

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100622\
 Data File : VN074778.D
 Acq On : 06 Oct 2022 13:03
 Operator : JC\MD
 Sample : N4983-05RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW5-EB-20221003

Quant Time: Oct 06 16:30:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 05:37:50 2022
 Response via : Initial Calibration

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

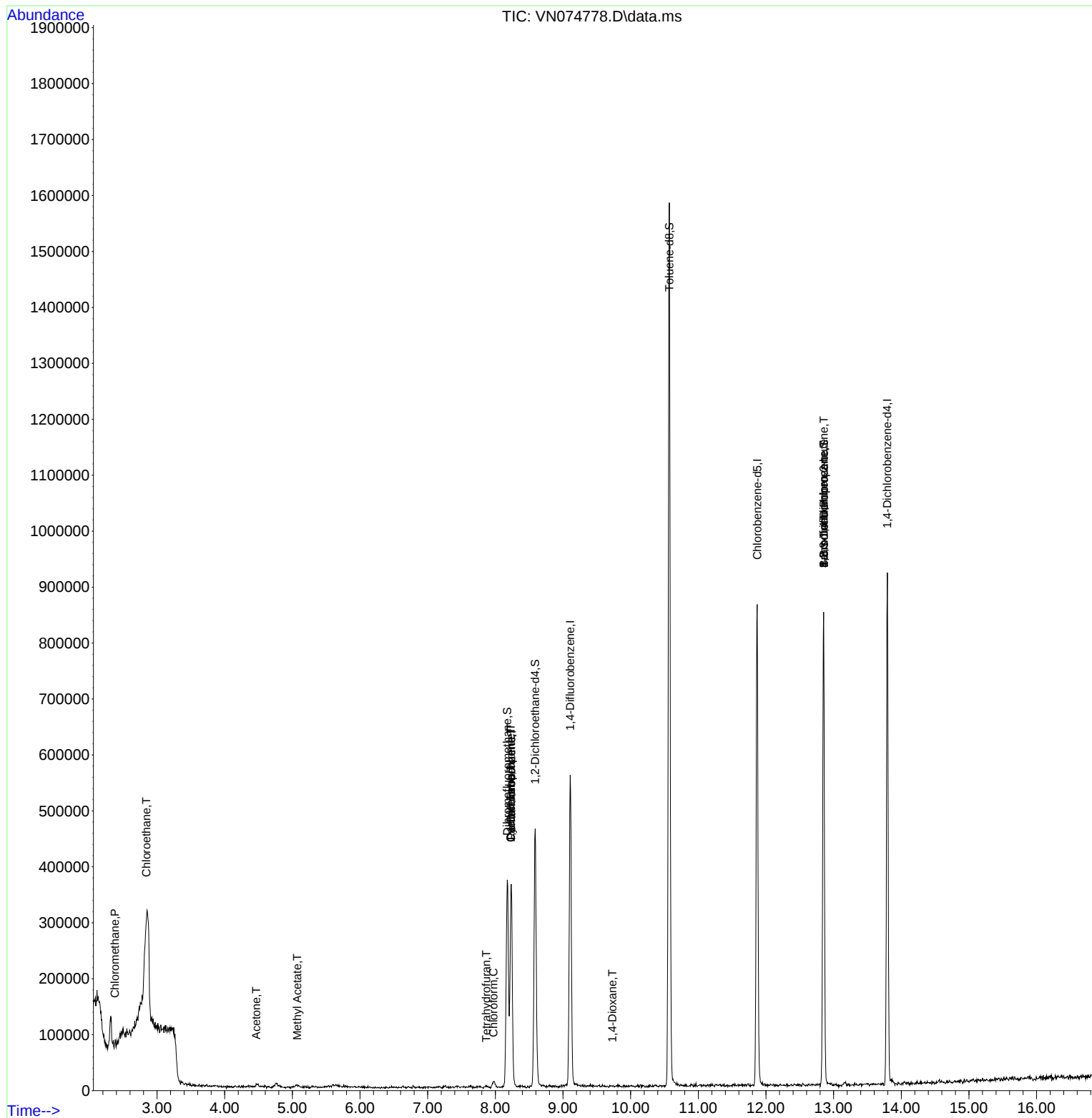
Internal Standards						
1) Pentafluorobenzene	8.236	168	259084	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	481819	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	480116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	233485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	333786	54.373	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.740%			
35) Dibromofluoromethane	8.177	113	264825	54.400	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.800%			
50) Toluene-d8	10.571	98	1078668	51.639	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.280%			
62) 4-Bromofluorobenzene	12.853	95	277126	43.644	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 87.280%			
Target Compounds						Qvalue
3) Chloromethane	2.377	50	5591	0.708	ug/l	95
6) Chloroethane	2.842	64	271315	37.482	ug/l	# 49
13) Acrolein	4.212	56	294	Below Cal	#	45
16) Acetone	4.465	43	9075	2.609	ug/l	# 62
18) Methyl Acetate	5.071	43	10216	0.793	ug/l	# 86
20) Methylene Chloride	5.300	84	236	Below Cal	#	11
29) Tetrahydrofuran	7.865	42	972	0.221	ug/l	# 42
30) Chloroform	7.971	83	9874	0.953	ug/l	# 71
31) Cyclohexane	8.230	56	7366	0.694	ug/l	# 41
36) 1,1-Dichloropropene	8.230	75	26122	3.315	ug/l	# 51
38) Carbon Tetrachloride	8.230	117	27679	3.725	ug/l	# 13
49) 1,4-Dioxane	9.730	88	123	0.708	ug/l	# 1
71) Bromoform	12.853	173	2797	0.683	ug/l	# 1
75) 1,1,2,2-Tetrachloroethane	12.929	83	83	Below Cal	#	24
76) 1,2,3-Trichloropropane	12.853	75	160024	22.963	ug/l	# 1
77) Bromobenzene	12.847	156	88	Below Cal	#	1
81) trans-1,4-Dichloro-2-b...	12.853	75	160024	44.740	ug/l	# 14
96) 1,2,3-Trichlorobenzene	15.853	180	170	Below Cal	#	1

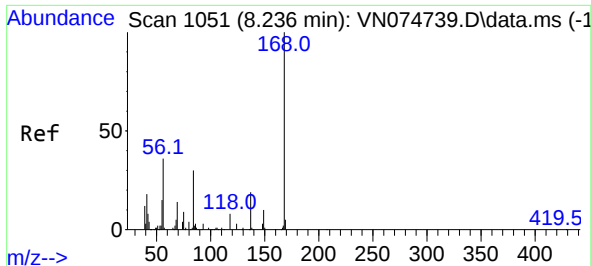
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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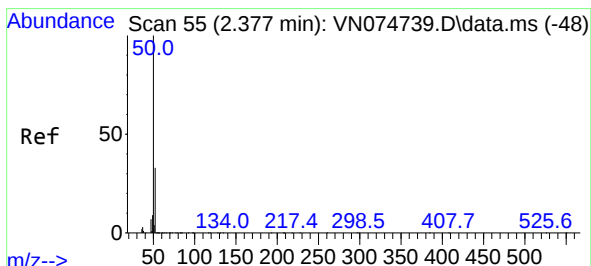
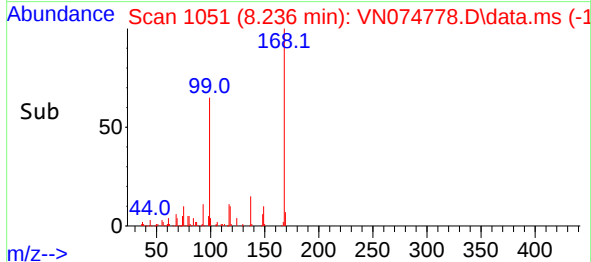
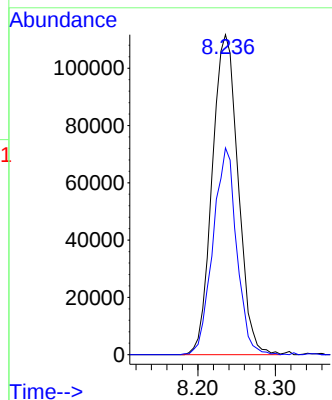
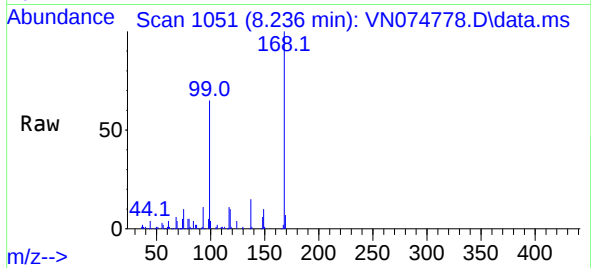




