

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071624\
 Data File : VN082938.D
 Acq On : 16 Jul 2024 16:20
 Operator : JC\MD
 Sample : P3256-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-TB-20240712

Quant Time: Jul 17 00:57:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

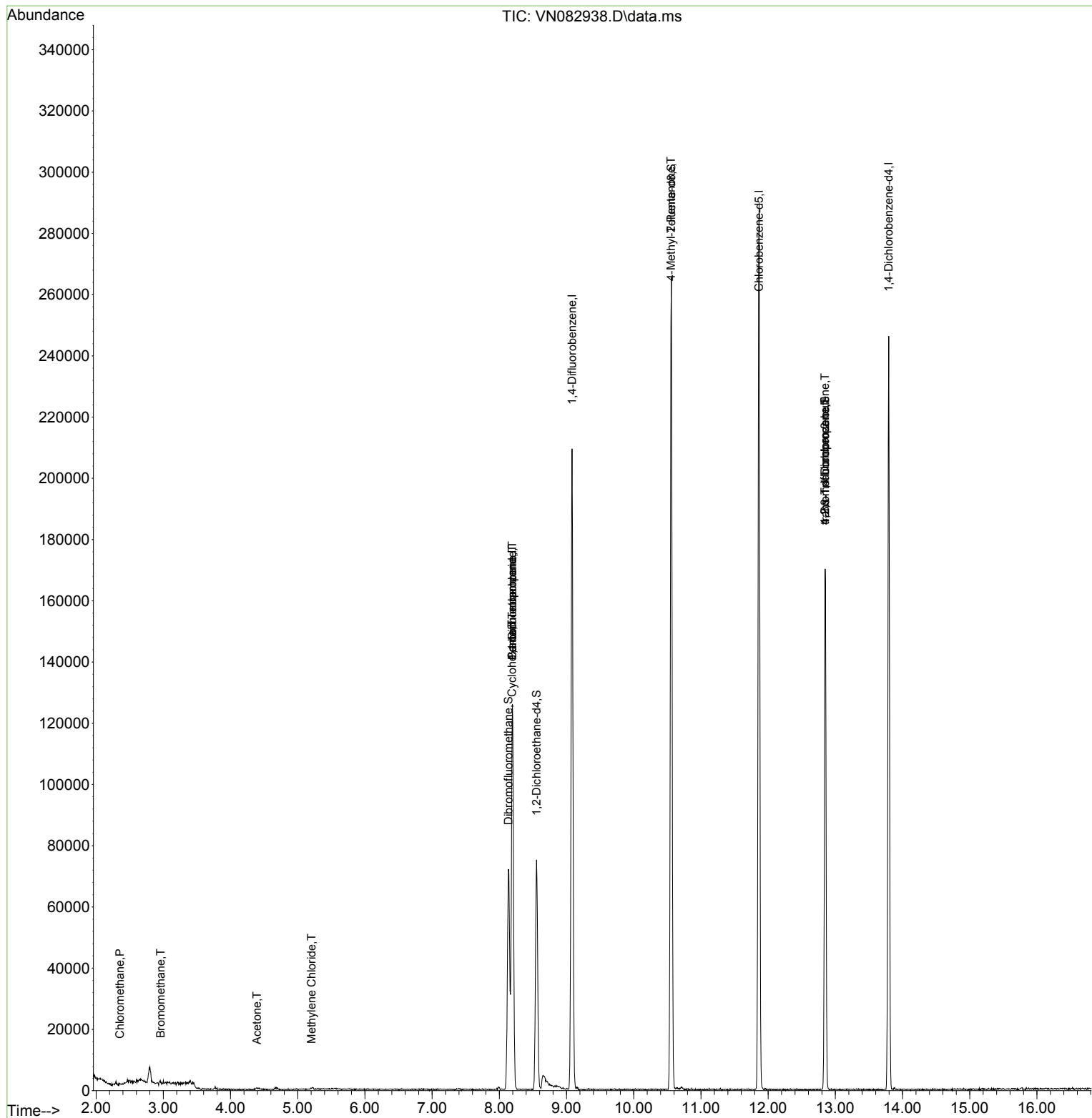
Internal Standards						
1) Pentafluorobenzene	8.194	168	88673	50.000	ug/l	-0.03
34) 1,4-Difluorobenzene	9.083	114	171973	50.000	ug/l	-0.02
63) Chlorobenzene-d5	11.865	117	163004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	62031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.553	65	62141	49.992	ug/l	-0.03
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.980%
35) Dibromofluoromethane	8.136	113	52061	47.178	ug/l	-0.03
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.360%
50) Toluene-d8	10.559	98	178241	43.732	ug/l	-0.01
Spiked Amount	50.000	Range	86 - 113	Recovery	=	87.460%
62) 4-Bromofluorobenzene	12.847	95	53009	36.207	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	72.420%
Target Compounds						
					Qvalue	
3) Chloromethane	2.354	50	262	0.241	ug/l #	43
5) Bromomethane	2.959	94	315	0.382	ug/l #	1
16) Acetone	4.395	43	804	1.837	ug/l #	48
20) Methylene Chloride	5.206	84	409	0.387	ug/l #	1
31) Cyclohexane	8.188	56	2359	1.452	ug/l #	33
36) 1,1-Dichloropropene	8.194	75	7978	5.244	ug/l #	49
38) Carbon Tetrachloride	8.194	117	9681	5.285	ug/l #	19
43) Isopropyl Acetate	8.653	43	3303	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.553	43	724	0.471	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	31271	29.240	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	31271	57.507	ug/l #	6

