

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012523\
 Data File : VN076405.D
 Acq On : 25 Jan 2023 16:34
 Operator : JC\MD
 Sample : 01291-01RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW10-TB-20230120

Quant Time: Jan 26 07:18:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

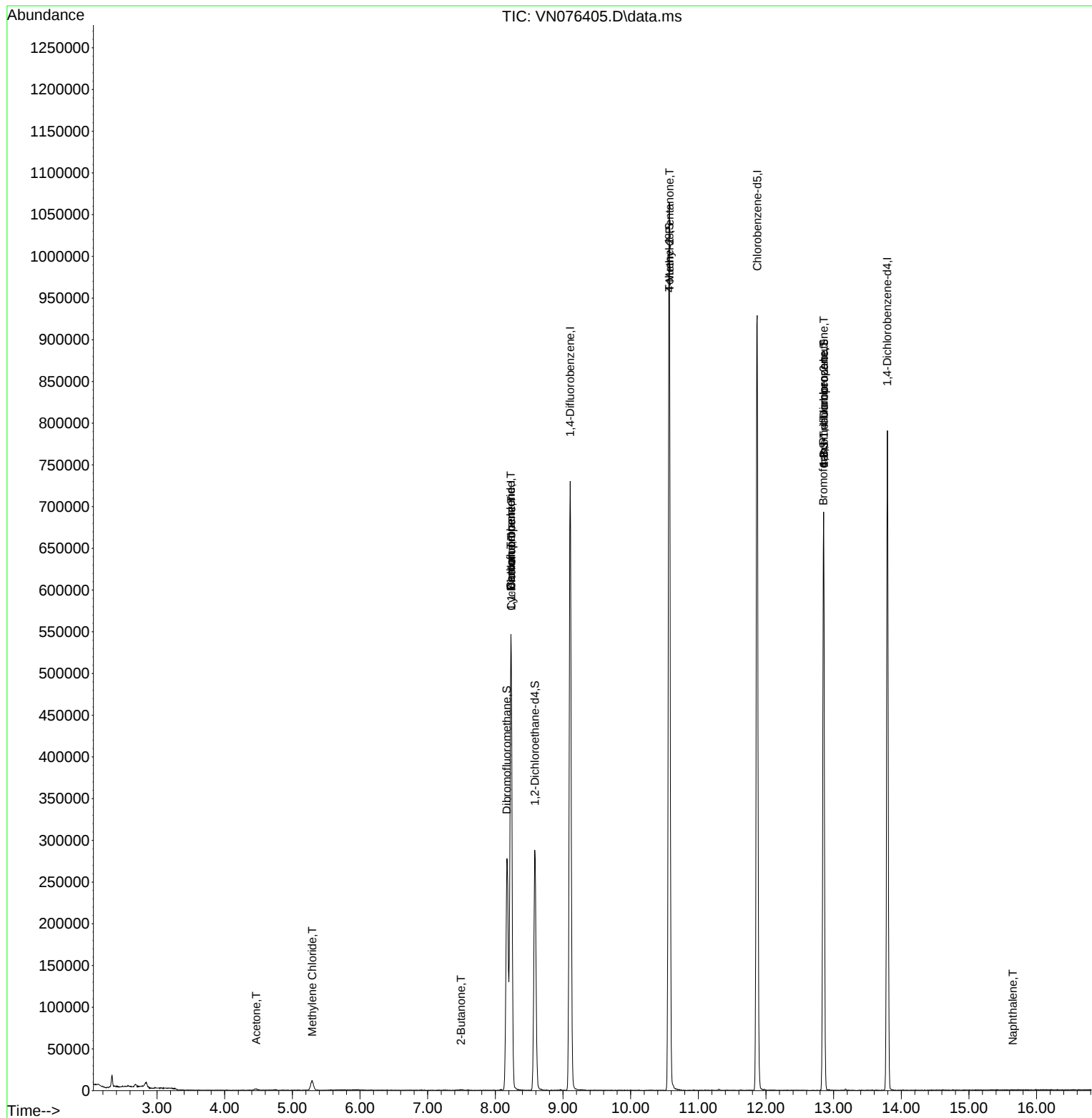
Internal Standards						
1) Pentafluorobenzene	8.230	168	399970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	651754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	556632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	210858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	241952	54.026	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.060%	
35) Dibromofluoromethane	8.171	113	203170	49.833	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.660%	
50) Toluene-d8	10.571	98	753763	50.061	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.120%	
62) 4-Bromofluorobenzene	12.853	95	227427	46.269	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.540%	
Target Compounds						
					Qvalue	
16) Acetone	4.465	43	3349	2.260	ug/l #	74
20) Methylene Chloride	5.294	84	9082	1.554	ug/l #	89
25) 2-Butanone	7.494	43	715	0.326	ug/l #	40
31) Cyclohexane	8.235	56	9090	1.321	ug/l #	36
36) 1,1-Dichloropropene	8.235	75	30836	5.323	ug/l #	49
38) Carbon Tetrachloride	8.230	117	40991	6.345	ug/l #	17
51) 4-Methyl-2-Pentanone	10.576	43	3050	0.687	ug/l #	1
71) Bromoform	12.847	173	1613	0.510	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	124027	31.946	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	124027	97.867	ug/l #	11
95) Naphthalene	15.647	128	372	1.872	ug/l #	69