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VN074778.D
Acq: 06 Oct 2022 13:03

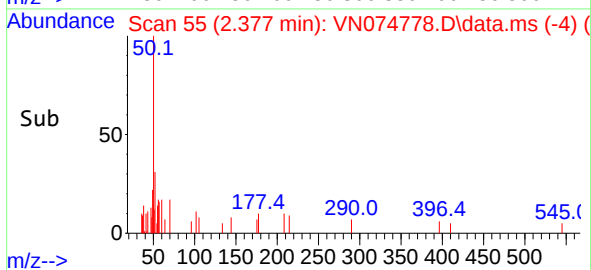
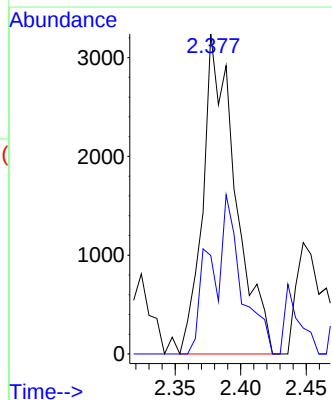
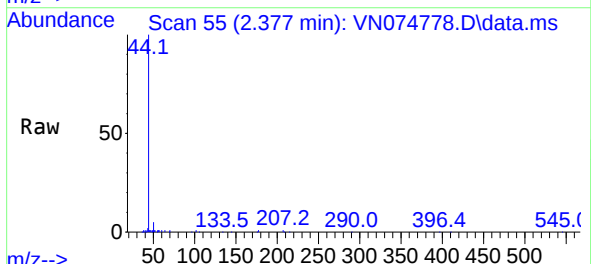
Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW5-EB-20221003

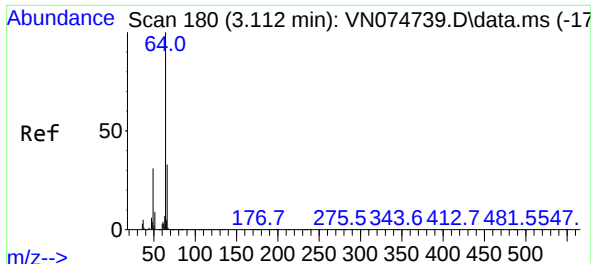
Tgt Ion:168 Resp: 259084
Ion Ratio Lower Upper
168 100
99 64.6 42.8 64.2#



#3
Chloromethane
Concen: 0.708 ug/l
RT: 2.377 min Scan# 55
Delta R.T. -0.000 min
Lab File: VN074778.D
Acq: 06 Oct 2022 13:03

Tgt Ion: 50 Resp: 5591
Ion Ratio Lower Upper
50 100
52 30.8 26.7 40.1

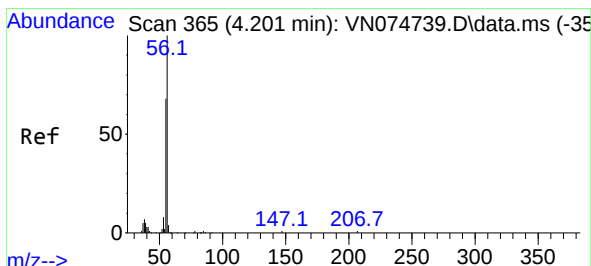
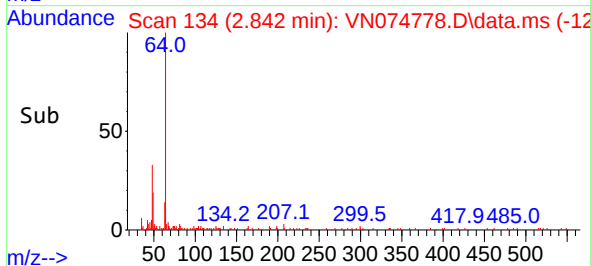
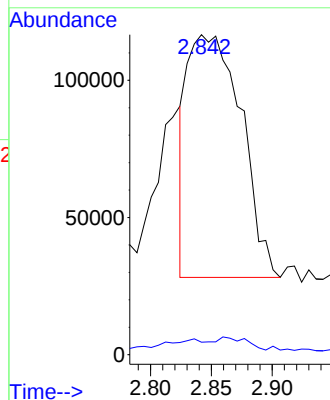
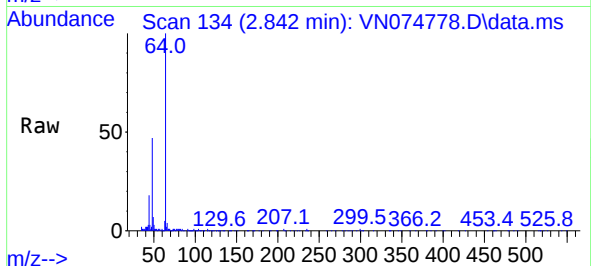




#6
Chloroethane
Concen: 37.482 ug/l
RT: 2.842 min Scan# 11
Delta R.T. -0.271 min
Lab File: VN074778.D
Acq: 06 Oct 2022 13:03

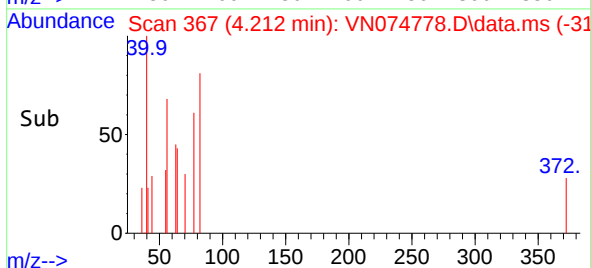
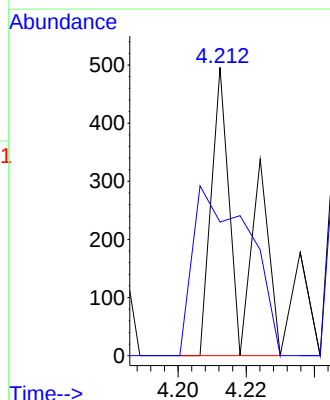
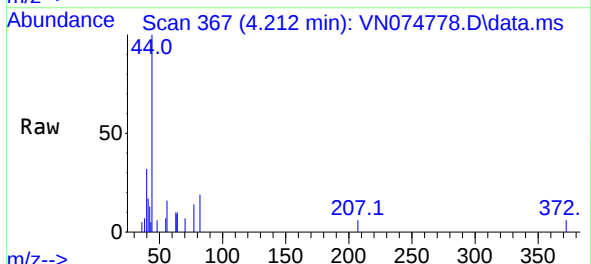
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-EB-20221003

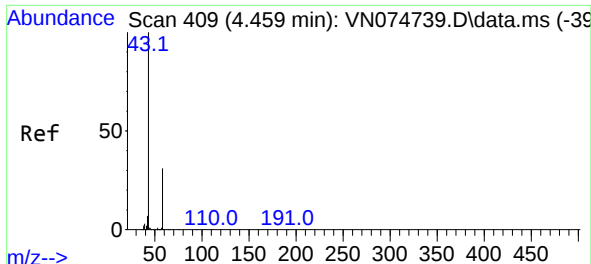
Tgt Ion: 64 Resp: 271315
Ion Ratio Lower Upper
64 100
66 3.3 25.1 37.7#



#13
Acrolein
Concen: Below Cal
RT: 4.212 min Scan# 367
Delta R.T. 0.011 min
Lab File: VN074778.D
Acq: 06 Oct 2022 13:03