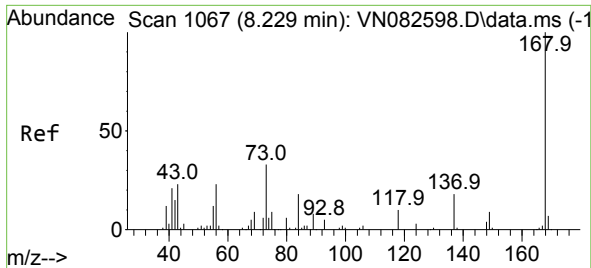
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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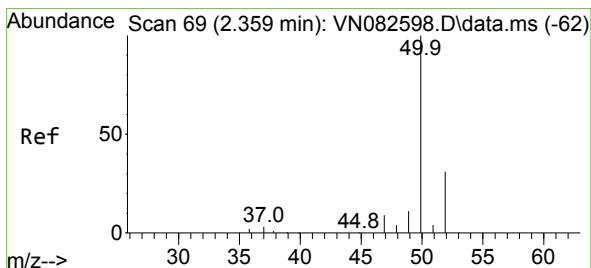
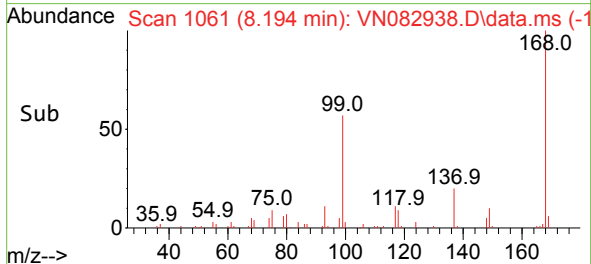
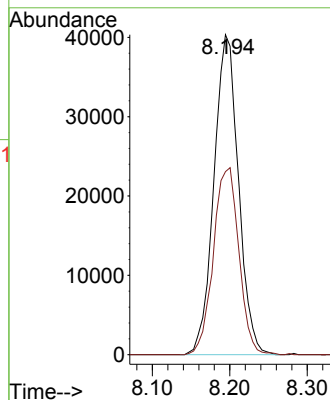
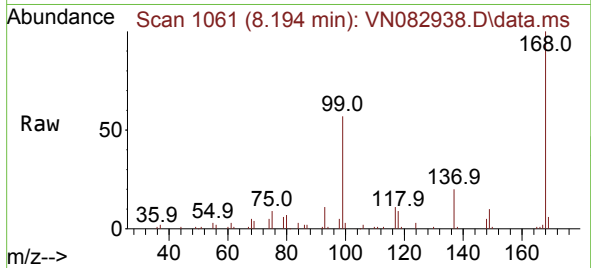




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.194 min Scan# 10
Delta R.T. -0.035 min
Lab File: VN082938.D
Acq: 16 Jul 2024 16:20

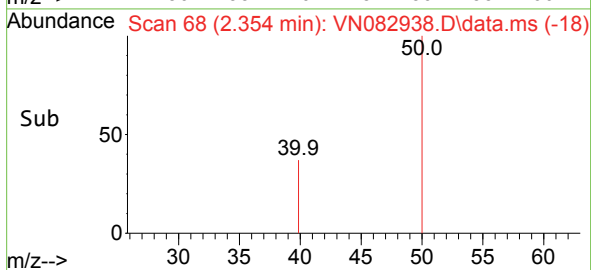
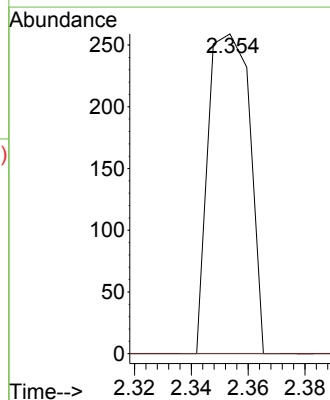
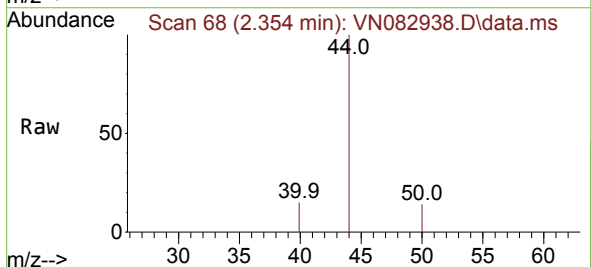
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-TB-20240712

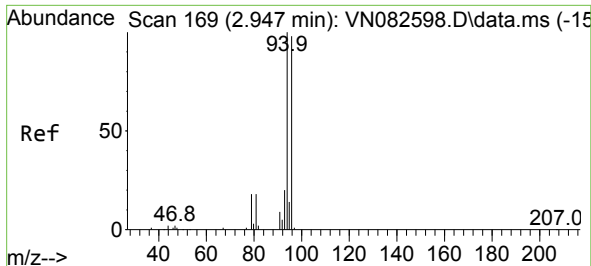
Tgt Ion:168 Resp: 88673
Ion Ratio Lower Upper
168 100
99 57.2 48.2 72.4



#3
Chloromethane
Concen: 0.241 ug/l
RT: 2.354 min Scan# 68
Delta R.T. -0.005 min
Lab File: VN082938.D
Acq: 16 Jul 2024 16:20

Tgt Ion: 50 Resp: 262
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

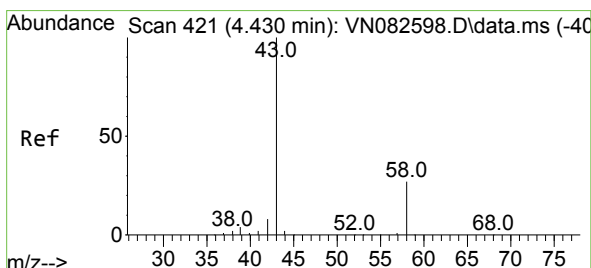
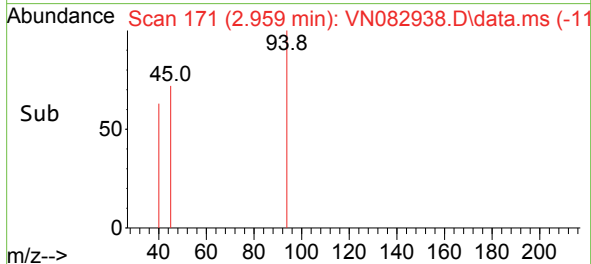
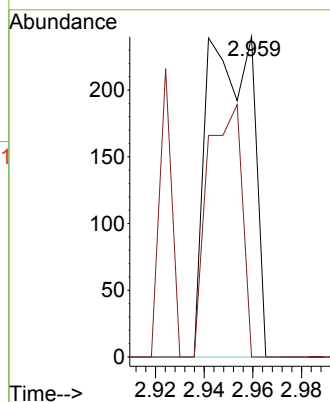
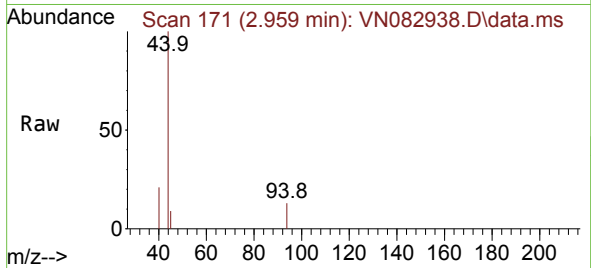