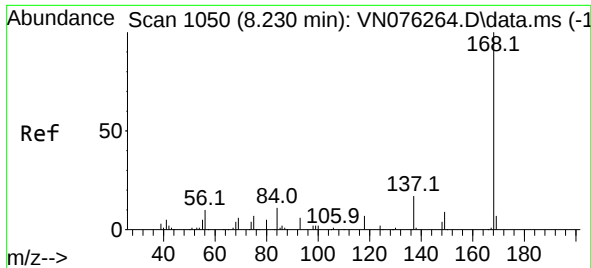
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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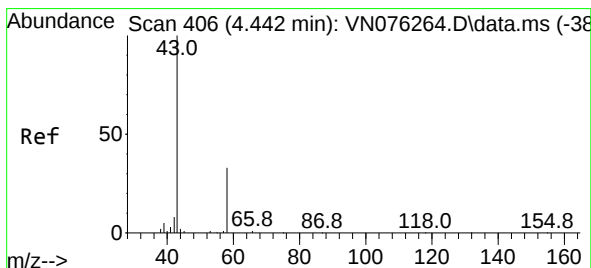
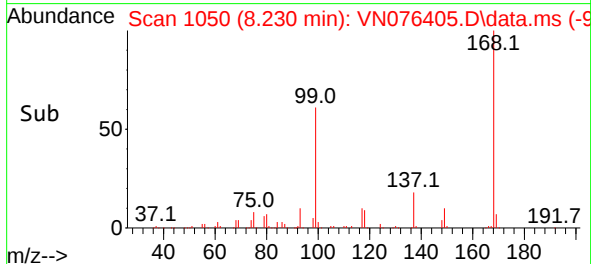
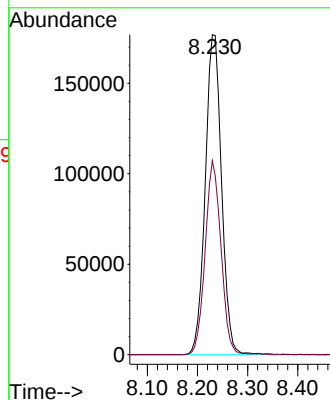
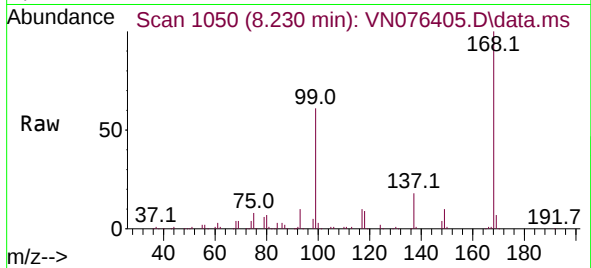




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076405.D
Acq: 25 Jan 2023 16:34

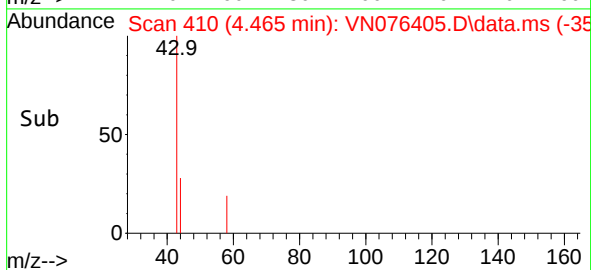
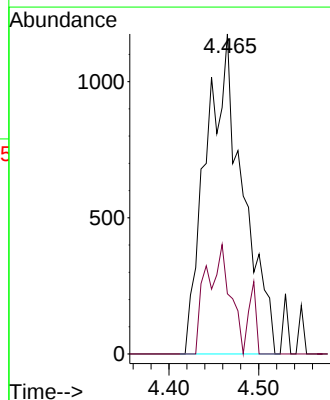
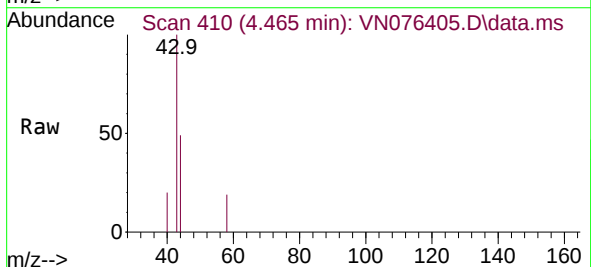
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-TB-20230120

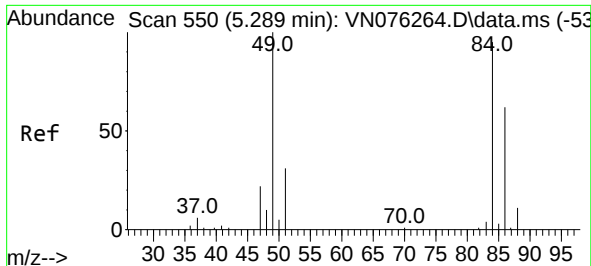
Tgt Ion:168 Resp: 399970
Ion Ratio Lower Upper
168 100
99 60.6 41.6 62.4



#16
Acetone
Concen: 2.260 ug/l
RT: 4.465 min Scan# 410
Delta R.T. 0.023 min
Lab File: VN076405.D
Acq: 25 Jan 2023 16:34

Tgt Ion: 43 Resp: 3349
Ion Ratio Lower Upper
43 100
58 18.8 26.7 40.1#

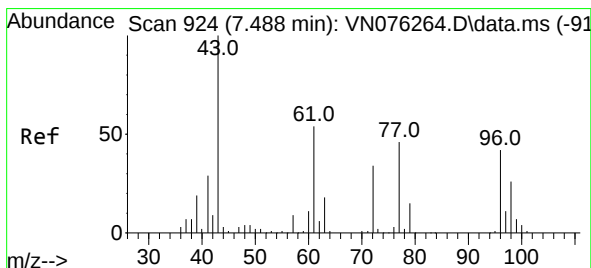
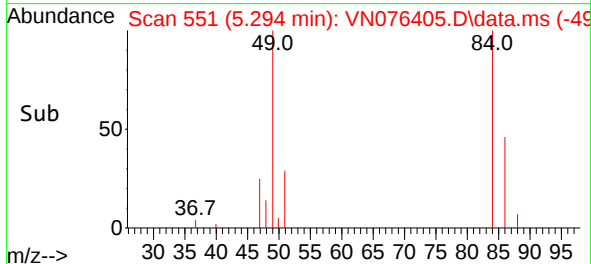
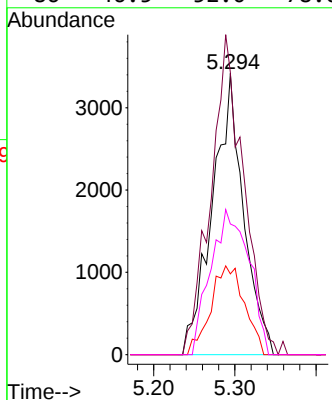
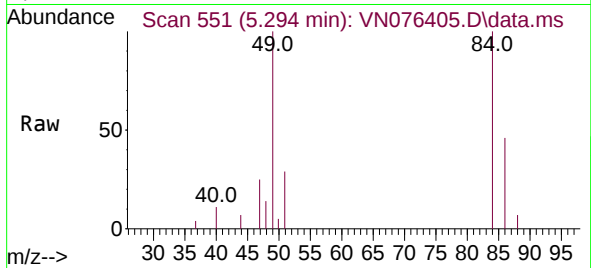