Tgt Ion: 56 Resp: 294
Ion Ratio Lower Upper
56 100
55 113.6 54.9 82.3#

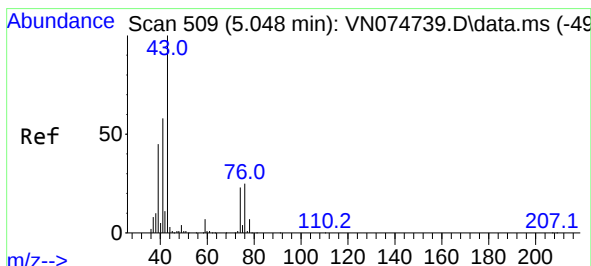
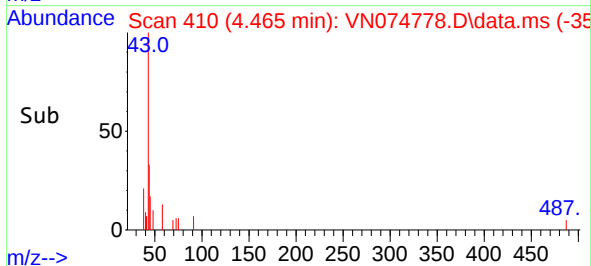
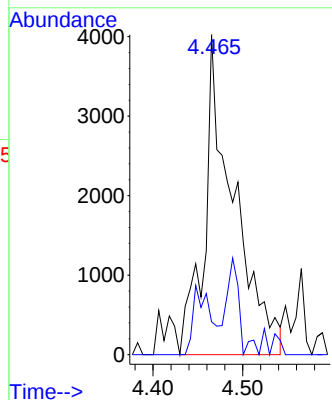
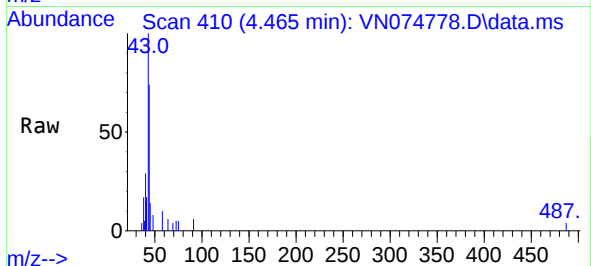




#16
Acetone
Concen: 2.609 ug/l
RT: 4.465 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN074778.D
Acq: 06 Oct 2022 13:03

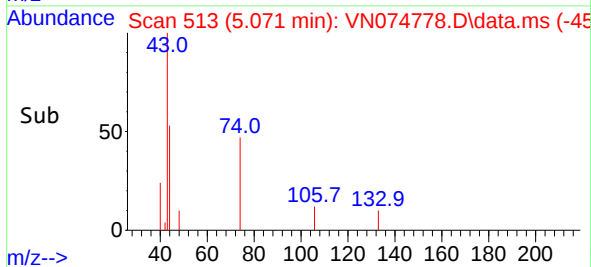
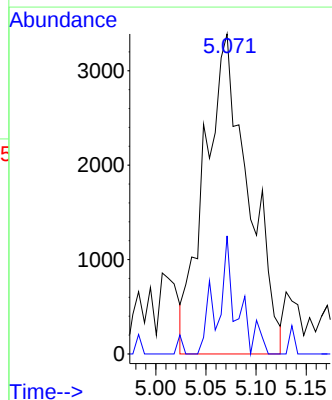
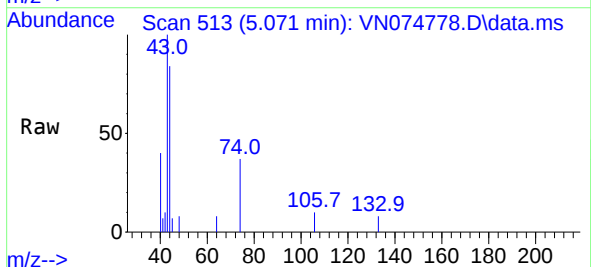
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-EB-20221003

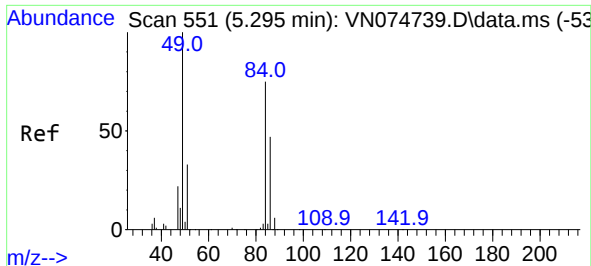
Tgt Ion: 43 Resp: 9075
Ion Ratio Lower Upper
43 100
58 10.3 24.9 37.3#



#18
Methyl Acetate
Concen: 0.793 ug/l
RT: 5.071 min Scan# 513
Delta R.T. 0.023 min
Lab File: VN074778.D
Acq: 06 Oct 2022 13:03

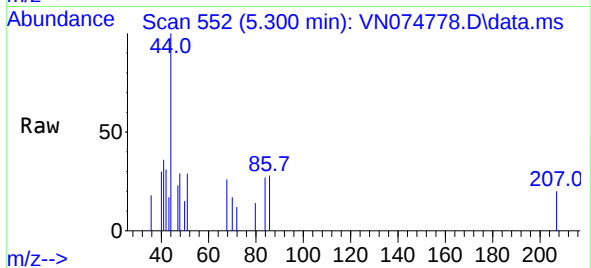
Tgt Ion: 43 Resp: 10216
Ion Ratio Lower Upper
43 100
74 16.3 18.5 27.7#



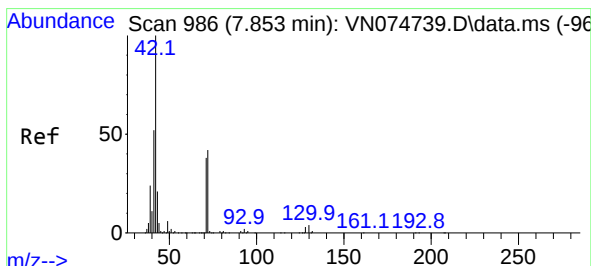
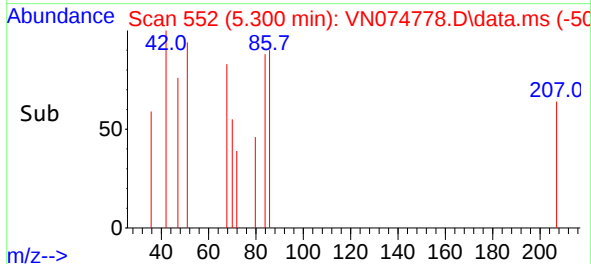
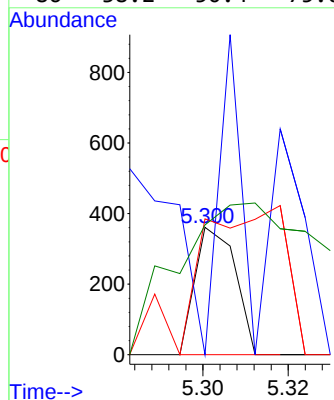


#20
Methylene Chloride
Concen: Below Cal
RT: 5.300 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN074778.D
Acq: 06 Oct 2022 13:03

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-EB-20221003

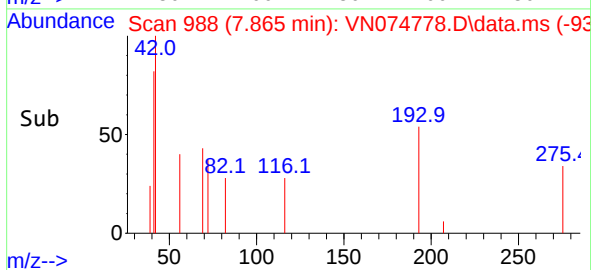
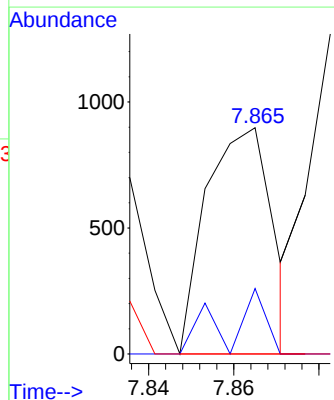
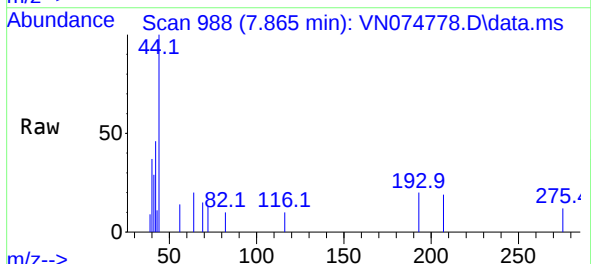


