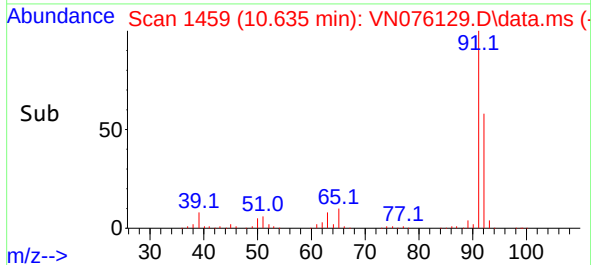
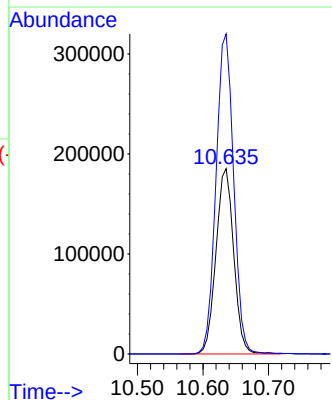
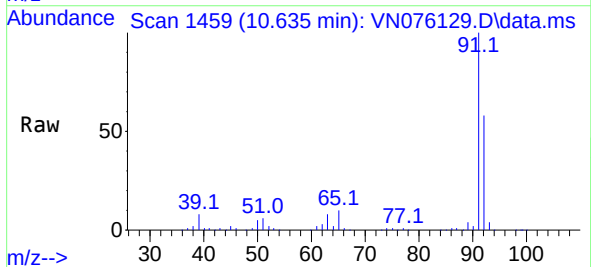
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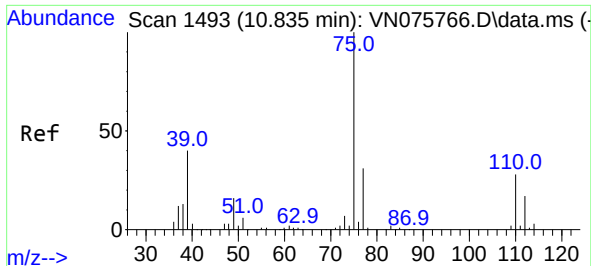
Tgt Ion: 43 Resp: 2001
Ion Ratio Lower Upper
43 100
58 223.2 35.5 53.3#



#52
Toluene
Concen: 41.151 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN076129.D
Acq: 06 Jan 2023 13:24

Tgt Ion: 92 Resp: 346797
Ion Ratio Lower Upper
92 100
91 172.1 137.3 205.9

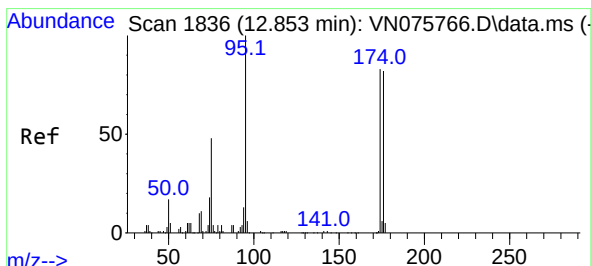
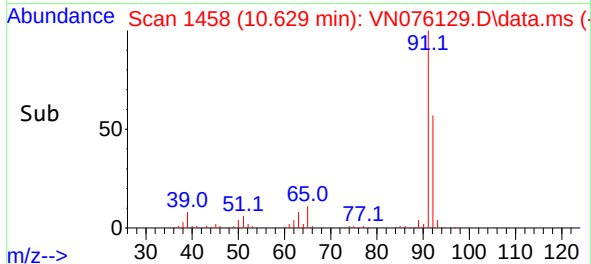
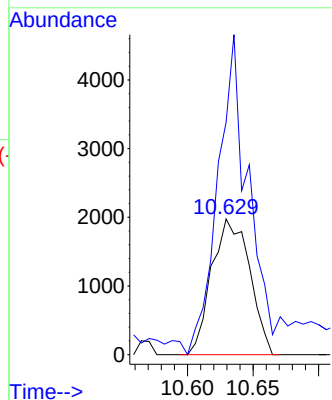
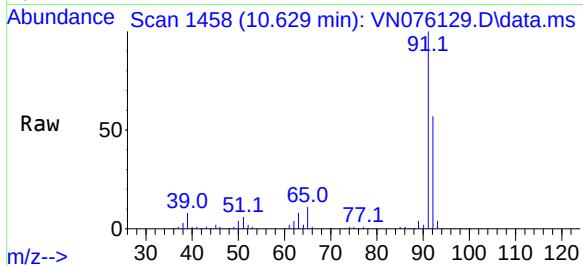




