

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079807.D
 Acq On : 02 Nov 2023 19:09
 Operator : JC\MD
 Sample : 05225-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-188-GW-320-322

Quant Time: Nov 03 04:05:37 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	199928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	405520	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	426591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	167410	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	191221	62.778	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	125.560%#
35) Dibromofluoromethane	8.171	113	156268	54.447	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.900%
50) Toluene-d8	10.571	98	534392	50.577	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.160%
62) 4-Bromofluorobenzene	12.853	95	182043	51.950	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.900%

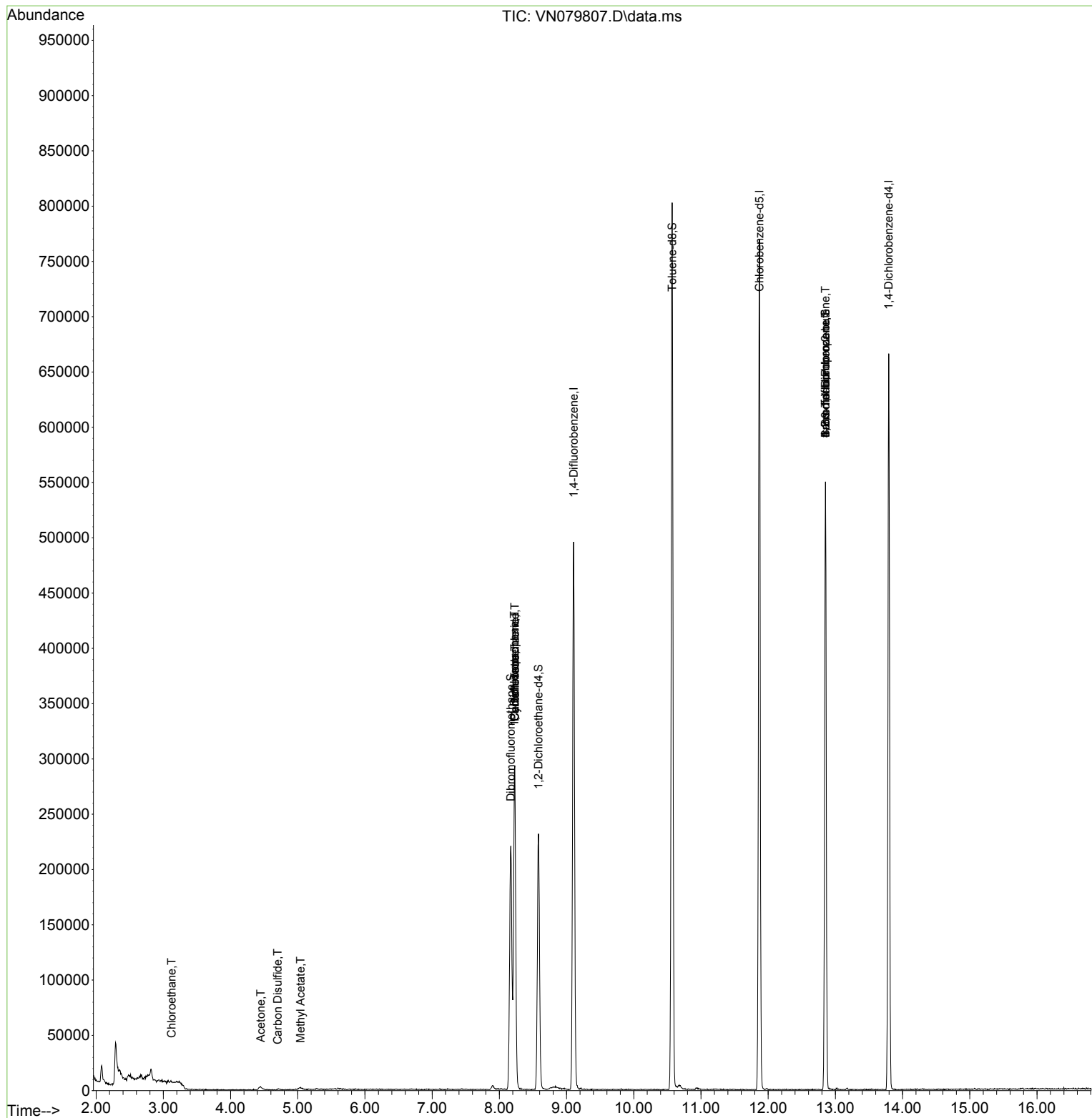
Target Compounds					Qvalue	
6) Chloroethane	3.124	64	1003	0.403	ug/l #	43
16) Acetone	4.448	43	5839	5.457	ug/l	90
17) Carbon Disulfide	4.700	76	1281	0.206	ug/l #	75
18) Methyl Acetate	5.042	43	3631	0.709	ug/l #	57
31) Cyclohexane	8.230	56	5469	1.359	ug/l #	8
36) 1,1-Dichloropropene	8.224	75	18502	4.515	ug/l #	47
38) Carbon Tetrachloride	8.230	117	22556	5.461	ug/l #	16
71) Bromoform	12.853	173	1502	0.634	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	98676	25.107	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	98676	68.309	ug/l #	15