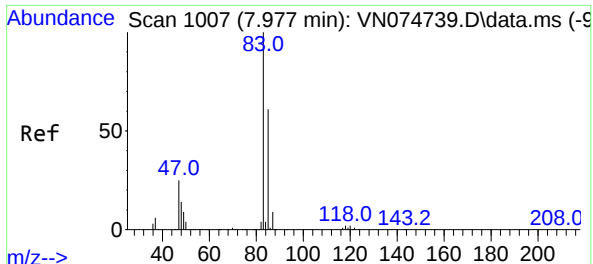
Tgt Ion: 84 Resp: 236
Ion Ratio Lower Upper
84 100
49 0.0 107.4 161.0#
51 106.6 35.1 52.7#
86 38.2 50.4 75.6#



#29
Tetrahydrofuran
Concen: 0.221 ug/l
RT: 7.865 min Scan# 988
Delta R.T. 0.012 min
Lab File: VN074778.D
Acq: 06 Oct 2022 13:03

Tgt Ion: 42 Resp: 972
Ion Ratio Lower Upper
42 100
72 7.3 33.0 49.6#
71 0.0 30.4 45.6#





#30

Chloroform

Concen: 0.953 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.006 min

Lab File: VN074778.D

Acq: 06 Oct 2022 13:03

Instrument :

MSVOA_N

ClientSampleId :

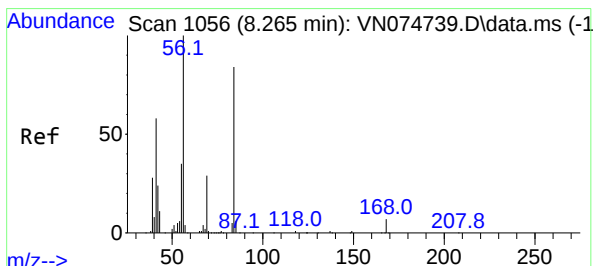
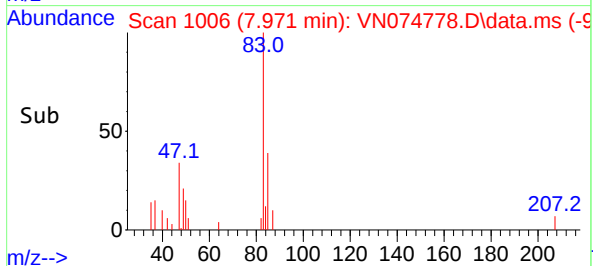
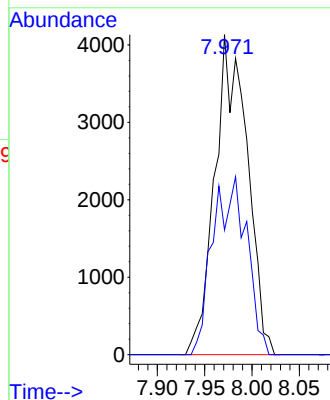
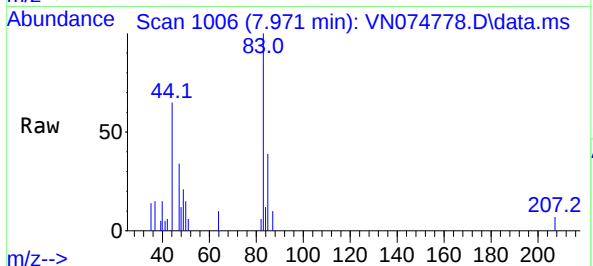
BP-VPB-RW5-EB-20221003

Tgt Ion: 83 Resp: 9874

Ion Ratio Lower Upper

83 100

85 39.0 49.0 73.4#



#31

Cyclohexane

Concen: 0.694 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.035 min

Lab File: VN074778.D

Acq: 06 Oct 2022 13:03

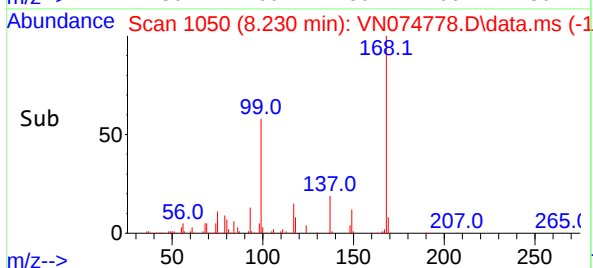
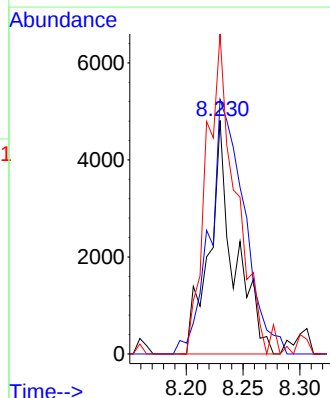
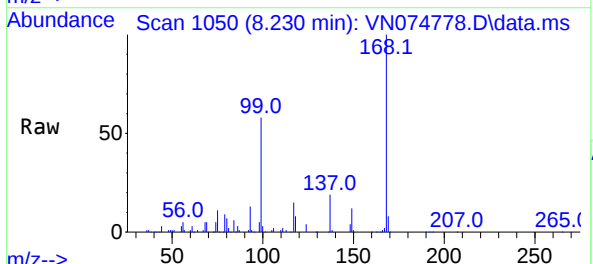
Tgt Ion: 56 Resp: 7366

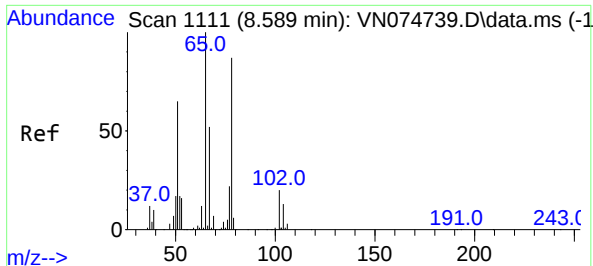
Ion Ratio Lower Upper

56 100

69 90.1 23.1 34.7#

84 119.5 67.1 100.7#





#33

1,2-Dichloroethane-d4

Concen: 54.373 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VN074778.D

Acq: 06 Oct 2022 13:03

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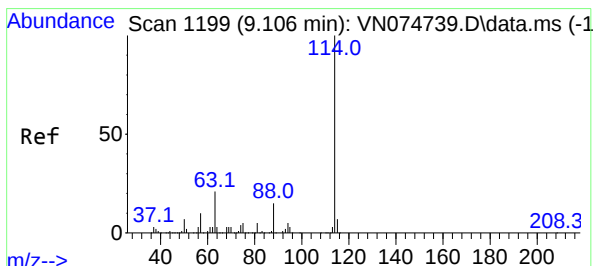
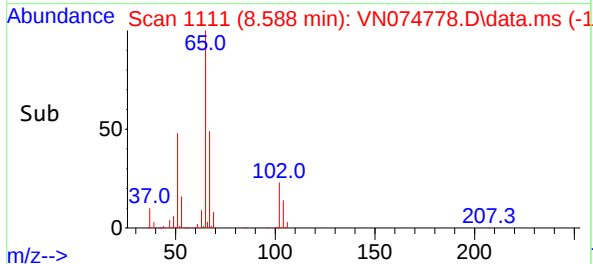
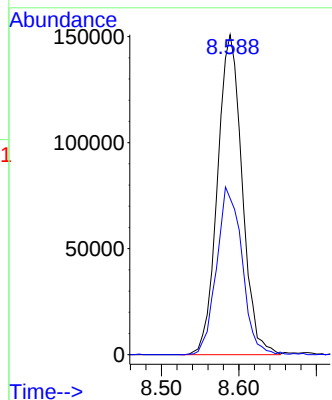
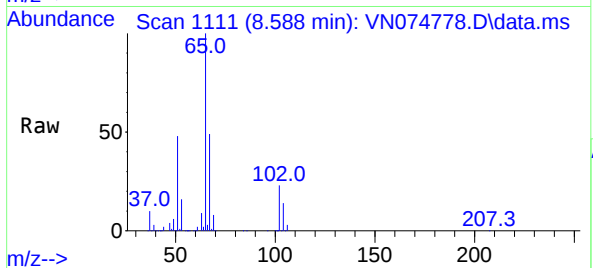
BP-VPB-RW5-EB-20221003

