

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022624\Not Reviewed Data\
 Data File : VN081191.D
 Acq On : 26 Feb 2024 13:40
 Operator : JC\MD
 Sample : P1576-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-195-EB-20240222

Quant Time: Feb 26 15:04:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

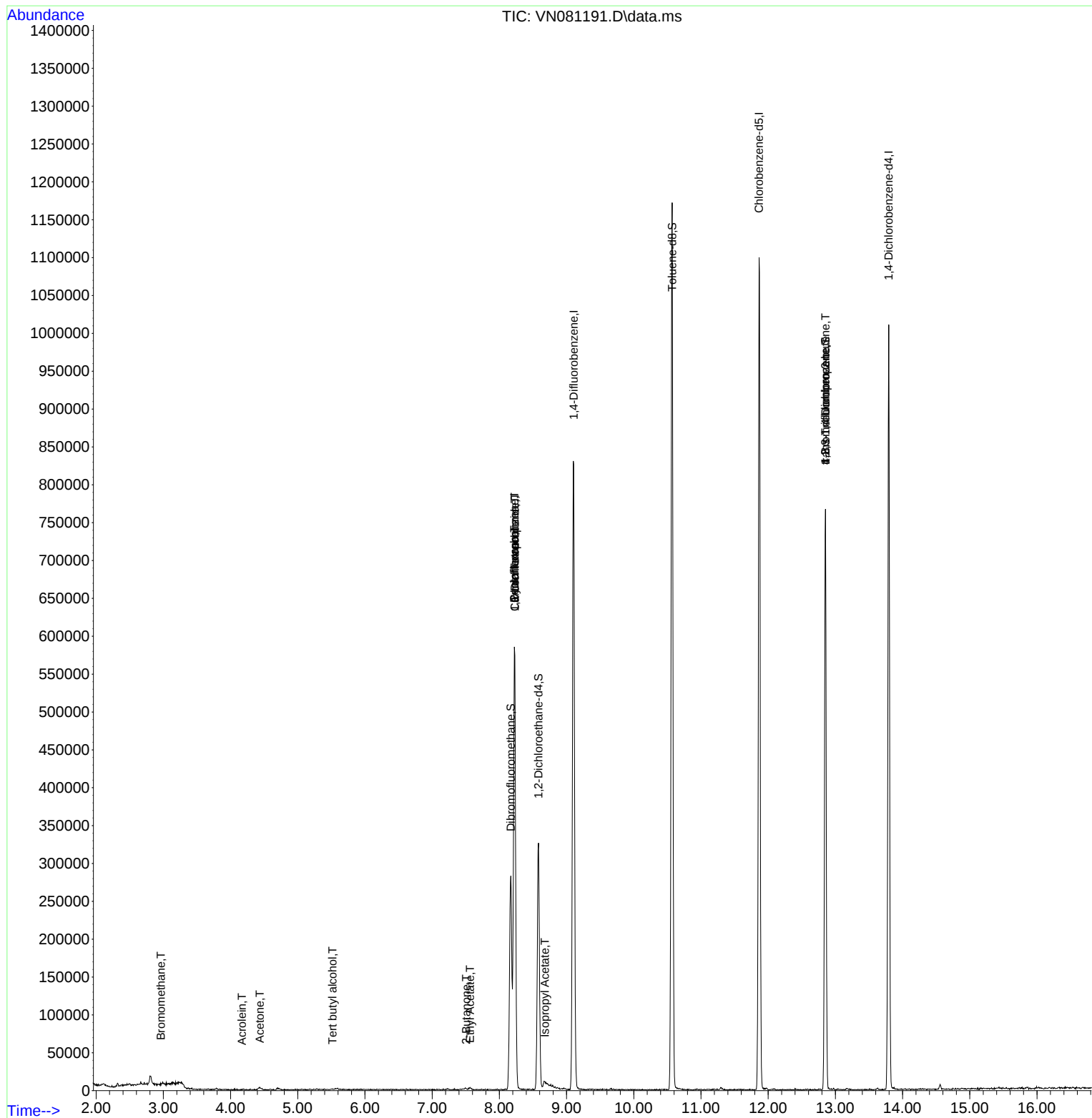
Internal Standards						
1) Pentafluorobenzene	8.224	168	408448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	739342	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	637169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	260171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	264618	52.856	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.720%	
35) Dibromofluoromethane	8.171	113	208115	49.779	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.560%	
50) Toluene-d8	10.570	98	810014	54.550	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.100%	
62) 4-Bromofluorobenzene	12.853	95	266479	47.760	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.520%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1279	Below Cal	#	81
5) Bromomethane	2.965	94	1165	0.280	ug/l #	48
6) Chloroethane	3.100	64	213	Below Cal	#	42
11) Tert butyl alcohol	5.518	59	196	0.213	ug/l #	72
13) Acrolein	4.171	56	160	0.324	ug/l #	74
16) Acetone	4.436	43	5704	2.896	ug/l	91
20) Methylene Chloride	5.277	84	315	Below Cal	#	35
25) 2-Butanone	7.506	43	2967	0.932	ug/l #	51
31) Cyclohexane	8.224	56	10492	1.214	ug/l #	1
36) 1,1-Dichloropropene	8.229	75	35359	4.937	ug/l #	51
37) Ethyl Acetate	7.565	43	3911	0.605	ug/l #	83
38) Carbon Tetrachloride	8.229	117	46343	6.395	ug/l #	17
43) Isopropyl Acetate	8.676	43	10695	0.946	ug/l #	57
76) 1,2,3-Trichloropropane	12.853	75	145198	24.563	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	145198	63.223	ug/l #	14

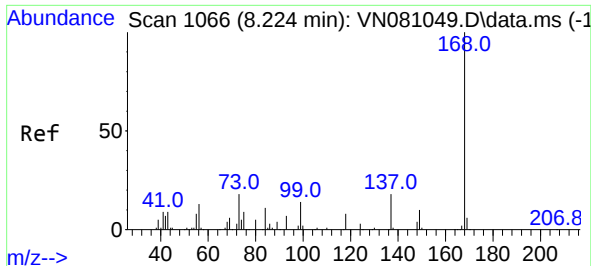
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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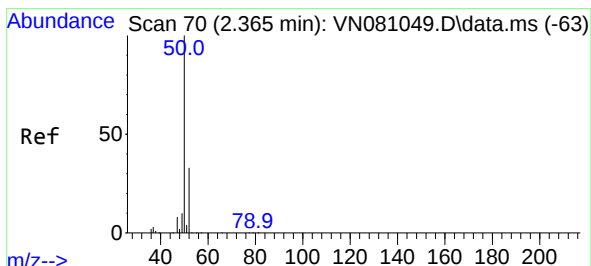
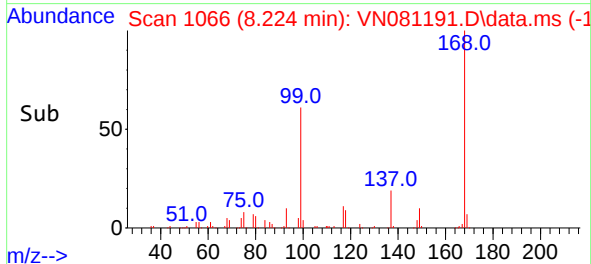
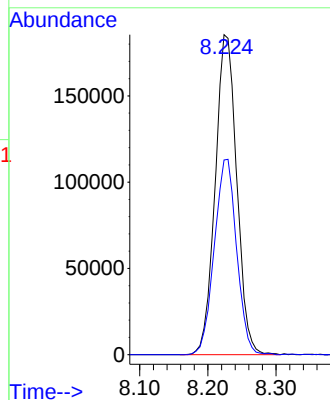
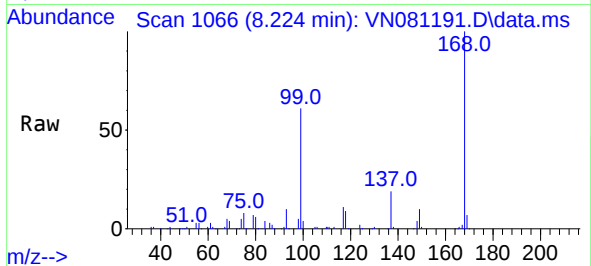