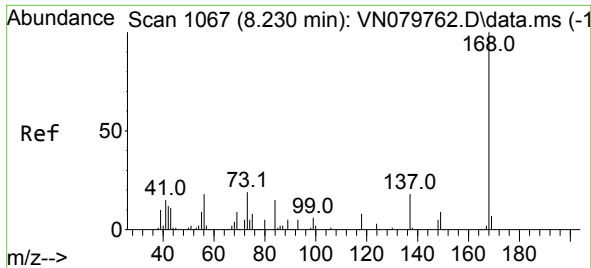
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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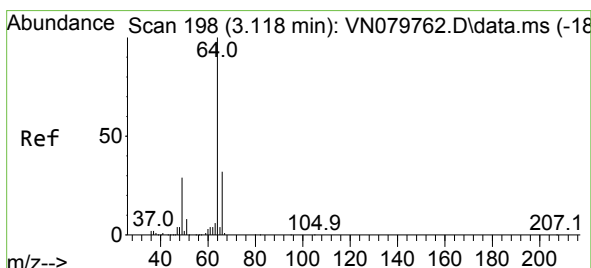
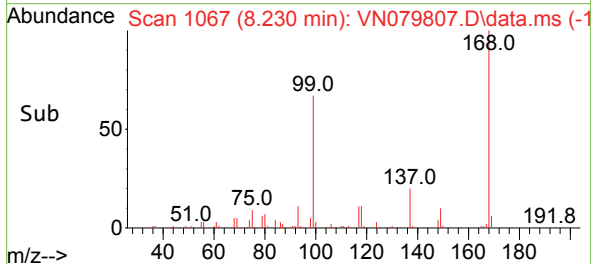
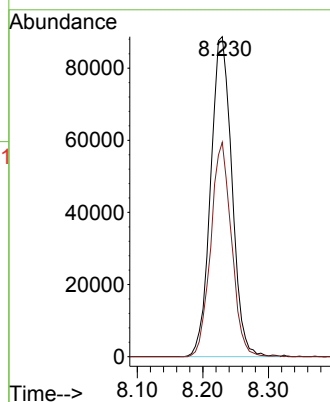
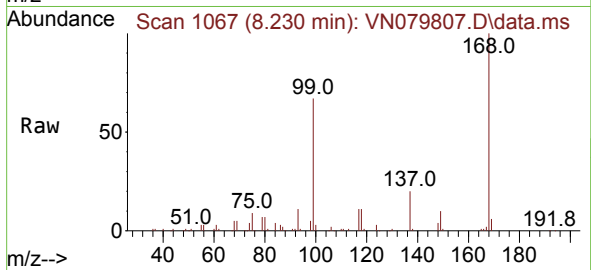




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079807.D
Acq: 02 Nov 2023 19:09

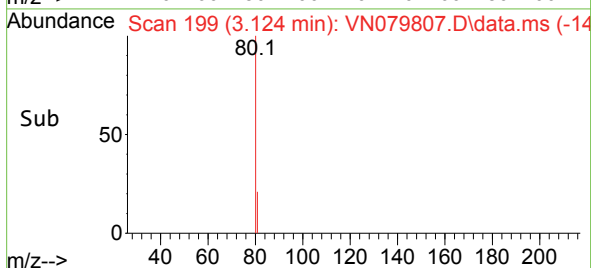
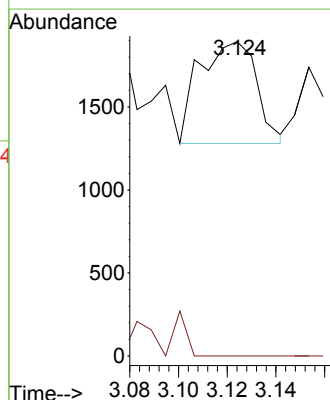
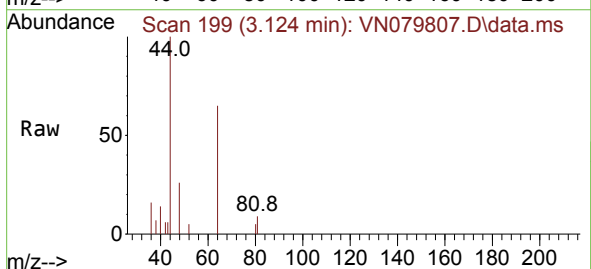
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-188-GW-320-322

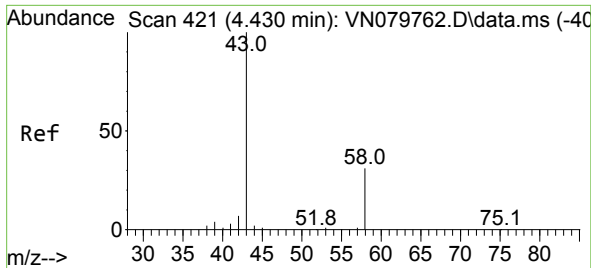
Tgt Ion:168 Resp: 199928
Ion Ratio Lower Upper
168 100
99 67.0 53.0 79.6



#6
Chloroethane
Concen: 0.403 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN079807.D
Acq: 02 Nov 2023 19:09

Tgt Ion: 64 Resp: 1003
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#





#16

Acetone

Concen: 5.457 ug/l

RT: 4.448 min Scan# 41

Delta R.T. 0.018 min

Lab File: VN079807.D

Acq: 02 Nov 2023 19:09

Instrument :

MSVOA_N

ClientSampleId :