Tgt Ion: 65 Resp: 333786

Ion Ratio Lower Upper

65 100

67 53.9 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN074778.D

Acq: 06 Oct 2022 13:03

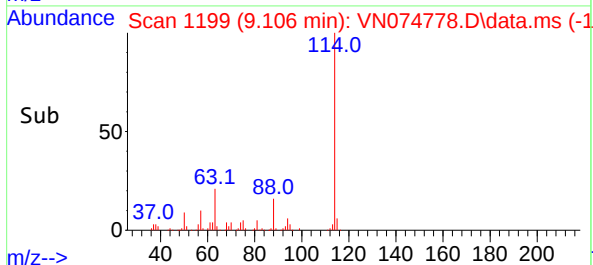
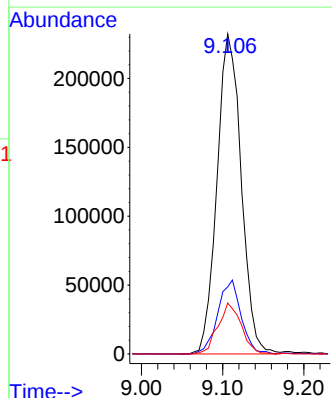
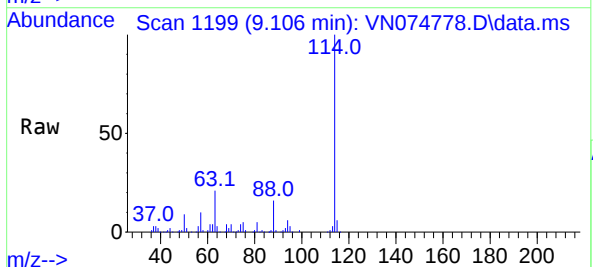
Tgt Ion: 114 Resp: 481819

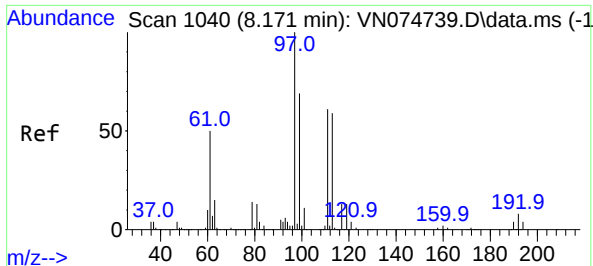
Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.2

88 15.9 0.0 30.2

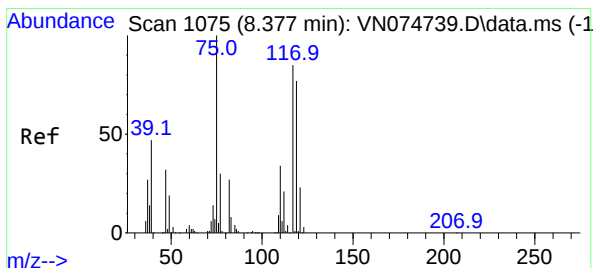
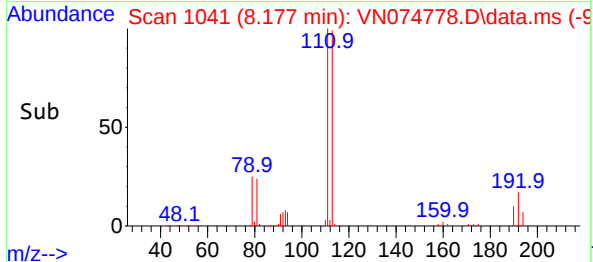
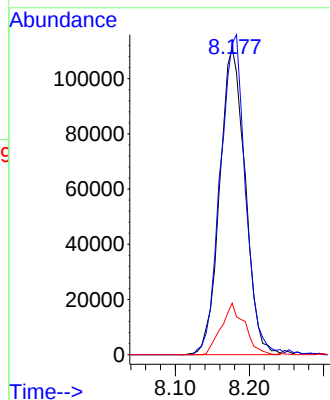
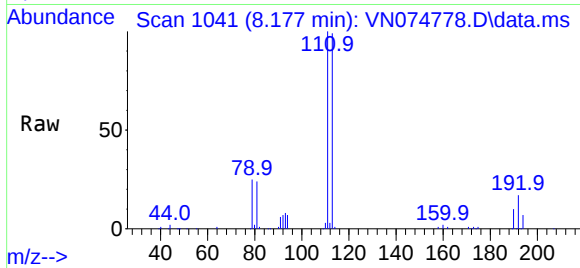




#35
Dibromofluoromethane
Concen: 54.400 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN074778.D
Acq: 06 Oct 2022 13:03

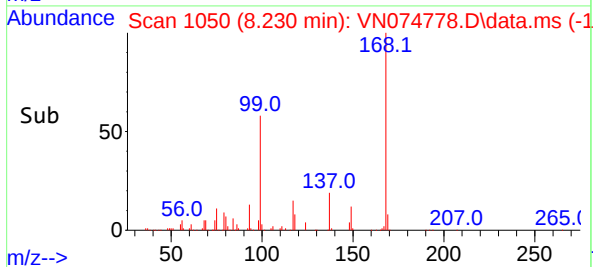
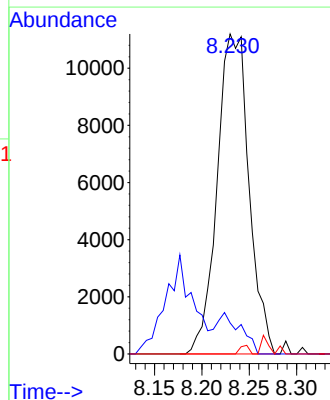
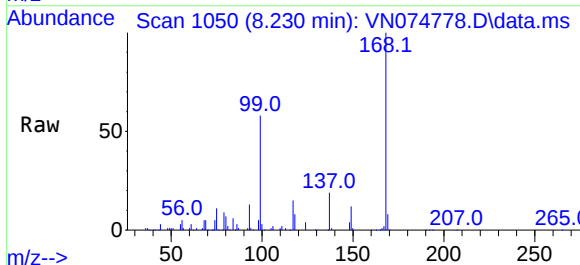
Instrument :
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BP-VPB-RW5-EB-20221003

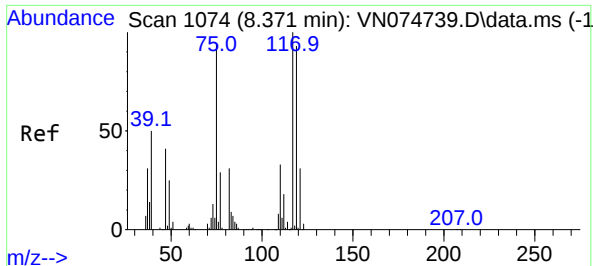
Tgt Ion:113 Resp: 264825
Ion Ratio Lower Upper
113 100
111 103.0 83.0 124.6
192 15.4 12.6 18.8



#36
1,1-Dichloropropene
Concen: 3.315 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN074778.D
Acq: 06 Oct 2022 13:03

Tgt Ion: 75 Resp: 26122
Ion Ratio Lower Upper
75 100
110 9.1 17.2 51.5#
77 0.0 24.3 36.5#

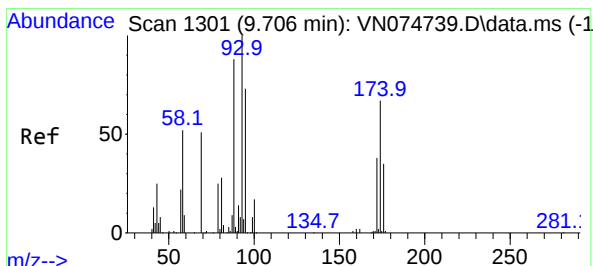
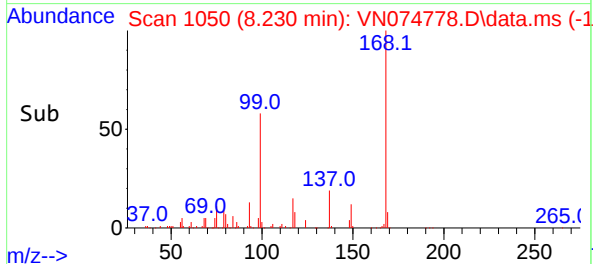
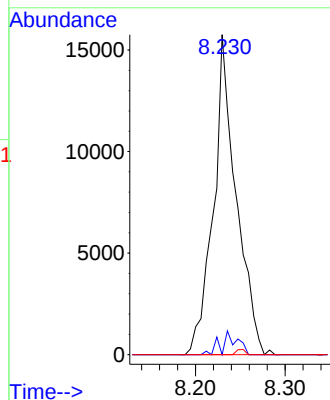
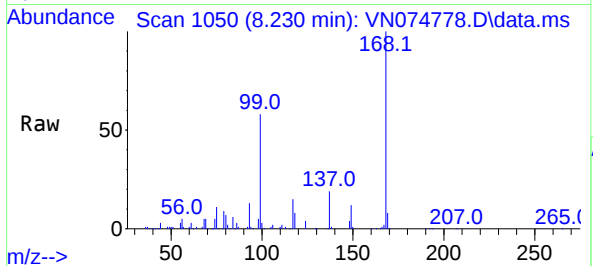