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN081191.D
Acq: 26 Feb 2024 13:40

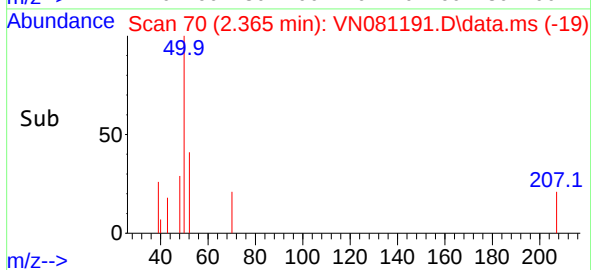
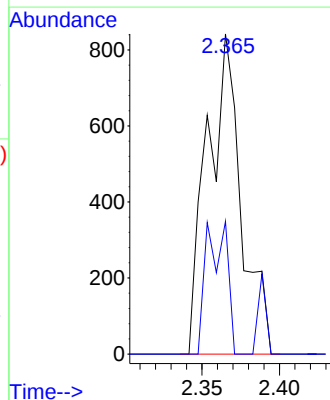
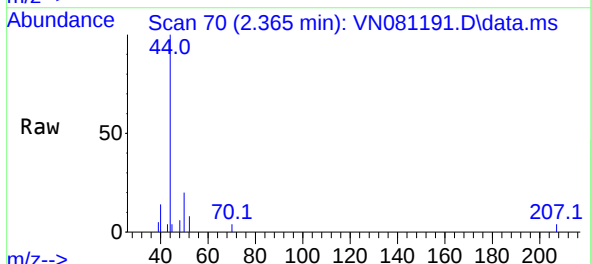
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-EB-20240222

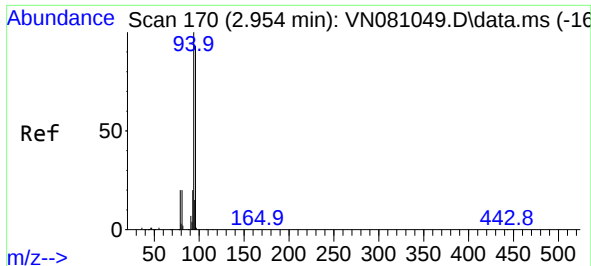
Tgt Ion:168 Resp: 408448
Ion Ratio Lower Upper
168 100
99 60.8 59.9 89.9



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081191.D
Acq: 26 Feb 2024 13:40

Tgt Ion: 50 Resp: 1279
Ion Ratio Lower Upper
50 100
52 41.4 25.0 37.4#





#5

Bromomethane

Concen: 0.280 ug/l

RT: 2.965 min Scan# 11

Delta R.T. 0.011 min

Lab File: VN081191.D

Acq: 26 Feb 2024 13:40

Instrument :

MSVOA_N

ClientSampleId :

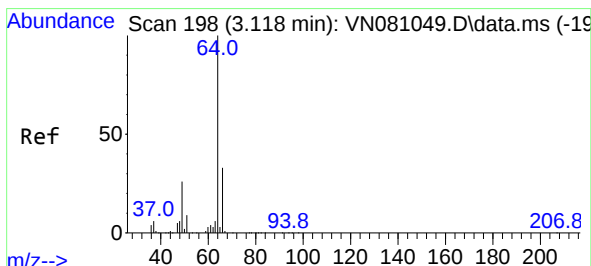
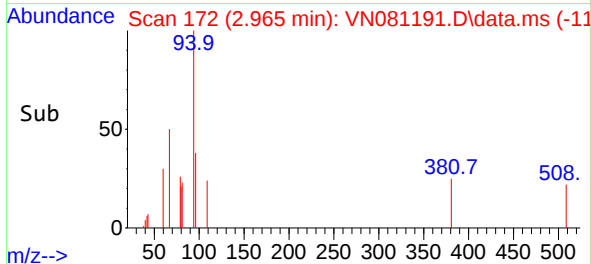
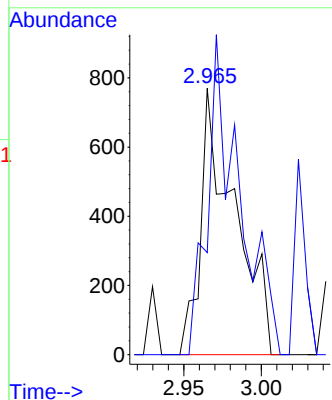
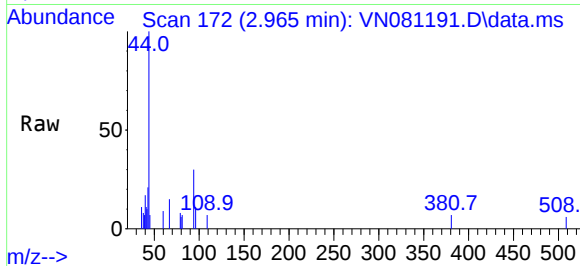
BP-VPB-195-EB-20240222

Tgt Ion: 94 Resp: 1165

Ion Ratio Lower Upper

94 100

96 38.3 69.2 103.8#



#6

Chloroethane

Concen: Below Cal

RT: 3.100 min Scan# 195

Delta R.T. -0.018 min

Lab File: VN081191.D

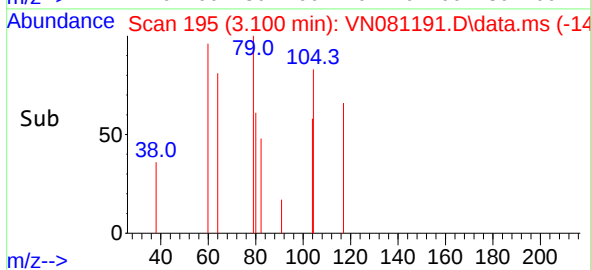
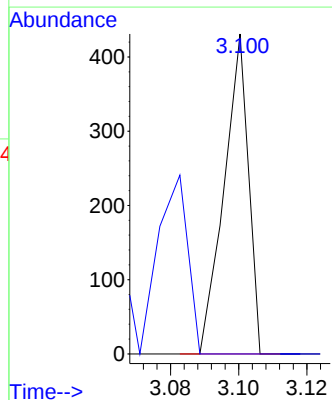
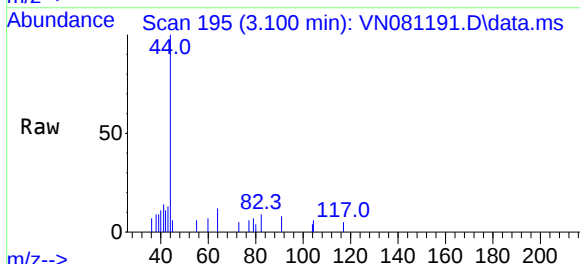
Acq: 26 Feb 2024 13:40