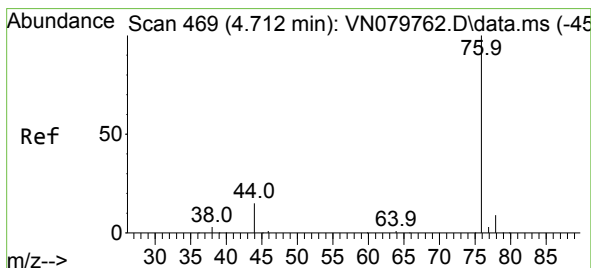
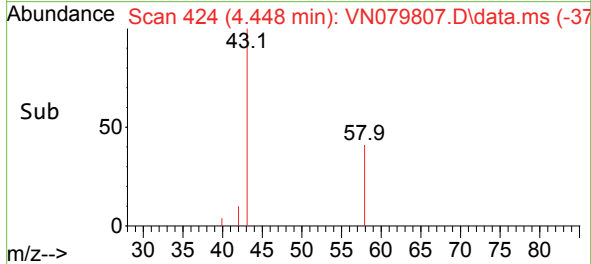
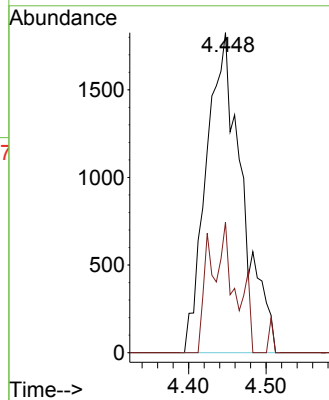
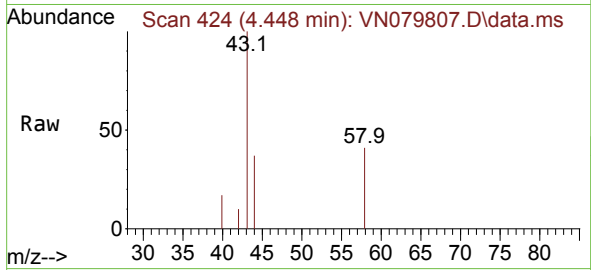
BP-VPB-188-GW-320-322

Tgt Ion: 43 Resp: 5839

Ion Ratio Lower Upper

43 100

58 40.8 28.0 42.0



#17

Carbon Disulfide

Concen: 0.206 ug/l

RT: 4.700 min Scan# 467

Delta R.T. -0.012 min

Lab File: VN079807.D

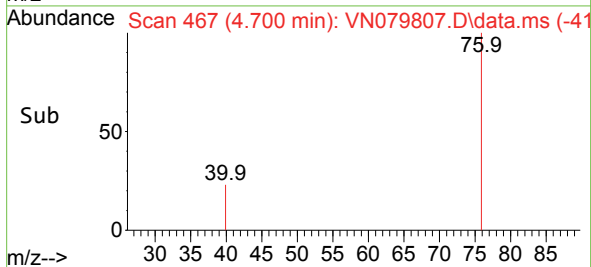
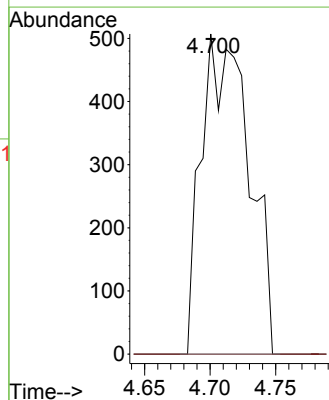
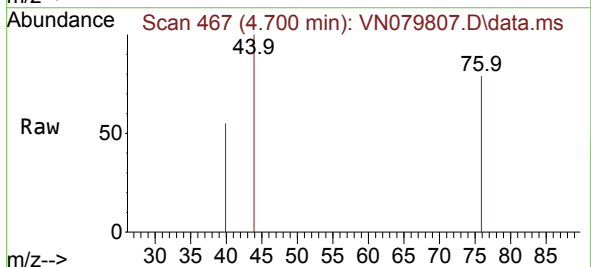
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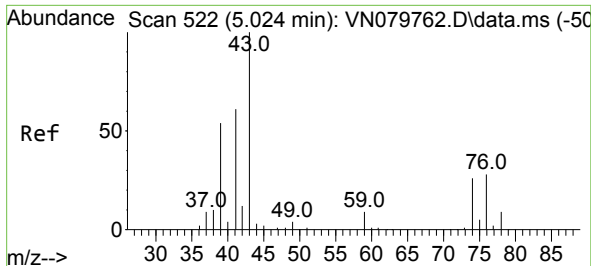
Tgt Ion: 76 Resp: 1281

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#

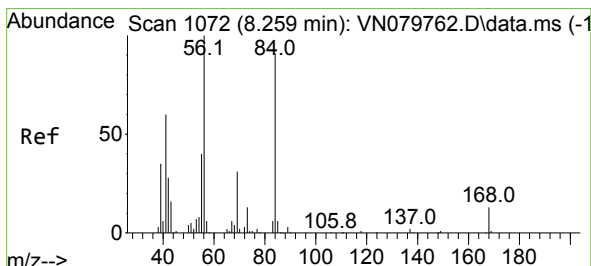
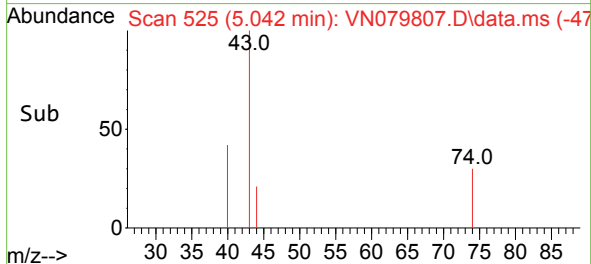
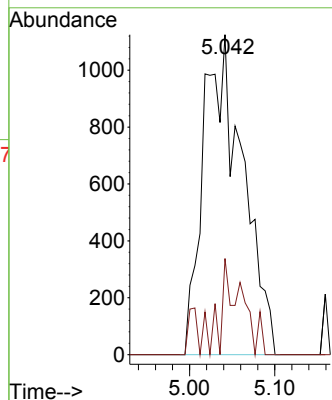
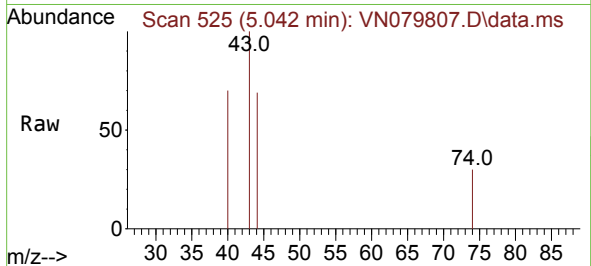