#5
Bromomethane
Concen: 0.382 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN082938.D
Acq: 16 Jul 2024 16:20

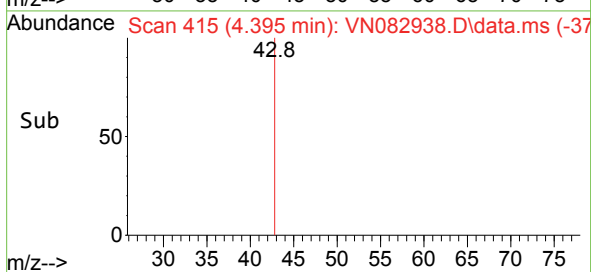
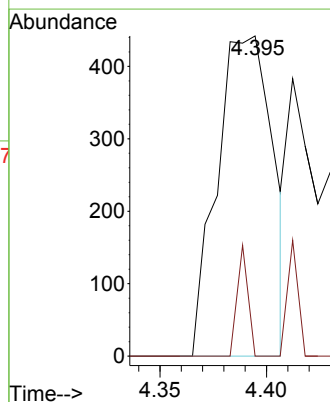
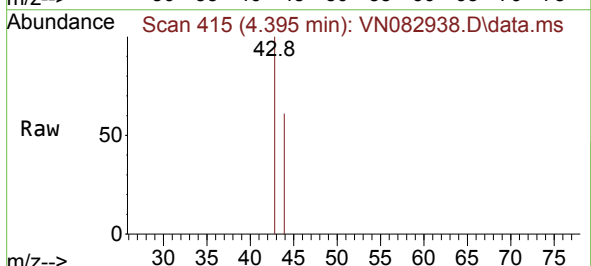
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-TB-20240712

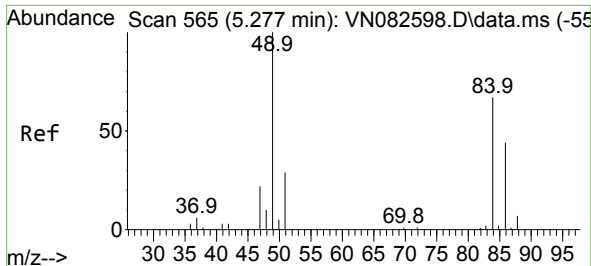
Tgt Ion: 94 Resp: 315
Ion Ratio Lower Upper
94 100
96 0.0 78.0 117.0#



#16
Acetone
Concen: 1.837 ug/l
RT: 4.395 min Scan# 415
Delta R.T. -0.035 min
Lab File: VN082938.D
Acq: 16 Jul 2024 16:20

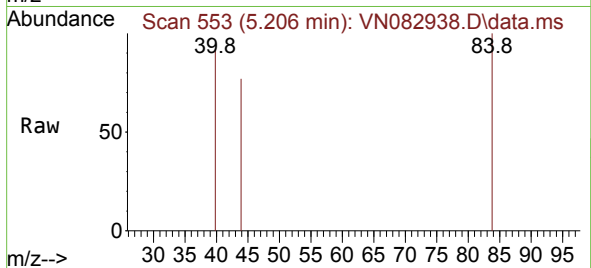
Tgt Ion: 43 Resp: 804
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



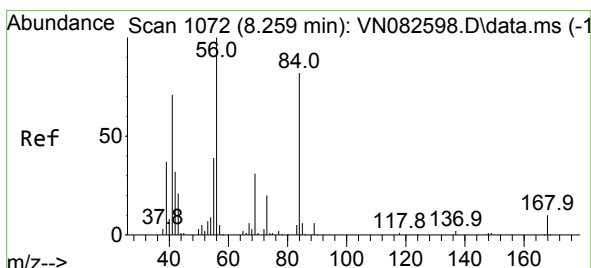
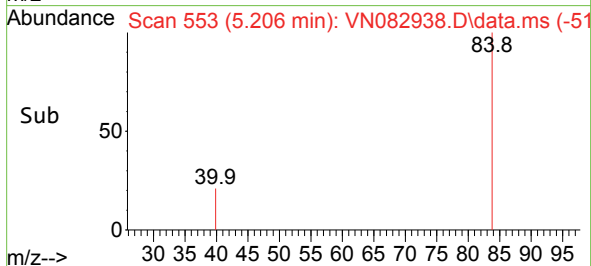
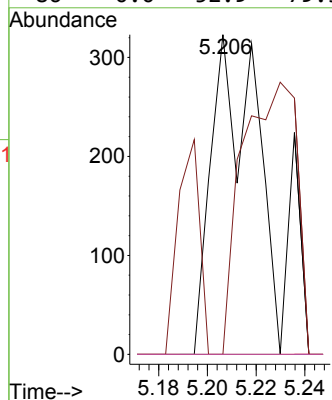


#20
Methylene Chloride
Concen: 0.387 ug/l
RT: 5.206 min Scan# 51
Delta R.T. -0.071 min
Lab File: VN082938.D
Acq: 16 Jul 2024 16:20