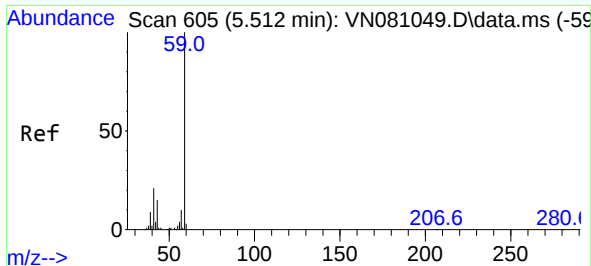
Tgt Ion: 64 Resp: 213

Ion Ratio Lower Upper

64 100

66 0.0 26.4 39.6#





#11

Tert butyl alcohol

Concen: 0.213 ug/l

RT: 5.518 min Scan# 605

Delta R.T. 0.006 min

Lab File: VN081191.D

Acq: 26 Feb 2024 13:40

Instrument :

MSVOA_N

ClientSampleId :

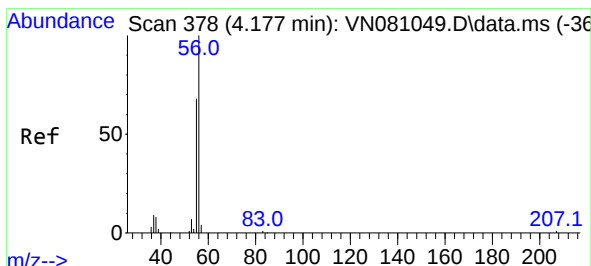
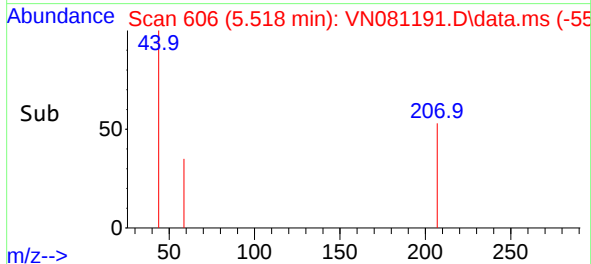
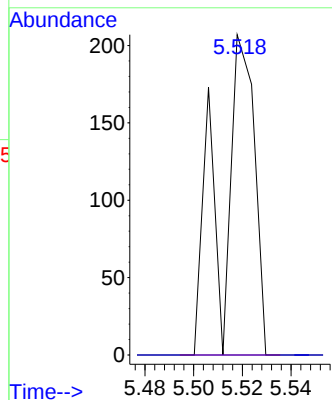
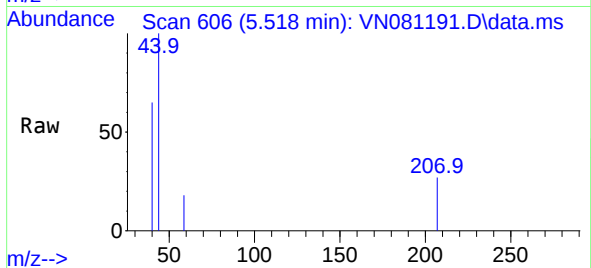
BP-VPB-195-EB-20240222

Tgt Ion: 59 Resp: 196

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#13

Acrolein

Concen: 0.324 ug/l

RT: 4.171 min Scan# 377

Delta R.T. -0.006 min

Lab File: VN081191.D

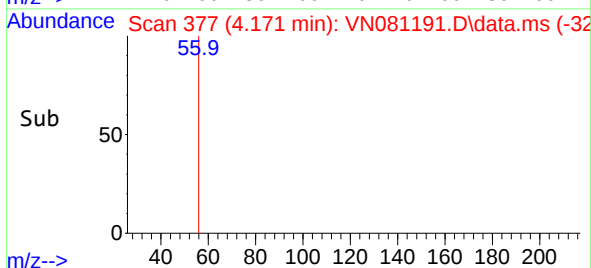
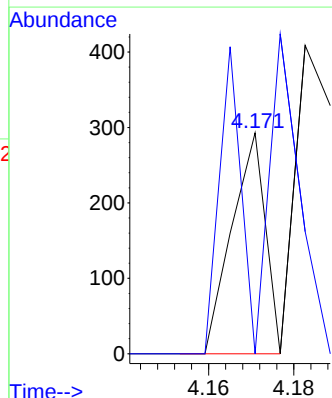
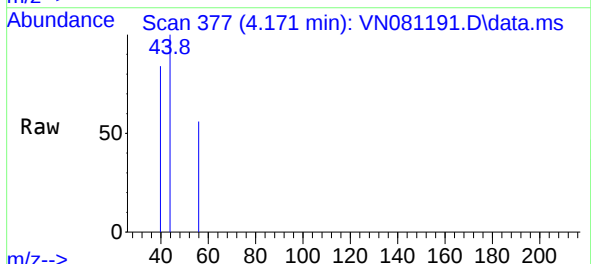
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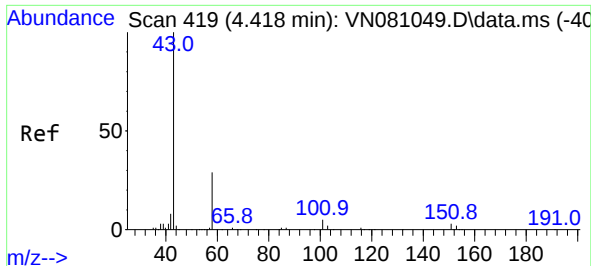
Tgt Ion: 56 Resp: 160

Ion Ratio Lower Upper

56 100

55 90.0 55.3 82.9#

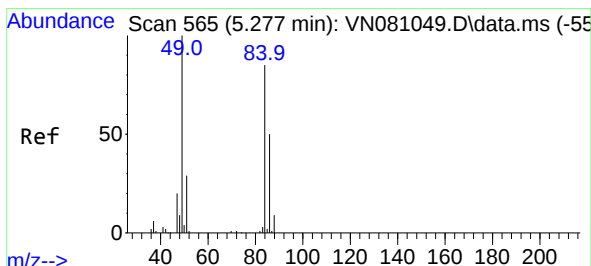
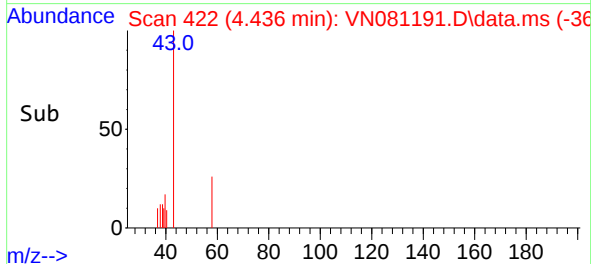
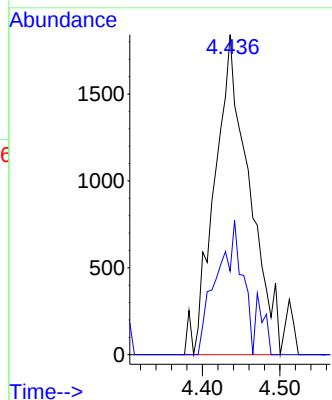
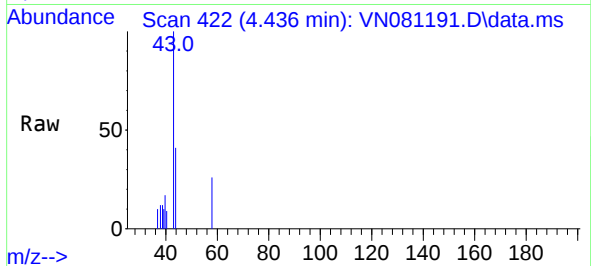




