

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012523\
 Data File : VN076403.D
 Acq On : 25 Jan 2023 15:46
 Operator : JC\MD
 Sample : 01291-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jan 26 07:17:58 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)

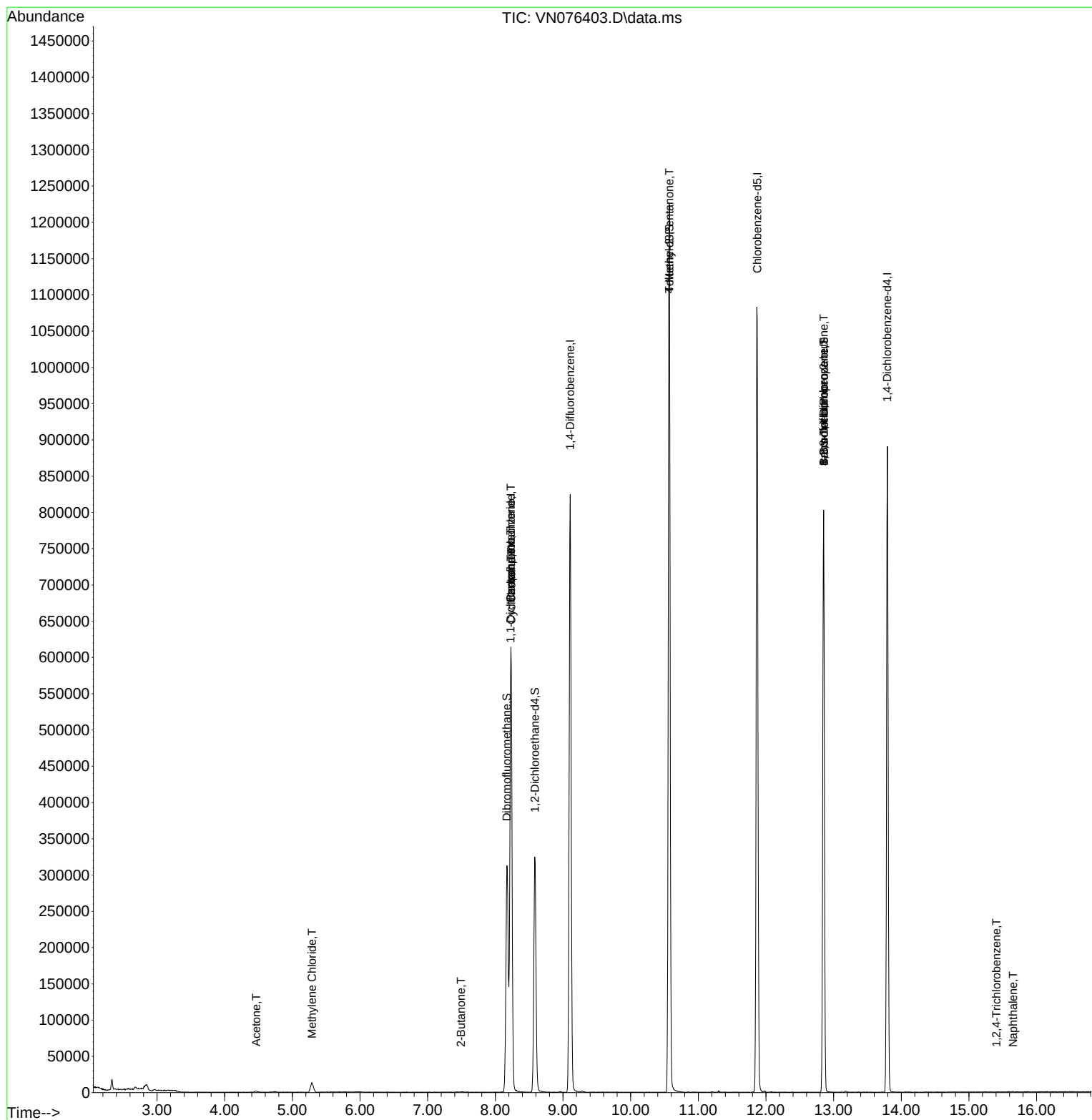
Internal Standards						
1) Pentafluorobenzene	8.230	168	450767	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	730743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	641777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	240063	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	275959	54.676	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.360%			
35) Dibromofluoromethane	8.171	113	225709	49.377	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.760%			
50) Toluene-d8	10.571	98	856849	50.756	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.520%			
62) 4-Bromofluorobenzene	12.853	95	272850	49.509	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.020%			
Target Compounds					Qvalue	
16) Acetone	4.465	43	3311	1.973	ug/l	97
20) Methylene Chloride	5.289	84	10667	1.645	ug/l	95
25) 2-Butanone	7.494	43	638	0.258	ug/l #	40
31) Cyclohexane	8.235	56	10027	1.293	ug/l #	36
36) 1,1-Dichloropropene	8.224	75	34197	5.265	ug/l #	50
38) Carbon Tetrachloride	8.230	117	47982	6.624	ug/l #	17
51) 4-Methyl-2-Pentanone	10.571	43	3205	0.644	ug/l #	1
71) Bromoform	12.853	173	1670	0.458	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	149127	33.792	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	149127	103.357	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.406	180	56	1.318	ug/l #	13
95) Naphthalene	15.653	128	673	1.891	ug/l #	69