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-TB-20240712

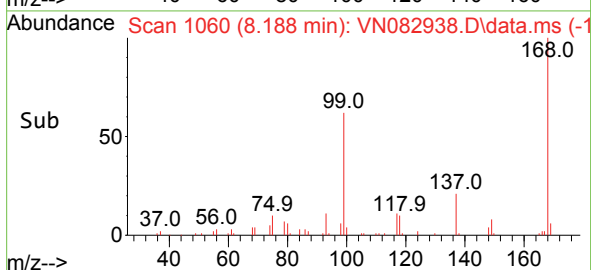
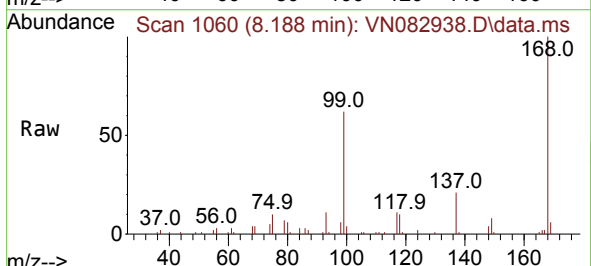
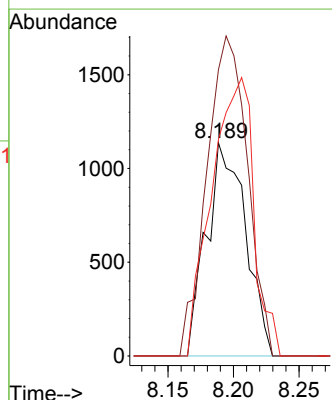


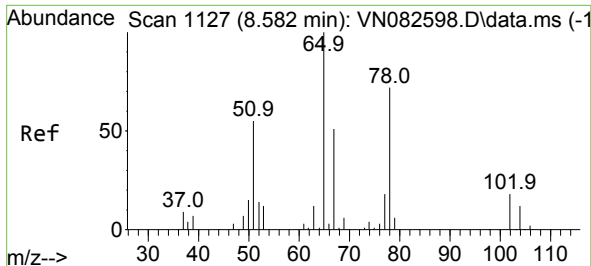
Tgt Ion: 84	Resp: 409
Ion Ratio	Lower Upper
84 100	
49 0.0	119.6 179.4#
51 0.0	34.8 52.2#
86 0.0	52.9 79.3#



#31
Cyclohexane
Concen: 1.452 ug/l
RT: 8.188 min Scan# 1060
Delta R.T. -0.071 min
Lab File: VN082938.D
Acq: 16 Jul 2024 16:20

Tgt Ion: 56	Resp:	2359	
Ion	Ratio	Lower	Upper
56	100		
69	134.2	24.5	36.7#
84	101.6	66.0	99.0#

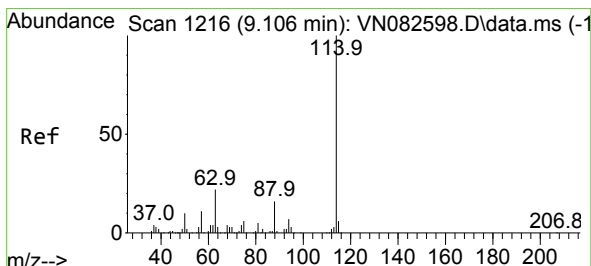
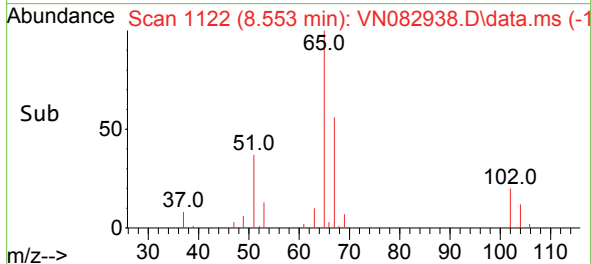
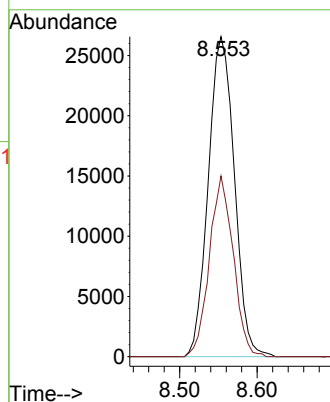
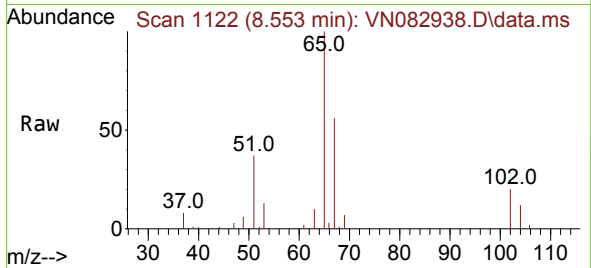




#33
 1,2-Dichloroethane-d4
 Concen: 49.992 ug/l
 RT: 8.553 min Scan# 1127
 Delta R.T. -0.029 min
 Lab File: VN082938.D
 Acq: 16 Jul 2024 16:20

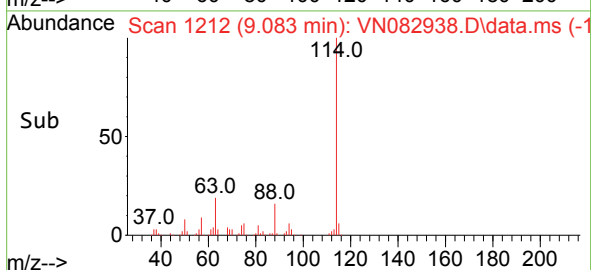
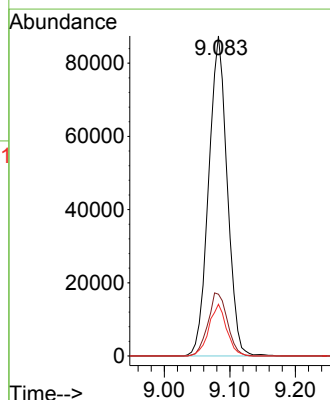
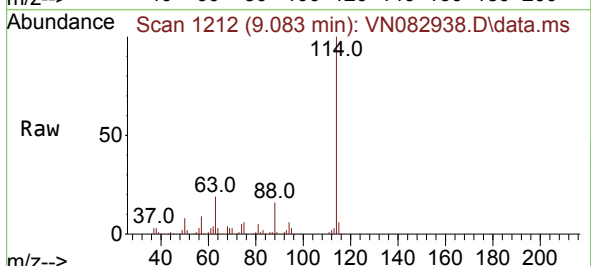
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-TB-20240712

