

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079805.D
 Acq On : 02 Nov 2023 18:22
 Operator : JC\MD
 Sample : 05225-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-188-GW-400-402

Quant Time: Nov 03 04:04:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

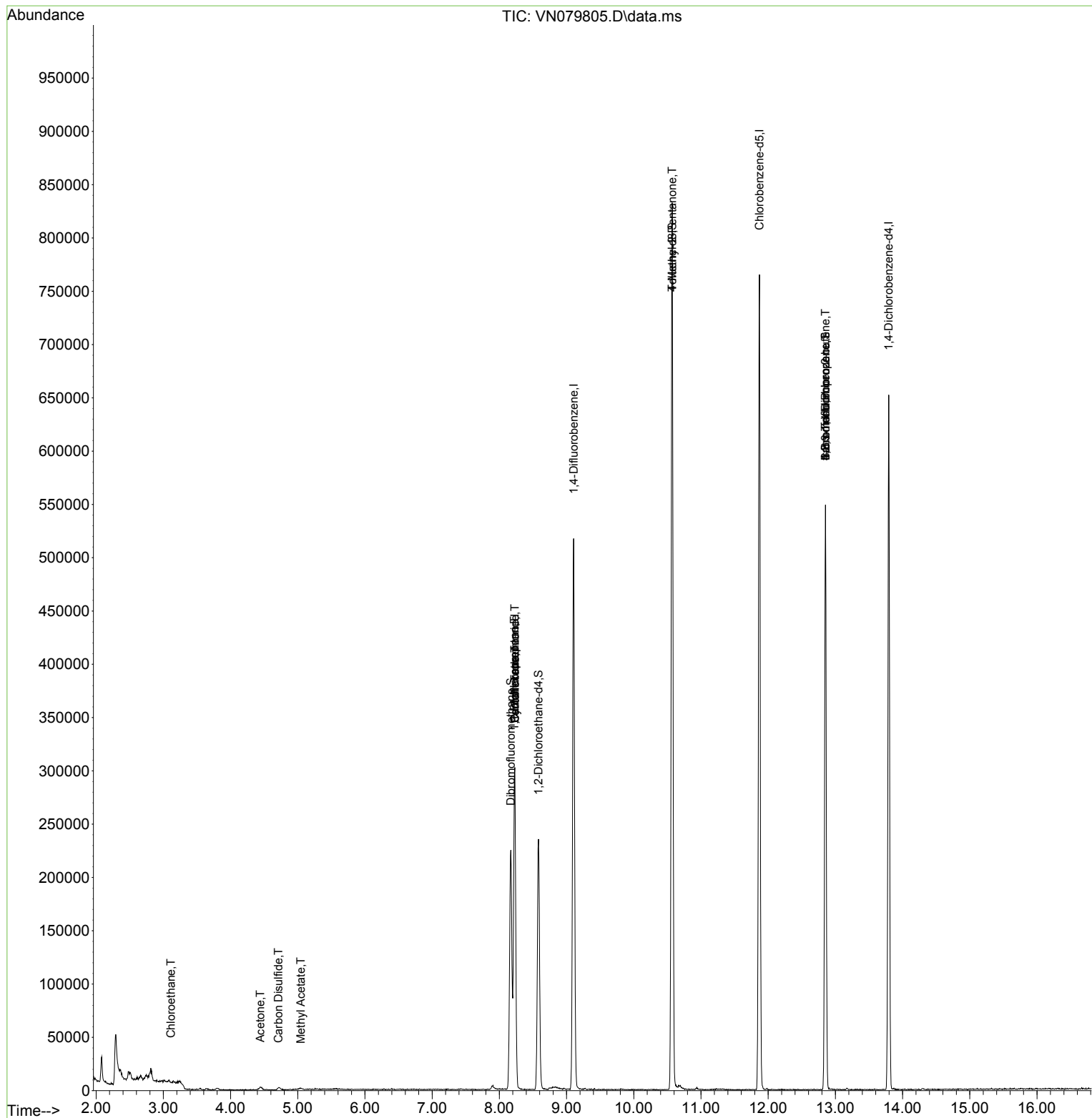
Internal Standards						
1) Pentafluorobenzene	8.230	168	211977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	422403	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	428718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	161947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	194320	60.170	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 120.340%	
35) Dibromofluoromethane	8.171	113	162123	54.229	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.460%	
50) Toluene-d8	10.571	98	553916	50.330	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.660%	
62) 4-Bromofluorobenzene	12.853	95	175721	48.142	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.280%	
Target Compounds						
6) Chloroethane	3.112	64	1006	0.381	ug/l	Qvalue # 43
16) Acetone	4.442	43	5219	4.601	ug/l	# 99
17) Carbon Disulfide	4.712	76	2702	0.411	ug/l	# 75
18) Methyl Acetate	5.047	43	3378	0.622	ug/l	# 49
31) Cyclohexane	8.230	56	5526	1.295	ug/l	# 15
36) 1,1-Dichloropropene	8.224	75	19670	4.608	ug/l	# 48
38) Carbon Tetrachloride	8.230	117	23385	5.436	ug/l	# 17
51) 4-Methyl-2-Pentanone	10.571	43	3055	0.790	ug/l	# 1
71) Bromoform	12.853	173	1661	0.698	ug/l	# 1
76) 1,2,3-Trichloropropane	12.853	75	100350	26.394	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.853	75	100350	71.811	ug/l	# 15

