

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
 Data File : VN081168.D
 Acq On : 23 Feb 2024 18:57
 Operator : JC\MD
 Sample : P1576-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Feb 23 22:03:33 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)

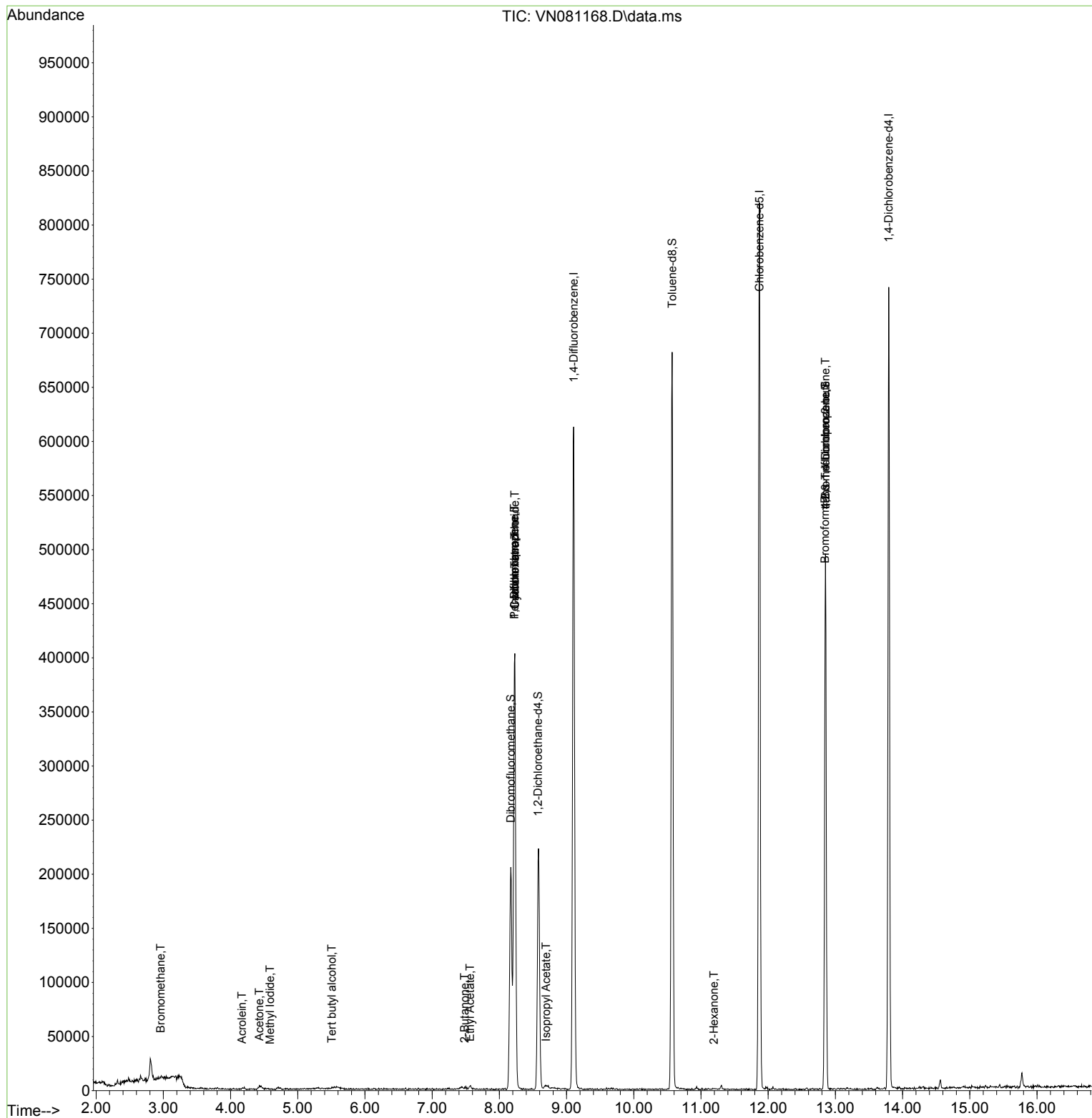
Internal Standards						
1) Pentafluorobenzene	8.224	168	276312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	529397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	461351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	185261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	175961	51.955	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.900%			
35) Dibromofluoromethane	8.171	113	147107	49.141	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.280%			
50) Toluene-d8	10.571	98	464478	43.685	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 87.380%			
62) 4-Bromofluorobenzene	12.853	95	175230	43.861	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 87.720%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	572	Below Cal	#	81
5) Bromomethane	2.959	94	1365	0.484	ug/l #	42
6) Chloroethane	3.101	64	289	Below Cal	#	42
10) Methyl Iodide	4.589	142	765	0.212	ug/l #	80
11) Tert butyl alcohol	5.506	59	134	0.215	ug/l #	72
13) Acrolein	4.171	56	681	2.040	ug/l #	15
16) Acetone	4.430	43	3111	2.334	ug/l	96
20) Methylene Chloride	5.265	84	282	Below Cal	#	4
25) 2-Butanone	7.483	43	1420	0.660	ug/l	98
31) Cyclohexane	8.230	56	7112	1.216	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	26450	5.157	ug/l #	52
37) Ethyl Acetate	7.565	43	5288	1.142	ug/l #	93
38) Carbon Tetrachloride	8.230	117	32642	6.291	ug/l #	17
43) Isopropyl Acetate	8.694	43	3147	0.389	ug/l #	57
59) 2-Hexanone	11.194	43	1140	0.309	ug/l	65
71) Bromoform	12.847	173	839	0.369	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	93162	22.133	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	93162	56.968	ug/l #	14

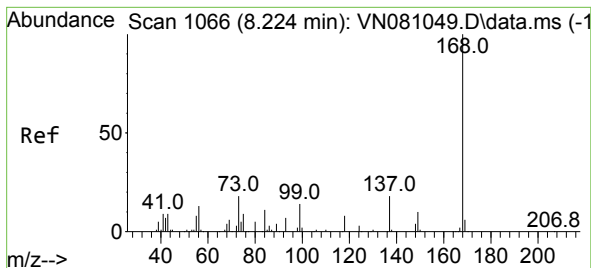
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
Data File : VN081168.D
Acq On : 23 Feb 2024 18:57
Operator : JC\MD
Sample : P1576-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Feb 23 22:03:33 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081168.D

Acq: 23 Feb 2024 18:57

Instrument :

MSVOA_N

ClientSampleId :

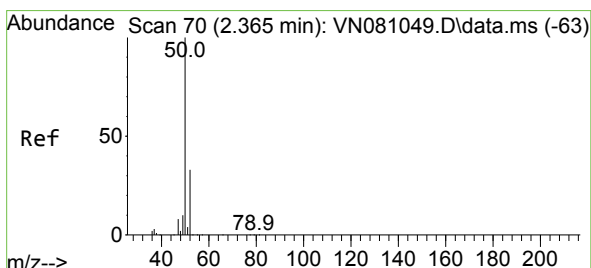
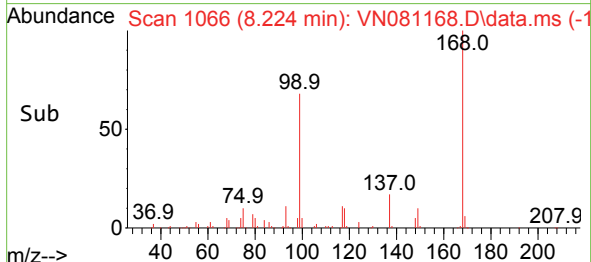
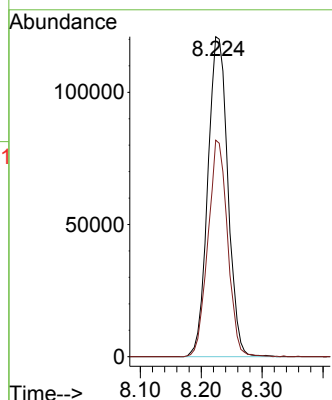
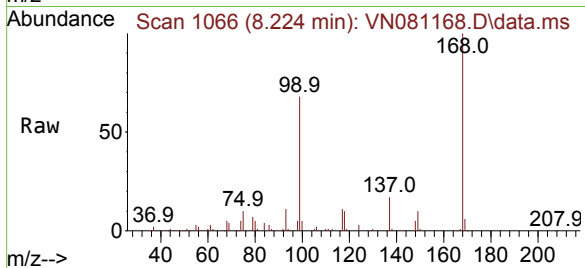
BP-VPB-195-EB-20240222