#38
Carbon Tetrachloride
Concen: 3.725 ug/l
RT: 8.230 min Scan# 117
Delta R.T. -0.141 min
Lab File: VN074778.D
Acq: 06 Oct 2022 13:03

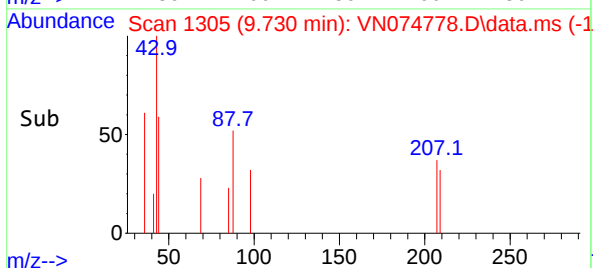
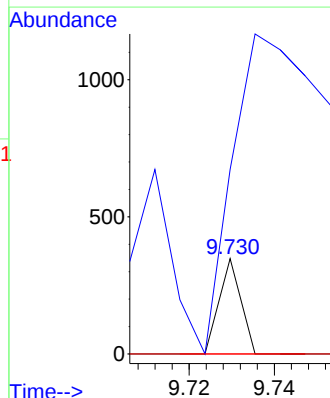
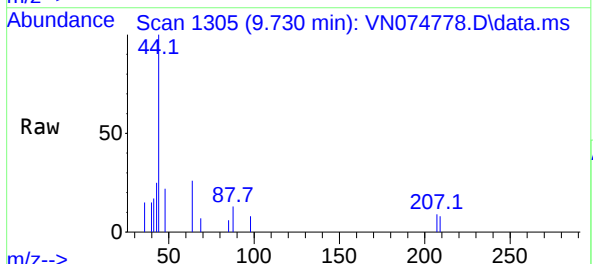
Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW5-EB-20221003

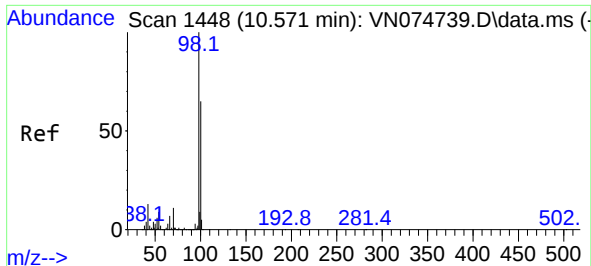
Tgt Ion:117 Resp: 27679
Ion Ratio Lower Upper
117 100
119 0.0 74.3 111.5#
121 0.0 25.0 37.4#



#49
1,4-Dioxane
Concen: 0.708 ug/l
RT: 9.730 min Scan# 1305
Delta R.T. 0.023 min
Lab File: VN074778.D
Acq: 06 Oct 2022 13:03

Tgt Ion: 88 Resp: 123
Ion Ratio Lower Upper
88 100
43 2214.6 23.4 35.2#
58 0.0 54.9 82.3#

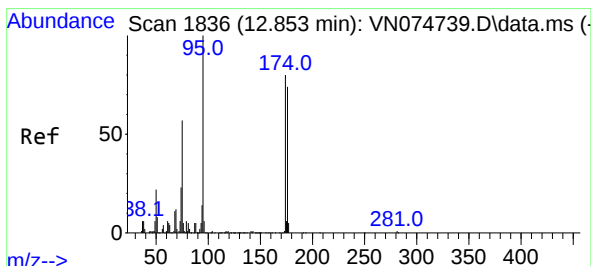
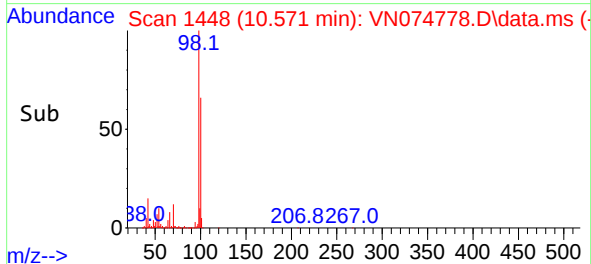
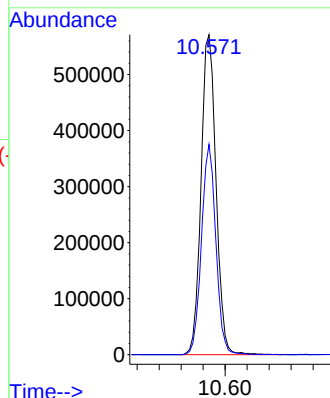
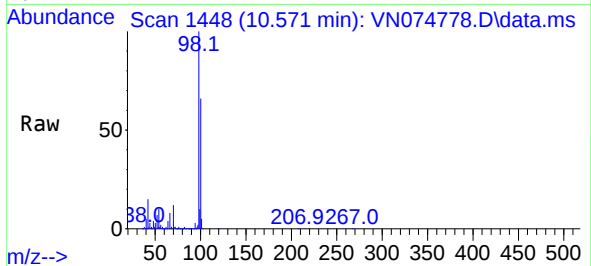




#50
Toluene-d8
Concen: 51.639 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074778.D
Acq: 06 Oct 2022 13:03

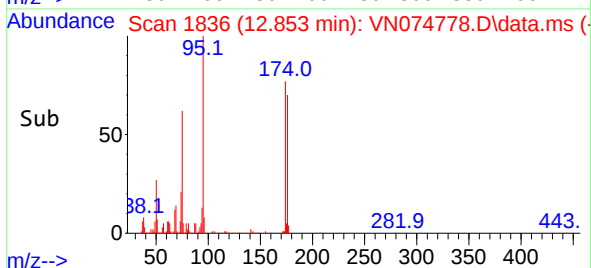
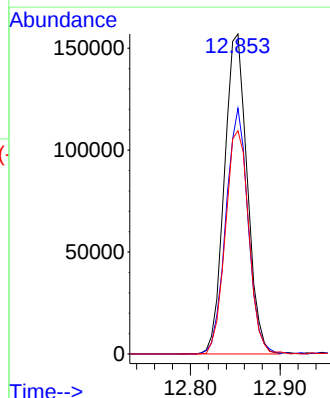
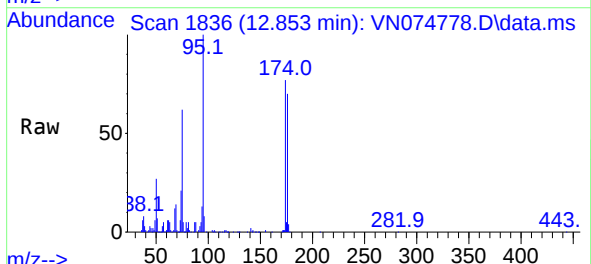
Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW5-EB-20221003

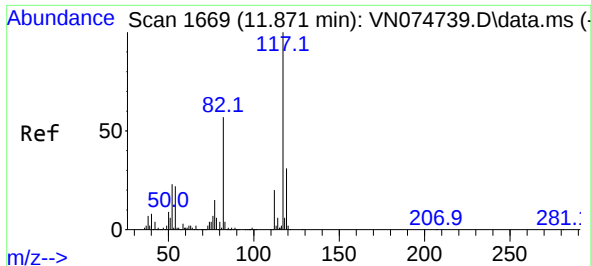
Tgt Ion: 98 Resp: 1078668
Ion Ratio Lower Upper
98 100
100 63.3 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 43.644 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074778.D
Acq: 06 Oct 2022 13:03

Tgt Ion: 95 Resp: 277126
Ion Ratio Lower Upper
95 100
174 74.8 0.0 149.4
176 71.6 0.0 142.0