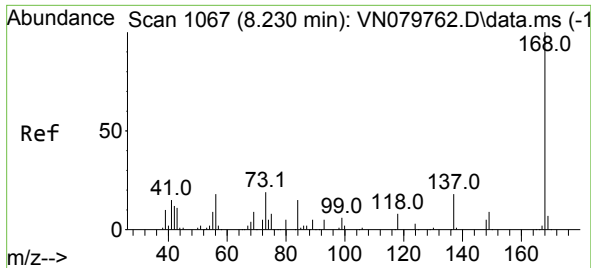
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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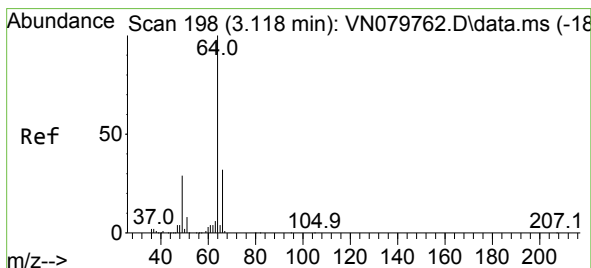
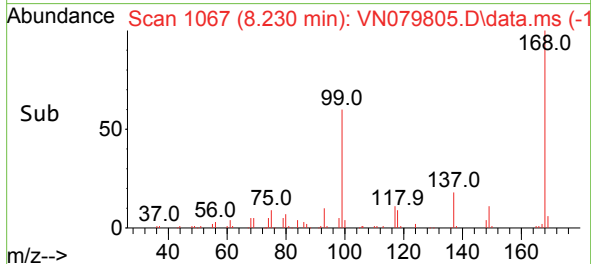
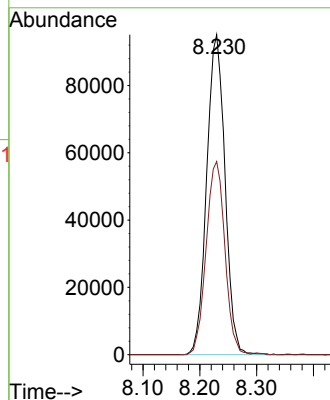
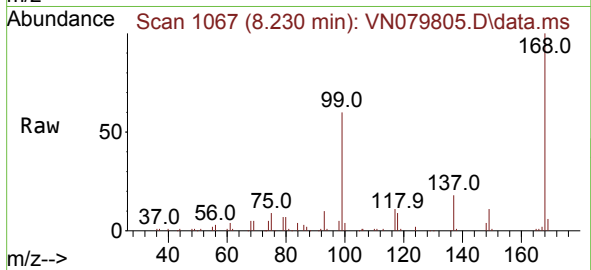




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079805.D
Acq: 02 Nov 2023 18:22

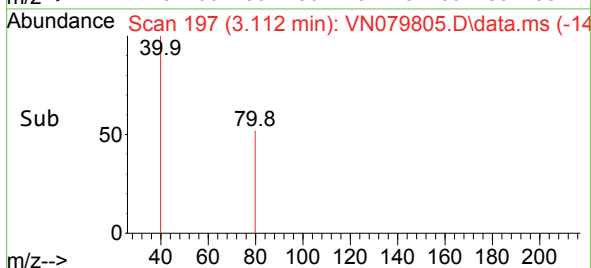
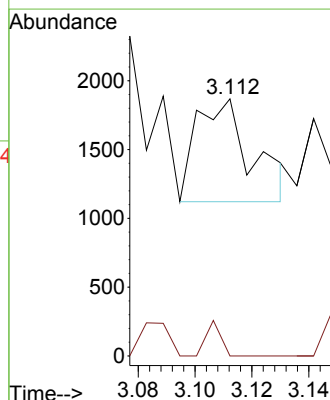
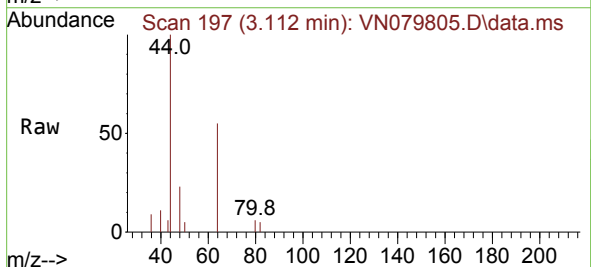
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-188-GW-400-402

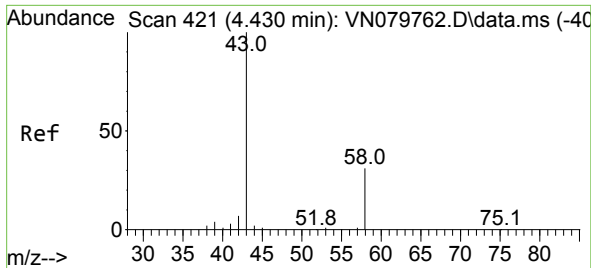
Tgt Ion:168 Resp: 211977
Ion Ratio Lower Upper
168 100
99 60.3 53.0 79.6



#6
Chloroethane
Concen: 0.381 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN079805.D
Acq: 02 Nov 2023 18:22

Tgt Ion: 64 Resp: 1006
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

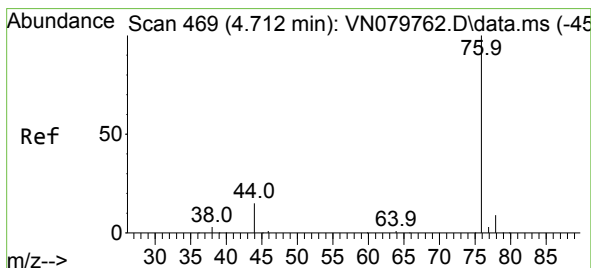
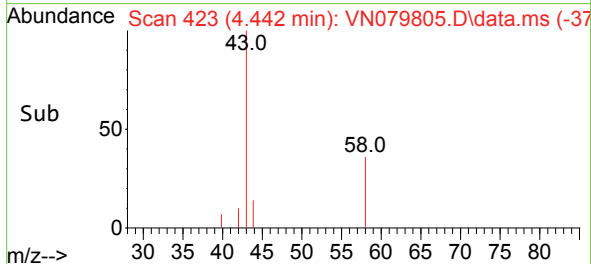
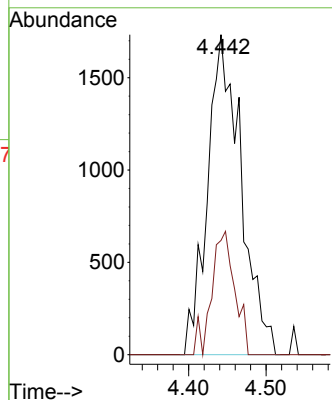
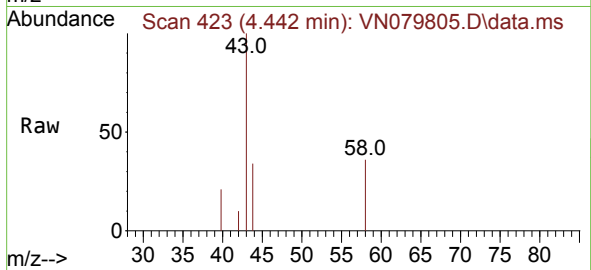