Tgt Ion:168 Resp: 276312

Ion Ratio Lower Upper

168 100

99 67.6 59.9 89.9



#3

Chloromethane

Concen: Below Cal

RT: 2.359 min Scan# 69

Delta R.T. -0.006 min

Lab File: VN081168.D

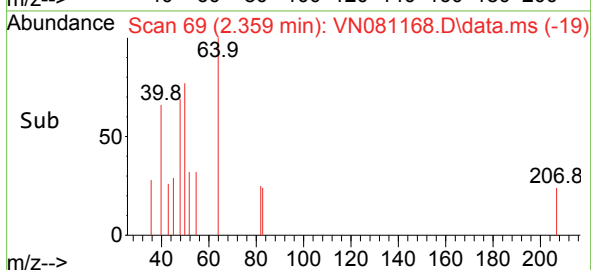
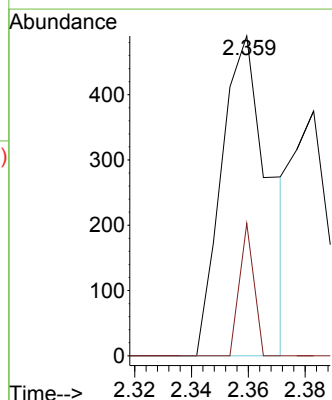
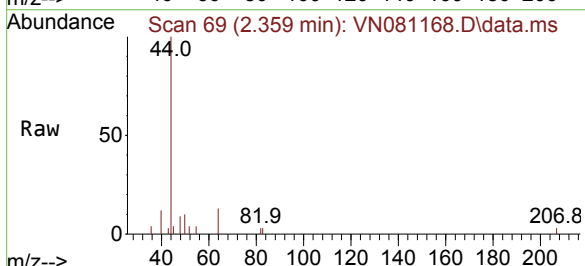
Acq: 23 Feb 2024 18:57

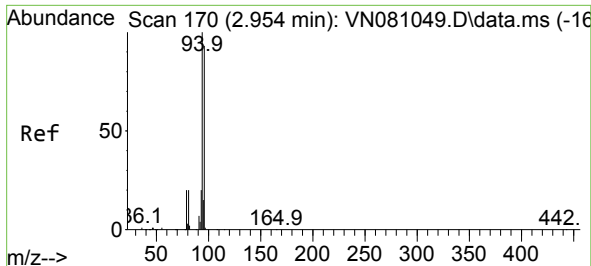
Tgt Ion: 50 Resp: 572

Ion Ratio Lower Upper

50 100

52 41.4 25.0 37.4#

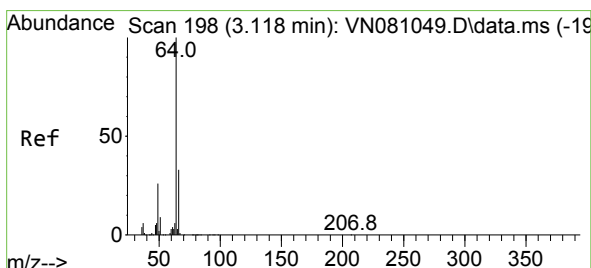
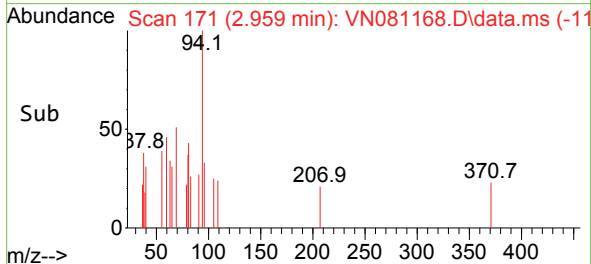
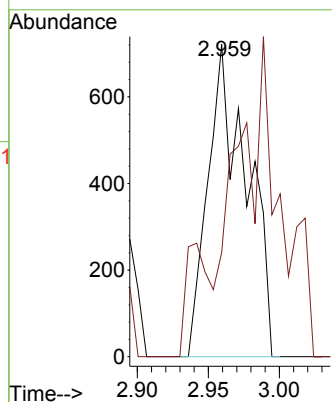
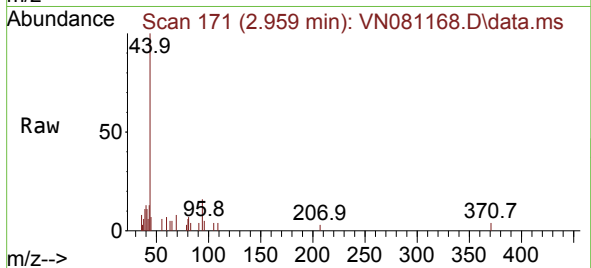




#5
Bromomethane
Concen: 0.484 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN081168.D
Acq: 23 Feb 2024 18:57

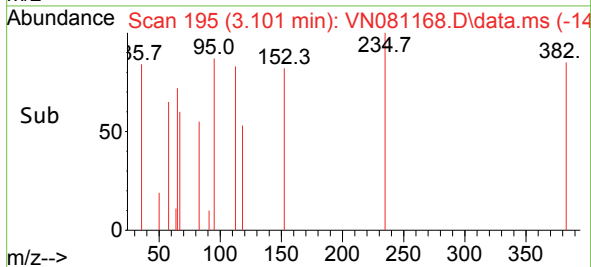
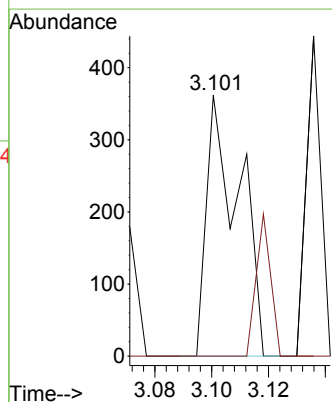
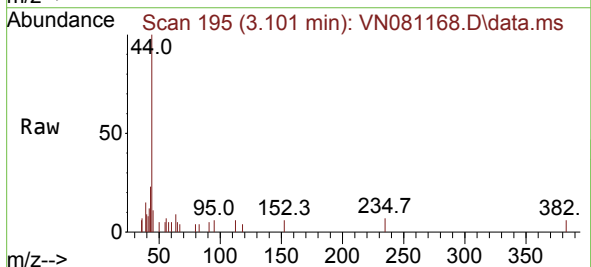
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-EB-20240222

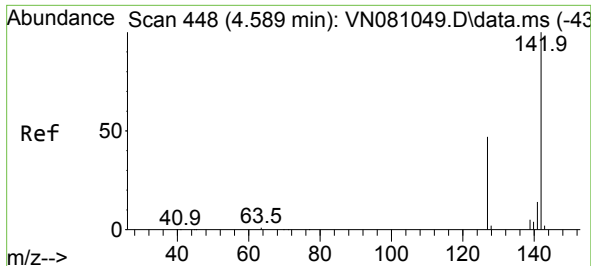
Tgt Ion: 94 Resp: 1365
Ion Ratio Lower Upper
94 100
96 33.2 69.2 103.8#



#6
Chloroethane
Concen: Below Cal
RT: 3.101 min Scan# 195
Delta R.T. -0.017 min
Lab File: VN081168.D
Acq: 23 Feb 2024 18:57

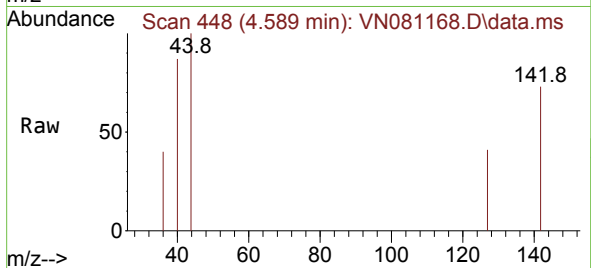
Tgt Ion: 64 Resp: 289
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