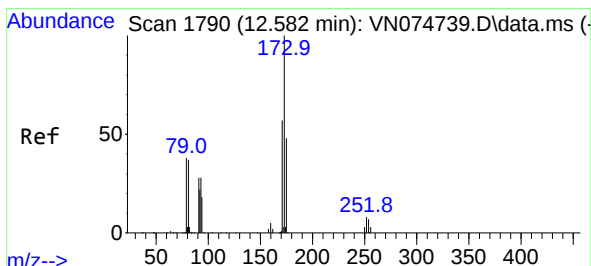
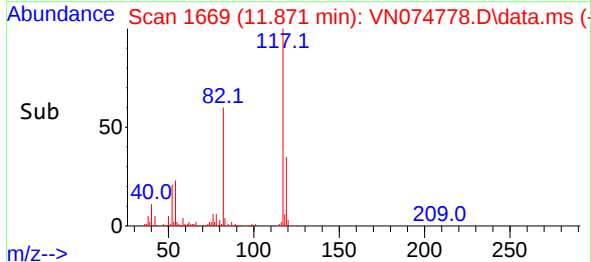
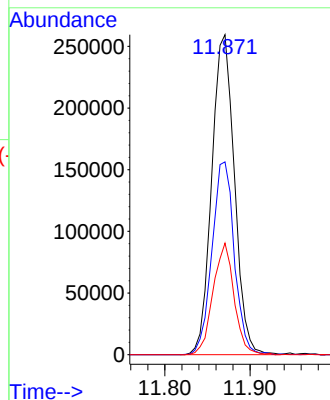
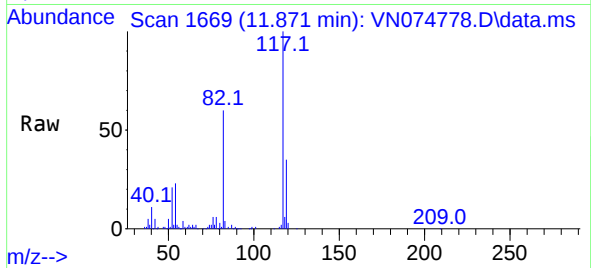


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074778.D
Acq: 06 Oct 2022 13:03

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-EB-20221003

Tgt Ion:117 Resp: 480116

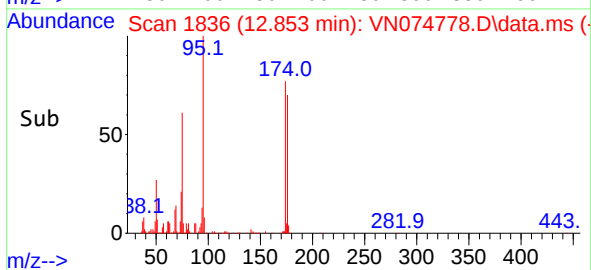
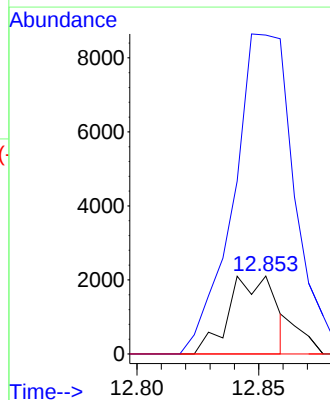
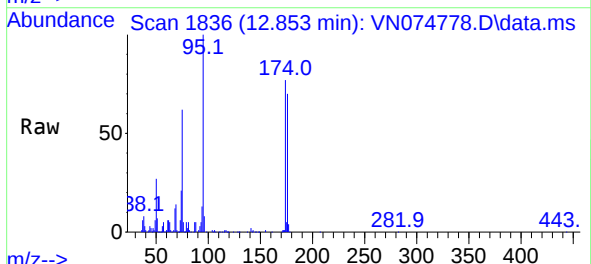
Ion	Ratio	Lower	Upper
117	100		
82	60.2	45.4	68.2
119	34.9	25.1	37.7

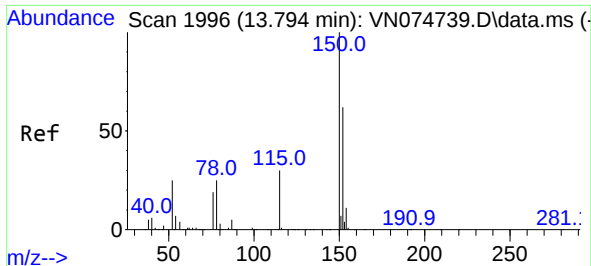


#71
Bromoform
Concen: 0.683 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN074778.D
Acq: 06 Oct 2022 13:03

Tgt Ion:173 Resp: 2797

Ion	Ratio	Lower	Upper
173	100		
175	443.4	23.9	71.7#
254	0.0	0.1	0.1#

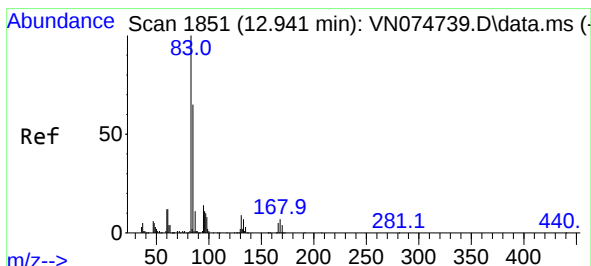
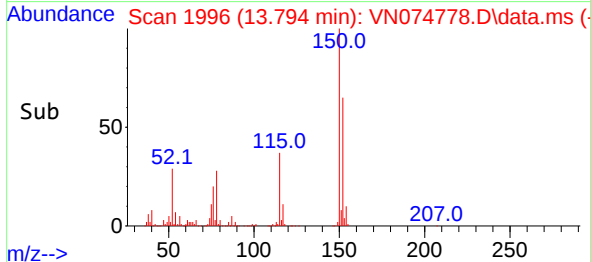
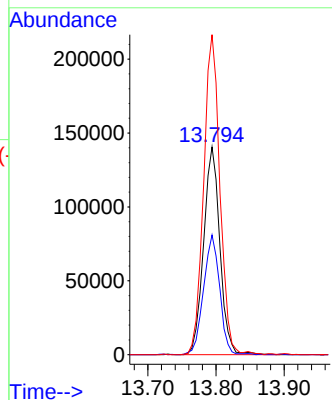
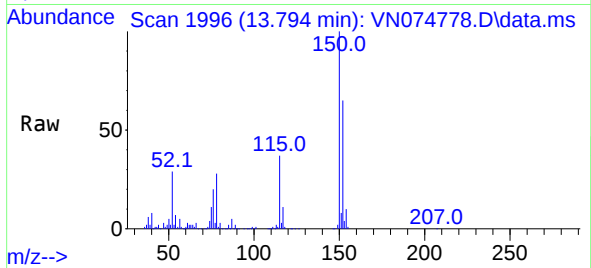




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN074778.D
Acq: 06 Oct 2022 13:03

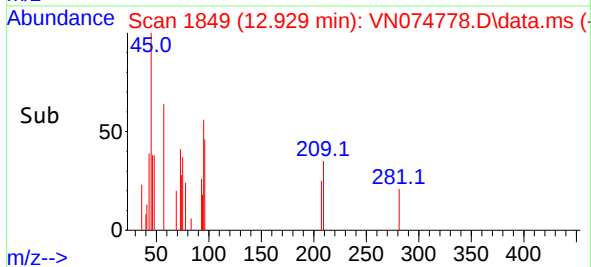
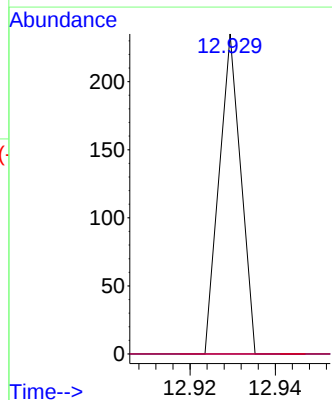
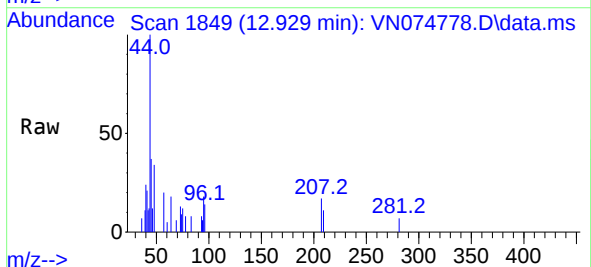
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-EB-20221003