#16
Acetone
Concen: 4.601 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN079805.D
Acq: 02 Nov 2023 18:22

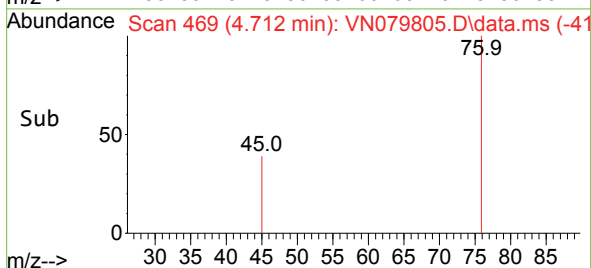
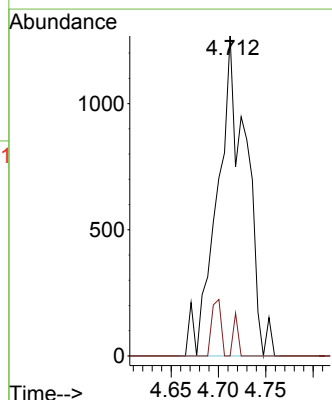
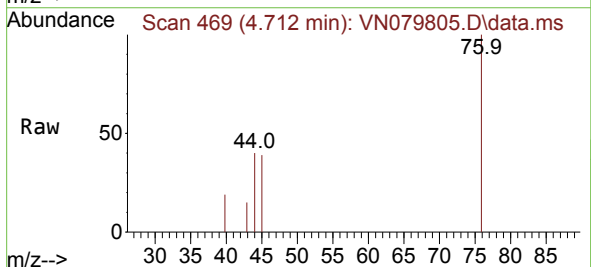
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-188-GW-400-402

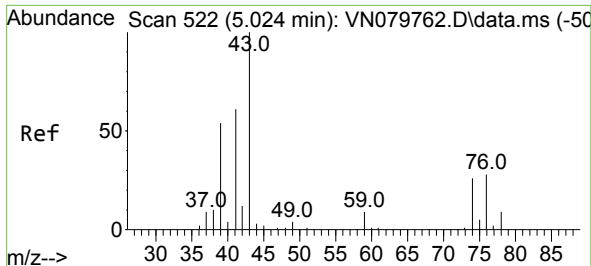
Tgt Ion: 43 Resp: 5219
Ion Ratio Lower Upper
43 100
58 35.7 28.0 42.0



#17
Carbon Disulfide
Concen: 0.411 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079805.D
Acq: 02 Nov 2023 18:22

Tgt Ion: 76 Resp: 2702
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

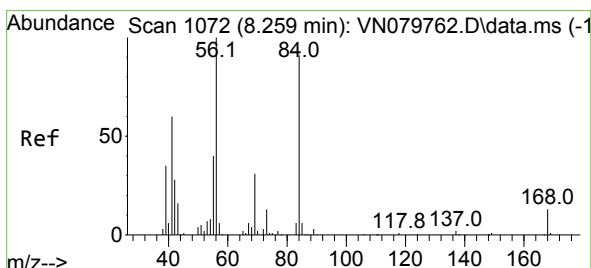
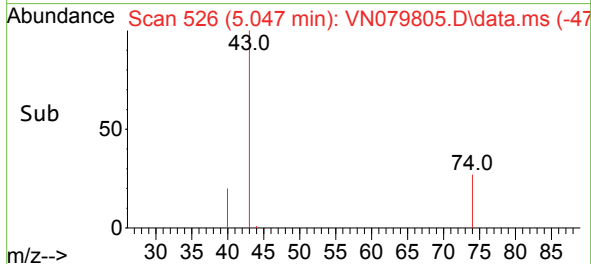
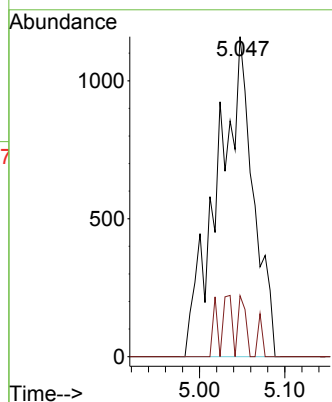
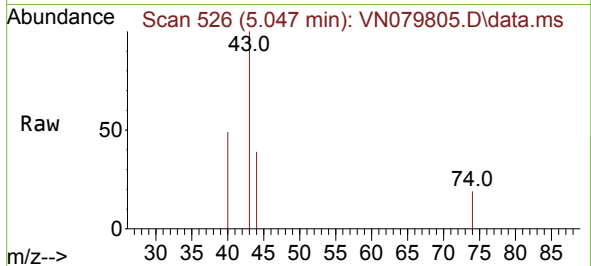




#18
Methyl Acetate
Concen: 0.622 ug/l
RT: 5.047 min Scan# 51
Delta R.T. 0.024 min
Lab File: VN079805.D
Acq: 02 Nov 2023 18:22

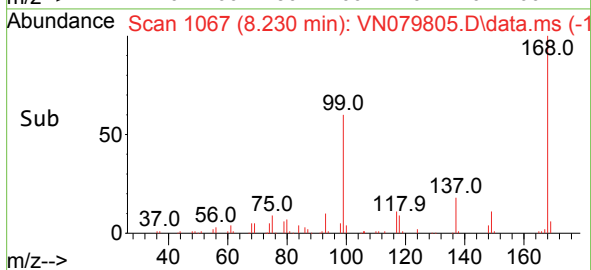
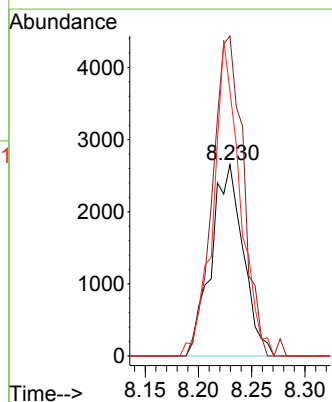
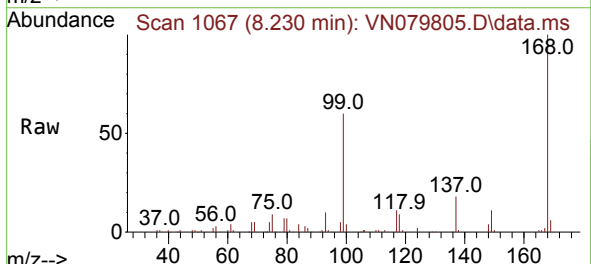
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-188-GW-400-402