#16
Acetone
Concen: 2.896 ug/l
RT: 4.436 min Scan# 419
Delta R.T. 0.017 min
Lab File: VN081191.D
Acq: 26 Feb 2024 13:40

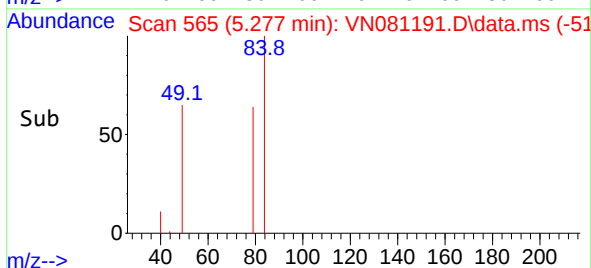
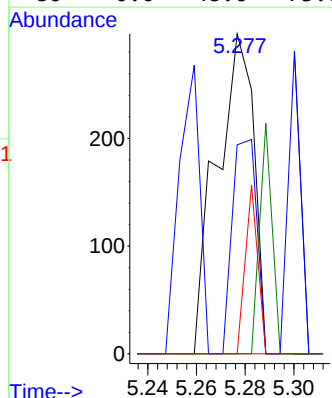
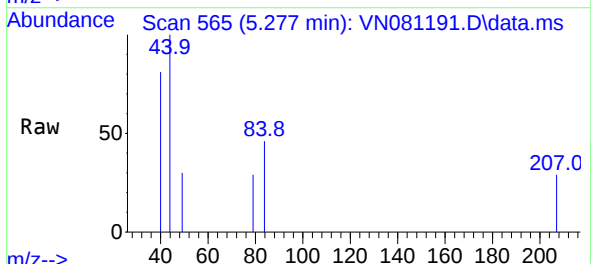
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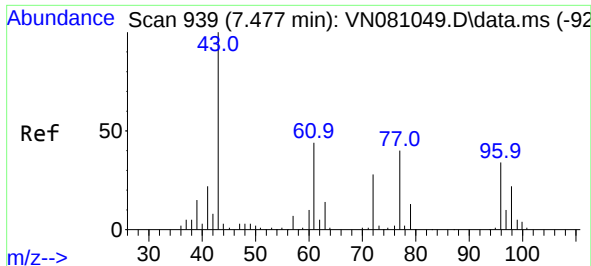
Tgt Ion: 43 Resp: 5704
Ion Ratio Lower Upper
43 100
58 26.1 24.8 37.2



#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081191.D
Acq: 26 Feb 2024 13:40

Tgt Ion: 84 Resp: 315
Ion Ratio Lower Upper
84 100
49 65.3 108.1 162.1#
51 0.0 32.9 49.3#
86 0.0 48.6 73.0#

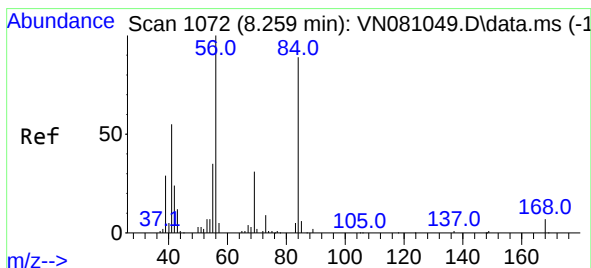
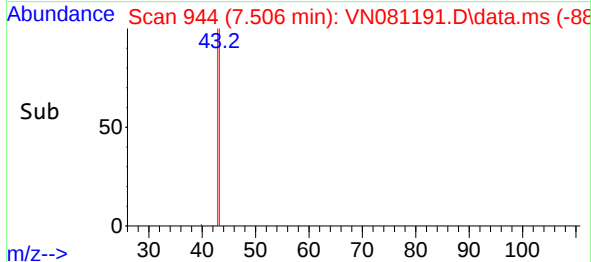
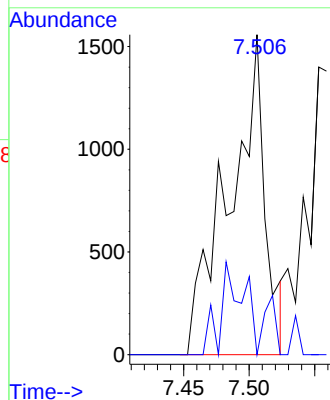
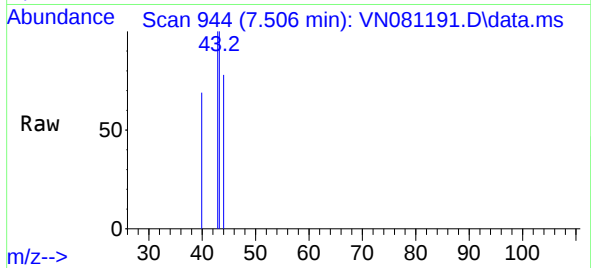




#25
2-Butanone
Concen: 0.932 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.029 min
Lab File: VN081191.D
Acq: 26 Feb 2024 13:40

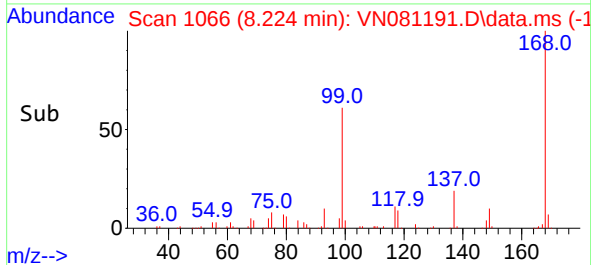
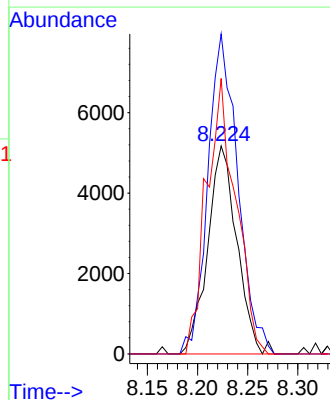
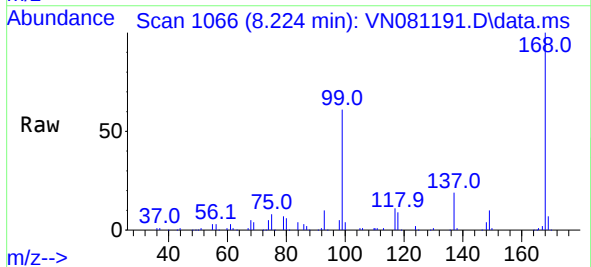
Instrument :
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BP-VPB-195-EB-20240222

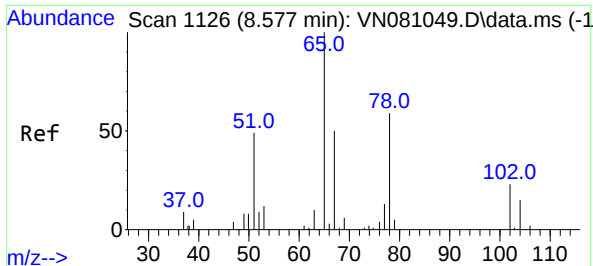
Tgt Ion: 43 Resp: 2967
Ion Ratio Lower Upper
43 100
72 0.0 19.5 29.3#