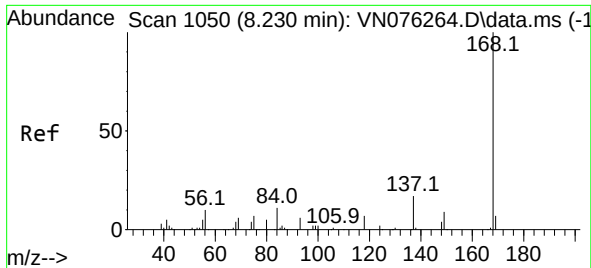
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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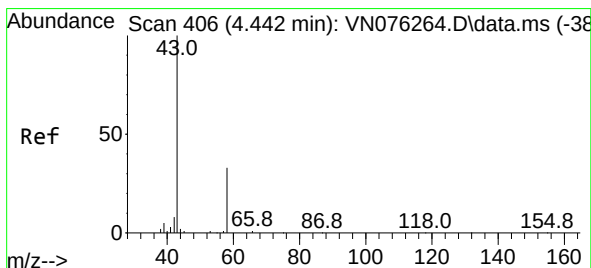
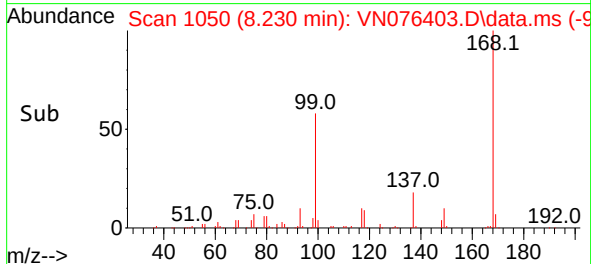
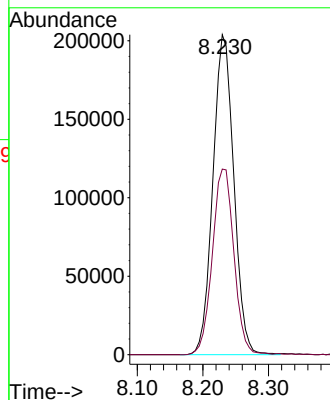
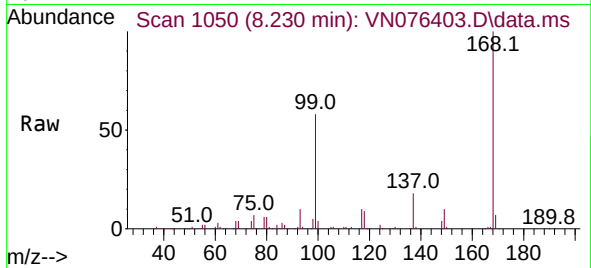




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076403.D
Acq: 25 Jan 2023 15:46

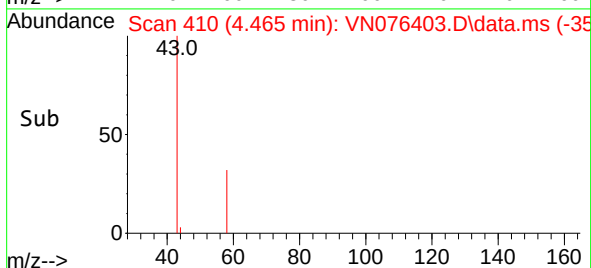
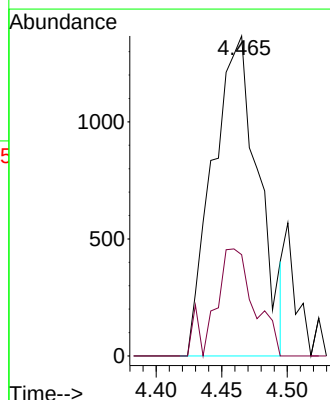
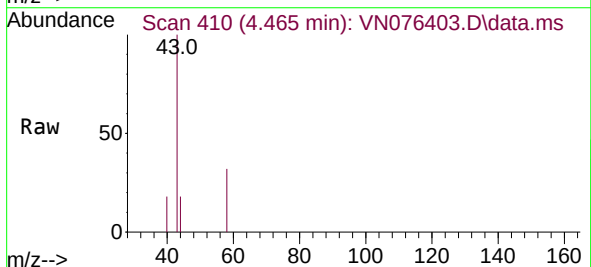
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-TB-20230120

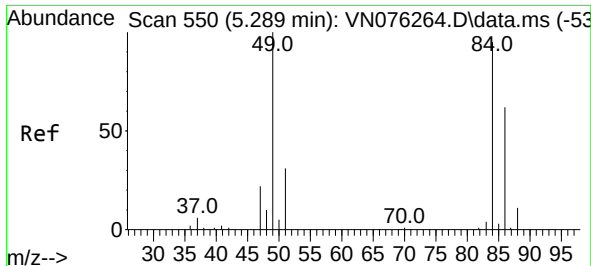
Tgt Ion:168 Resp: 450767
Ion Ratio Lower Upper
168 100
99 58.0 41.6 62.4



#16
Acetone
Concen: 1.973 ug/l
RT: 4.465 min Scan# 410
Delta R.T. 0.023 min
Lab File: VN076403.D
Acq: 25 Jan 2023 15:46

Tgt Ion: 43 Resp: 3311
Ion Ratio Lower Upper
43 100
58 31.7 26.7 40.1

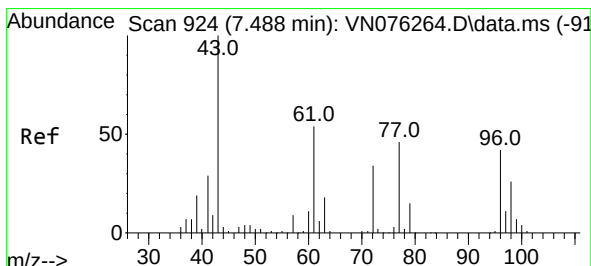
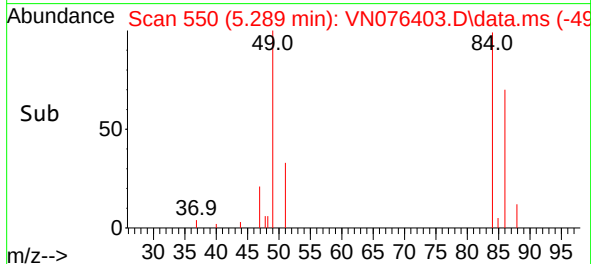
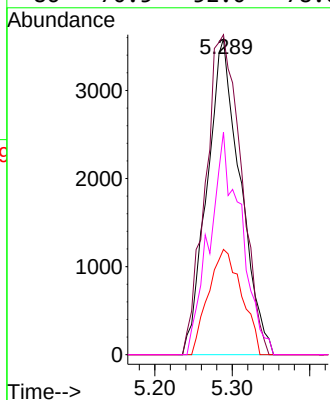
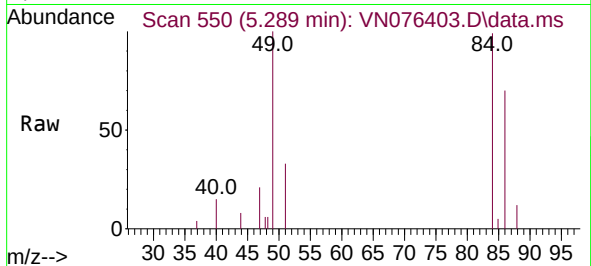




#20
Methylene Chloride
Concen: 1.645 ug/l
RT: 5.289 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN076403.D
Acq: 25 Jan 2023 15:46