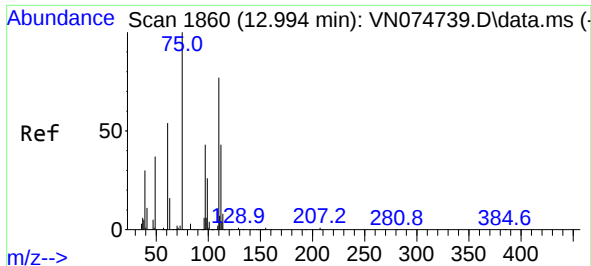
Tgt Ion:152 Resp: 233485
Ion Ratio Lower Upper
152 100
115 57.2 30.0 90.0
150 154.2 0.0 356.4



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.929 min Scan# 1849
Delta R.T. -0.012 min
Lab File: VN074778.D
Acq: 06 Oct 2022 13:03

Tgt Ion: 83 Resp: 83
Ion Ratio Lower Upper
83 100
131 0.0 4.3 12.8#
85 0.0 32.9 98.6#

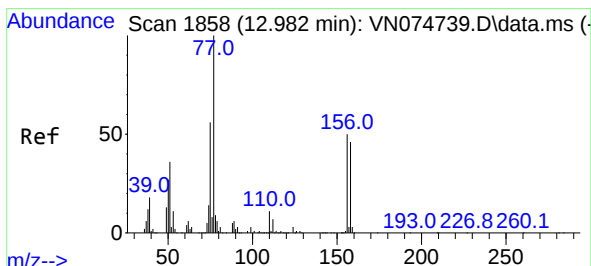
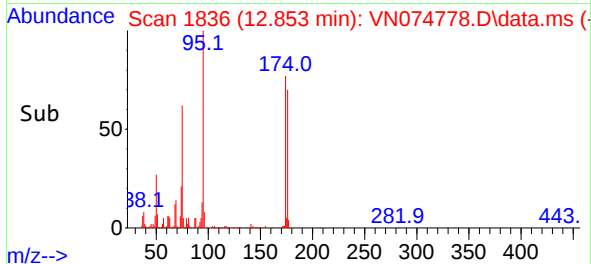
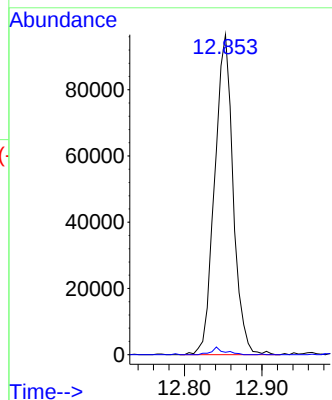
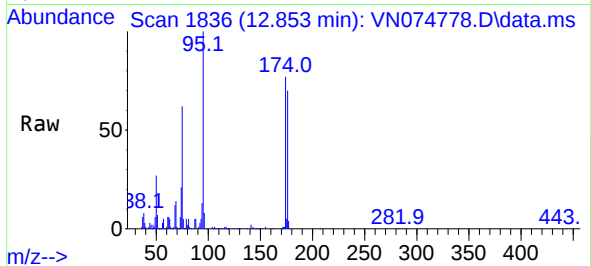




#76
1,2,3-Trichloropropane
Concen: 22.963 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN074778.D
Acq: 06 Oct 2022 13:03

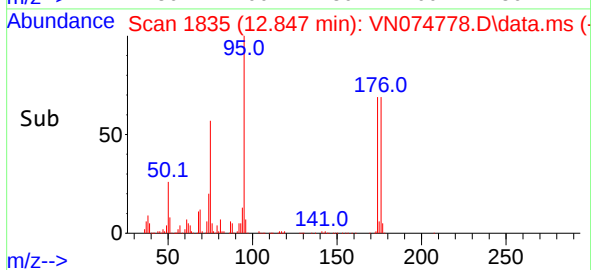
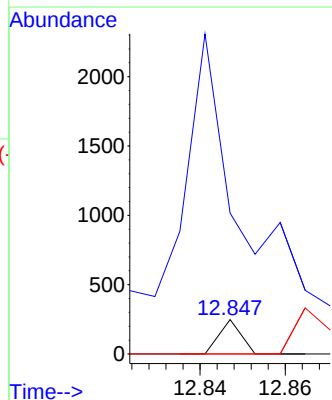
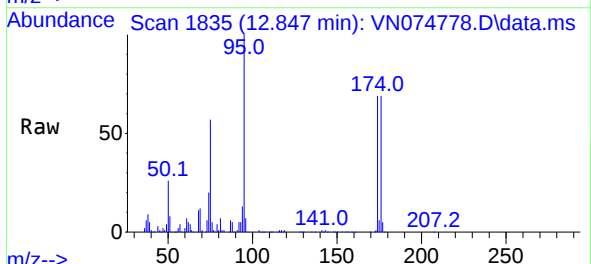
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-EB-20221003

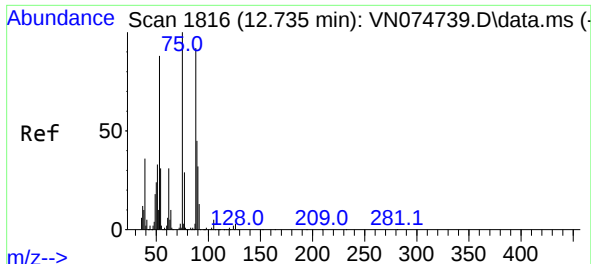
Tgt Ion: 75 Resp: 160024
Ion Ratio Lower Upper
75 100
77 1.7 76.9 230.7#



#77
Bromobenzene
Concen: Below Cal
RT: 12.847 min Scan# 1835
Delta R.T. -0.135 min
Lab File: VN074778.D
Acq: 06 Oct 2022 13:03

Tgt Ion:156 Resp: 88
Ion Ratio Lower Upper
156 100
77 3030.7 124.7 374.1#
158 0.0 48.3 144.9#

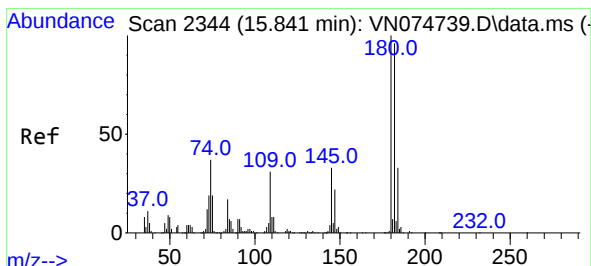
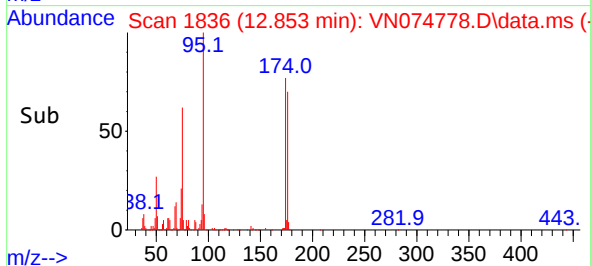
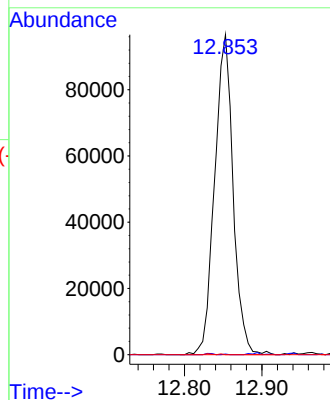
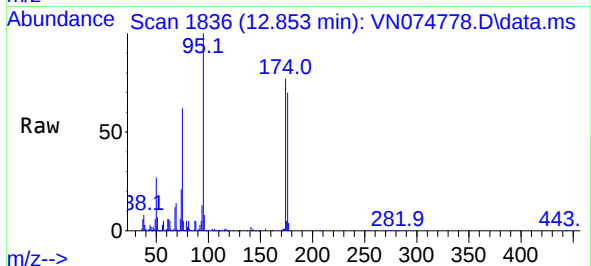




#81
trans-1,4-Dichloro-2-butene
Concen: 44.740 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN074778.D
Acq: 06 Oct 2022 13:03

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-EB-20221003

Tgt Ion: 75 Resp: 160024
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.0#
89 0.0 32.1 48.1#



#96
1,2,3-Trichlorobenzene
Concen: Below Cal
RT: 15.853 min Scan# 2346
Delta R.T. 0.012 min
Lab File: VN074778.D
Acq: 06 Oct 2022 13:03

Tgt Ion:180 Resp: 170
Ion Ratio Lower Upper
180 100
182 243.5 47.3 142.0#
145 78.8 17.1 51.2#