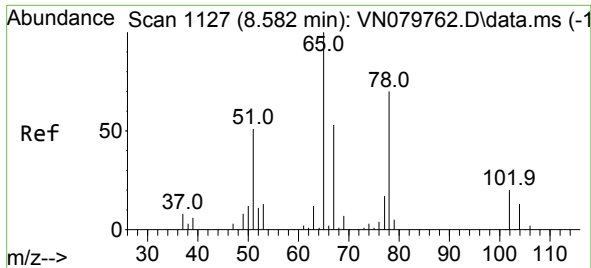
Tgt Ion: 43 Resp: 3378
Ion Ratio Lower Upper
43 100
74 4.1 26.2 39.4#



#31
Cyclohexane
Concen: 1.295 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN079805.D
Acq: 02 Nov 2023 18:22

Tgt Ion: 56 Resp: 5526
Ion Ratio Lower Upper
56 100
69 167.2 26.8 40.2#
84 138.4 81.8 122.6#





#33

1,2-Dichloroethane-d4

Concen: 60.170 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079805.D

Acq: 02 Nov 2023 18:22

Instrument :

MSVOA_N

ClientSampleId :

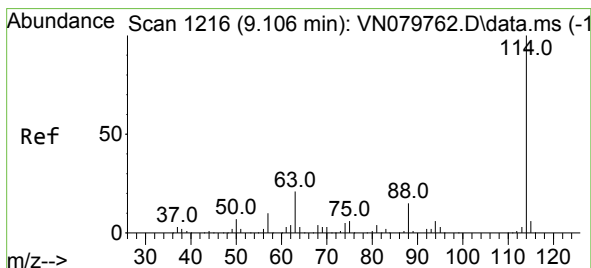
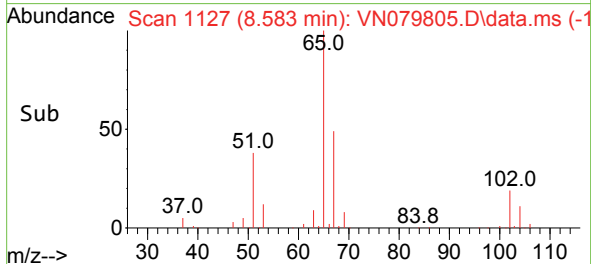
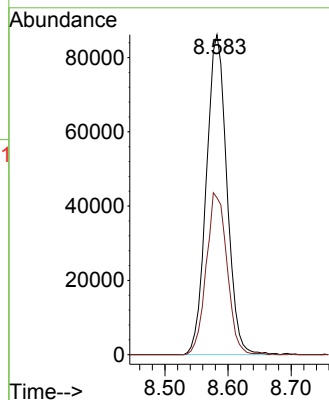
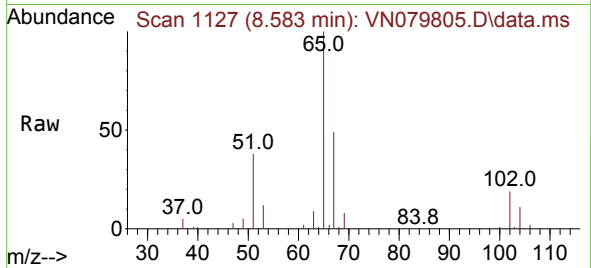
BP-VPB-188-GW-400-402

Tgt Ion: 65 Resp: 194320

Ion Ratio Lower Upper

65 100

67 51.3 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079805.D

Acq: 02 Nov 2023 18:22

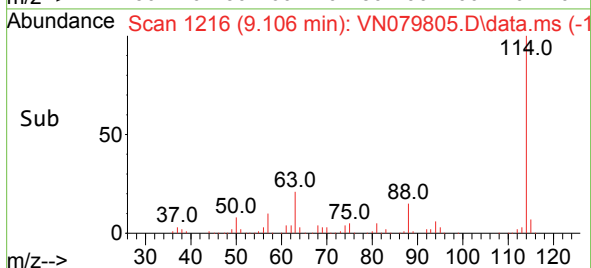
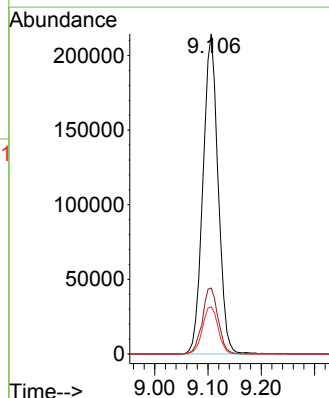
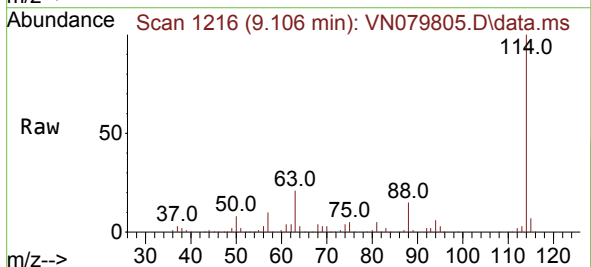
Tgt Ion: 114 Resp: 422403

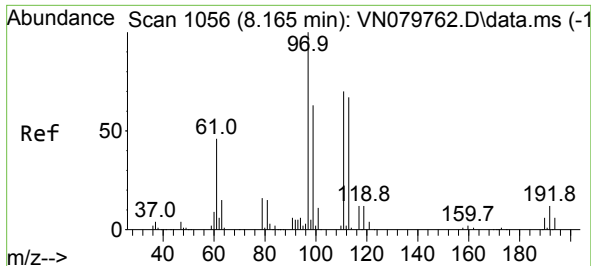
Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.4