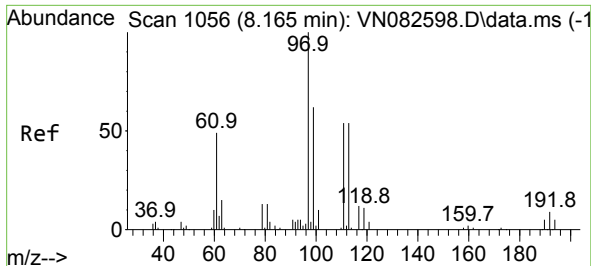
Tgt Ion: 65 Resp: 62141
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.083 min Scan# 1212
 Delta R.T. -0.023 min
 Lab File: VN082938.D
 Acq: 16 Jul 2024 16:20

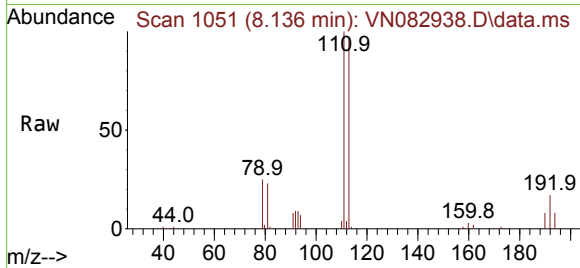
Tgt Ion: 114 Resp: 171973
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 44.6
 88 16.2 0.0 31.4



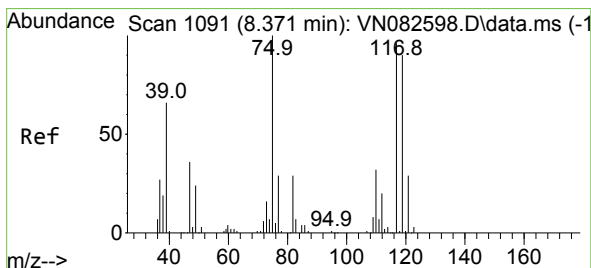
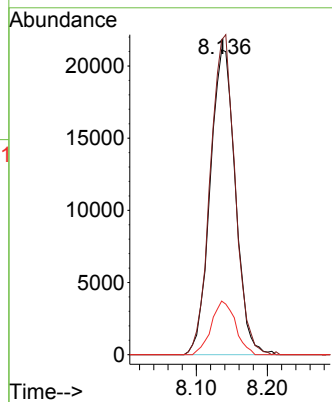
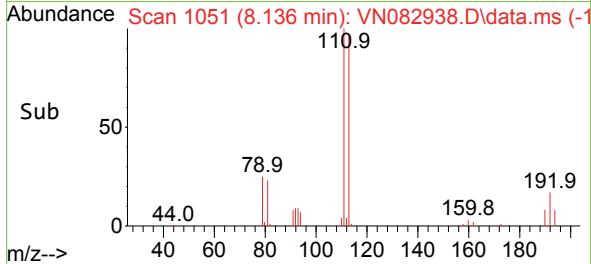


#35
Dibromofluoromethane
Concen: 47.178 ug/l
RT: 8.136 min Scan# 1061
Delta R.T. -0.029 min
Lab File: VN082938.D
Acq: 16 Jul 2024 16:20

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-TB-20240712

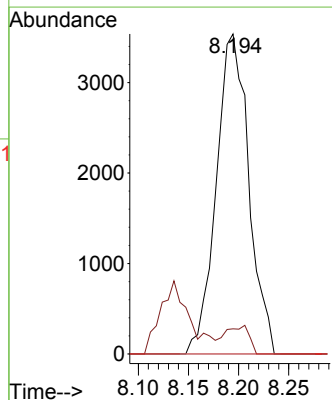
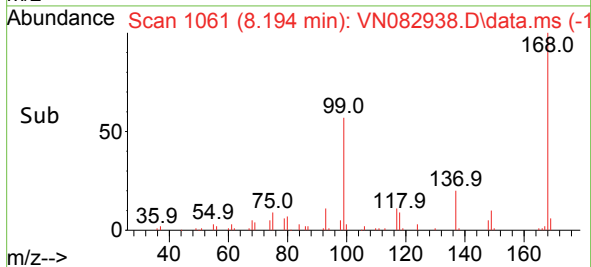
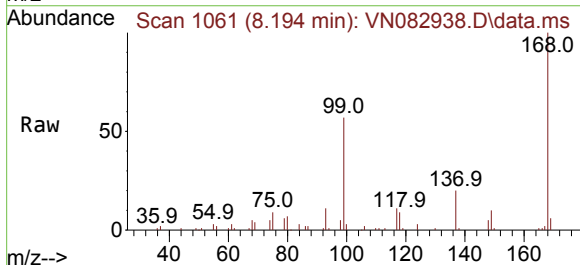


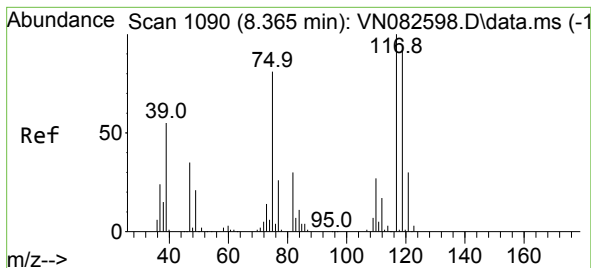
Tgt Ion:113 Resp: 52061
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 16.8 14.9 22.3



#36
1,1-Dichloropropene
Concen: 5.244 ug/l
RT: 8.194 min Scan# 1061
Delta R.T. -0.177 min
Lab File: VN082938.D
Acq: 16 Jul 2024 16:20

Tgt Ion: 75 Resp: 7978
Ion Ratio Lower Upper
75 100
110 6.6 16.3 48.9#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.285 ug/l