#20
Methylene Chloride
Concen: 1.554 ug/l
RT: 5.294 min Scan# 511
Delta R.T. 0.005 min
Lab File: VN076405.D
Acq: 25 Jan 2023 16:34

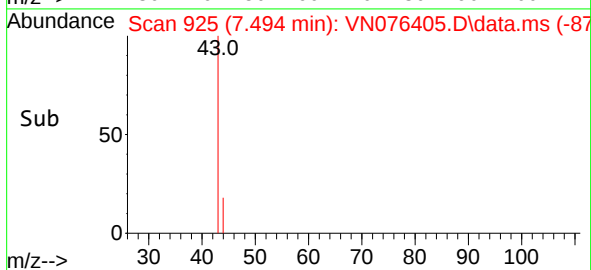
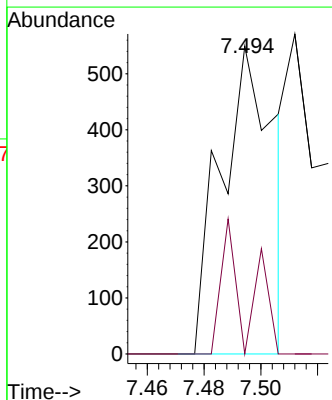
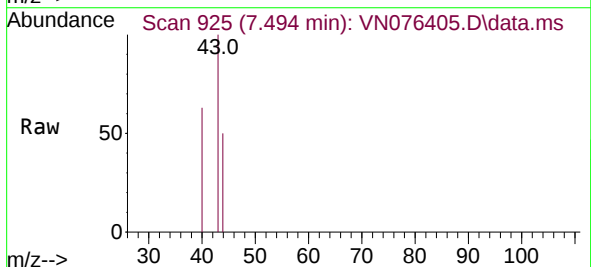
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-TB-20230120

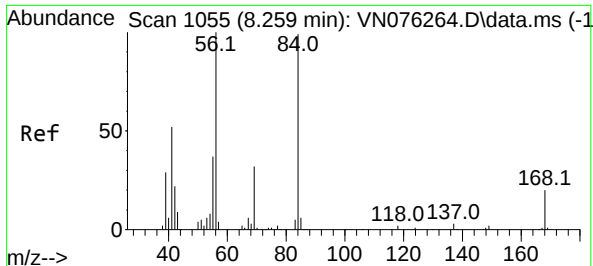
Tgt Ion:	84	Resp:	9082
Ion	Ratio	Lower	Upper
84	100		
49	100.4	84.5	126.7
51	28.7	26.0	39.0
86	46.5	52.0	78.0



#25
2-Butanone
Concen: 0.326 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.006 min
Lab File: VN076405.D
Acq: 25 Jan 2023 16:34

Tgt Ion:	43	Resp:	715
Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.4	41.2

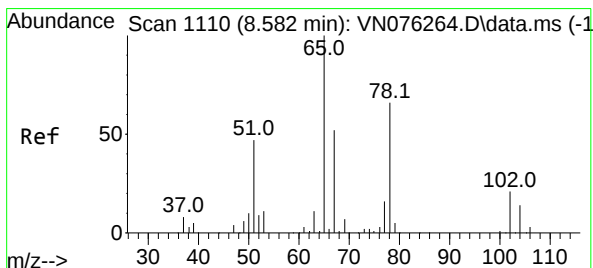
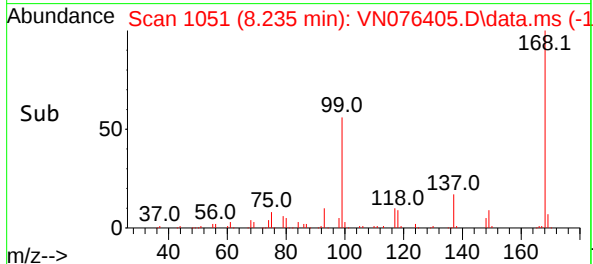
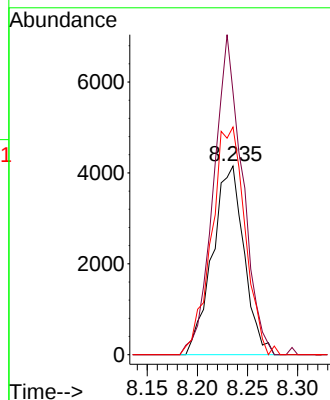
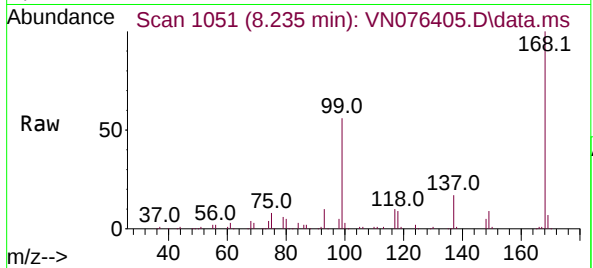




#31
Cyclohexane
Concen: 1.321 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.024 min
Lab File: VN076405.D
Acq: 25 Jan 2023 16:34

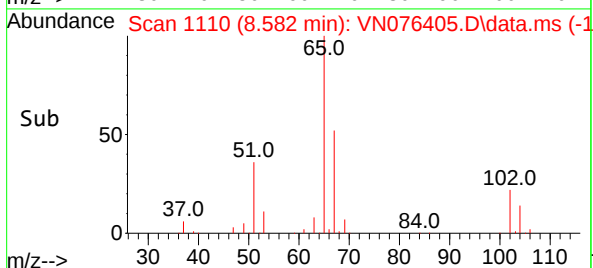
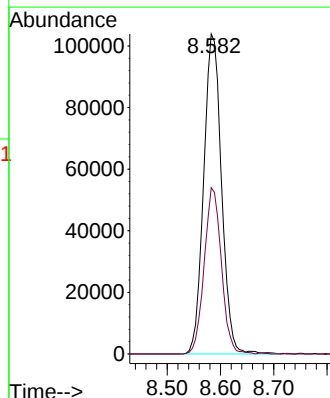
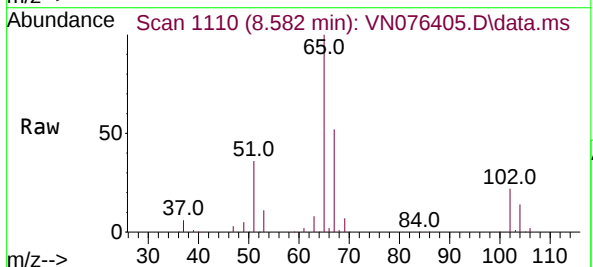
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-TB-20230120