#18
Methyl Acetate
Concen: 0.709 ug/l
RT: 5.042 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN079807.D
Acq: 02 Nov 2023 19:09

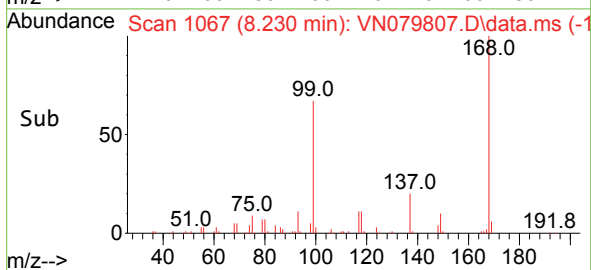
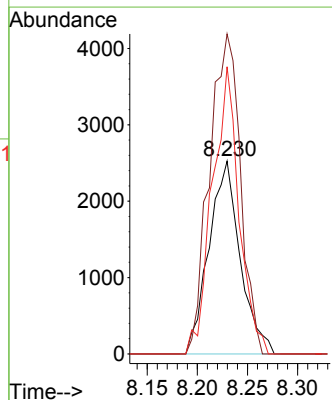
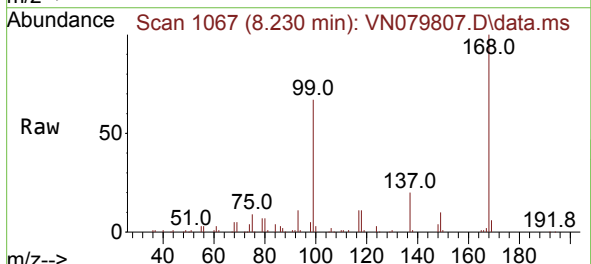
Instrument :
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BP-VPB-188-GW-320-322

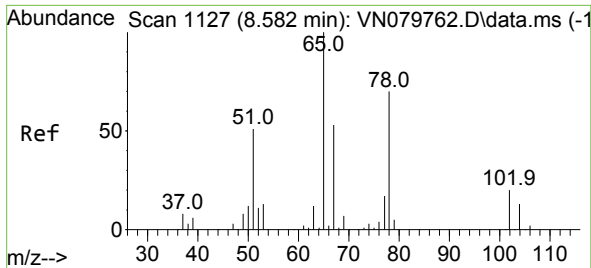
Tgt Ion: 43 Resp: 3631
Ion Ratio Lower Upper
43 100
74 8.4 26.2 39.4#



#31
Cyclohexane
Concen: 1.359 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN079807.D
Acq: 02 Nov 2023 19:09

Tgt Ion: 56 Resp: 5469
Ion Ratio Lower Upper
56 100
69 165.9 26.8 40.2#
84 149.0 81.8 122.6#

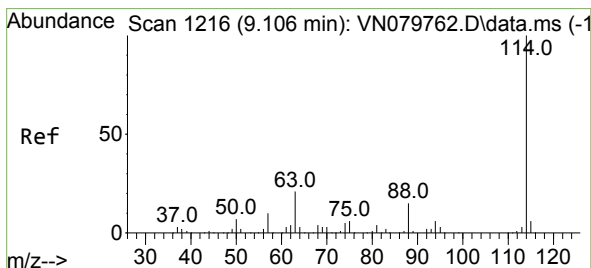
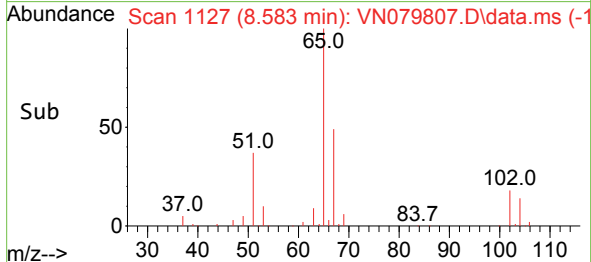
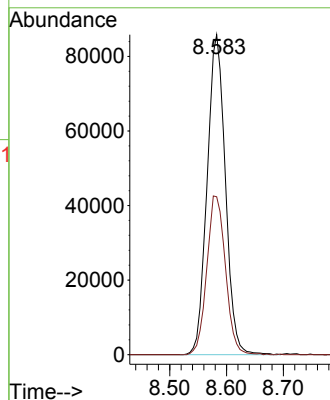
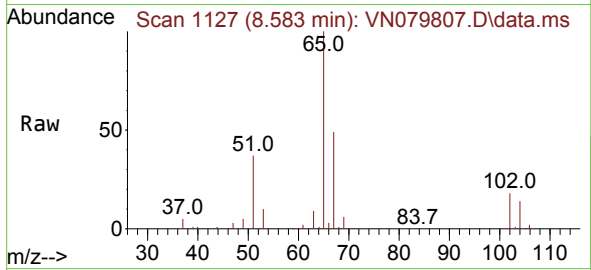




#33
 1,2-Dichloroethane-d4
 Concen: 62.778 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN079807.D
 Acq: 02 Nov 2023 19:09