#31
Cyclohexane
Concen: 1.214 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081191.D
Acq: 26 Feb 2024 13:40

Tgt Ion: 56 Resp: 10492
Ion Ratio Lower Upper
56 100
69 153.8 20.1 30.1#
84 132.4 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 52.856 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081191.D

Acq: 26 Feb 2024 13:40

Instrument :

MSVOA_N

ClientSampleId :

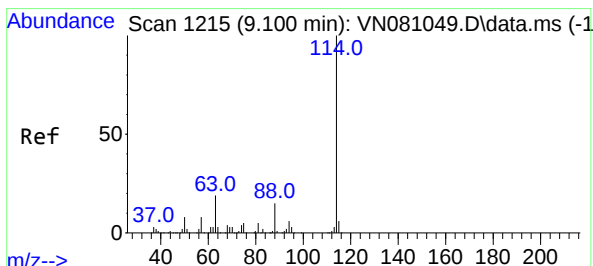
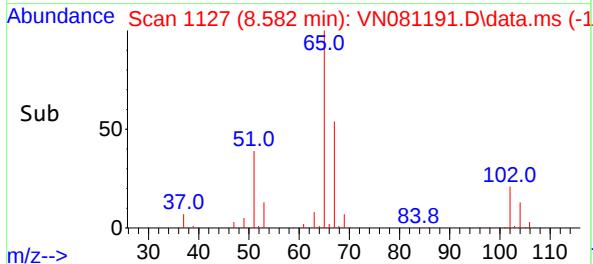
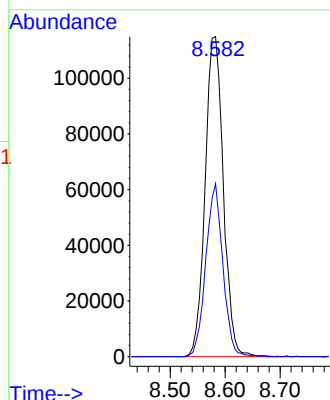
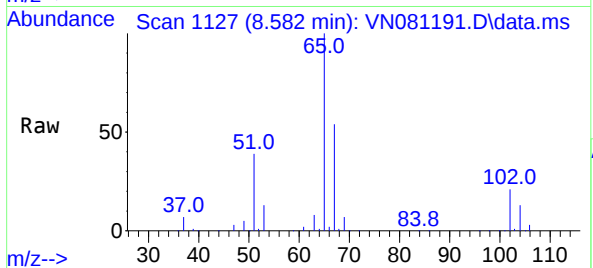
BP-VPB-195-EB-20240222

Tgt Ion: 65 Resp: 264618

Ion Ratio Lower Upper

65 100

67 50.7 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081191.D

Acq: 26 Feb 2024 13:40

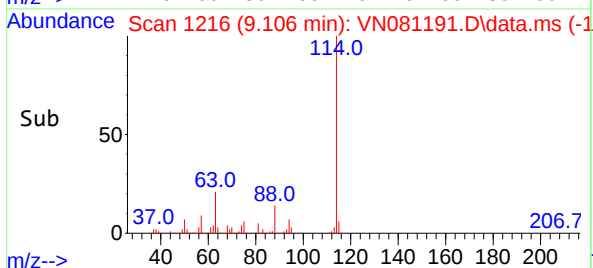
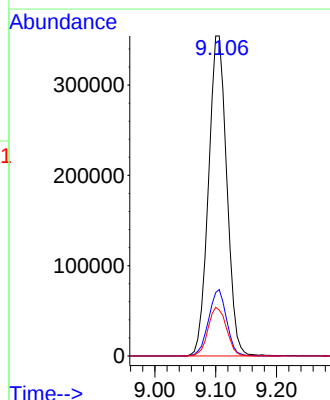
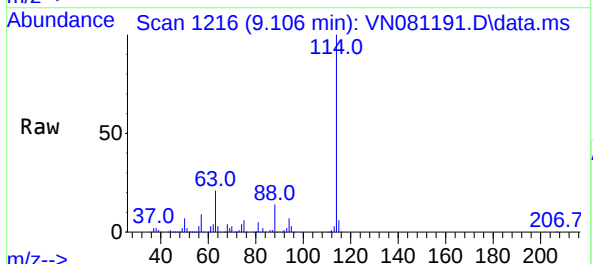
Tgt Ion: 114 Resp: 739342

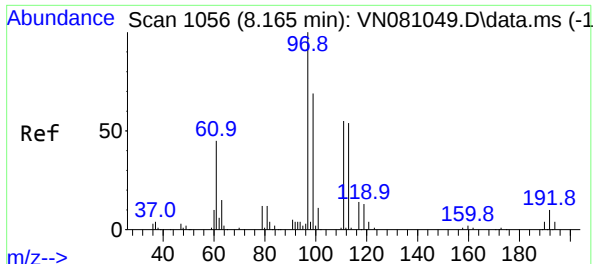
Ion Ratio Lower Upper

114 100

63 20.8 0.0 48.0

88 14.4 0.0 34.8

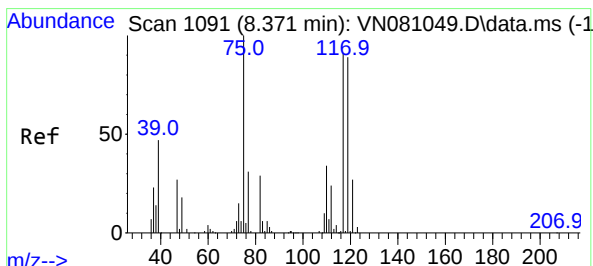
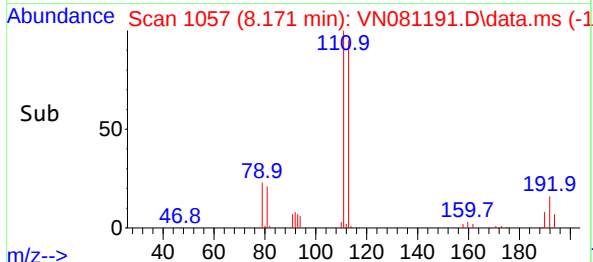
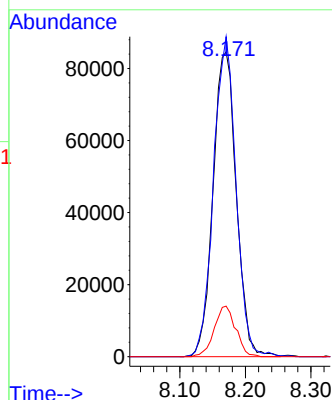
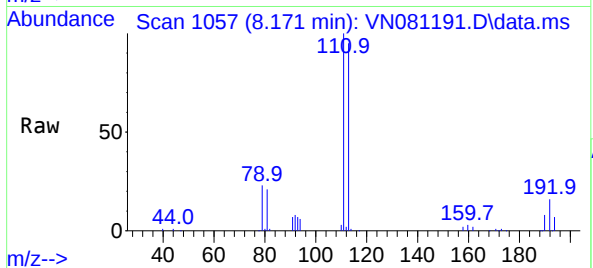




#35
Dibromofluoromethane
Concen: 49.779 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081191.D
Acq: 26 Feb 2024 13:40