88 14.7 0.0 30.6

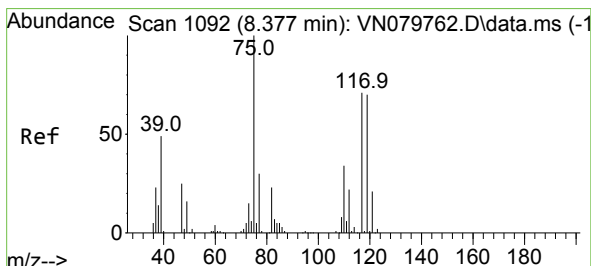
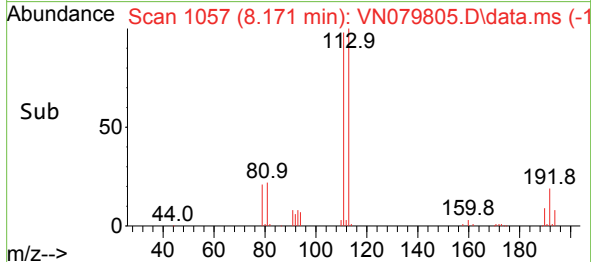
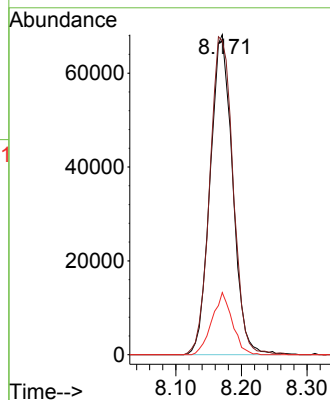
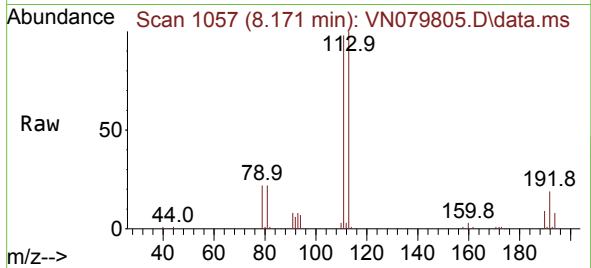




#35
Dibromofluoromethane
Concen: 54.229 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN079805.D
Acq: 02 Nov 2023 18:22

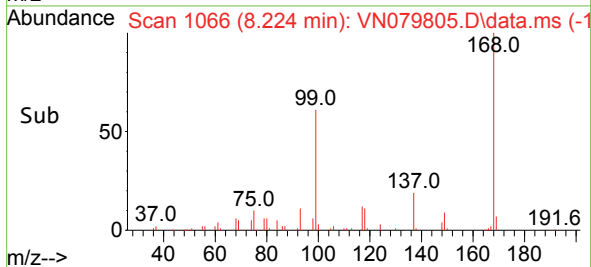
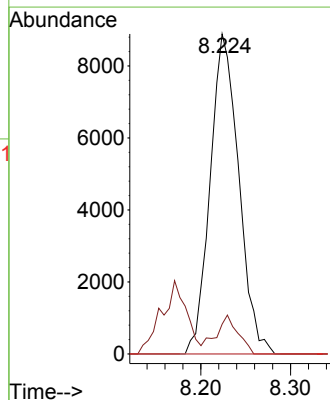
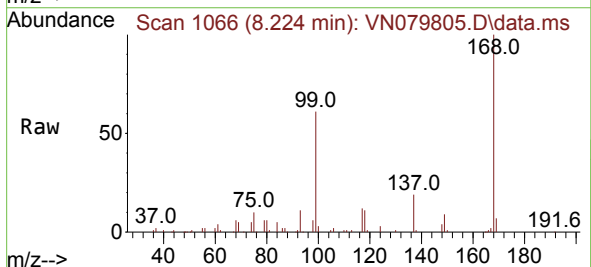
Instrument :
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ClientSampleId :
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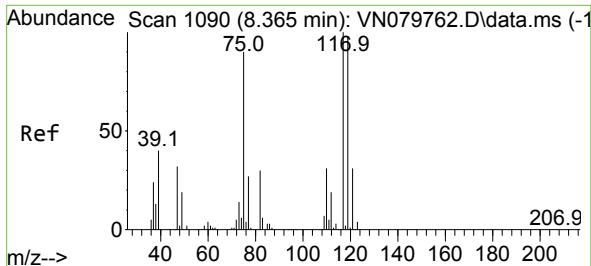
Tgt Ion:113 Resp: 162123
Ion Ratio Lower Upper
113 100
111 103.0 82.6 123.8
192 17.6 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.608 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN079805.D
Acq: 02 Nov 2023 18:22

Tgt Ion: 75 Resp: 19670
Ion Ratio Lower Upper
75 100
110 9.4 19.1 57.3#
77 0.0 25.0 37.4#

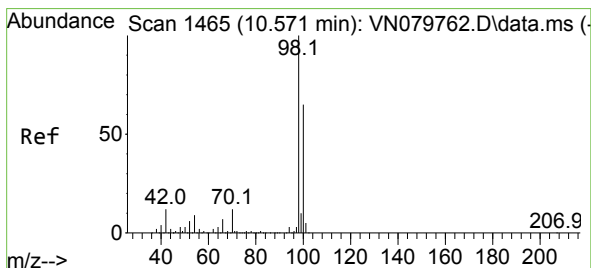
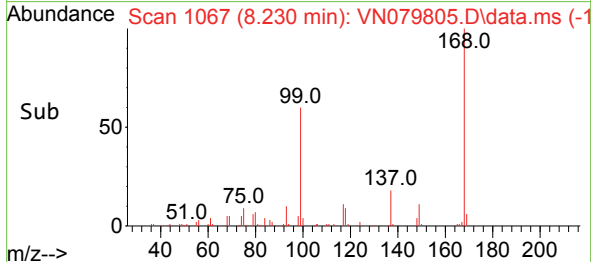
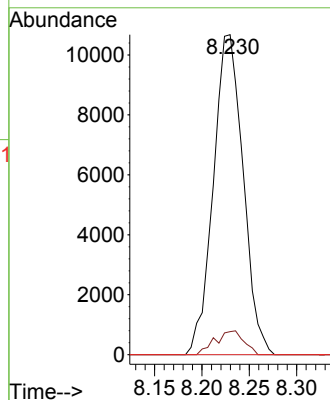
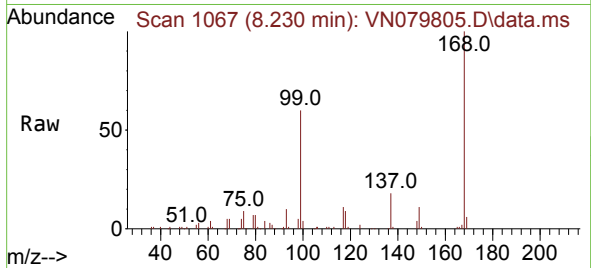