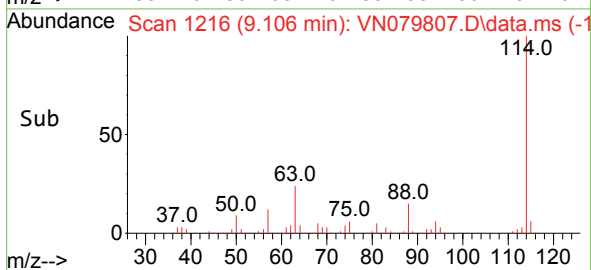
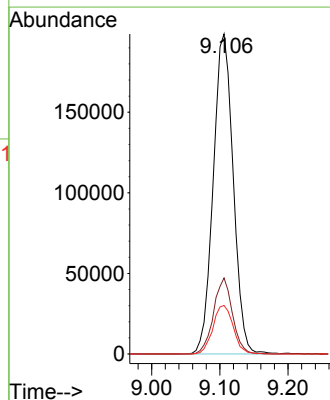
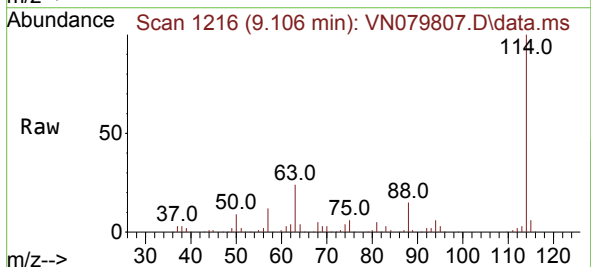
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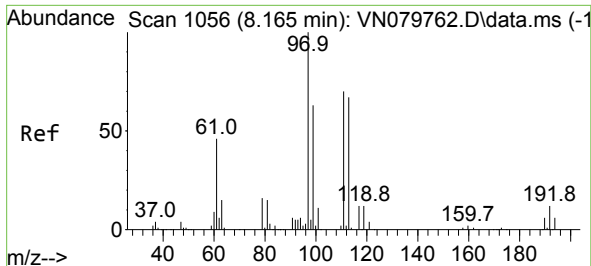
Tgt Ion: 65 Resp: 191221
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN079807.D
 Acq: 02 Nov 2023 19:09

Tgt Ion: 114 Resp: 405520
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 36.4
 88 15.2 0.0 30.6

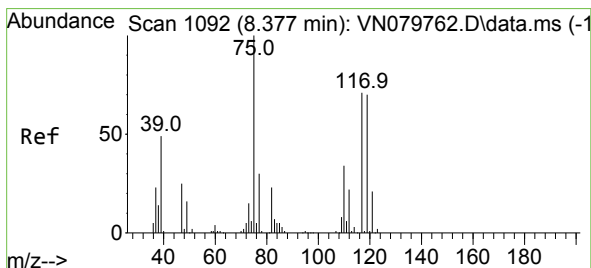
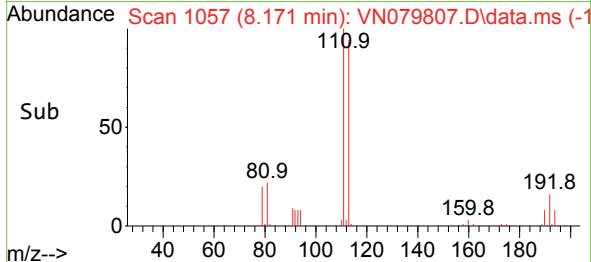
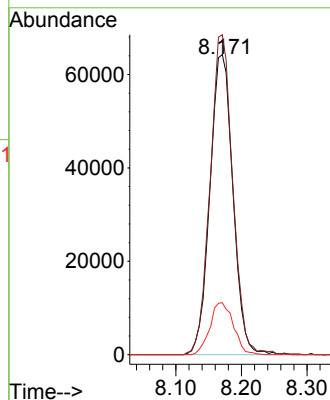
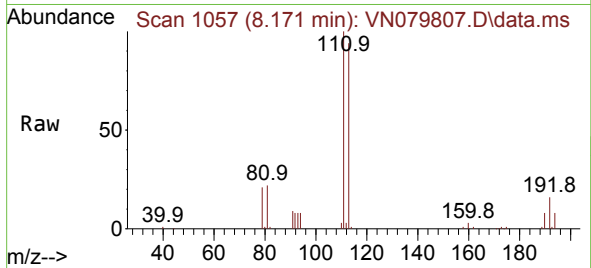




#35
Dibromofluoromethane
Concen: 54.447 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN079807.D
Acq: 02 Nov 2023 19:09

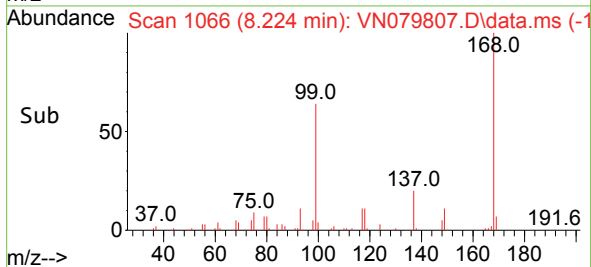
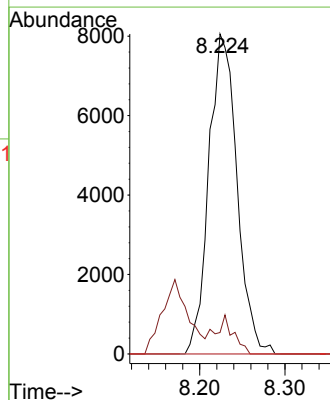
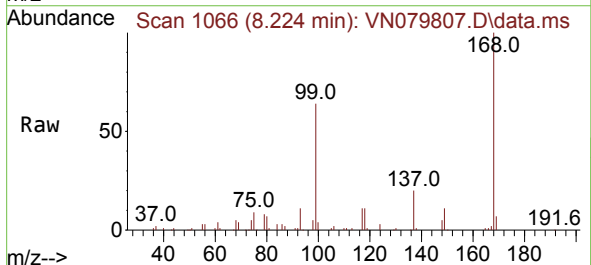
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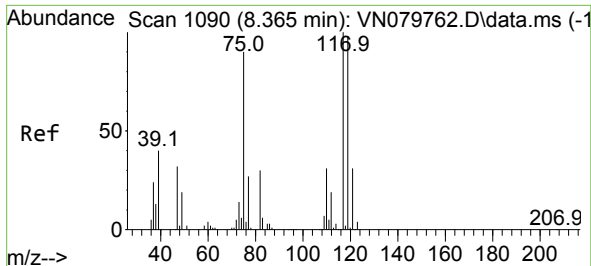
Tgt Ion:113 Resp: 156268
Ion Ratio Lower Upper
113 100
111 105.4 82.6 123.8
192 17.8 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.515 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN079807.D
Acq: 02 Nov 2023 19:09