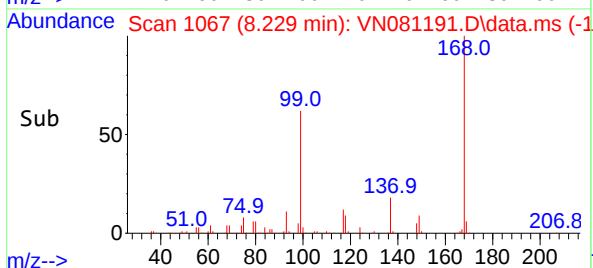
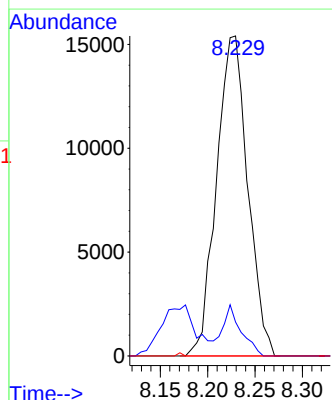
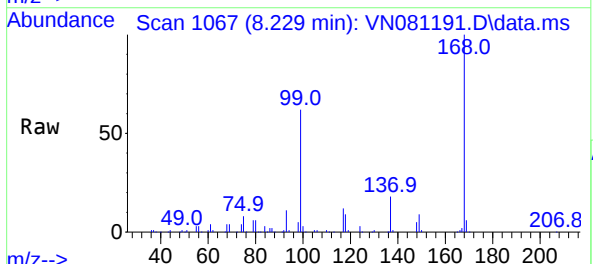
Instrument :
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BP-VPB-195-EB-20240222

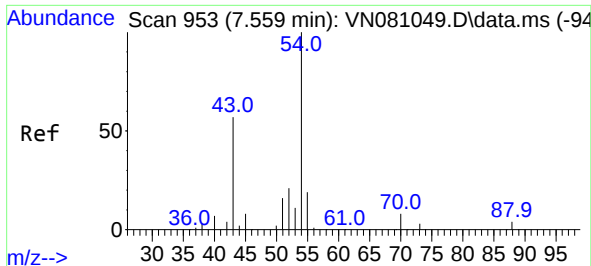
Tgt Ion:113 Resp: 208115
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.4
192 15.4 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.937 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN081191.D
Acq: 26 Feb 2024 13:40

Tgt Ion: 75 Resp: 35359
Ion Ratio Lower Upper
75 100
110 9.4 16.0 48.0#
77 0.0 25.8 38.6#





#37

Ethyl Acetate

Concen: 0.605 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN081191.D

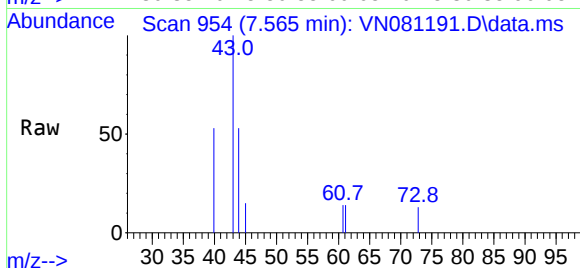
Acq: 26 Feb 2024 13:40

Instrument :

MSVOA_N

ClientSampleId :

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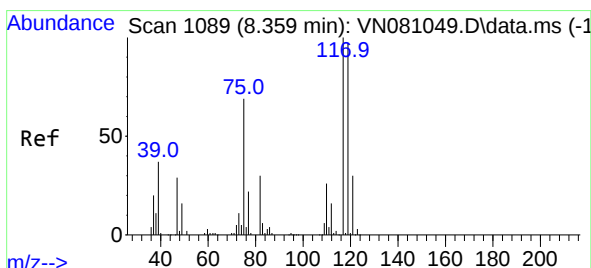
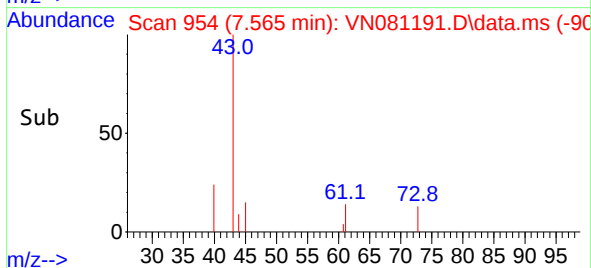
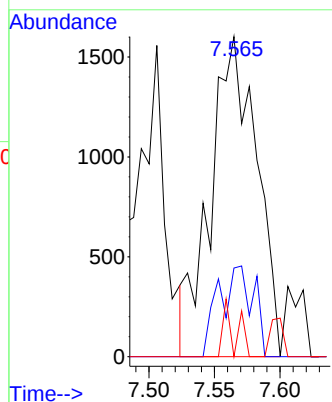
Tgt Ion: 43 Resp: 3911

Ion Ratio Lower Upper

43 100

61 21.1 10.6 15.8#

70 4.7 8.0 12.0#



#38

Carbon Tetrachloride

Concen: 6.395 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.130 min

Lab File: VN081191.D

Acq: 26 Feb 2024 13:40

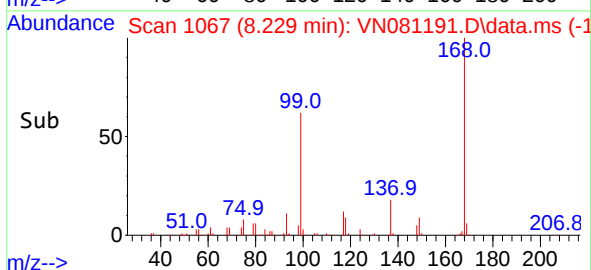
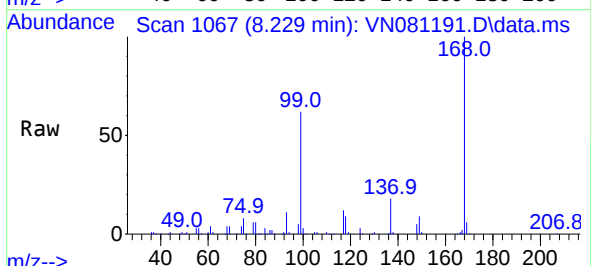
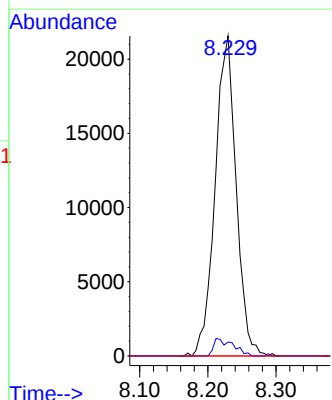
Tgt Ion: 117 Resp: 46343