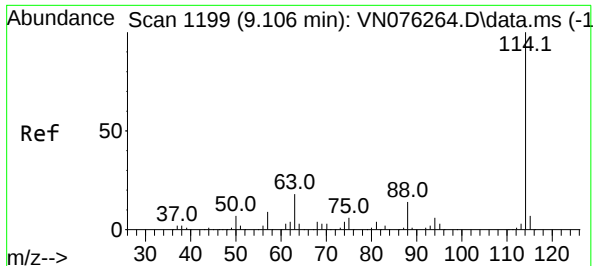
Tgt Ion: 56 Resp: 9090
Ion Ratio Lower Upper
56 100
69 139.2 25.8 38.8#
84 120.7 79.0 118.4#



#33
1,2-Dichloroethane-d4
Concen: 54.026 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076405.D
Acq: 25 Jan 2023 16:34

Tgt Ion: 65 Resp: 241952
Ion Ratio Lower Upper
65 100
67 50.0 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076405.D

Acq: 25 Jan 2023 16:34

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW10-TB-20230120

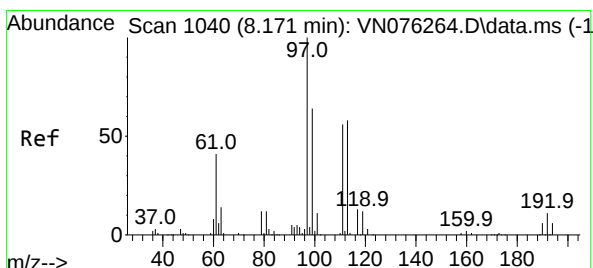
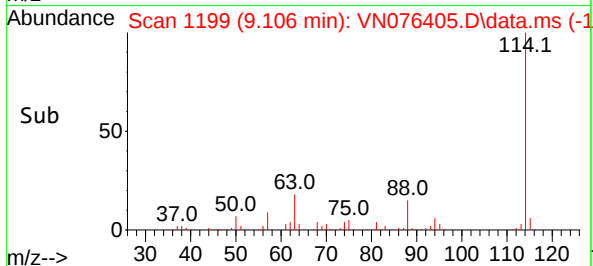
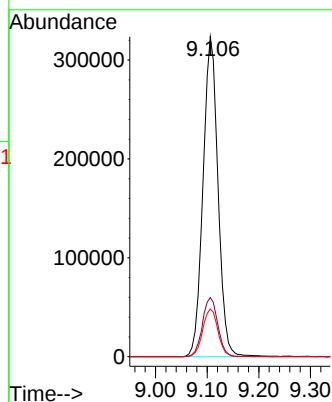
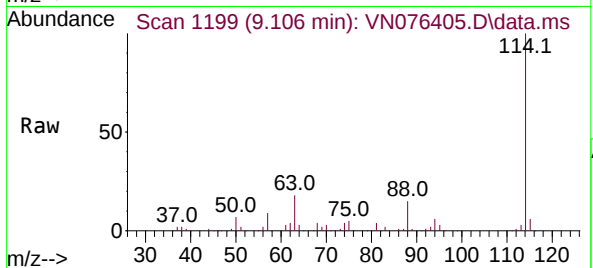
Tgt Ion:114 Resp: 651754

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.8

88 14.9 0.0 28.0



#35

Dibromofluoromethane

Concen: 49.833 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076405.D

Acq: 25 Jan 2023 16:34

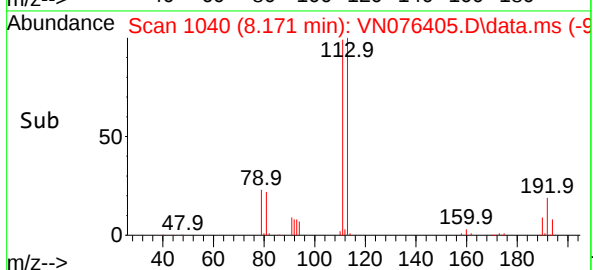
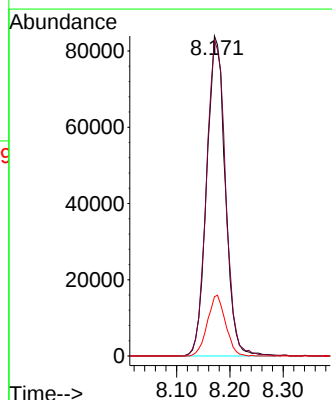
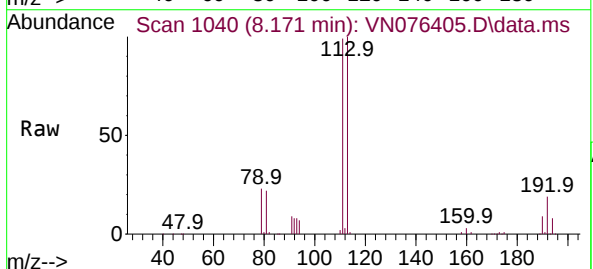
Tgt Ion:113 Resp: 203170

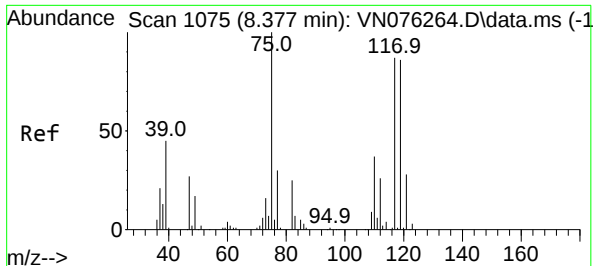
Ion Ratio Lower Upper

113 100

111 101.7 82.7 124.1

192 18.6 15.6 23.4





#36

1,1-Dichloropropene

Concen: 5.323 ug/l

RT: 8.235 min Scan# 1051

Delta R.T. -0.142 min

Lab File: VN076405.D

Acq: 25 Jan 2023 16:34

Instrument :