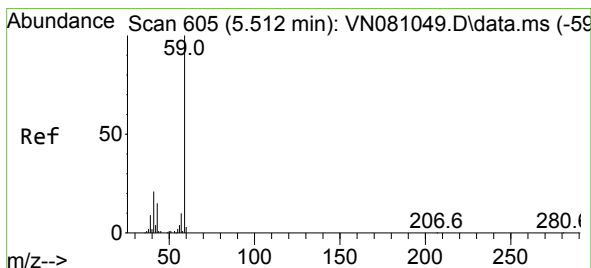
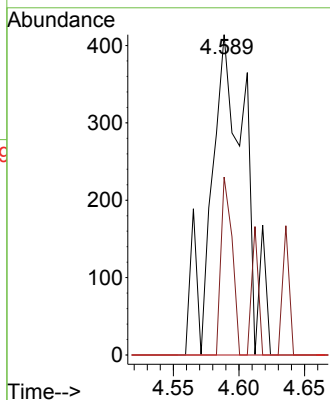
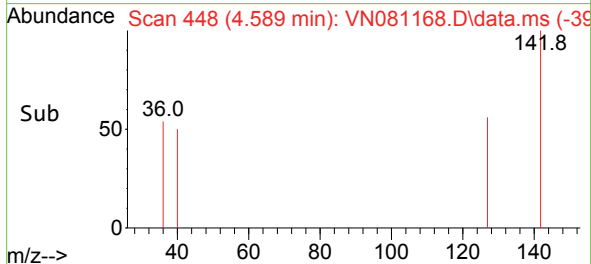


#10
Methyl Iodide
Concen: 0.212 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081168.D
Acq: 23 Feb 2024 18:57

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

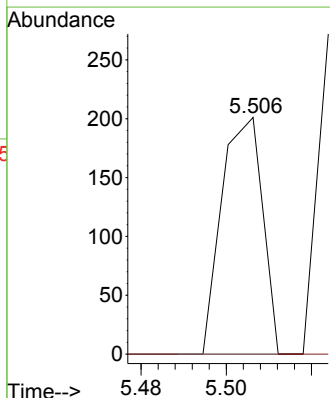
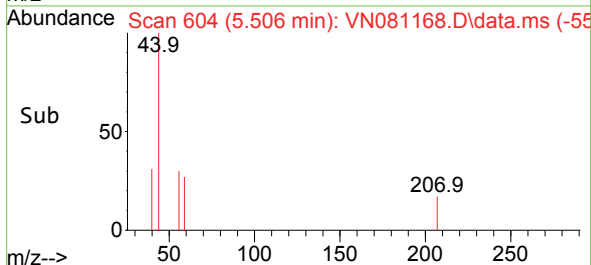
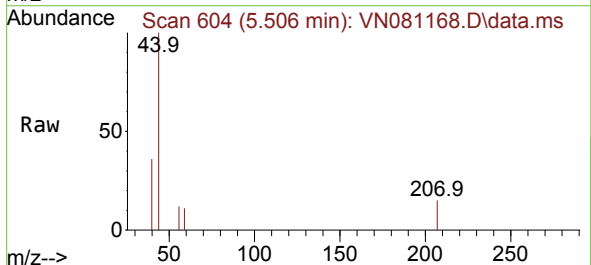


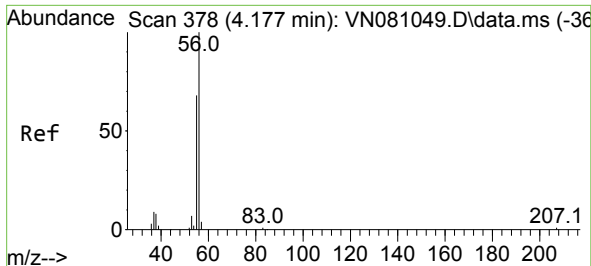
Tgt Ion:142 Resp: 765
Ion Ratio Lower Upper
142 100
127 55.6 37.0 55.4#
141 0.0 12.5 18.7#



#11
Tert butyl alcohol
Concen: 0.215 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.006 min
Lab File: VN081168.D
Acq: 23 Feb 2024 18:57

Tgt Ion: 59 Resp: 134
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

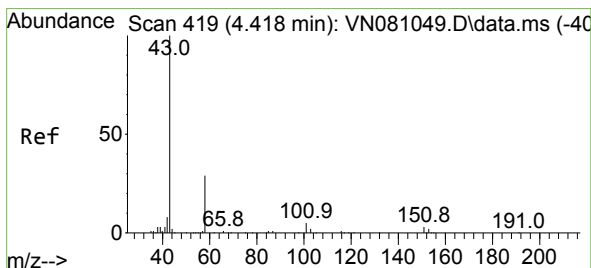
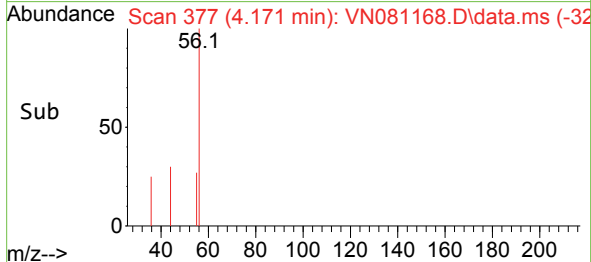
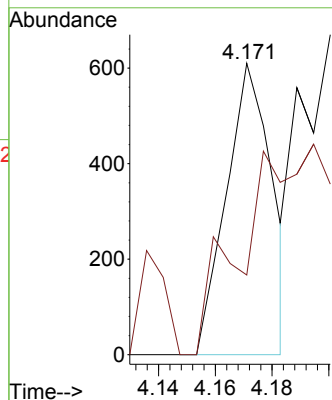
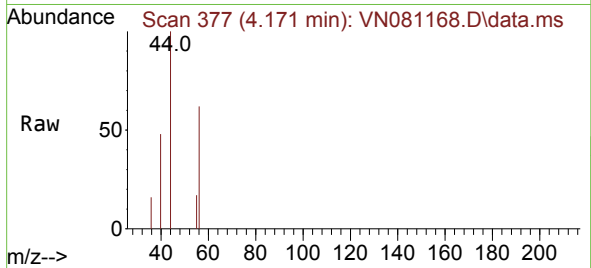




#13
Acrolein
Concen: 2.040 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN081168.D
Acq: 23 Feb 2024 18:57

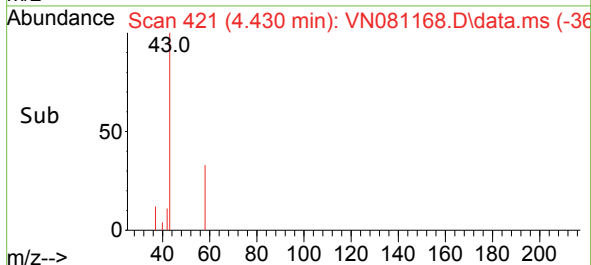
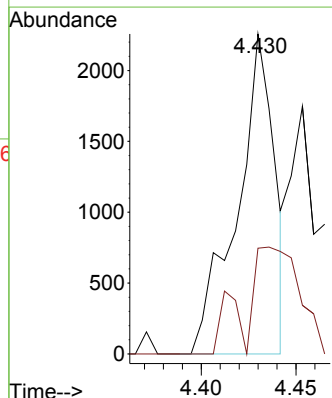
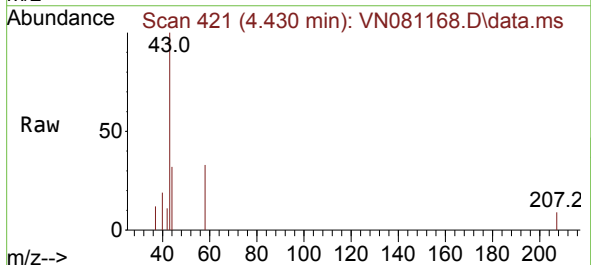
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-EB-20240222