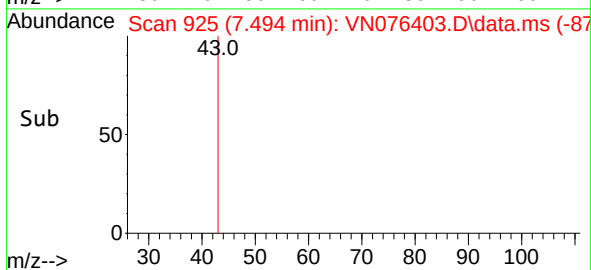
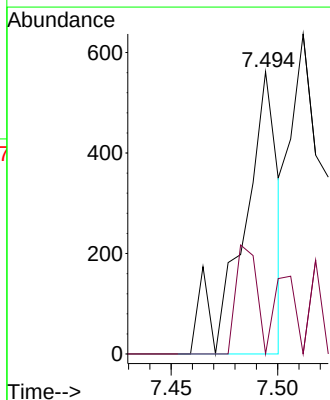
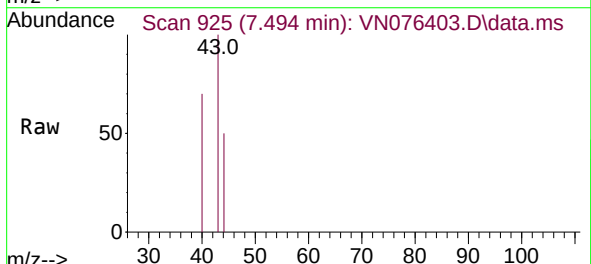
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-TB-20230120

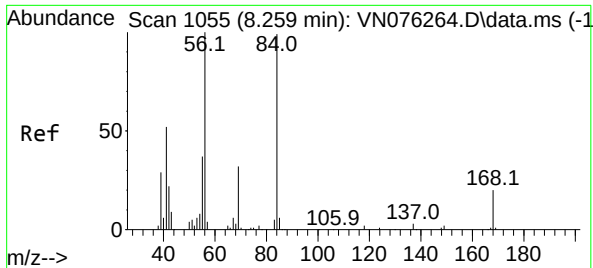
Tgt Ion: 84	Resp: 10667		
Ion	Ratio	Lower	Upper
84	100		
49	101.3	84.5	126.7
51	33.4	26.0	39.0
86	70.5	52.0	78.0



#25
2-Butanone
Concen: 0.258 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.006 min
Lab File: VN076403.D
Acq: 25 Jan 2023 15:46

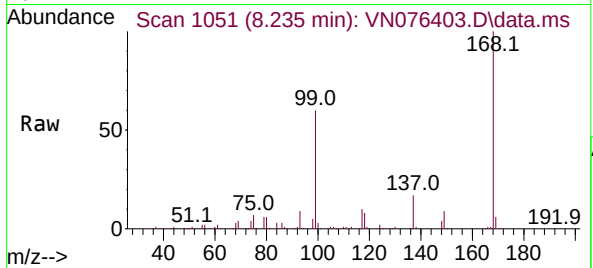
Tgt Ion: 43	Resp: 638		
Ion Ratio	Lower	Upper	
43 100			
72 0.0	27.4	41.2#	



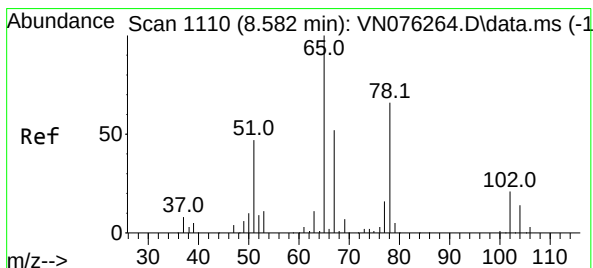
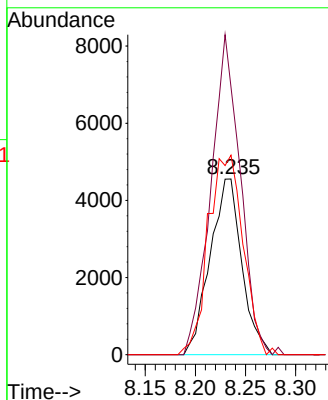
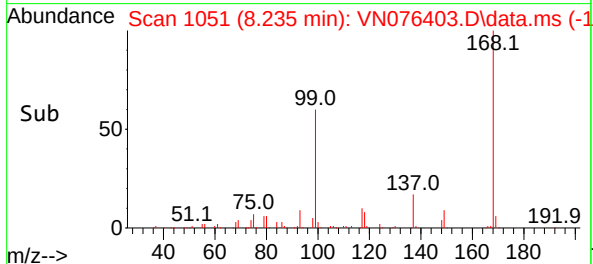


#31
Cyclohexane
Concen: 1.293 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.024 min
Lab File: VN076403.D
Acq: 25 Jan 2023 15:46

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

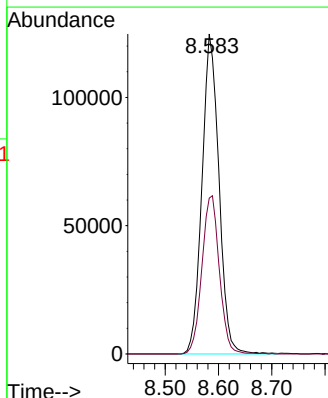
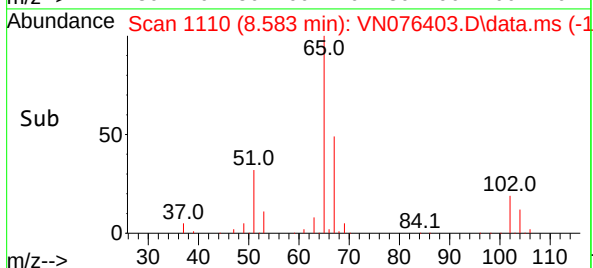
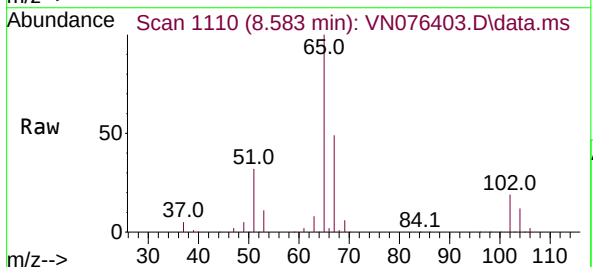