MSVOA_N

ClientSampleId :

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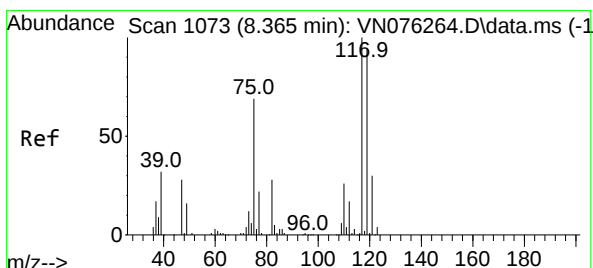
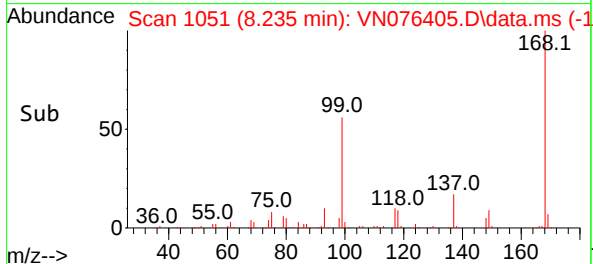
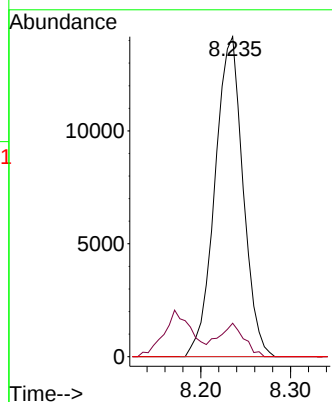
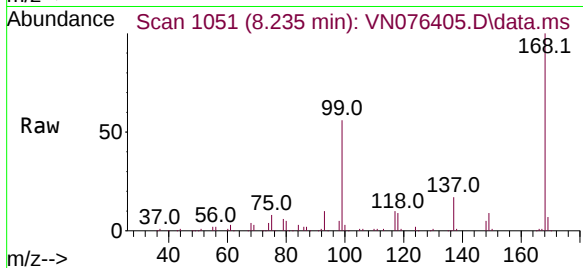
Tgt Ion: 75 Resp: 30836

Ion Ratio Lower Upper

75 100

110 9.5 18.8 56.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.345 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.135 min

Lab File: VN076405.D

Acq: 25 Jan 2023 16:34

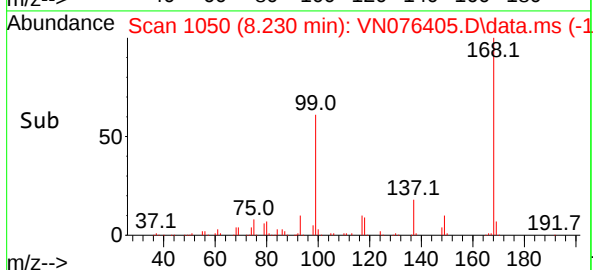
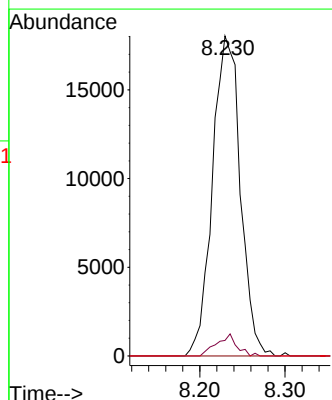
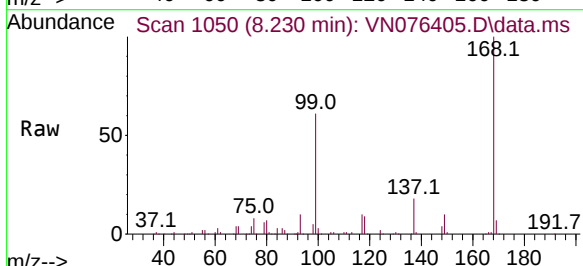
Tgt Ion: 117 Resp: 40991

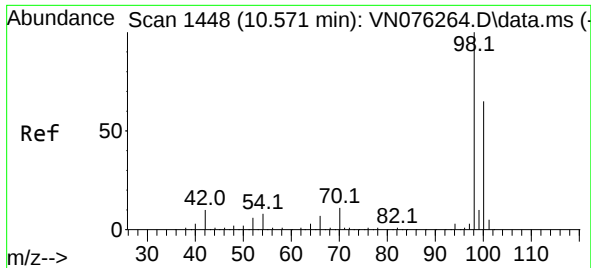
Ion Ratio Lower Upper

117 100

119 4.8 75.4 113.0#

121 0.0 24.2 36.2#

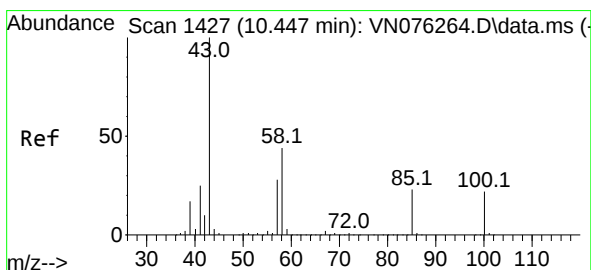
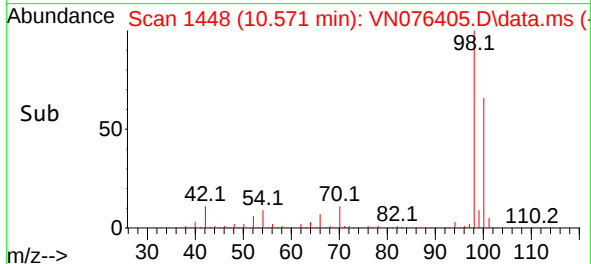
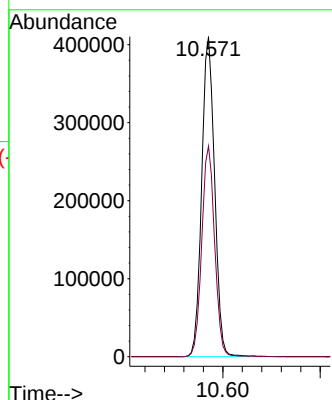
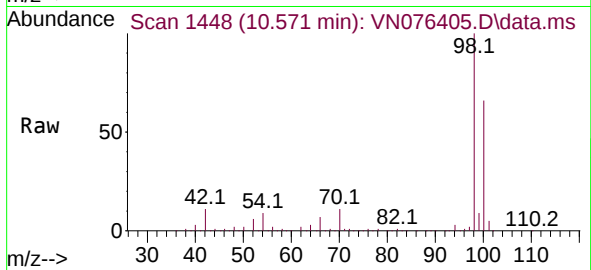