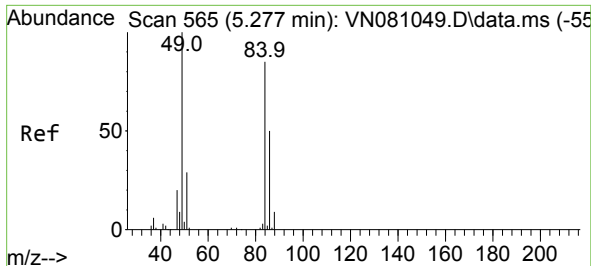
Tgt Ion: 56 Resp: 681
Ion Ratio Lower Upper
56 100
55 0.0 55.3 82.9#



#16
Acetone
Concen: 2.334 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN081168.D
Acq: 23 Feb 2024 18:57

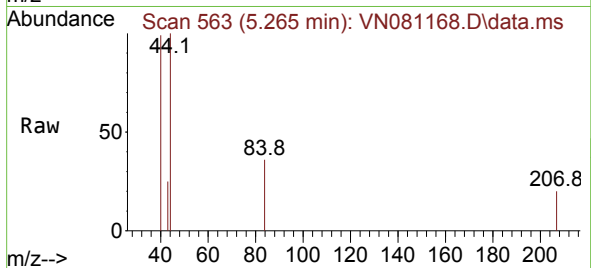
Tgt Ion: 43 Resp: 3111
Ion Ratio Lower Upper
43 100
58 33.0 24.8 37.2



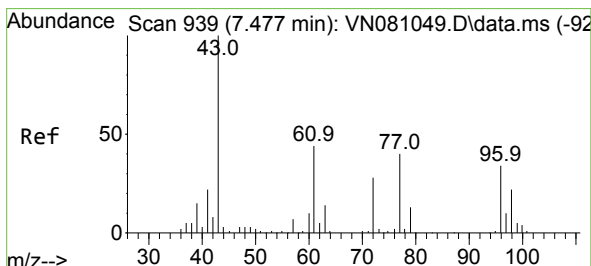
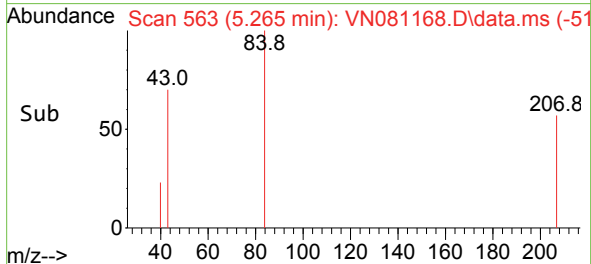
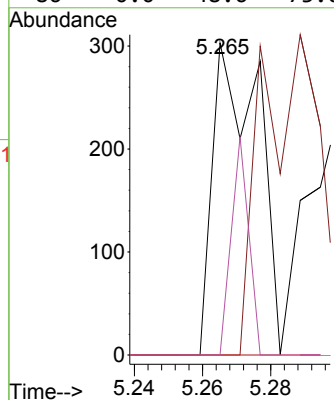


#20
Methylene Chloride
Concen: Below Cal
RT: 5.265 min Scan# 50
Delta R.T. -0.012 min
Lab File: VN081168.D
Acq: 23 Feb 2024 18:57

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

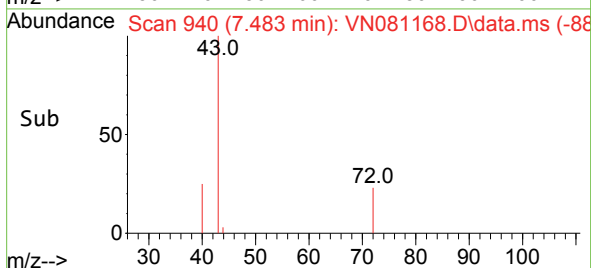
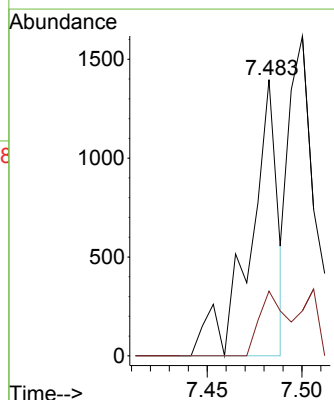
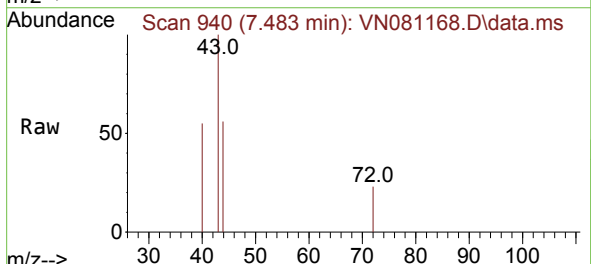


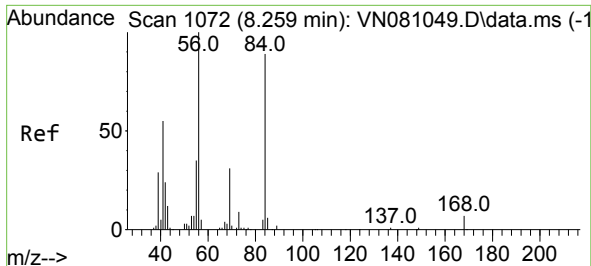
Tgt Ion:	84	Resp:	282
Ion	Ratio	Lower	Upper
84	100		
49	0.0	108.1	162.1#
51	0.0	32.9	49.3#
86	0.0	48.6	73.0#



#25
2-Butanone
Concen: 0.660 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081168.D
Acq: 23 Feb 2024 18:57

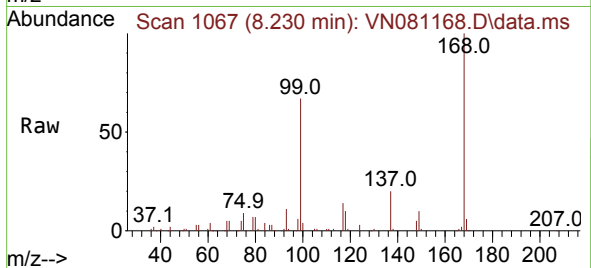
Tgt Ion:	43	Resp:	1420
Ion	Ratio	Lower	Upper
43	100		
72	23.4	19.5	29.3



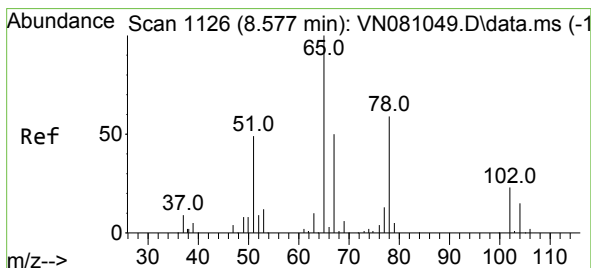
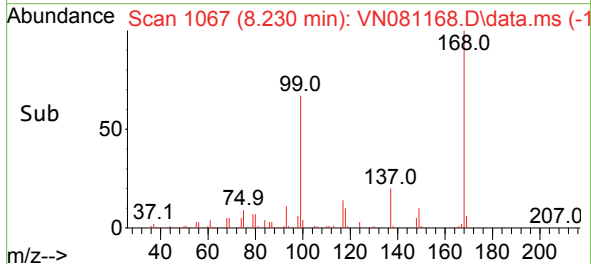
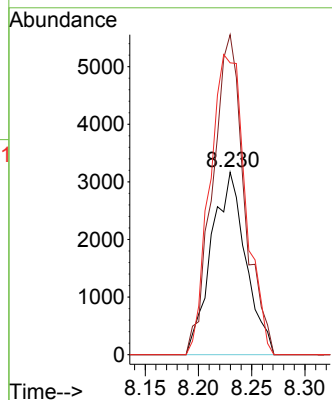


#31
Cyclohexane
Concen: 1.216 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN081168.D
Acq: 23 Feb 2024 18:57