RT: 8.194 min Scan# 1109

Delta R.T. -0.171 min

Lab File: VN082938.D

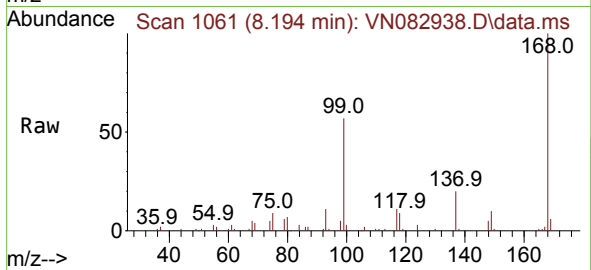
Acq: 16 Jul 2024 16:20

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-TB-20240712



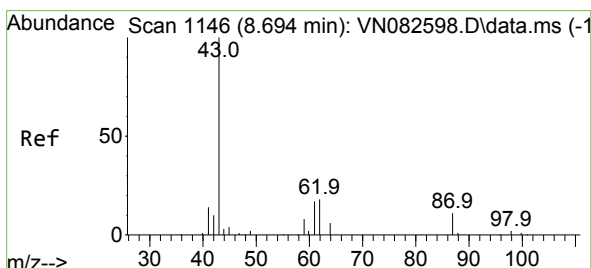
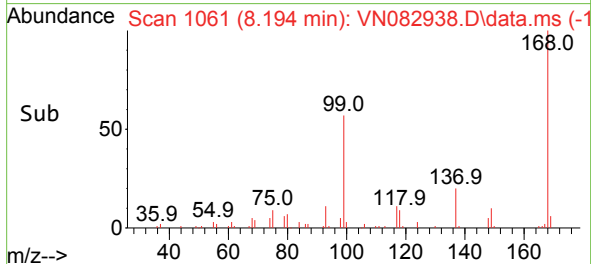
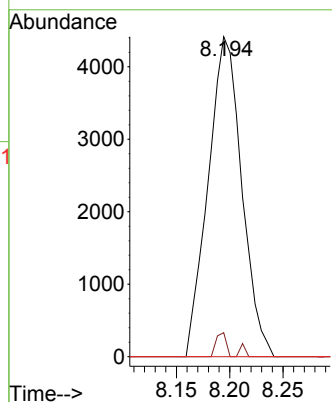
Tgt Ion:117 Resp: 9681

Ion Ratio Lower Upper

117 100

119 7.5 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.653 min Scan# 1139

Delta R.T. -0.041 min

Lab File: VN082938.D

Acq: 16 Jul 2024 16:20

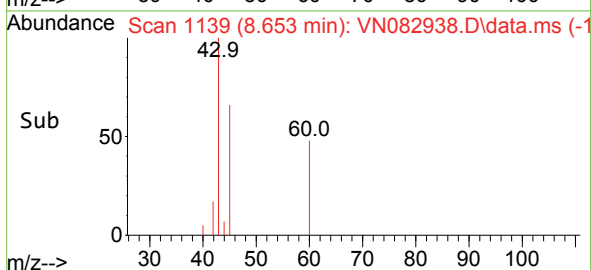
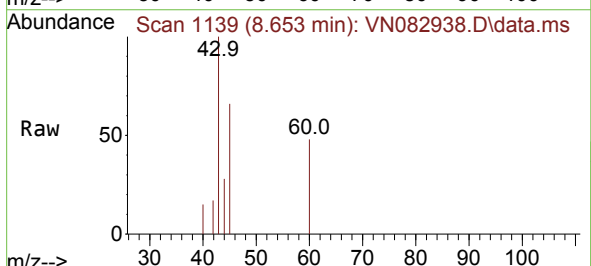
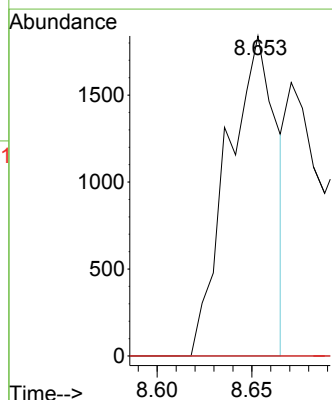
Tgt Ion: 43 Resp: 3303

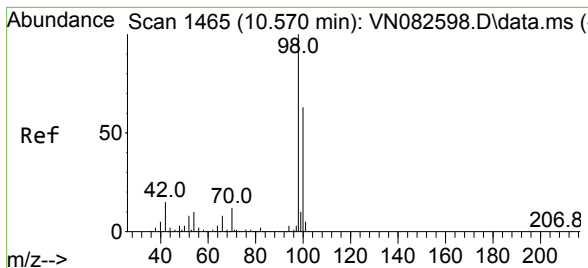
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#





#50

Toluene-d8

Concen: 43.732 ug/l

RT: 10.559 min Scan# 1463

Delta R.T. -0.011 min

Lab File: VN082938.D

Acq: 16 Jul 2024 16:20

Instrument :

MSVOA_N

ClientSampleId :

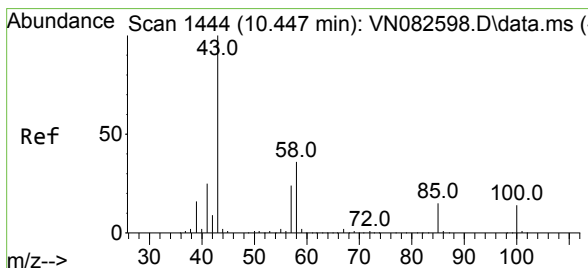
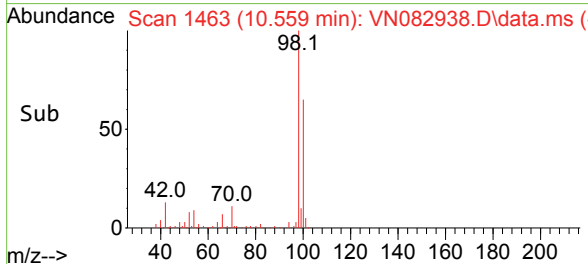
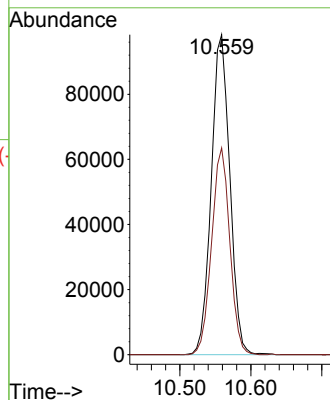
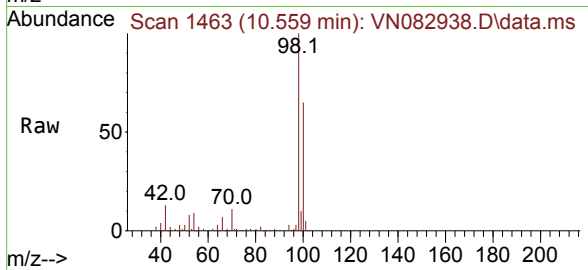
BP-VPB-189-TB-20240712