#38
Carbon Tetrachloride
Concen: 5.436 ug/l
RT: 8.230 min Scan# 117
Delta R.T. -0.129 min
Lab File: VN079805.D
Acq: 02 Nov 2023 18:22

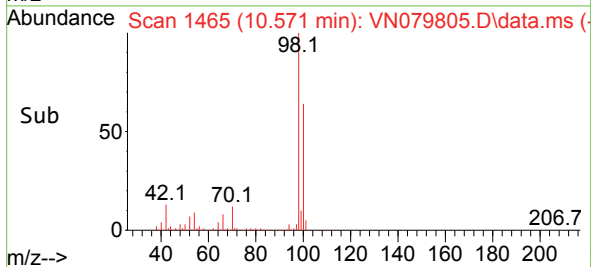
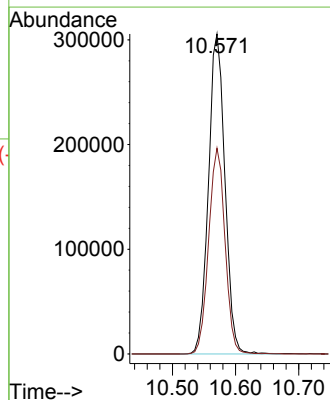
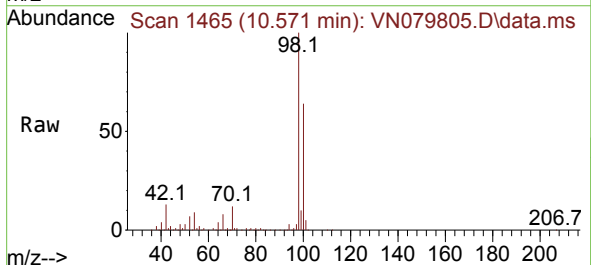
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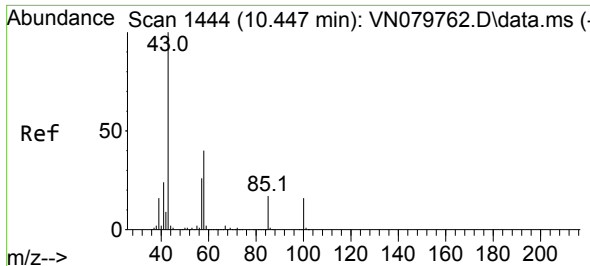
Tgt Ion:117 Resp: 23385
Ion Ratio Lower Upper
117 100
119 7.2 77.3 115.9#
121 0.0 23.3 34.9#



#50
Toluene-d8
Concen: 50.330 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079805.D
Acq: 02 Nov 2023 18:22

Tgt Ion: 98 Resp: 553916
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0

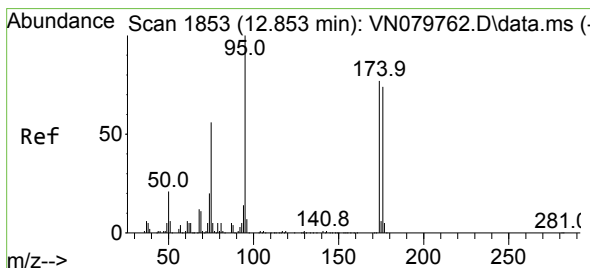
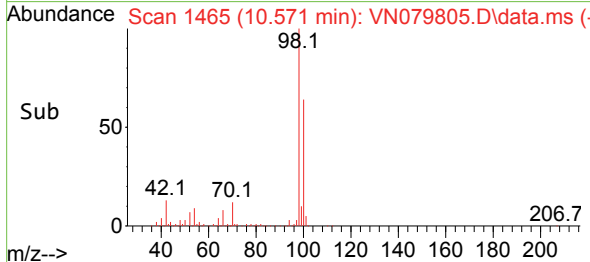
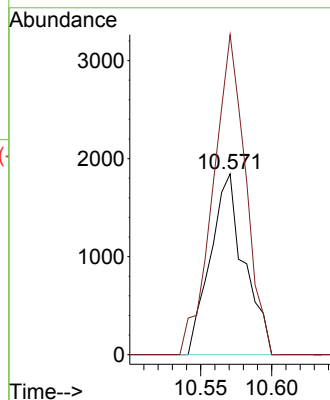
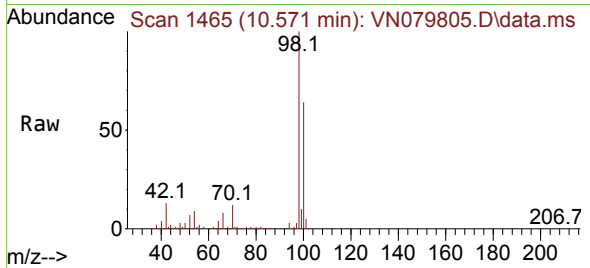




#51
4-Methyl-2-Pentanone
Concen: 0.790 ug/l
RT: 10.571 min Scan# 1444
Delta R.T. 0.124 min
Lab File: VN079805.D
Acq: 02 Nov 2023 18:22