Tgt Ion: 75 Resp: 18502
Ion Ratio Lower Upper
75 100
110 7.8 19.1 57.3#
77 0.0 25.0 37.4#

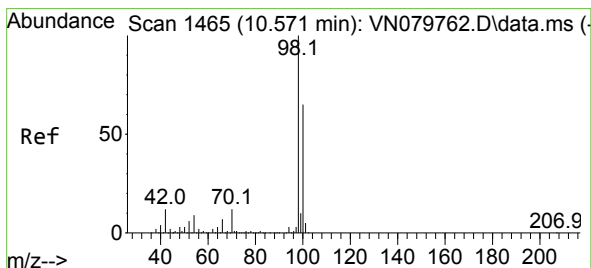
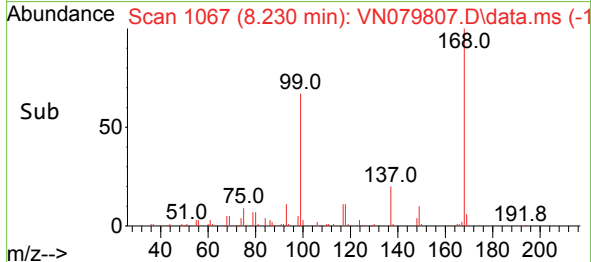
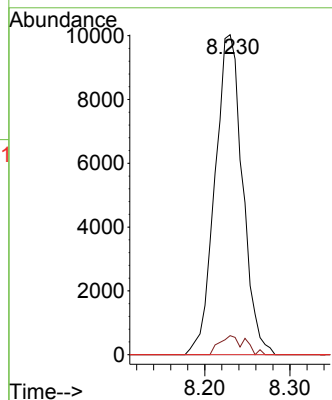
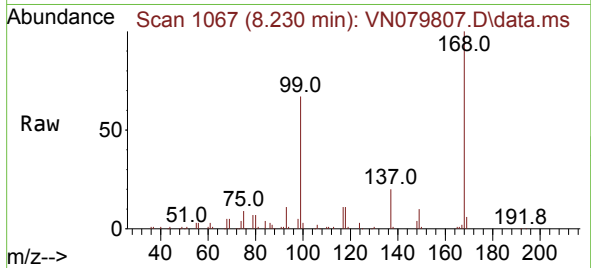




#38
Carbon Tetrachloride
Concen: 5.461 ug/l
RT: 8.230 min Scan# 1090
Delta R.T. -0.129 min
Lab File: VN079807.D
Acq: 02 Nov 2023 19:09

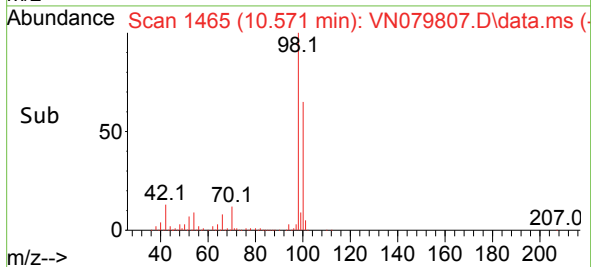
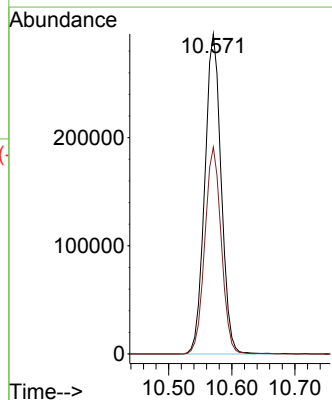
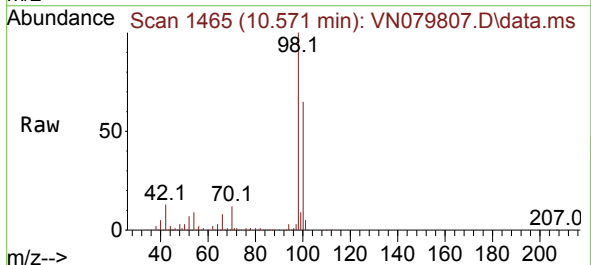
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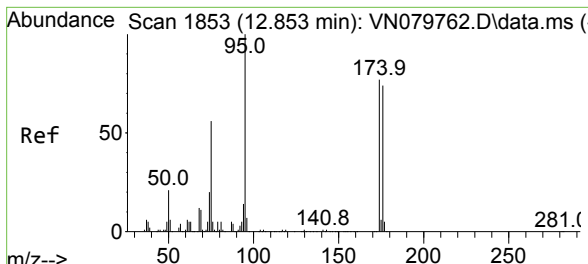
Tgt Ion:117 Resp: 22556
Ion Ratio Lower Upper
117 100
119 6.0 77.3 115.9#
121 0.0 23.3 34.9#



#50
Toluene-d8
Concen: 50.577 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079807.D
Acq: 02 Nov 2023 19:09