#50
Toluene-d8
Concen: 50.061 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076405.D
Acq: 25 Jan 2023 16:34

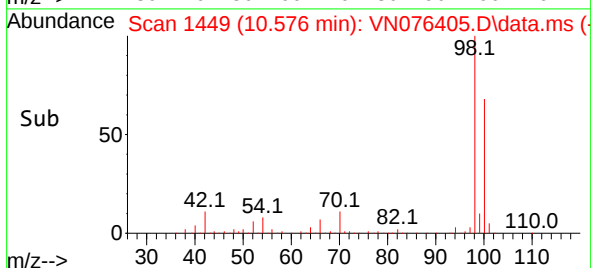
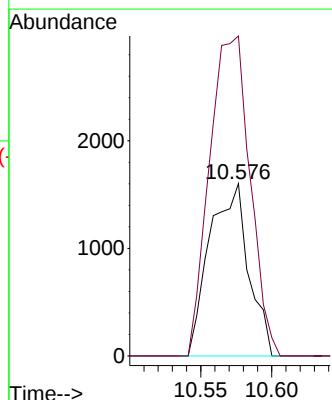
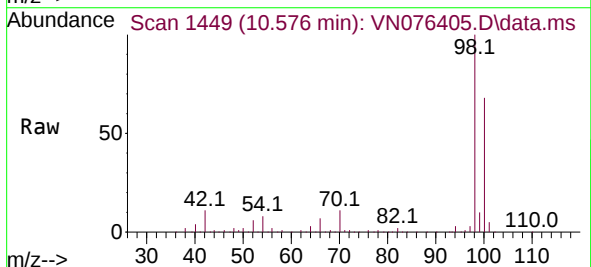
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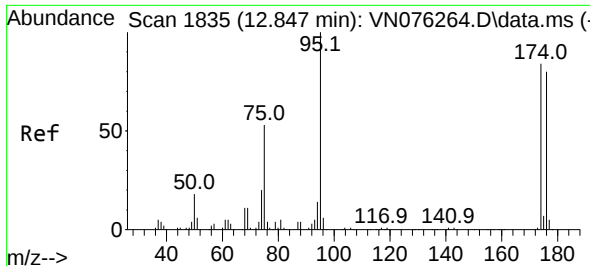
Tgt Ion: 98 Resp: 753763
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.687 ug/l
RT: 10.576 min Scan# 1449
Delta R.T. 0.129 min
Lab File: VN076405.D
Acq: 25 Jan 2023 16:34

Tgt Ion: 43 Resp: 3050
Ion Ratio Lower Upper
43 100
58 193.4 35.1 52.7#





#62

4-Bromofluorobenzene

Concen: 46.269 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.006 min

Lab File: VN076405.D

Acq: 25 Jan 2023 16:34

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW10-TB-20230120

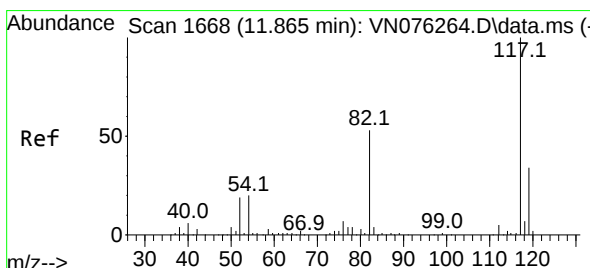
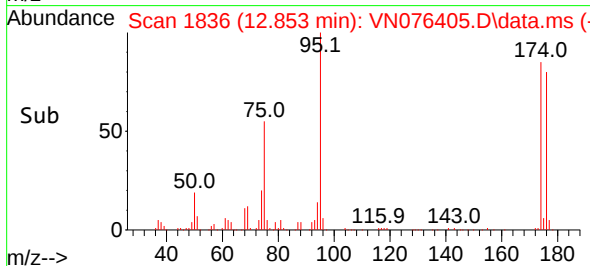
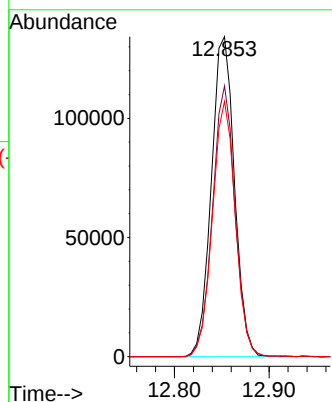
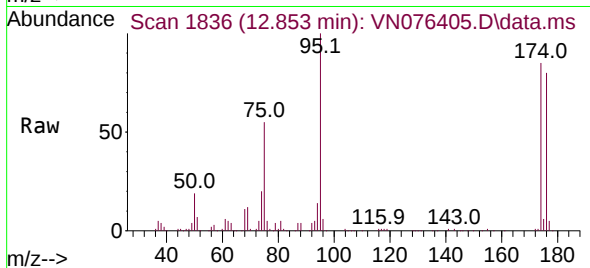
Tgt Ion: 95 Resp: 227427