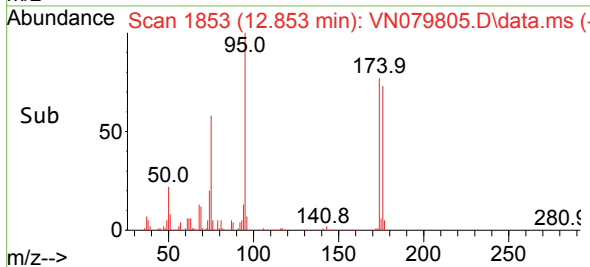
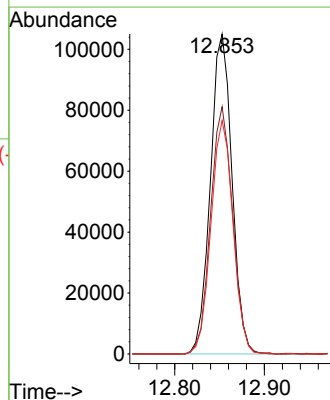
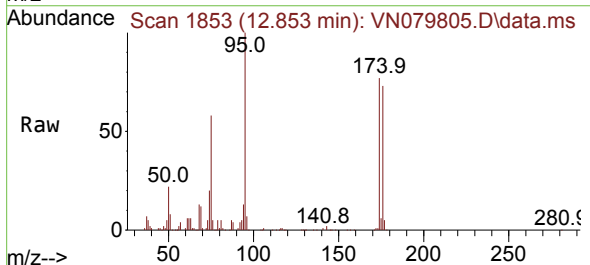
Instrument :
MSVOA_N
ClientSampleId :
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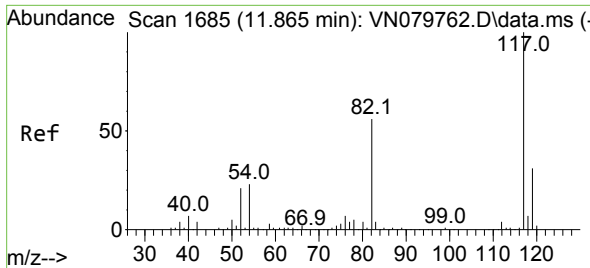
Tgt Ion: 43 Resp: 3055
Ion Ratio Lower Upper
43 100
58 169.9 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 48.142 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079805.D
Acq: 02 Nov 2023 18:22

Tgt Ion: 95 Resp: 175721
Ion Ratio Lower Upper
95 100
174 79.1 0.0 143.8
176 74.2 0.0 135.8

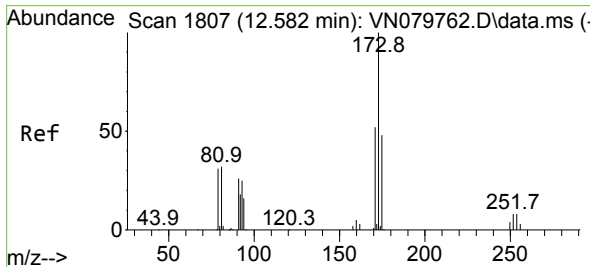
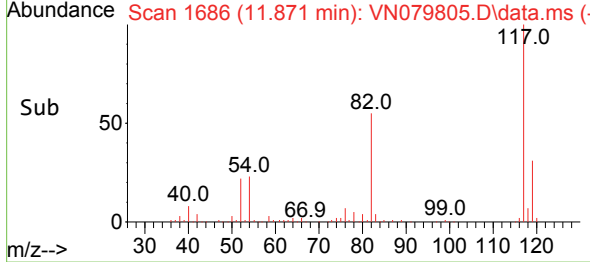
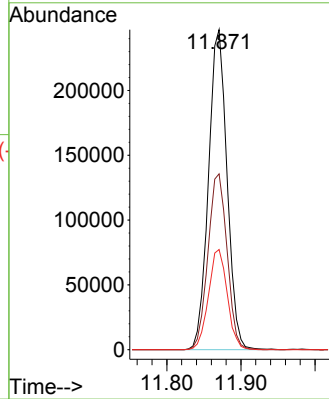
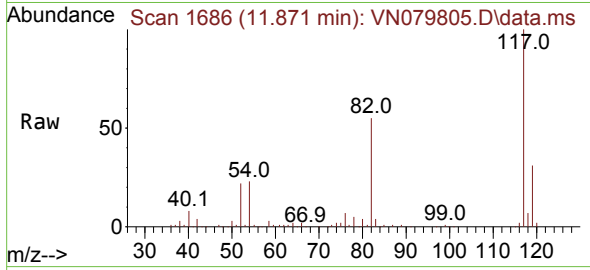




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079805.D
Acq: 02 Nov 2023 18:22

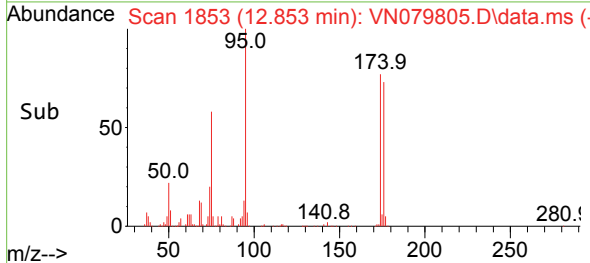
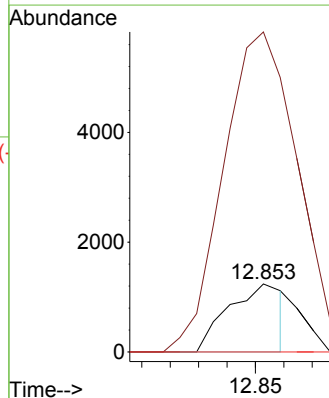
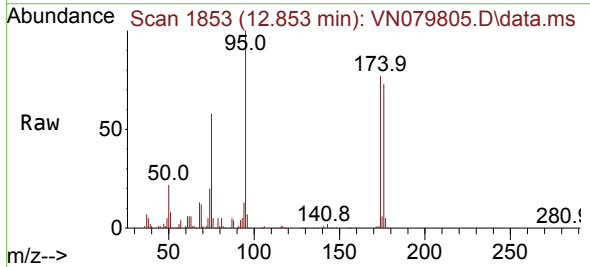
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-188-GW-400-402