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

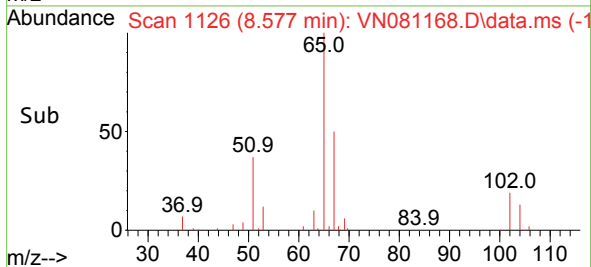
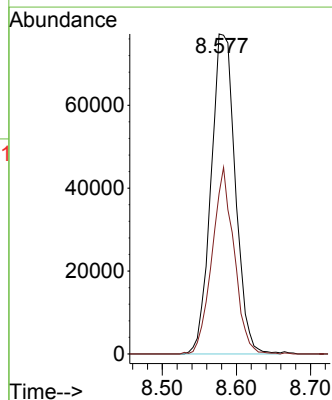
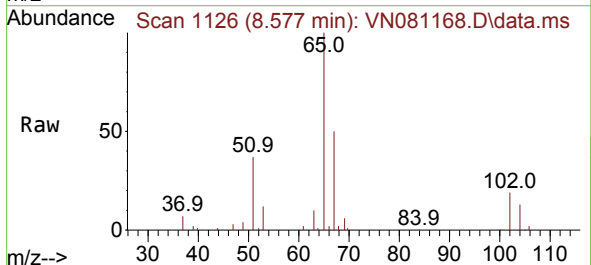


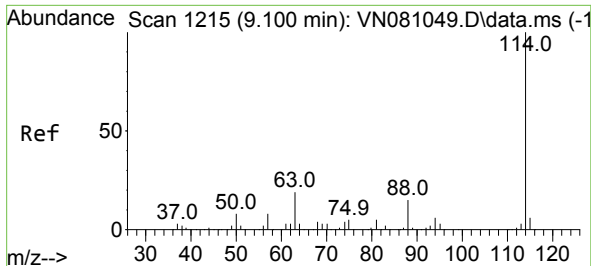
Tgt Ion: 56 Resp: 7112
Ion Ratio Lower Upper
56 100
69 175.5 20.1 30.1#
84 160.1 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 51.955 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081168.D
Acq: 23 Feb 2024 18:57

Tgt Ion: 65 Resp: 175961
Ion Ratio Lower Upper
65 100
67 52.7 0.0 102.4

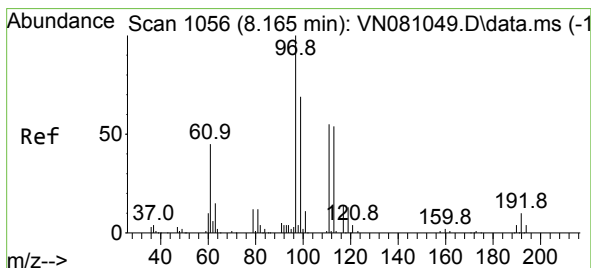
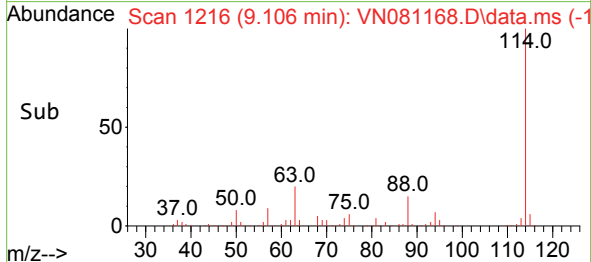
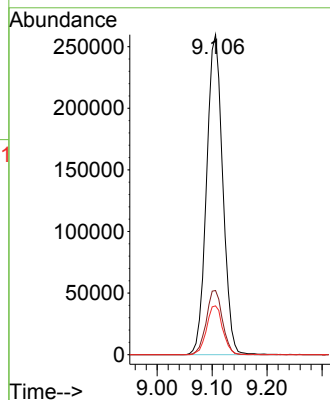
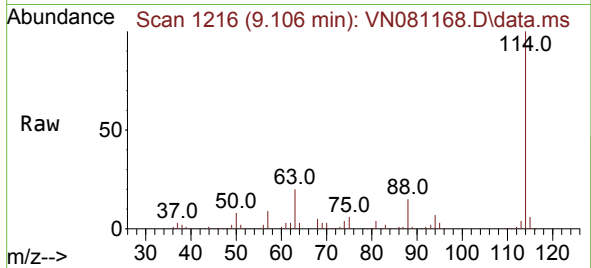




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081168.D
Acq: 23 Feb 2024 18:57

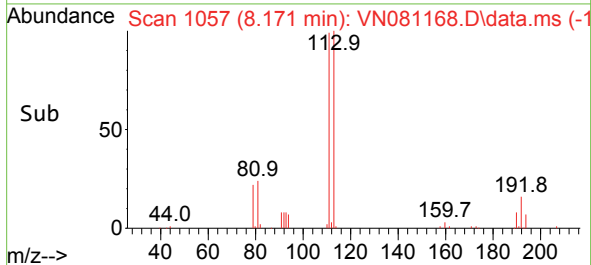
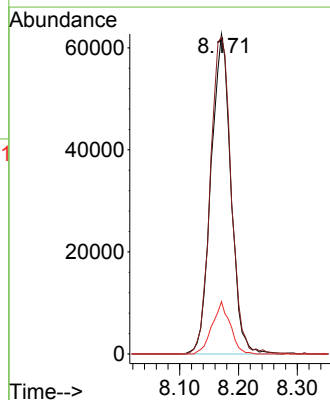
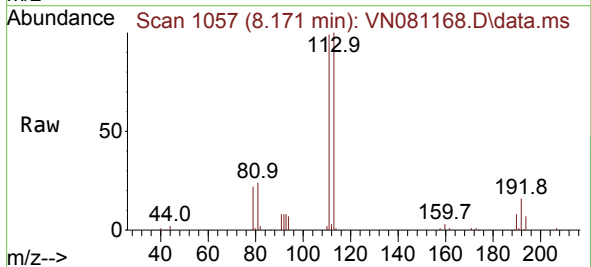
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-EB-20240222

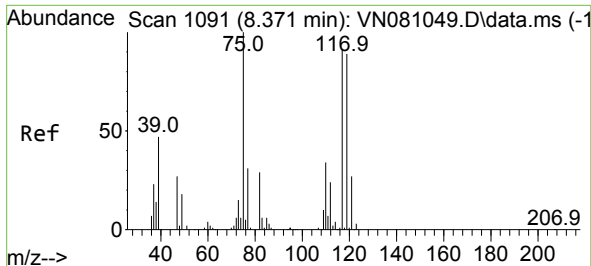
Tgt Ion:114 Resp: 529397
Ion Ratio Lower Upper
114 100
63 20.1 0.0 48.0
88 15.3 0.0 34.8



#35
Dibromofluoromethane
Concen: 49.141 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081168.D
Acq: 23 Feb 2024 18:57

Tgt Ion:113 Resp: 147107
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.4
192 14.8 12.5 18.7

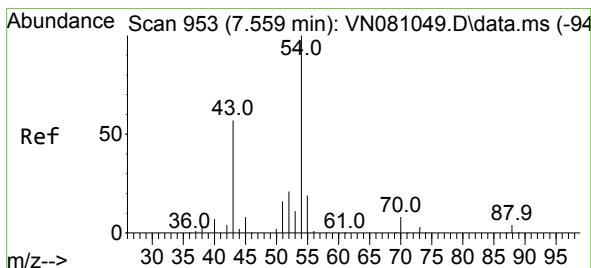
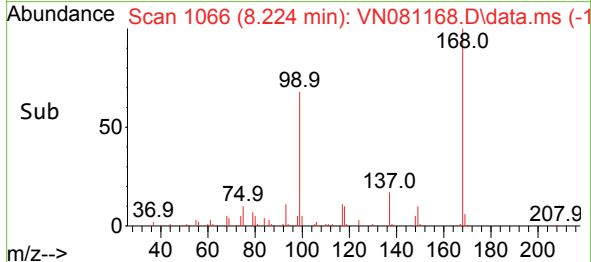
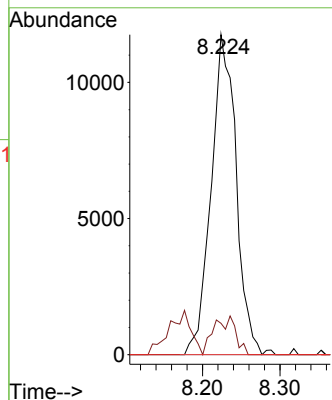
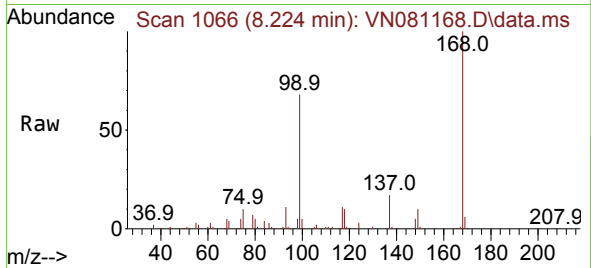