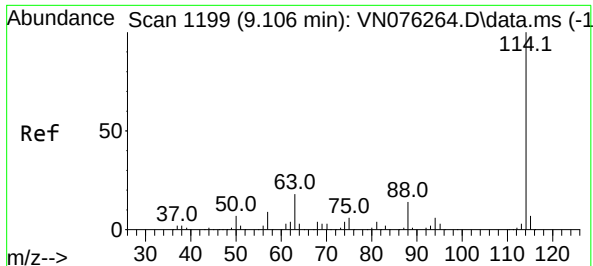
Tgt Ion: 56 Resp: 10027
Ion Ratio Lower Upper
56 100
69 152.3 25.8 38.8#
84 113.6 79.0 118.4



#33
1,2-Dichloroethane-d4
Concen: 54.676 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.001 min
Lab File: VN076403.D
Acq: 25 Jan 2023 15:46

Tgt Ion: 65 Resp: 275959
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.6

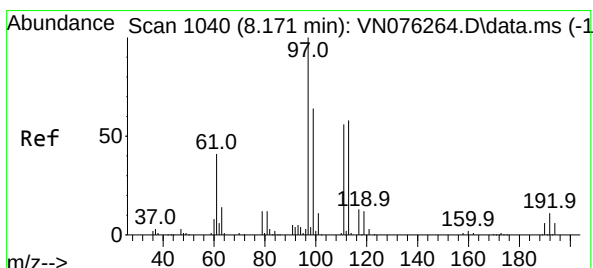
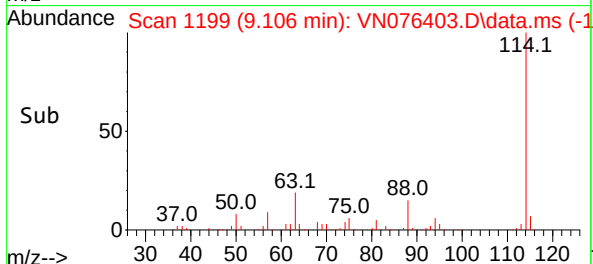
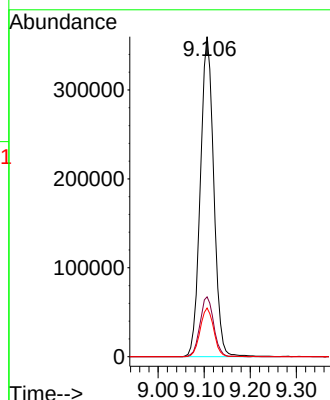
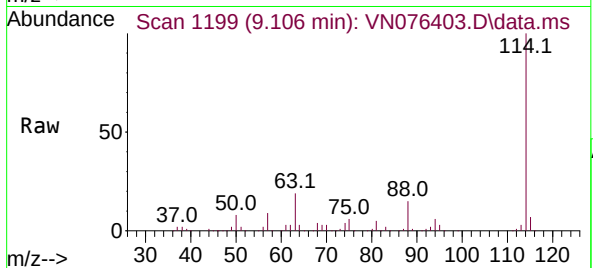




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN076403.D
Acq: 25 Jan 2023 15:46

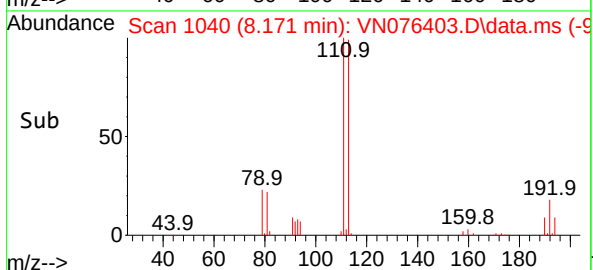
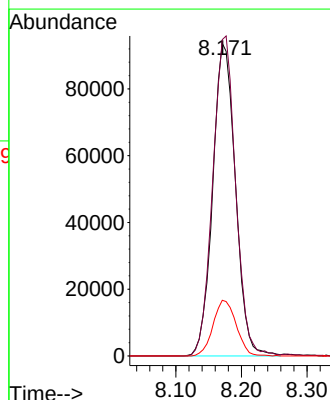
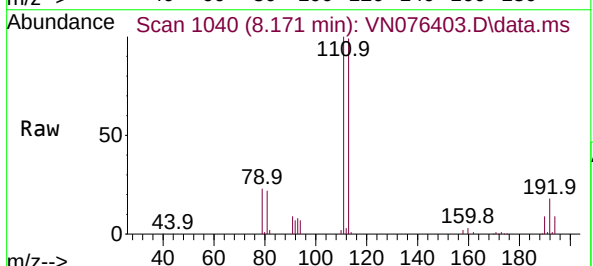
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-TB-20230120

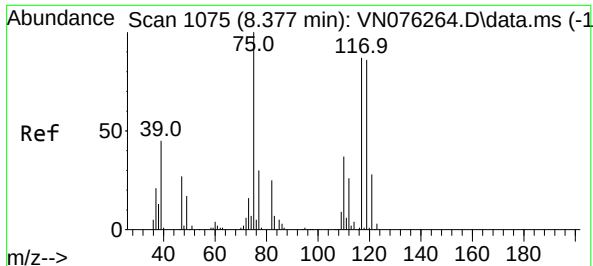
Tgt Ion:114 Resp: 730743
Ion Ratio Lower Upper
114 100
63 18.7 0.0 35.8
88 15.2 0.0 28.0



#35
Dibromofluoromethane
Concen: 49.377 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076403.D
Acq: 25 Jan 2023 15:46

Tgt Ion:113 Resp: 225709
Ion Ratio Lower Upper
113 100
111 102.8 82.7 124.1
192 18.1 15.6 23.4