#53
t-1,3-Dichloropropene
Concen: 0.889 ug/l
RT: 10.629 min Scan# 1493
Delta R.T. -0.206 min
Lab File: VN076129.D
Acq: 06 Jan 2023 13:24

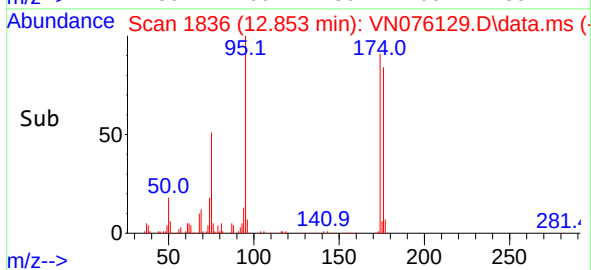
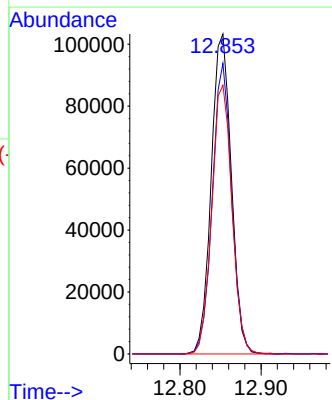
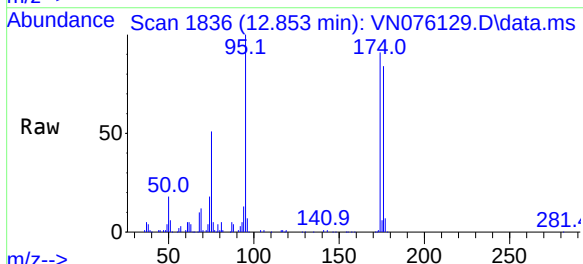
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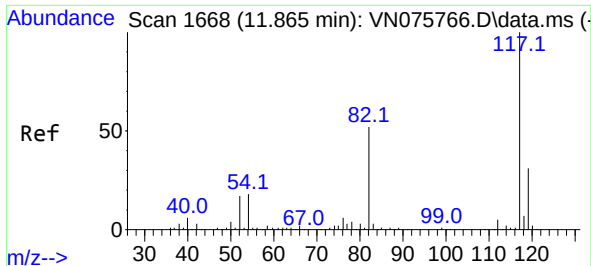
Tgt Ion: 75 Resp: 3985
Ion Ratio Lower Upper
75 100
77 161.8 24.9 37.3#



#62
4-Bromofluorobenzene
Concen: 45.335 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076129.D
Acq: 06 Jan 2023 13:24

Tgt Ion: 95 Resp: 177248
Ion Ratio Lower Upper
95 100
174 87.7 0.0 171.6
176 84.3 0.0 169.2