#36
1,1-Dichloropropene
Concen: 5.157 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081168.D
Acq: 23 Feb 2024 18:57

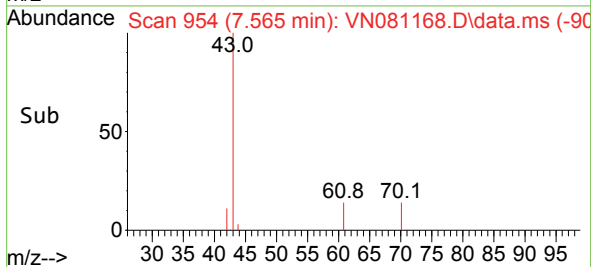
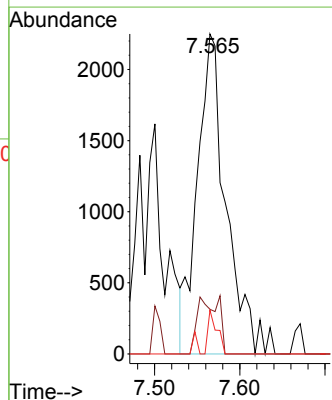
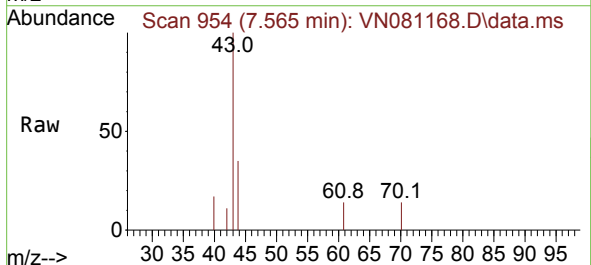
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-EB-20240222

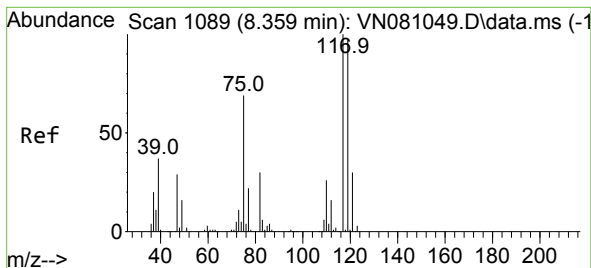
Tgt Ion: 75 Resp: 26450
Ion Ratio Lower Upper
75 100
110 10.5 16.0 48.0#
77 0.0 25.8 38.6#



#37
Ethyl Acetate
Concen: 1.142 ug/l
RT: 7.565 min Scan# 954
Delta R.T. 0.006 min
Lab File: VN081168.D
Acq: 23 Feb 2024 18:57

Tgt Ion: 43 Resp: 5288
Ion Ratio Lower Upper
43 100
61 13.0 10.6 15.8
70 4.3 8.0 12.0#





#38

Carbon Tetrachloride

Concen: 6.291 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.129 min

Lab File: VN081168.D

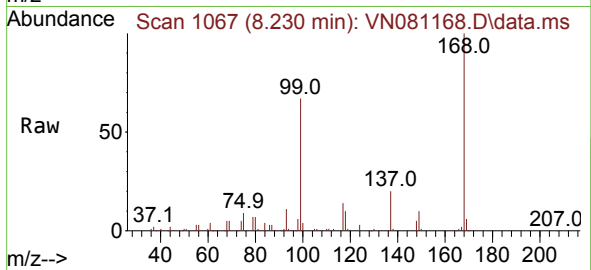
Acq: 23 Feb 2024 18:57

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-195-EB-20240222



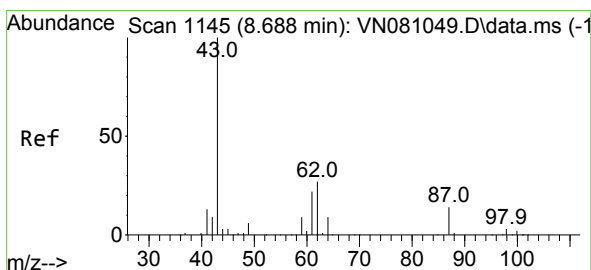
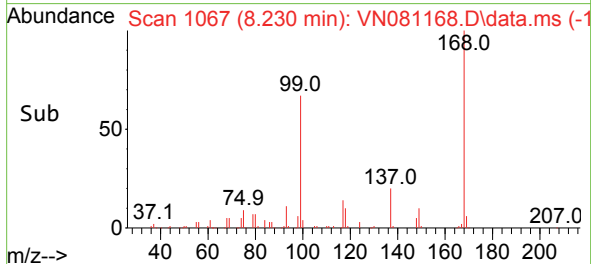
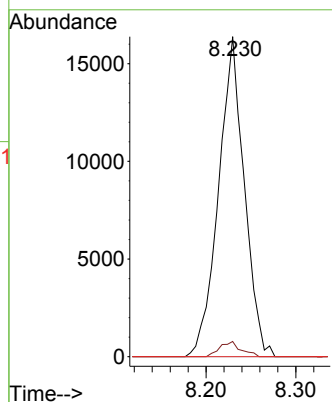
Tgt Ion:117 Resp: 32642

Ion Ratio Lower Upper

117 100

119 4.7 73.4 110.2#

121 0.0 24.4 36.6#



#43

Isopropyl Acetate

Concen: 0.389 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN081168.D

Acq: 23 Feb 2024 18:57

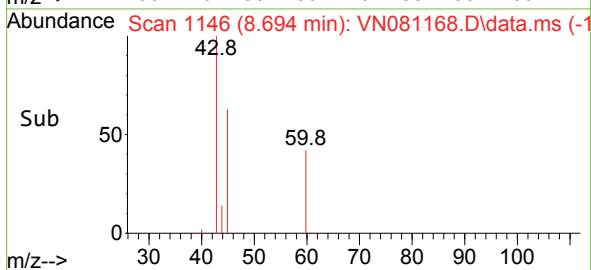
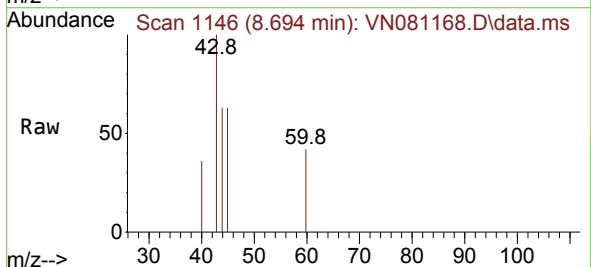
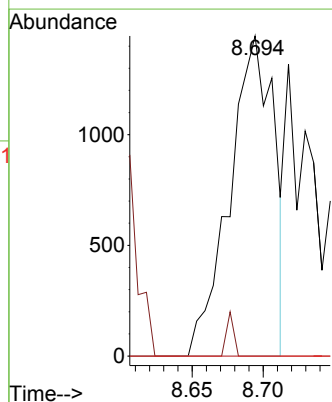
Tgt Ion: 43 Resp: 3147