Tgt Ion: 98 Resp: 534392
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

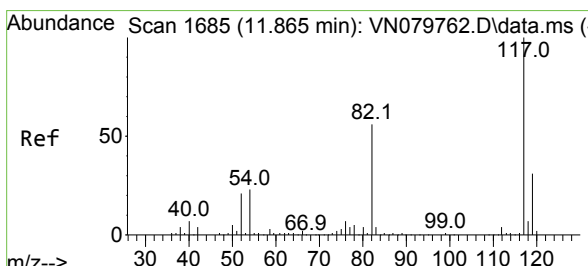
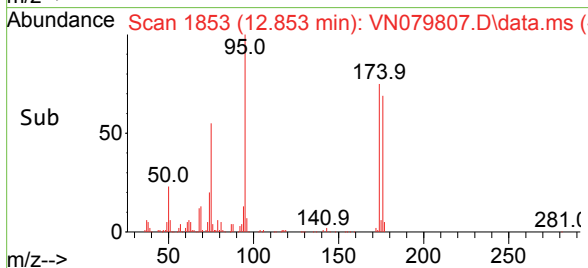
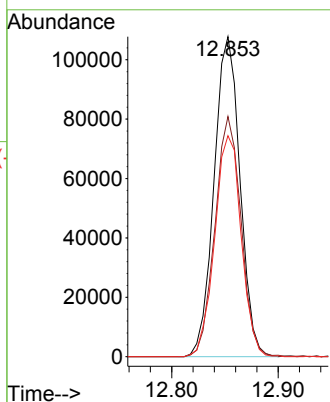
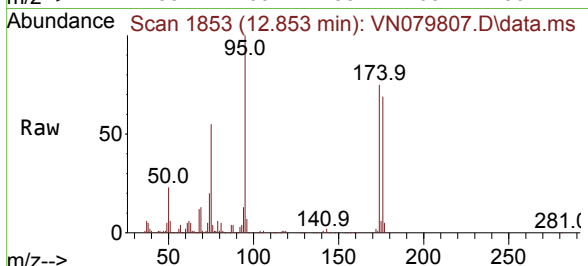




#62
 4-Bromofluorobenzene
 Concen: 51.950 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VN079807.D
 Acq: 02 Nov 2023 19:09

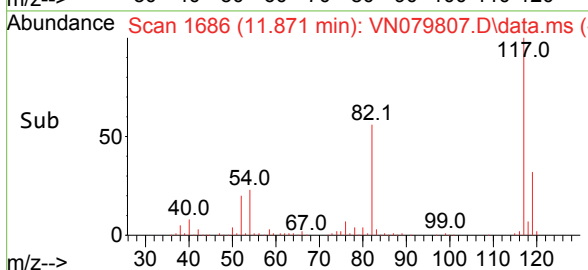
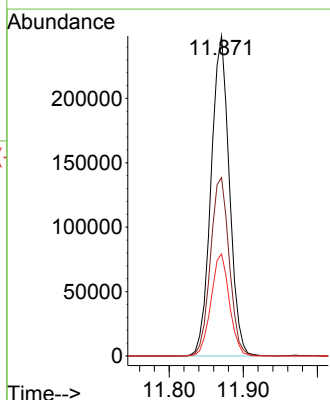
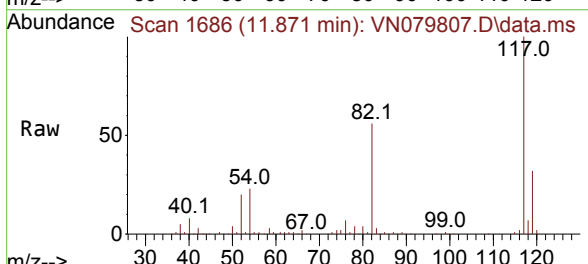
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-188-GW-320-322

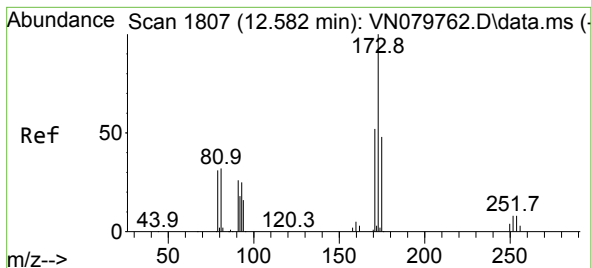
Tgt Ion:	95	Resp:	182043
Ion	Ratio	Lower	Upper
95	100		
174	75.4	0.0	143.8
176	70.6	0.0	135.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.871 min Scan# 1686
 Delta R.T. 0.000 min
 Lab File: VN079807.D
 Acq: 02 Nov 2023 19:09

Tgt Ion:	117	Resp:	426591
Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.0	66.0
119	31.9	25.6	38.4





#71

Bromoform

Concen: 0.634 ug/l

RT: 12.853 min Scan# 11

Delta R.T. 0.271 min

Lab File: VN079807.D

Acq: 02 Nov 2023 19:09

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-188-GW-320-322

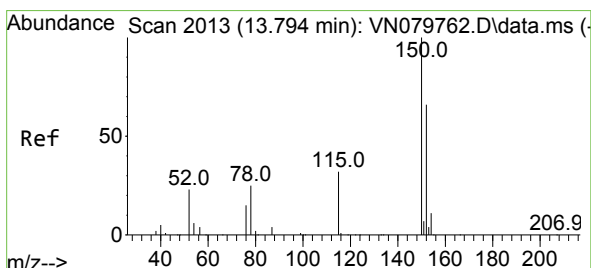
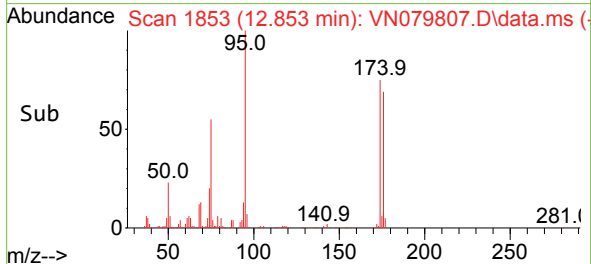
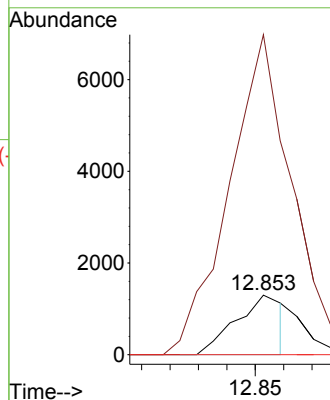
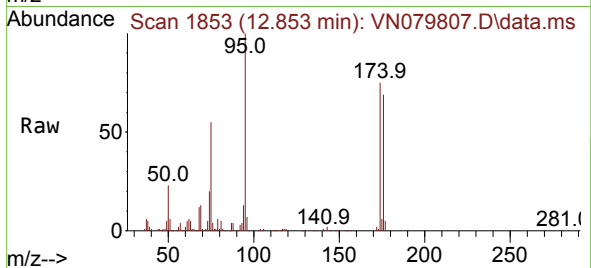
Tgt Ion:173 Resp: 1502