Tgt Ion: 98 Resp: 178241

Ion Ratio Lower Upper

98 100

100 63.3 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 0.471 ug/l

RT: 10.553 min Scan# 1462

Delta R.T. 0.106 min

Lab File: VN082938.D

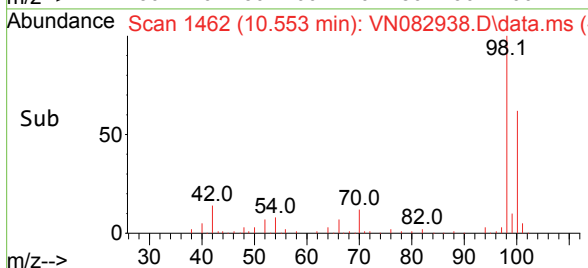
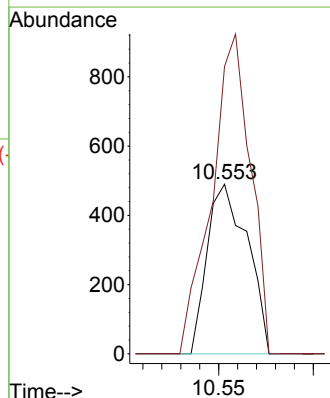
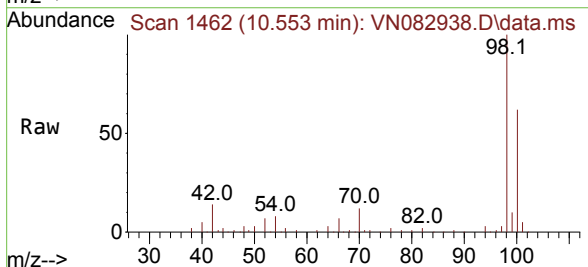
Acq: 16 Jul 2024 16:20

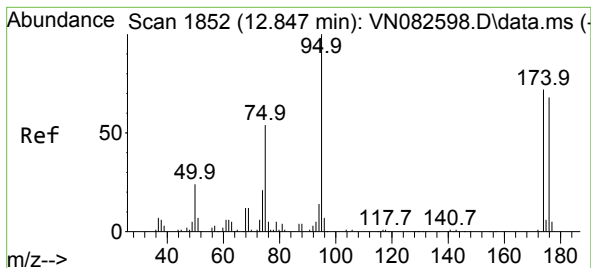
Tgt Ion: 43 Resp: 724

Ion Ratio Lower Upper

43 100

58 181.8 28.2 42.4#

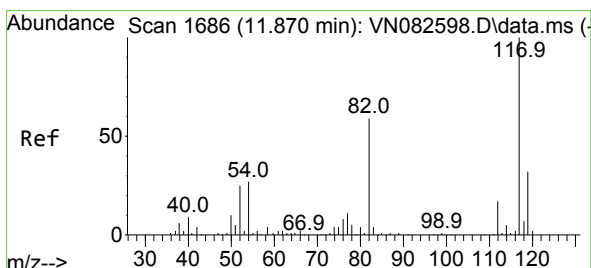
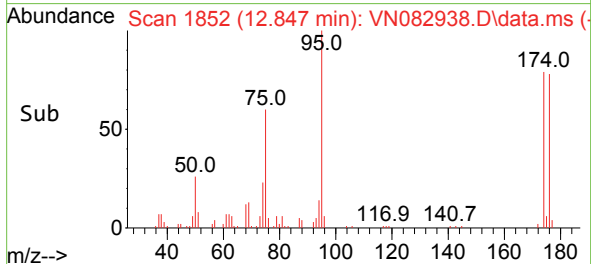
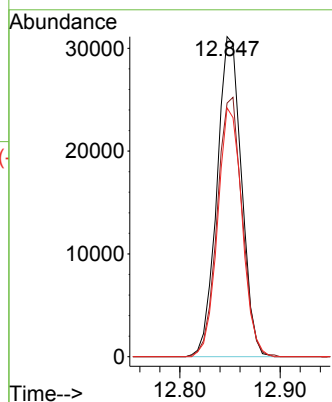
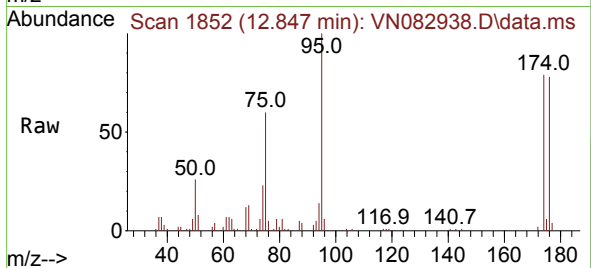




#62
4-Bromofluorobenzene
Concen: 36.207 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082938.D
Acq: 16 Jul 2024 16:20

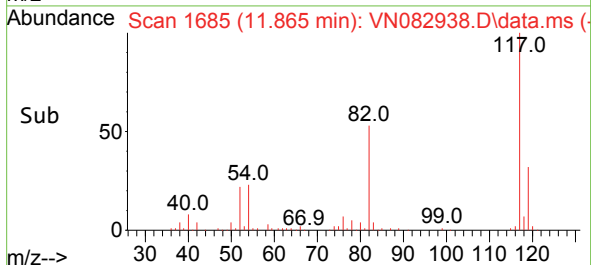
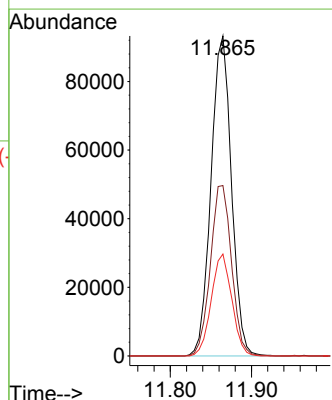
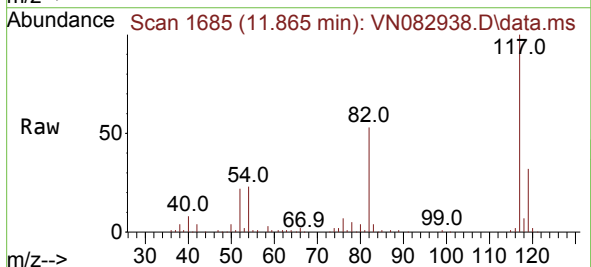
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-TB-20240712