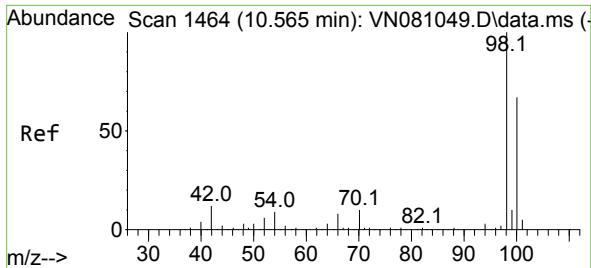
Ion Ratio Lower Upper

43 100

61 0.0 19.9 29.9#

87 0.0 9.0 13.6#

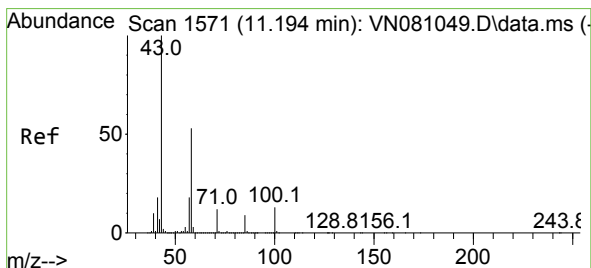
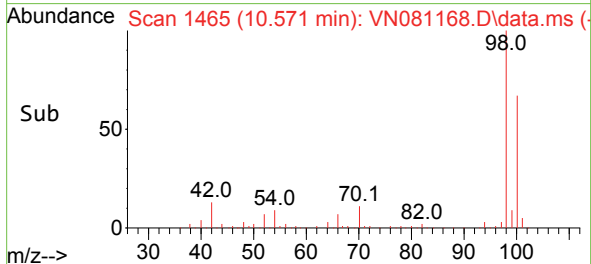
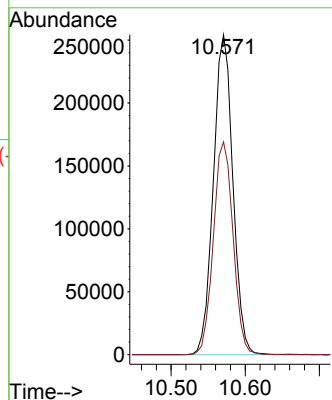
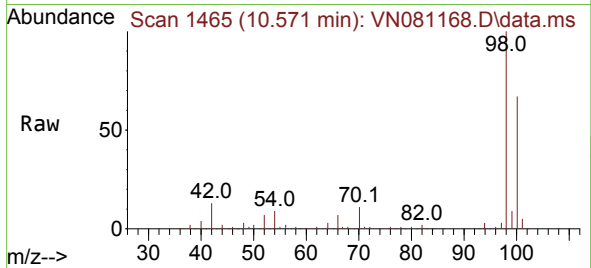




#50
Toluene-d8
Concen: 43.685 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081168.D
Acq: 23 Feb 2024 18:57

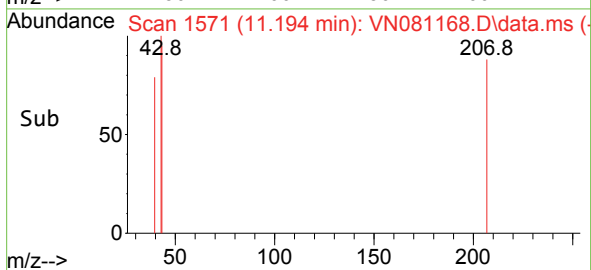
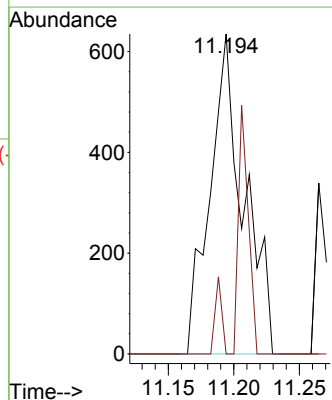
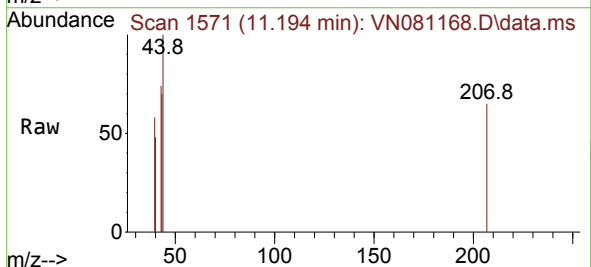
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-EB-20240222

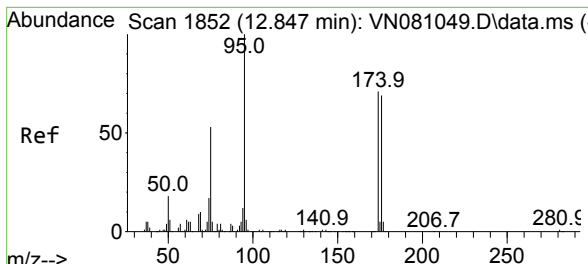
Tgt Ion: 98 Resp: 464478
Ion Ratio Lower Upper
98 100
100 67.2 51.4 77.0



#59
2-Hexanone
Concen: 0.309 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN081168.D
Acq: 23 Feb 2024 18:57

Tgt Ion: 43 Resp: 1140
Ion Ratio Lower Upper
43 100
58 27.5 25.9 77.8

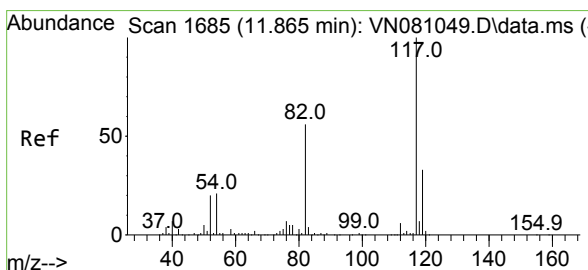
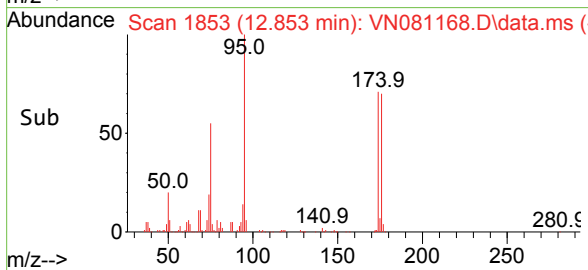
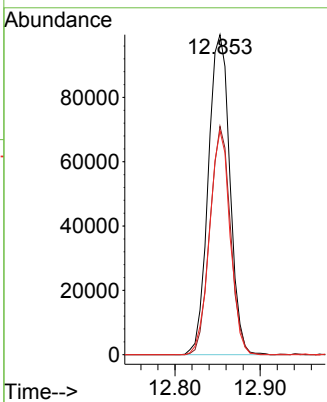
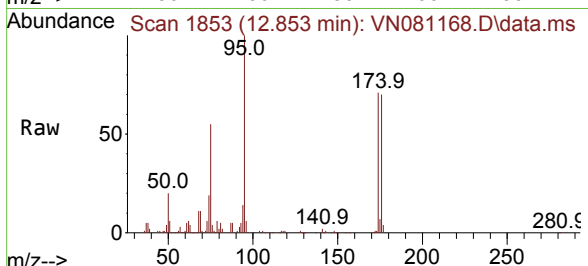




#62
4-Bromofluorobenzene
Concen: 43.861 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081168.D
Acq: 23 Feb 2024 18:57

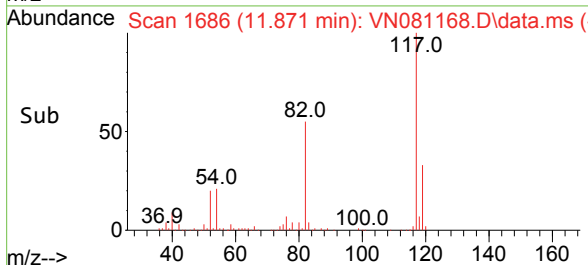
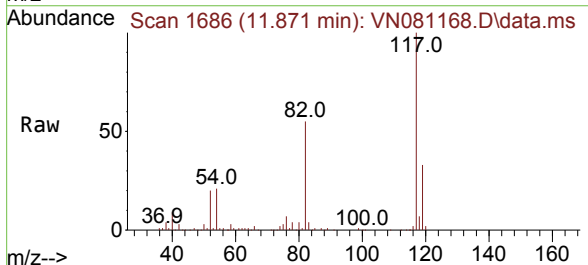
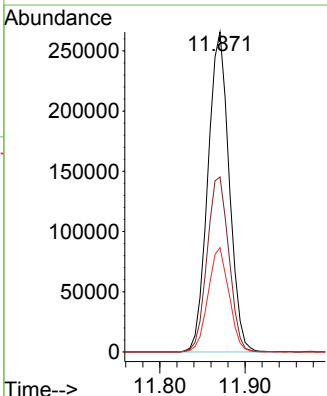
Instrument : MSVOA_N
ClientSampleId : BP-VPB-195-EB-20240222