#36

1,1-Dichloropropene

Concen: 5.265 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.153 min

Lab File: VN076403.D

Acq: 25 Jan 2023 15:46

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW10-TB-20230120

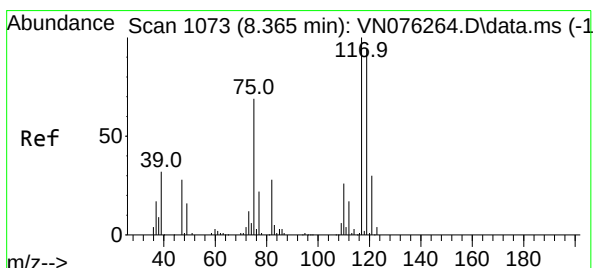
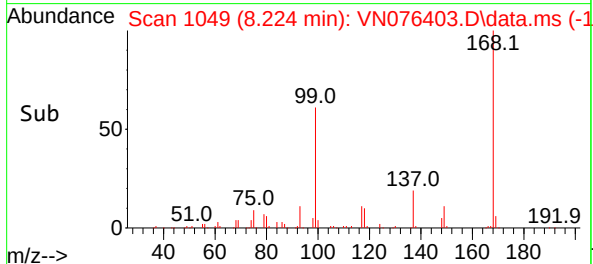
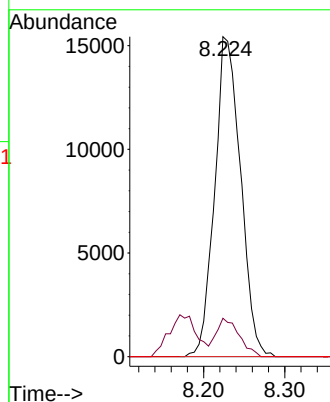
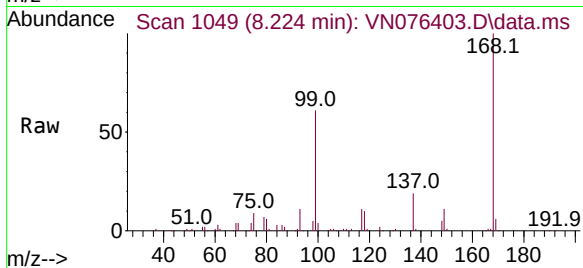
Tgt Ion: 75 Resp: 34197

Ion Ratio Lower Upper

75 100

110 10.7 18.8 56.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.624 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.135 min

Lab File: VN076403.D

Acq: 25 Jan 2023 15:46

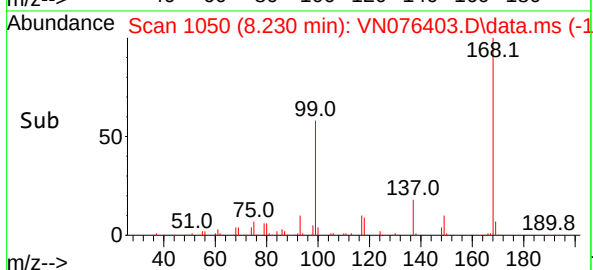
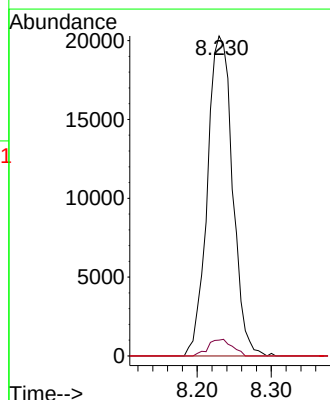
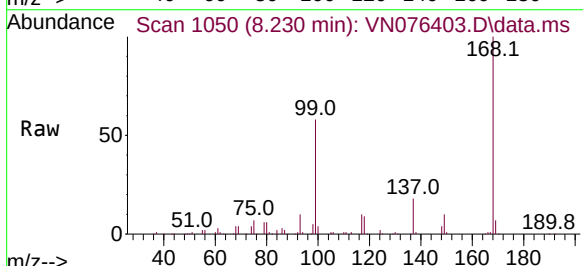
Tgt Ion: 117 Resp: 47982

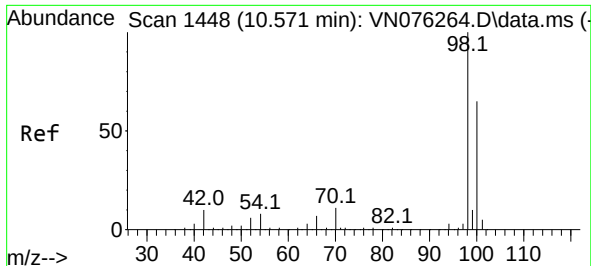
Ion Ratio Lower Upper

117 100

119 4.9 75.4 113.0#

121 0.0 24.2 36.2#

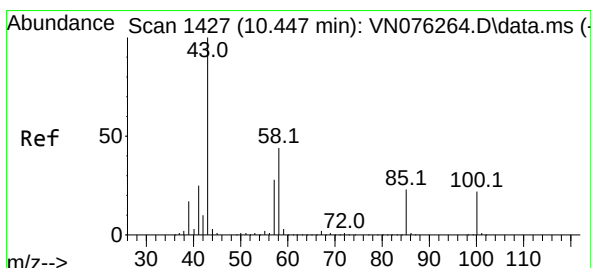
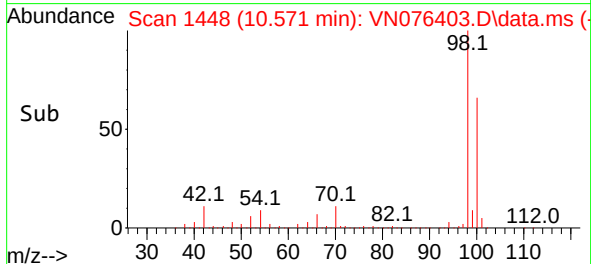
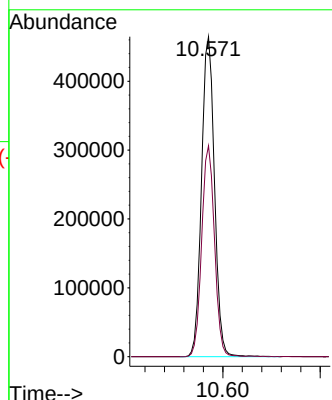
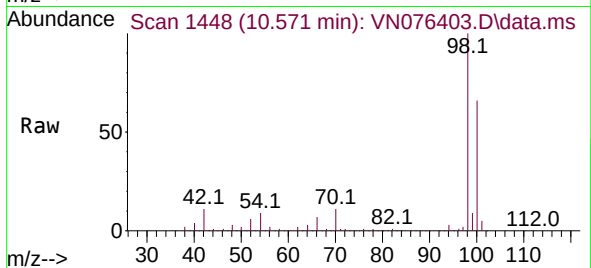




#50
Toluene-d8
Concen: 50.756 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076403.D
Acq: 25 Jan 2023 15:46