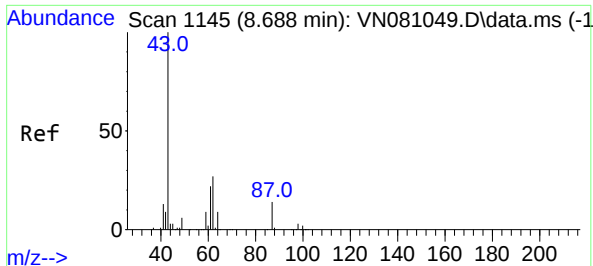
Ion Ratio Lower Upper

117 100

119 4.4 73.4 110.2#

121 0.0 24.4 36.6#





#43

Isopropyl Acetate

Concen: 0.946 ug/l

RT: 8.676 min Scan# 1143

Delta R.T. -0.012 min

Lab File: VN081191.D

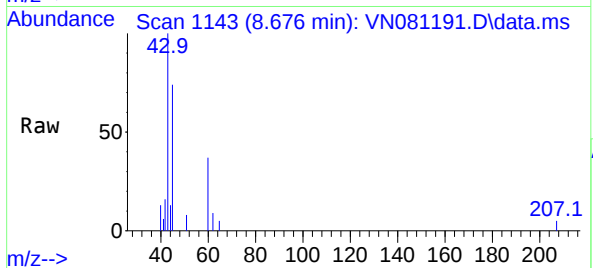
Acq: 26 Feb 2024 13:40

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-195-EB-20240222



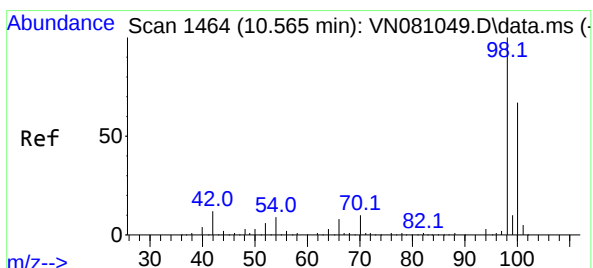
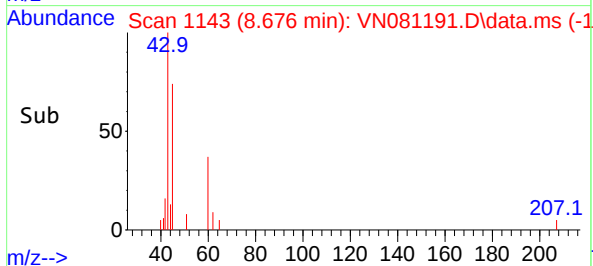
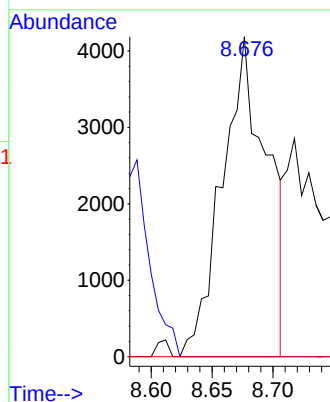
Tgt Ion: 43 Resp: 10695

Ion Ratio Lower Upper

43 100

61 0.0 19.9 29.9#

87 0.0 9.0 13.6#



#50

Toluene-d8

Concen: 54.550 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081191.D

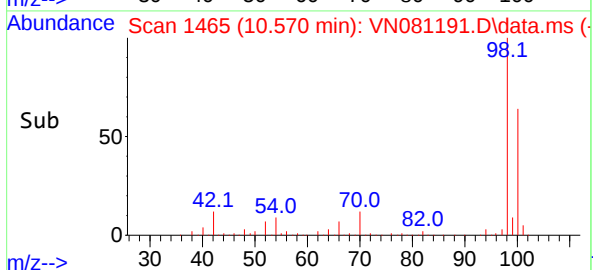
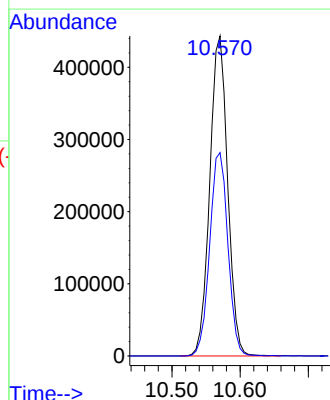
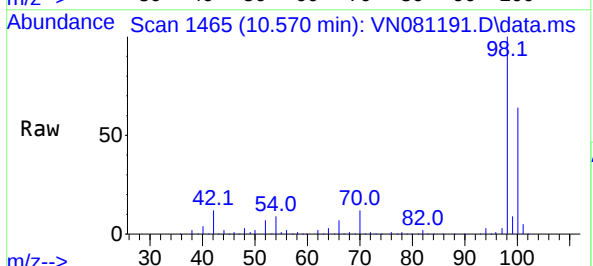
Acq: 26 Feb 2024 13:40

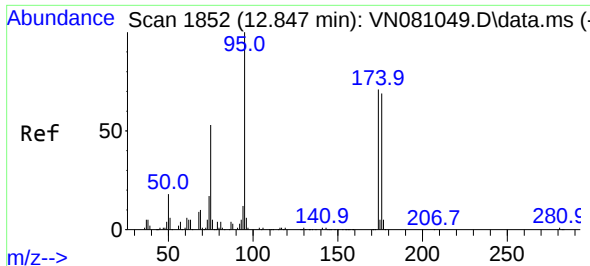
Tgt Ion: 98 Resp: 810014

Ion Ratio Lower Upper

98 100

100 64.7 51.4 77.0



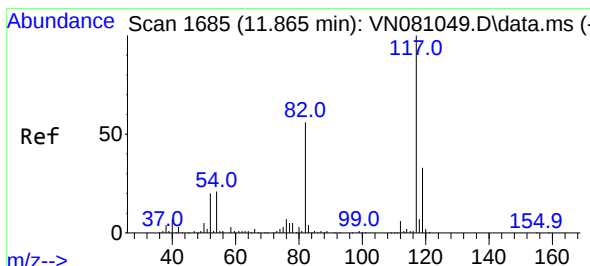
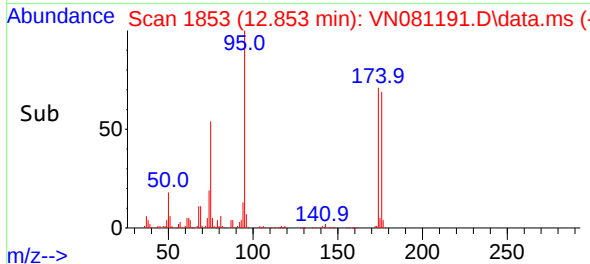
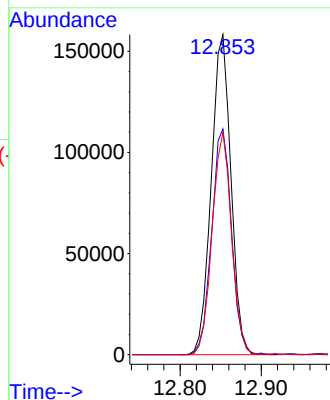
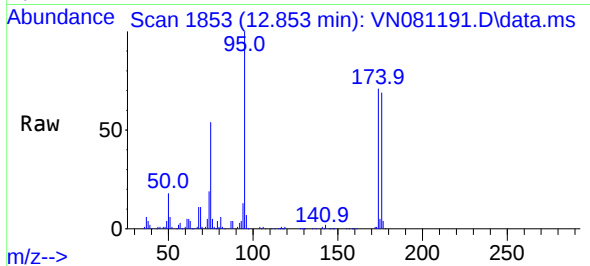


#62
4-Bromofluorobenzene
Concen: 47.760 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081191.D
Acq: 26 Feb 2024 13:40