Ion Ratio Lower Upper

173 100

175 573.6 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: VN079807.D

Acq: 02 Nov 2023 19:09

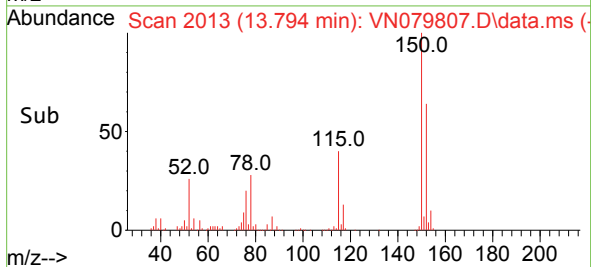
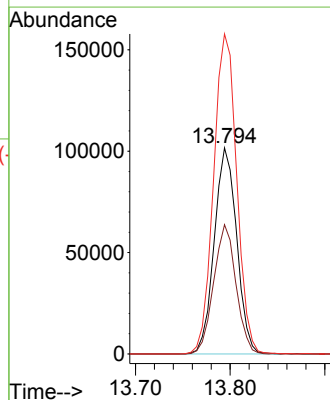
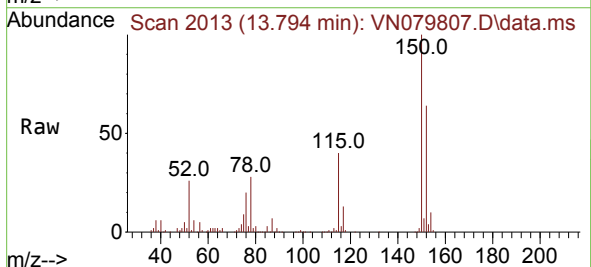
Tgt Ion:152 Resp: 167410

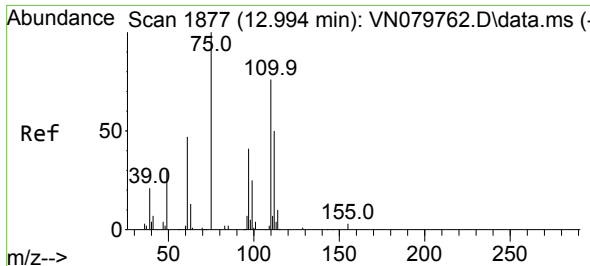
Ion Ratio Lower Upper

152 100

115 62.4 32.3 96.8

150 159.9 0.0 355.8

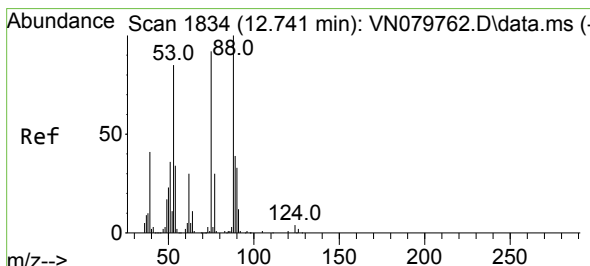
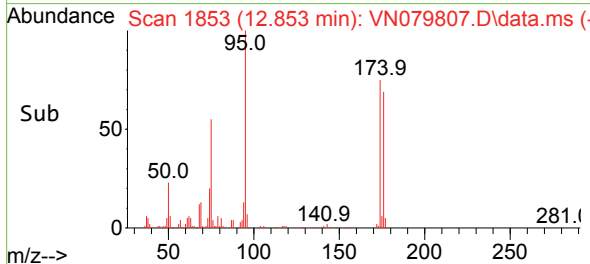
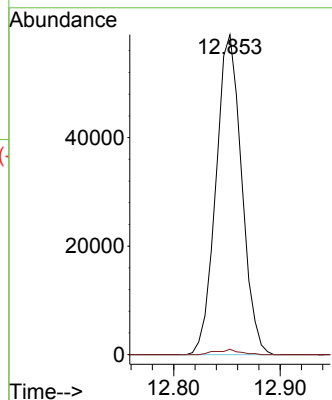
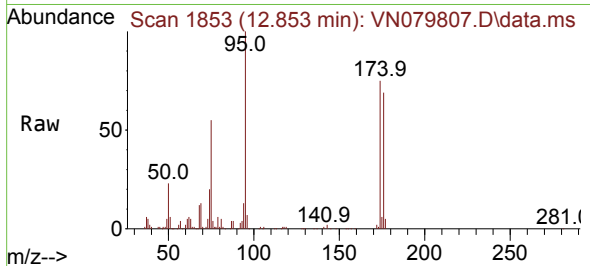




#76
1,2,3-Trichloropropane
Concen: 25.107 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN079807.D
Acq: 02 Nov 2023 19:09

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-188-GW-320-322

Tgt Ion: 75 Resp: 98676
Ion Ratio Lower Upper
75 100
77 1.6 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.309 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN079807.D
Acq: 02 Nov 2023 19:09

Tgt Ion: 75 Resp: 98676
Ion Ratio Lower Upper
75 100
53 0.2 67.4 101.2#
89 0.1 38.8 58.2#