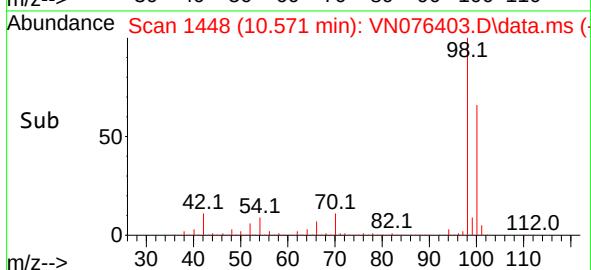
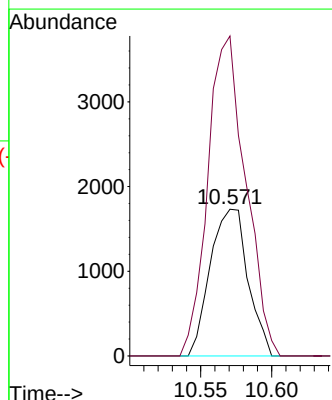
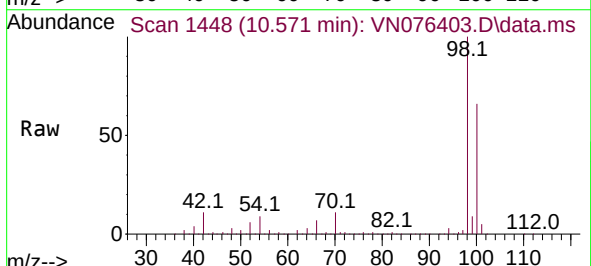
Instrument :
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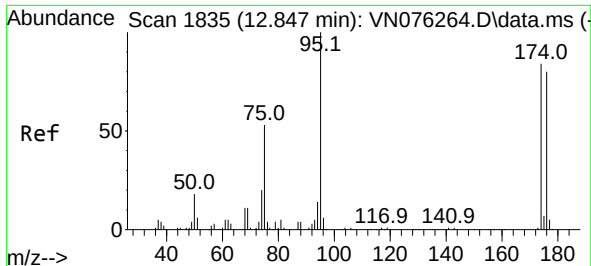
Tgt Ion: 98 Resp: 856849
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.644 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.124 min
Lab File: VN076403.D
Acq: 25 Jan 2023 15:46

Tgt Ion: 43 Resp: 3205
Ion Ratio Lower Upper
43 100
58 218.7 35.1 52.7#

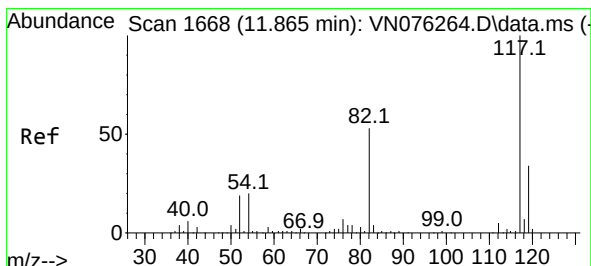
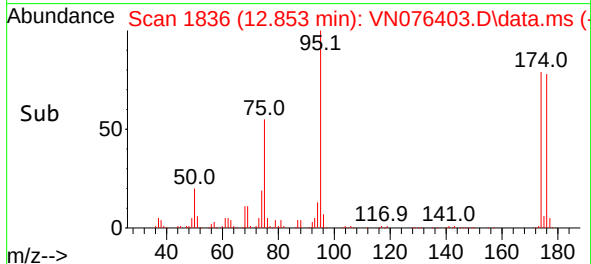
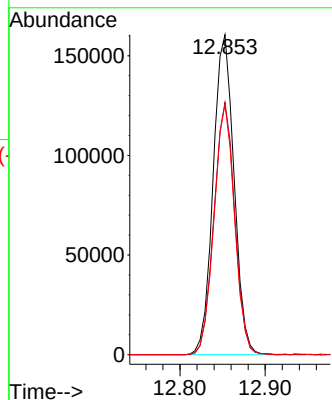
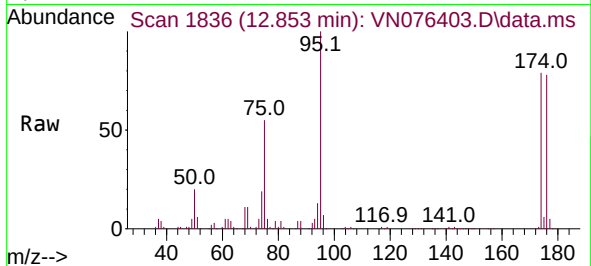




#62
4-Bromofluorobenzene
Concen: 49.509 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076403.D
Acq: 25 Jan 2023 15:46

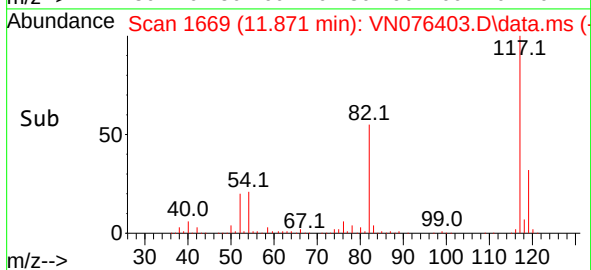
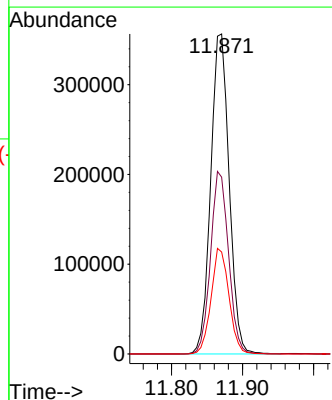
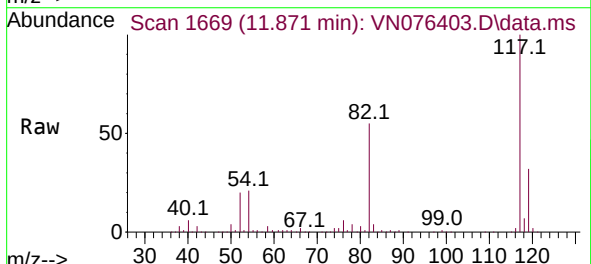
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-TB-20230120

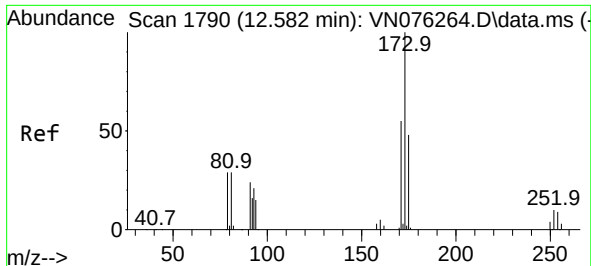
Tgt Ion: 95 Resp: 272850
Ion Ratio Lower Upper
95 100
174 78.6 0.0 174.6
176 76.9 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076403.D
Acq: 25 Jan 2023 15:46