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-EB-20240222

Tgt Ion: 95 Resp: 266479

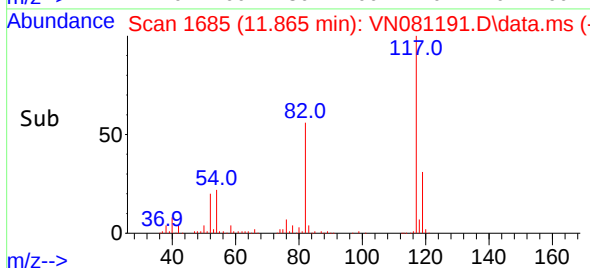
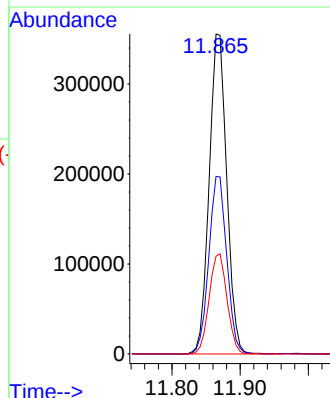
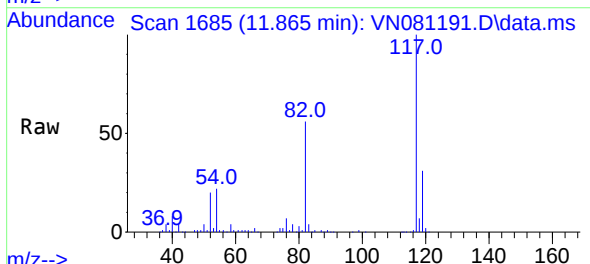
Ion	Ratio	Lower	Upper
95	100		
174	71.2	0.0	120.4
176	68.2	0.0	121.0

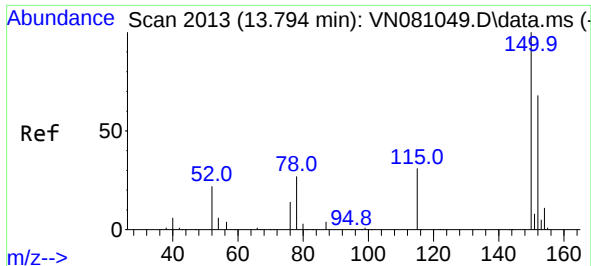


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081191.D
Acq: 26 Feb 2024 13:40

Tgt Ion: 117 Resp: 637169

Ion	Ratio	Lower	Upper
117	100		
82	55.5	52.7	79.1
119	30.5	25.3	37.9

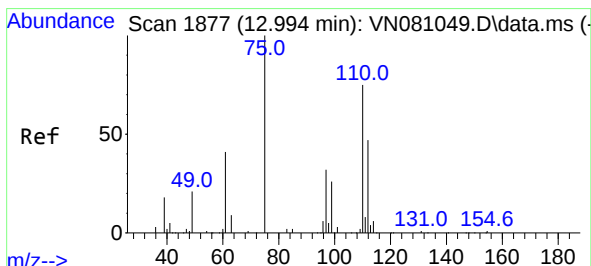
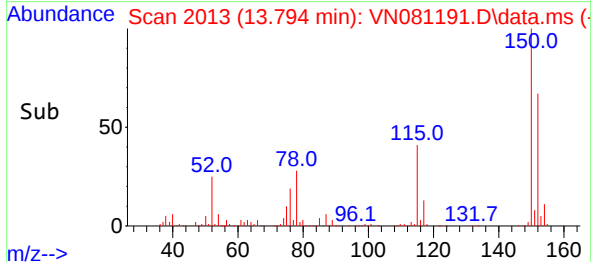
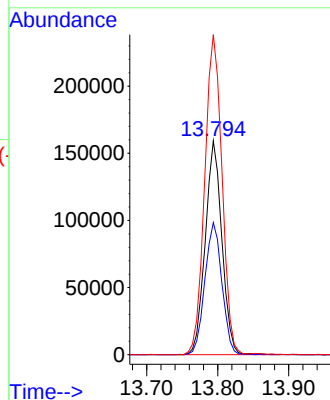
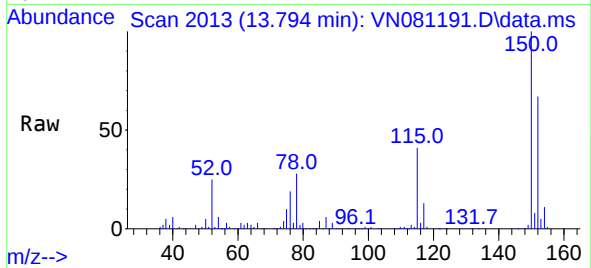




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN081191.D
Acq: 26 Feb 2024 13:40

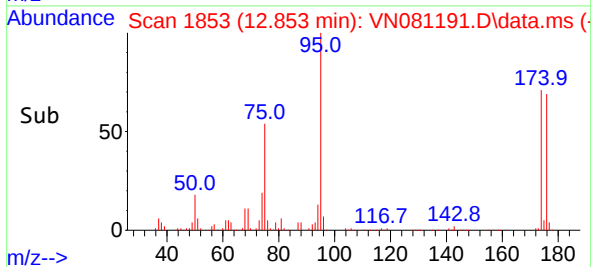
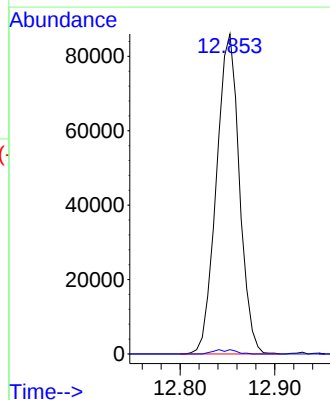
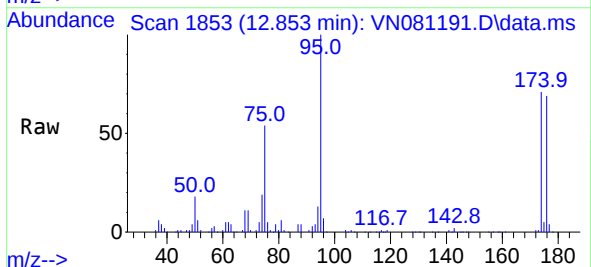
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-EB-20240222

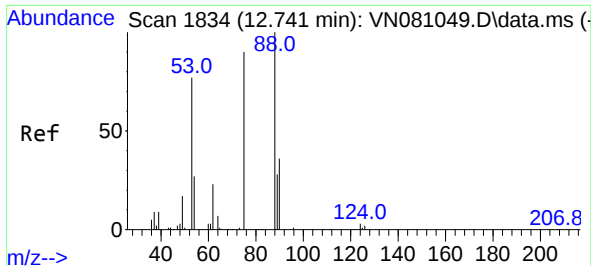
Tgt Ion:152 Resp: 260171
Ion Ratio Lower Upper
152 100
115 63.0 32.3 96.8
150 155.2 0.0 339.8



#76
1,2,3-Trichloropropane
Concen: 24.563 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN081191.D
Acq: 26 Feb 2024 13:40

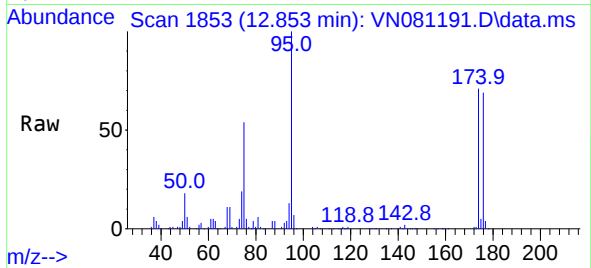
Tgt Ion: 75 Resp: 145198
Ion Ratio Lower Upper
75 100
77 1.3 91.0 272.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 63.223 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN081191.D
Acq: 26 Feb 2024 13:40

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-EB-20240222



Tgt Ion: 75 Resp: 145198
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#