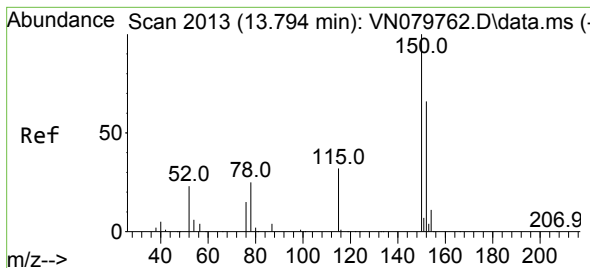
Tgt Ion:117 Resp: 428718
Ion Ratio Lower Upper
117 100
82 55.0 44.0 66.0
119 31.3 25.6 38.4



#71
Bromoform
Concen: 0.698 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN079805.D
Acq: 02 Nov 2023 18:22

Tgt Ion:173 Resp: 1661
Ion Ratio Lower Upper
173 100
175 504.1 24.3 73.0#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN079805.D

Acq: 02 Nov 2023 18:22

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-188-GW-400-402

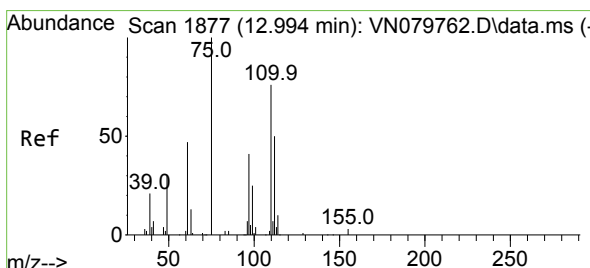
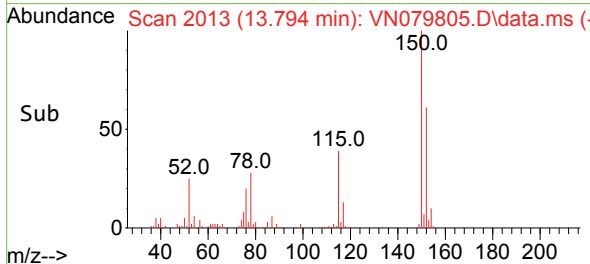
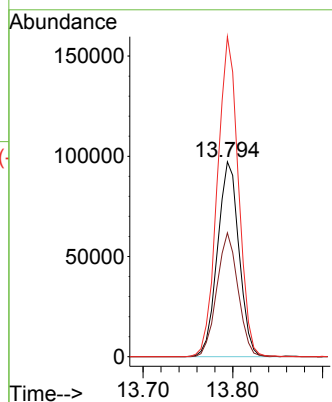
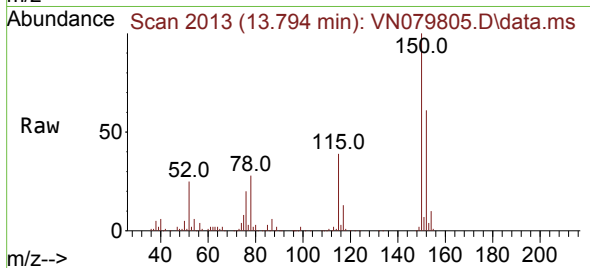
Tgt Ion:152 Resp: 161947

Ion Ratio Lower Upper

152 100

115 62.5 32.3 96.8

150 160.2 0.0 355.8



#76

1,2,3-Trichloropropane

Concen: 26.394 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN079805.D

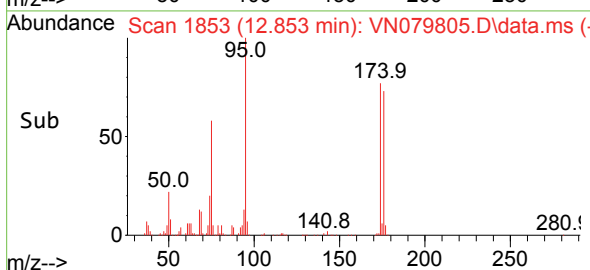
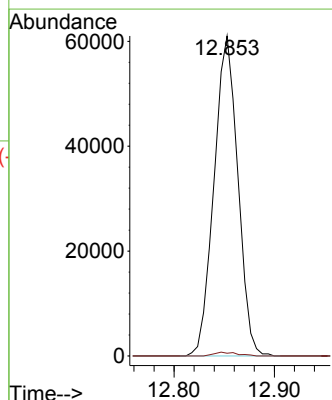
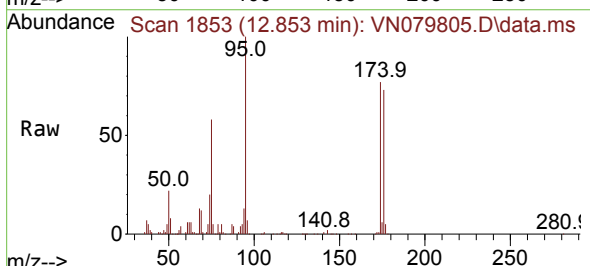
Acq: 02 Nov 2023 18:22

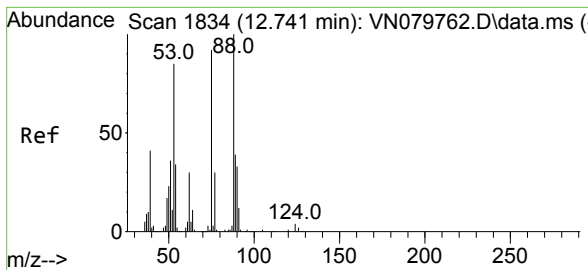
Tgt Ion: 75 Resp: 100350

Ion Ratio Lower Upper

75 100

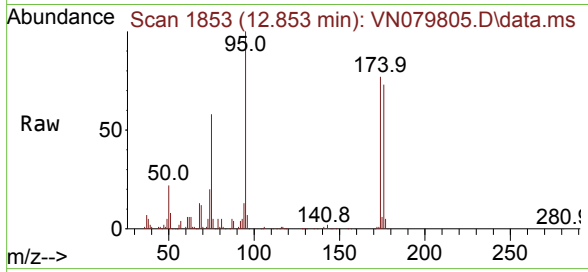
77 1.2 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.811 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN079805.D
 Acq: 02 Nov 2023 18:22

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-188-GW-400-402



Tgt Ion: 75 Resp: 100350
 Ion Ratio Lower Upper
 75 100
 53 0.1 67.4 101.2#
 89 0.0 38.8 58.2#