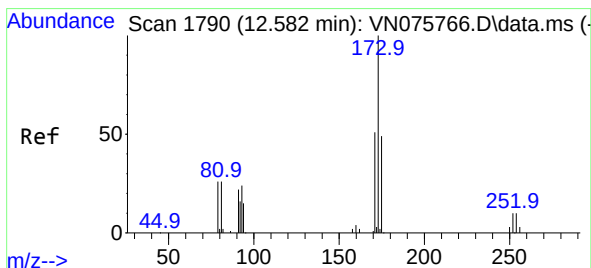
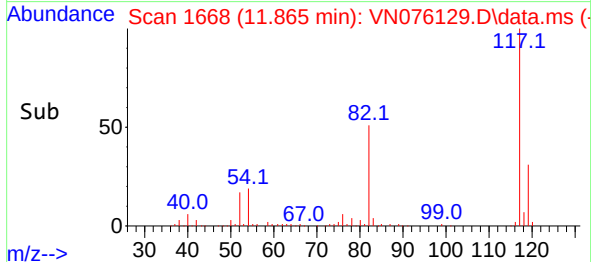
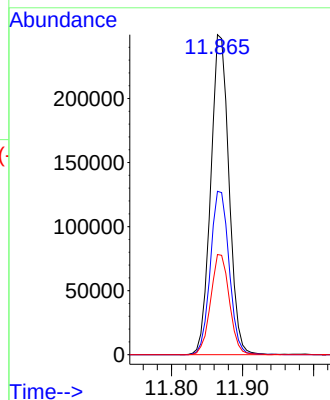
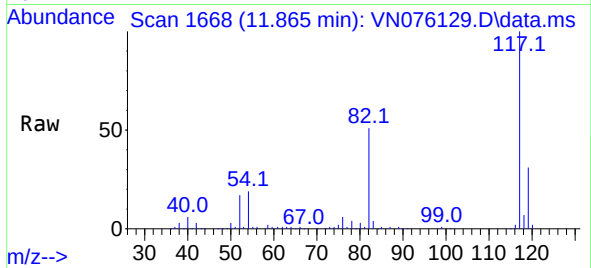




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN076129.D
Acq: 06 Jan 2023 13:24

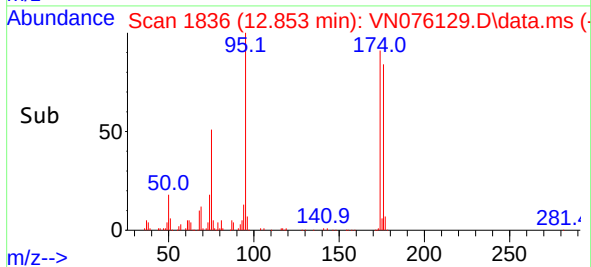
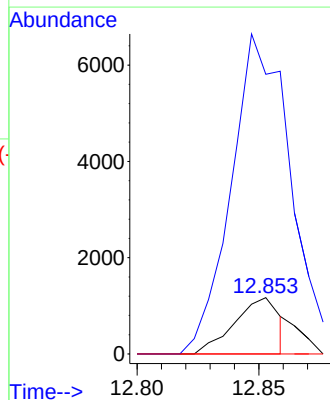
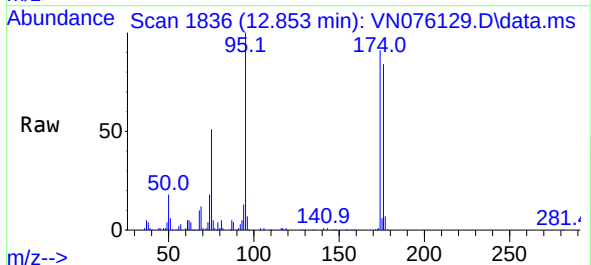
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-366-387-010523

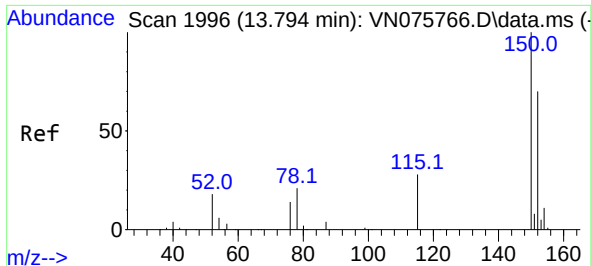
Tgt Ion:117 Resp: 445152
Ion Ratio Lower Upper
117 100
82 51.1 41.3 61.9
119 31.3 24.6 37.0