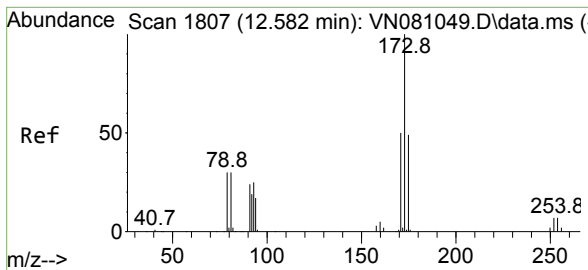
Tgt Ion:	95	Resp:	175230
Ion	Ratio	Lower	Upper
95	100		
174	68.0	0.0	120.4
176	66.8	0.0	121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081168.D
Acq: 23 Feb 2024 18:57

Tgt Ion:	117	Resp:	461351
Ion	Ratio	Lower	Upper
117	100		
82	54.7	52.7	79.1
119	32.6	25.3	37.9





#71

Bromoform

Concen: 0.369 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.265 min

Lab File: VN081168.D

Acq: 23 Feb 2024 18:57

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-195-EB-20240222

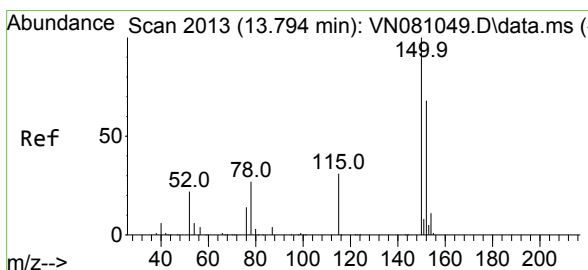
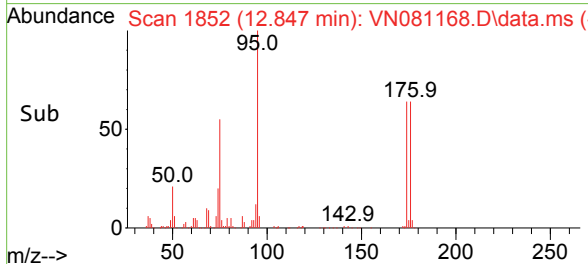
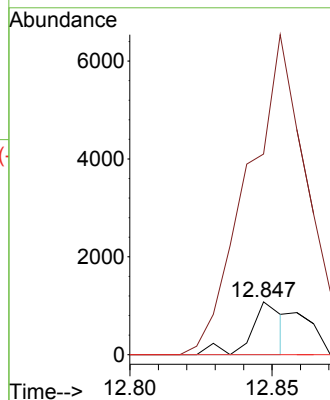
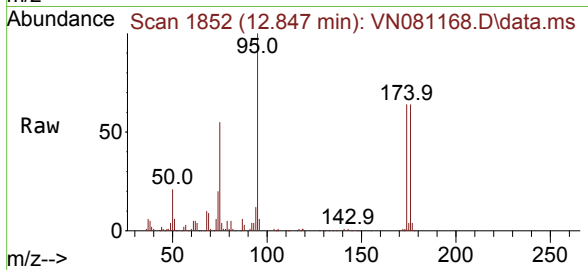
Tgt Ion:173 Resp: 839

Ion Ratio Lower Upper

173 100

175 940.4 23.1 69.2#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN081168.D

Acq: 23 Feb 2024 18:57

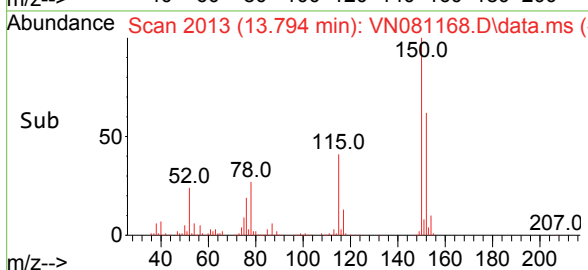
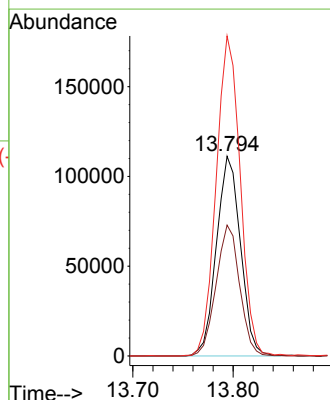
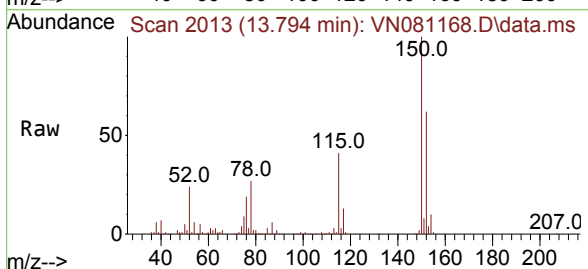
Tgt Ion:152 Resp: 185261

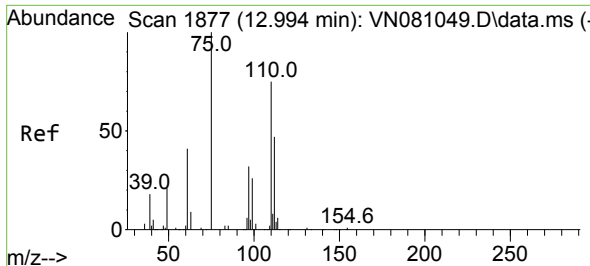
Ion Ratio Lower Upper

152 100

115 64.3 32.3 96.8

150 160.1 0.0 339.8

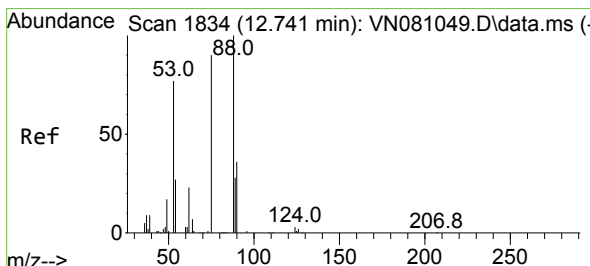
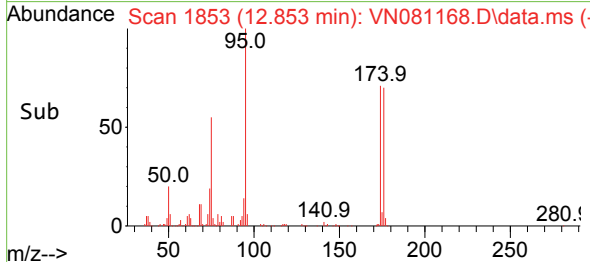
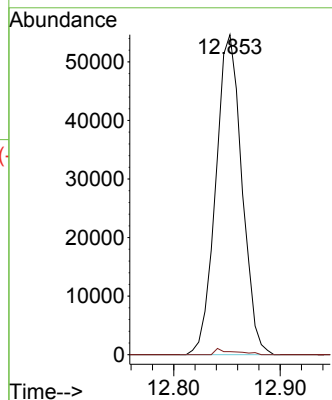
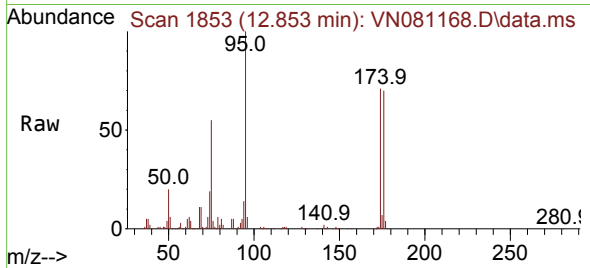




#76
1,2,3-Trichloropropane
Concen: 22.133 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN081168.D
Acq: 23 Feb 2024 18:57

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

Tgt Ion: 75 Resp: 93162
Ion Ratio Lower Upper
75 100
77 1.4 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.968 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN081168.D
Acq: 23 Feb 2024 18:57

Tgt Ion: 75 Resp: 93162
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#