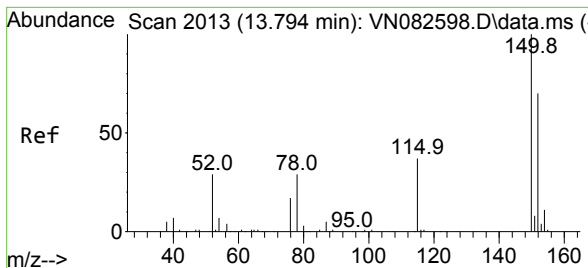
Tgt Ion: 95 Resp: 53009
Ion Ratio Lower Upper
95 100
174 82.4 0.0 159.2
176 77.4 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082938.D
Acq: 16 Jul 2024 16:20

Tgt Ion: 117 Resp: 163004
Ion Ratio Lower Upper
117 100
82 53.3 47.5 71.3
119 31.8 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN082938.D

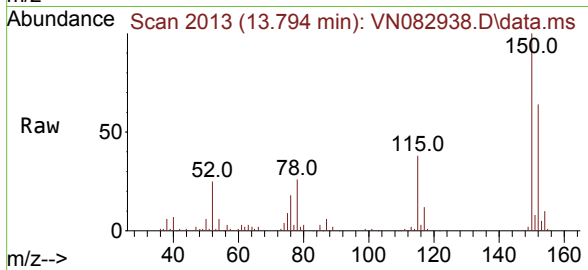
Acq: 16 Jul 2024 16:20

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-TB-20240712



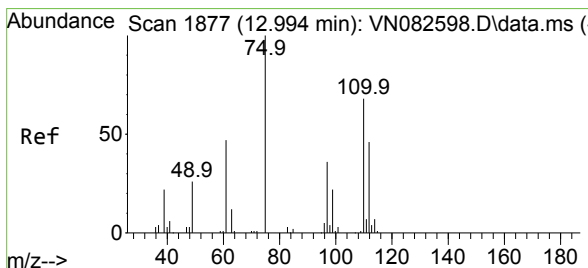
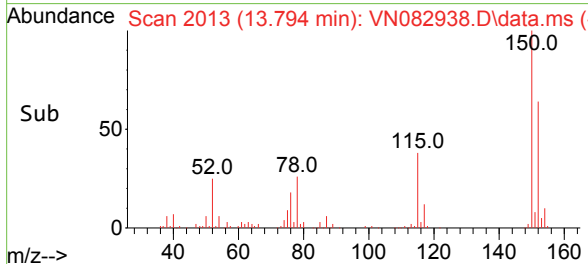
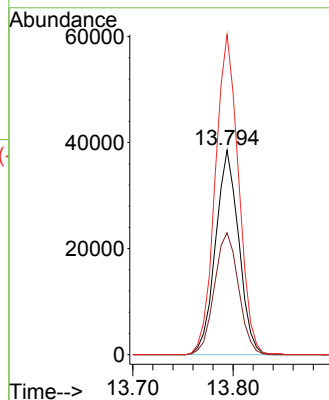
Tgt Ion:152 Resp: 62031

Ion Ratio Lower Upper

152 100

115 62.0 30.6 91.6

150 157.1 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 29.240 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN082938.D

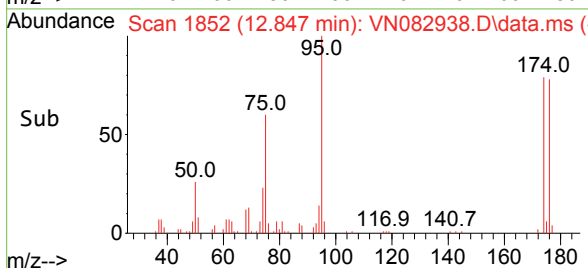
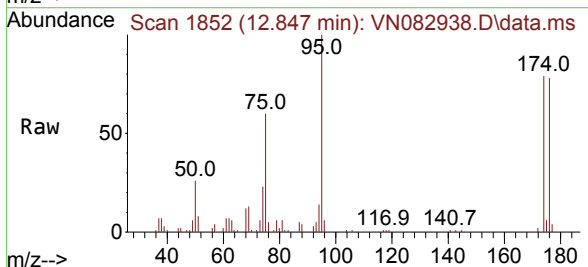
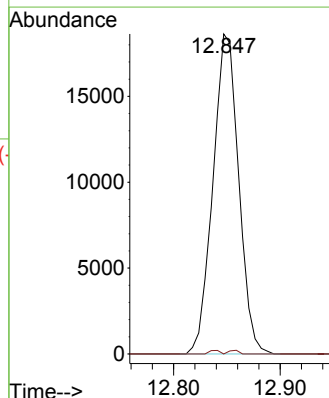
Acq: 16 Jul 2024 16:20

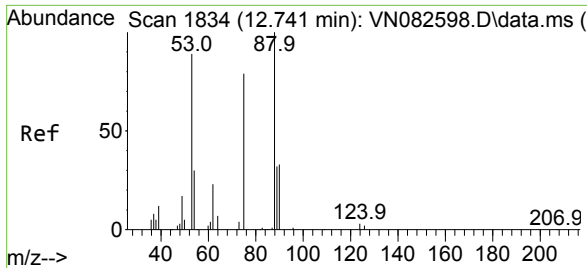
Tgt Ion: 75 Resp: 31271

Ion Ratio Lower Upper

75 100

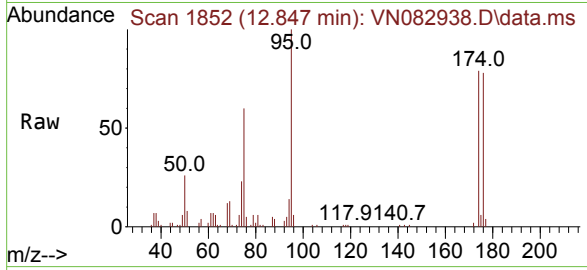
77 0.4 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.507 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN082938.D
 Acq: 16 Jul 2024 16:20

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-TB-20240712



Tgt Ion:	75	Resp:	31271
Ion	Ratio	Lower	Upper
75	100		
53	0.0	88.4	132.6#
89	0.0	36.3	54.5#