Tgt Ion: 117 Resp: 641777
Ion Ratio Lower Upper
117 100
82 55.2 42.2 63.2
119 31.8 26.9 40.3

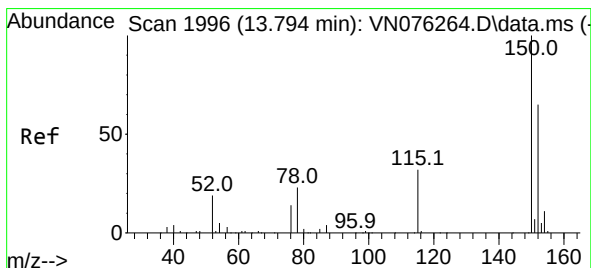
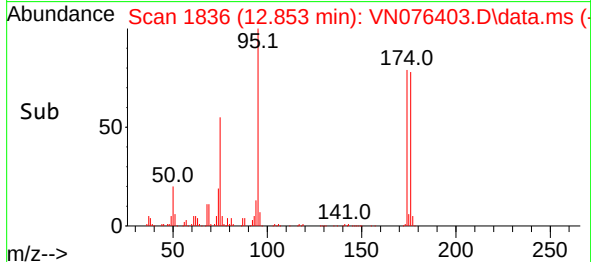
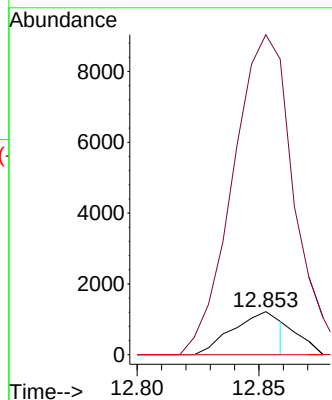
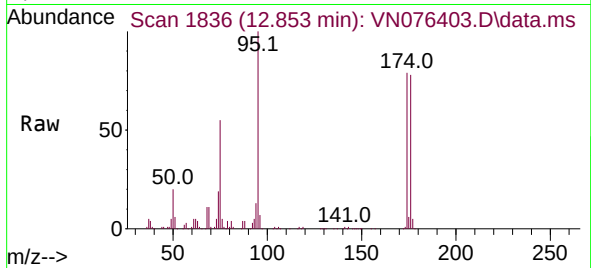




#71
Bromoform
Concen: 0.458 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN076403.D
Acq: 25 Jan 2023 15:46

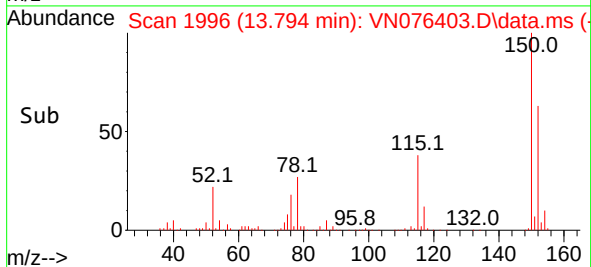
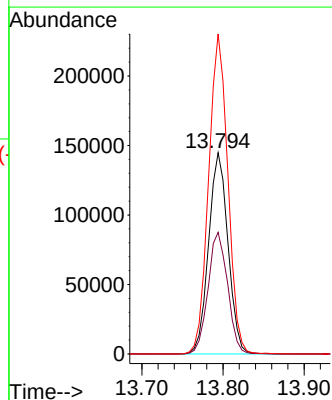
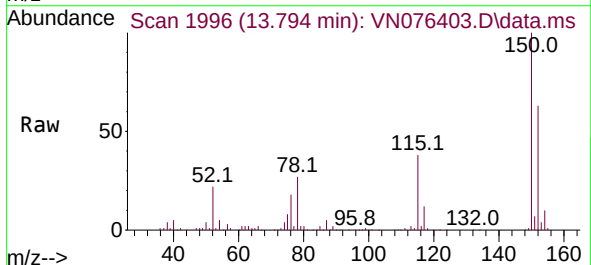
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-TB-20230120

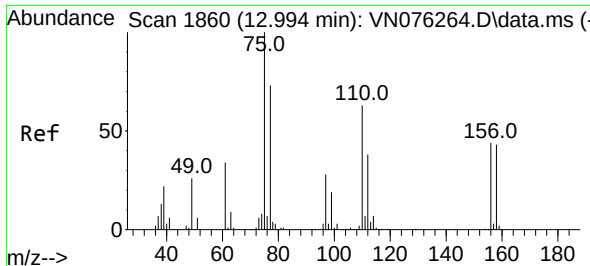
Tgt Ion:173 Resp: 1670
Ion Ratio Lower Upper
173 100
175 774.3 24.1 72.4#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076403.D
Acq: 25 Jan 2023 15:46

Tgt Ion:152 Resp: 240063
Ion Ratio Lower Upper
152 100
115 60.9 29.6 88.9
150 157.7 0.0 351.4

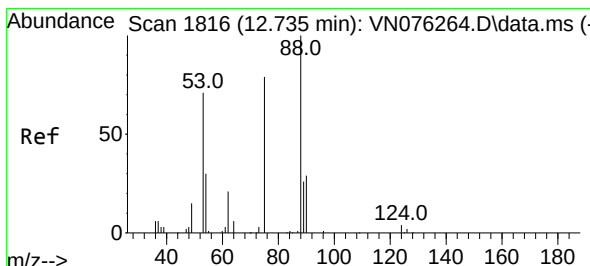
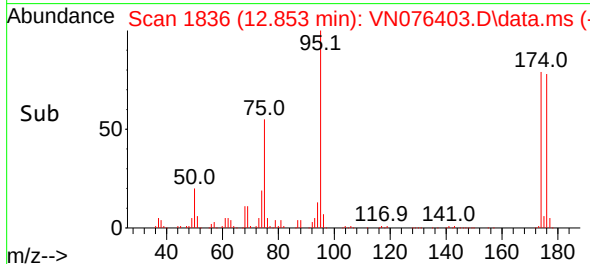
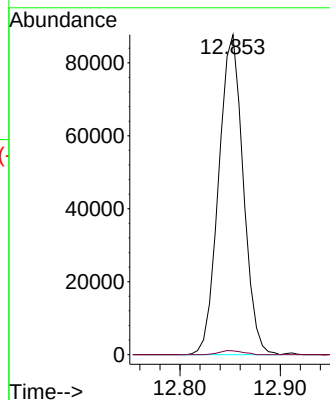
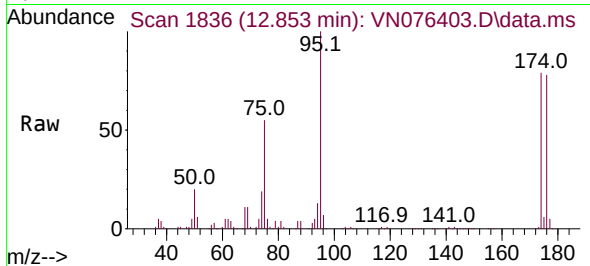