#71
Bromoform
Concen: 0.615 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN076129.D
Acq: 06 Jan 2023 13:24

Tgt Ion:173 Resp: 1515
Ion Ratio Lower Upper
173 100
175 479.1 24.3 72.8#
254 0.0 0.0 0.0

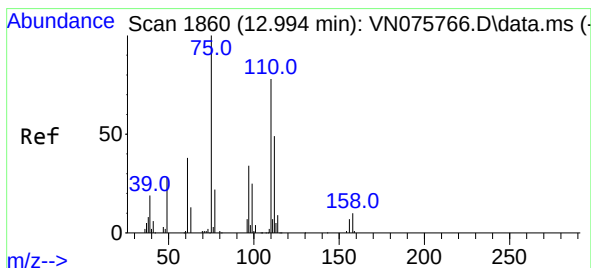
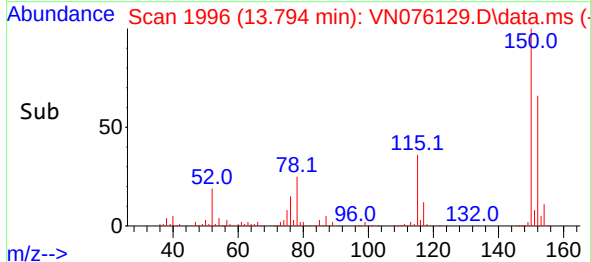
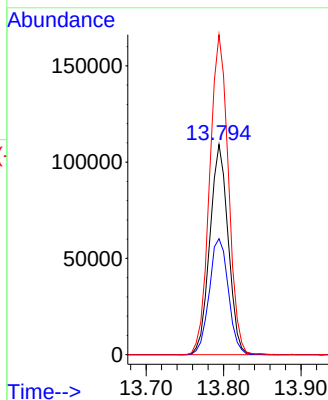
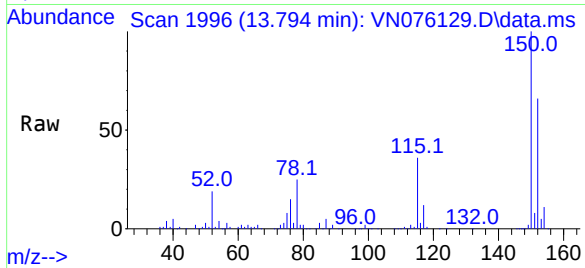




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076129.D
Acq: 06 Jan 2023 13:24

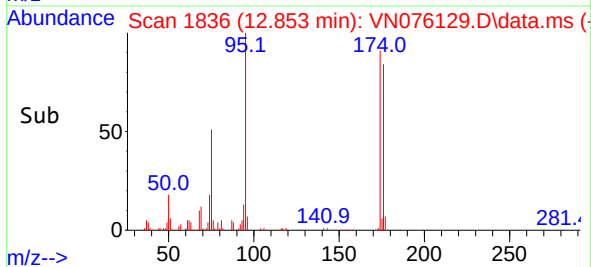
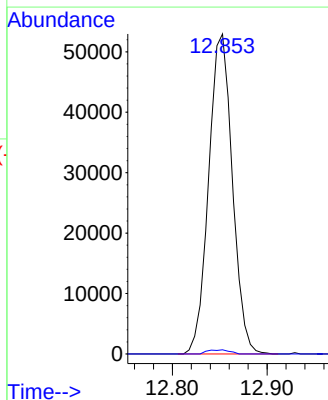
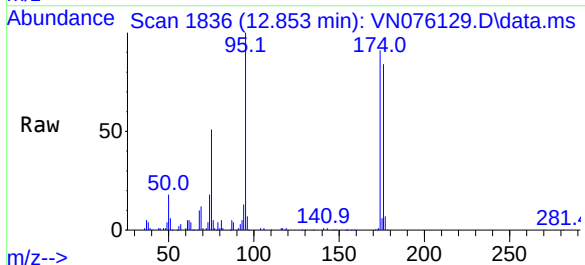
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-366-387-010523