Ion Ratio Lower Upper

95 100

174 82.7 0.0 174.6

176 79.0 0.0 167.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1669

Delta R.T. 0.006 min

Lab File: VN076405.D

Acq: 25 Jan 2023 16:34

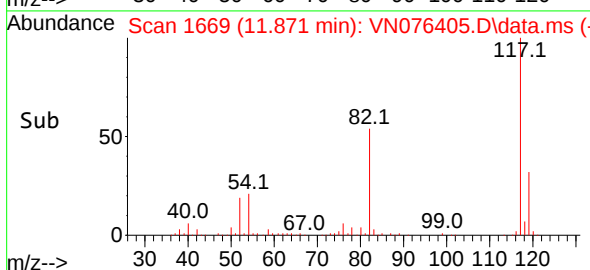
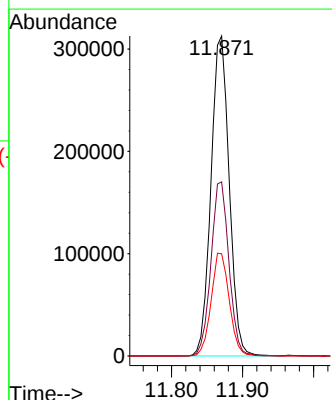
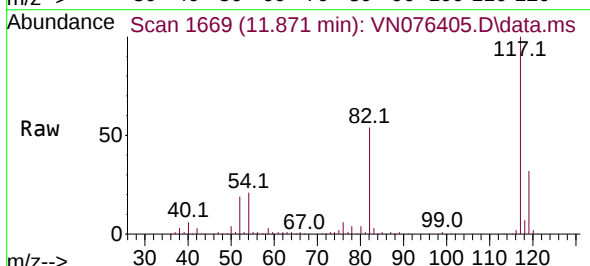
Tgt Ion: 117 Resp: 556632

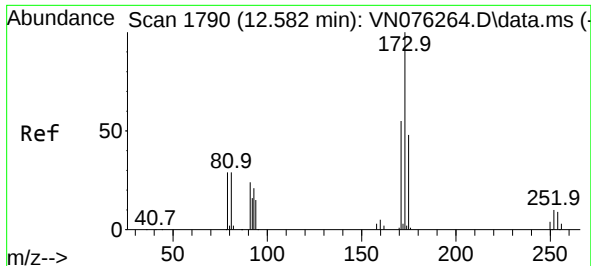
Ion Ratio Lower Upper

117 100

82 54.4 42.2 63.2

119 31.9 26.9 40.3

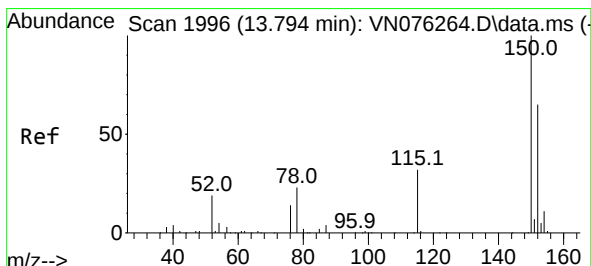
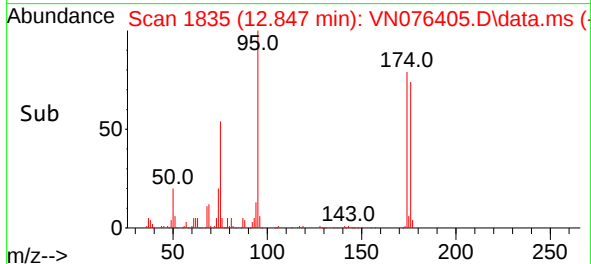
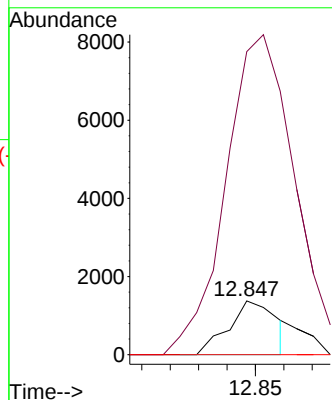
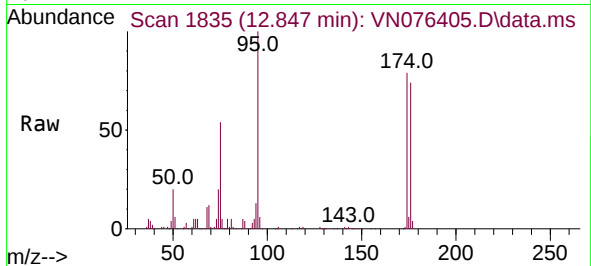




#71
Bromoform
Concen: 0.510 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.265 min
Lab File: VN076405.D
Acq: 25 Jan 2023 16:34

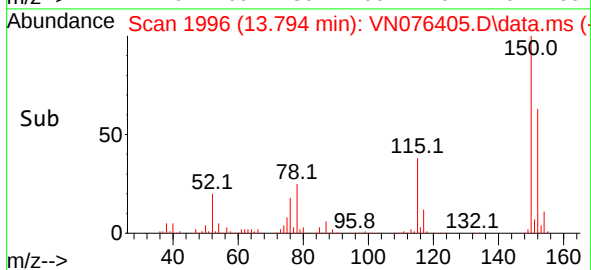
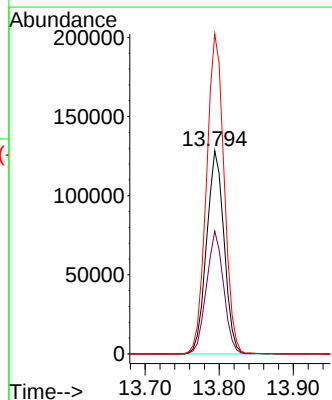
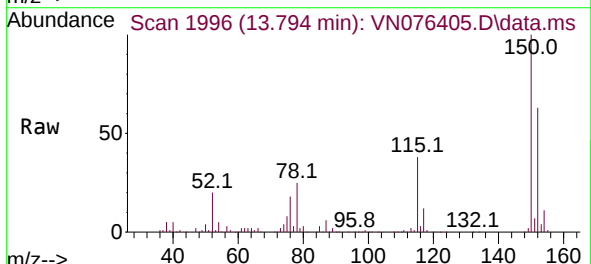
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-TB-20230120