#76
1,2,3-Trichloropropane
Concen: 33.792 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN076403.D
Acq: 25 Jan 2023 15:46

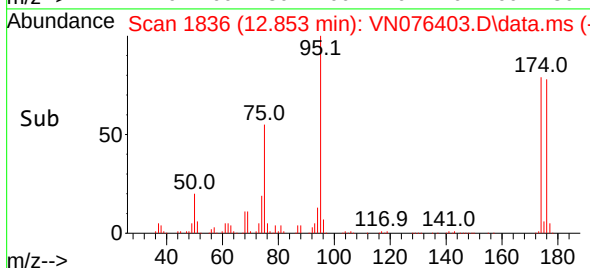
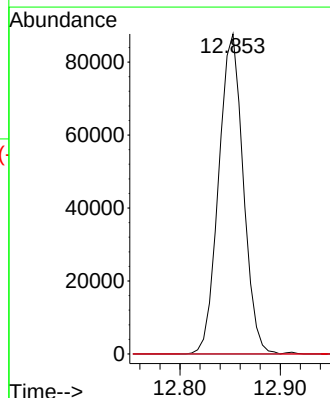
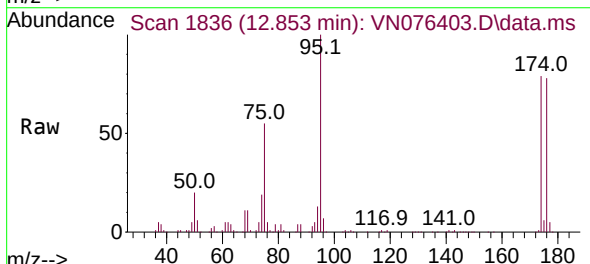
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-TB-20230120

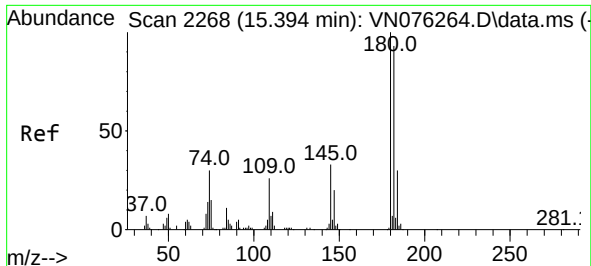
Tgt Ion: 75 Resp: 149127
Ion Ratio Lower Upper
75 100
77 1.2 75.2 225.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.357 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN076403.D
Acq: 25 Jan 2023 15:46

Tgt Ion: 75 Resp: 149127
Ion Ratio Lower Upper
75 100
53 0.0 75.8 113.8#
89 0.0 37.0 55.6#





#93

1,2,4-Trichlorobenzene

Concen: 1.318 ug/l

RT: 15.406 min Scan# 21

Delta R.T. 0.012 min

Lab File: VN076403.D

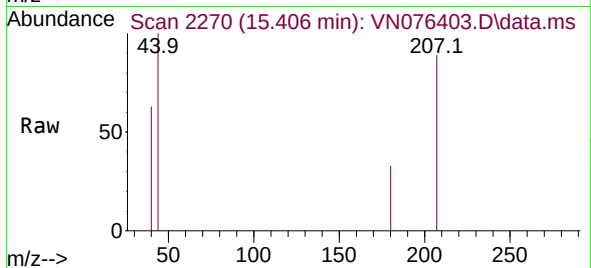
Acq: 25 Jan 2023 15:46

Instrument :

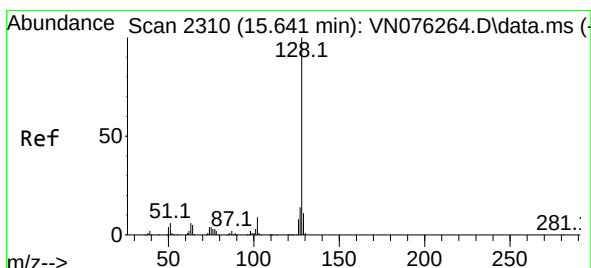
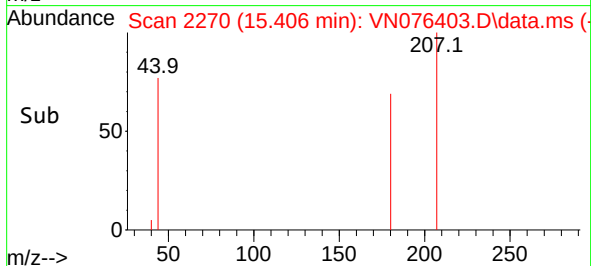
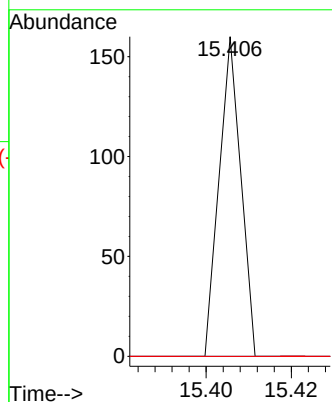
MSVOA_N

ClientSampleId :

BP-VPB-RW10-TB-20230120



Tgt Ion:180	Resp:	56
Ion Ratio	Lower	Upper
180	100	
182	0.0	47.0 141.2#
145	0.0	15.2 45.5#



#95

Naphthalene

Concen: 1.891 ug/l

RT: 15.653 min Scan# 2312

Delta R.T. 0.012 min

Lab File: VN076403.D

Acq: 25 Jan 2023 15:46

Tgt Ion:128	Resp:	673
Ion Ratio	Lower	Upper
128	100	
127	0.0	10.3 15.5#
129	0.0	8.6 13.0#