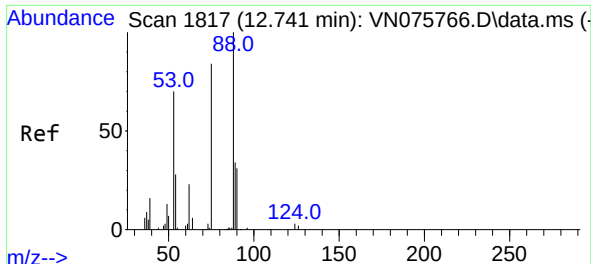
Tgt Ion:152 Resp: 179584
Ion Ratio Lower Upper
152 100
115 57.5 29.1 87.4
150 155.1 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 25.428 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN076129.D
Acq: 06 Jan 2023 13:24

Tgt Ion: 75 Resp: 92050
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#

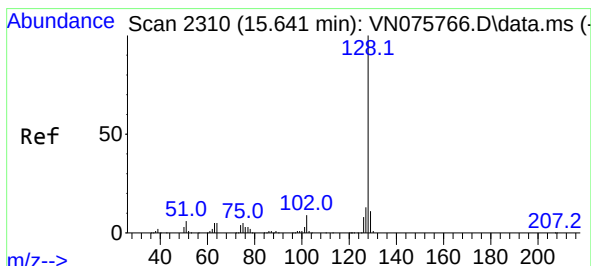
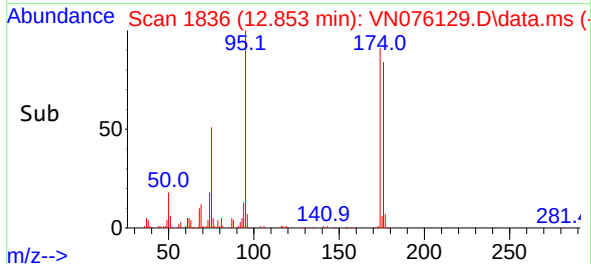
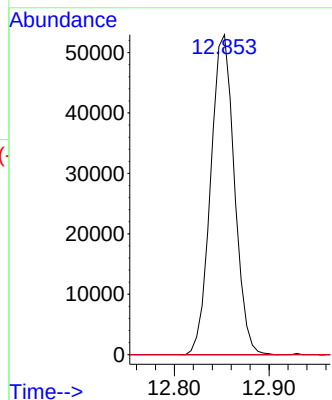
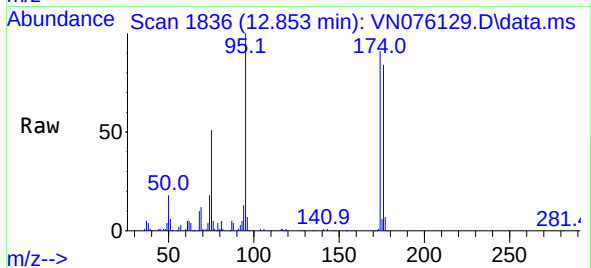




#81
trans-1,4-Dichloro-2-butene
Concen: 91.529 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN076129.D
Acq: 06 Jan 2023 13:24

Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-366-387-010523

Tgt Ion: 75 Resp: 92050
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#



#95
Naphthalene
Concen: 2.305 ug/l
RT: 15.635 min Scan# 2309
Delta R.T. -0.006 min
Lab File: VN076129.D
Acq: 06 Jan 2023 13:24

Tgt Ion:128 Resp: 1302
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.7 13.1#