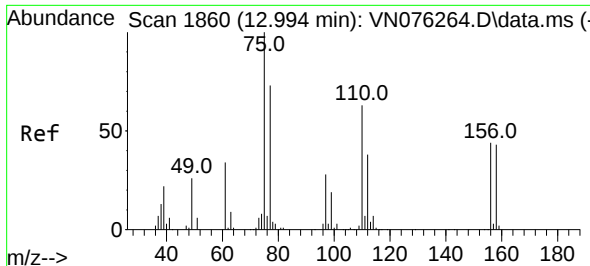
Tgt Ion:173 Resp: 1613
Ion Ratio Lower Upper
173 100
175 693.2 24.1 72.4#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076405.D
Acq: 25 Jan 2023 16:34

Tgt Ion:152 Resp: 210858
Ion Ratio Lower Upper
152 100
115 59.3 29.6 88.9
150 158.8 0.0 351.4

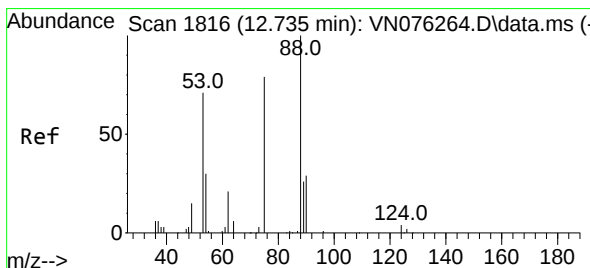
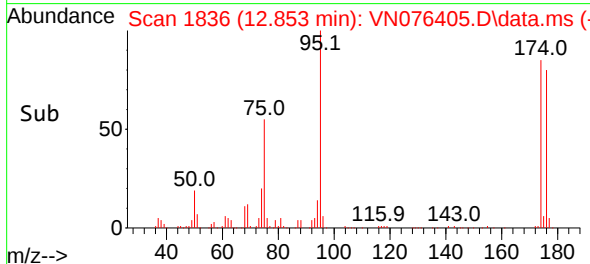
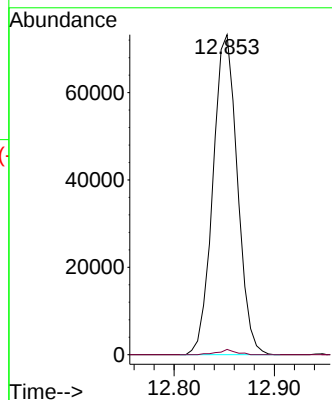
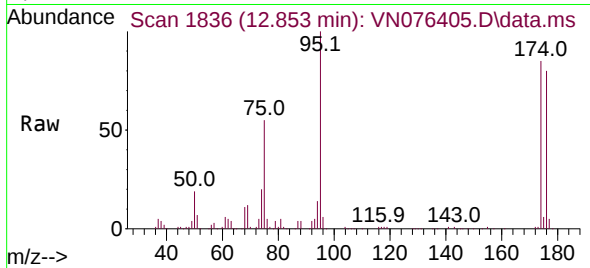




#76
1,2,3-Trichloropropane
Concen: 31.946 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN076405.D
Acq: 25 Jan 2023 16:34

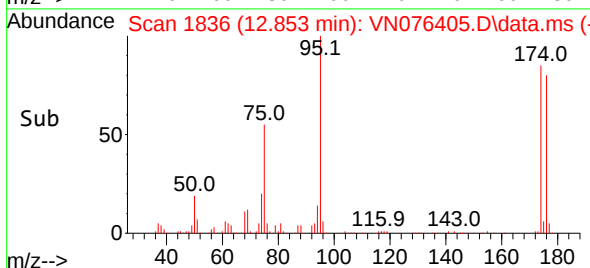
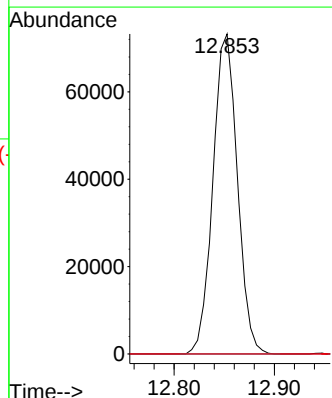
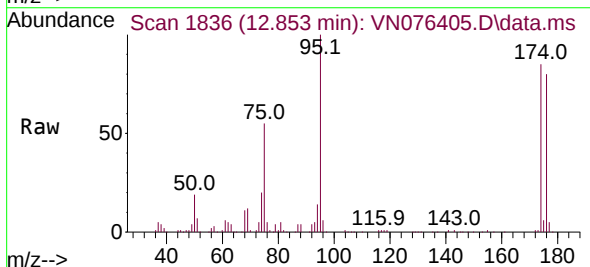
Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW10-TB-20230120

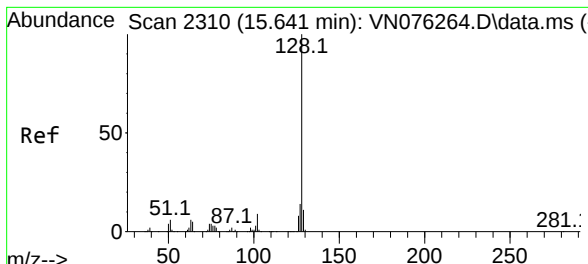
Tgt Ion: 75 Resp: 124027
Ion Ratio Lower Upper
75 100
77 1.2 75.2 225.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.867 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN076405.D
Acq: 25 Jan 2023 16:34

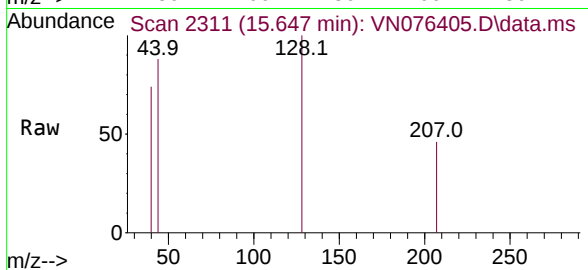
Tgt Ion: 75 Resp: 124027
Ion Ratio Lower Upper
75 100
53 0.0 75.8 113.8#
89 0.0 37.0 55.6#





#95
Naphthalene
Concen: 1.872 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN076405.D
Acq: 25 Jan 2023 16:34

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-TB-20230120



Tgt Ion:128 Resp: 372
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

