

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061224\
 Data File : VN082541.D
 Acq On : 12 Jun 2024 20:12
 Operator : JC\MD
 Sample : P2840-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BPOW6-10-20240610

Quant Time: Jun 13 01:33:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

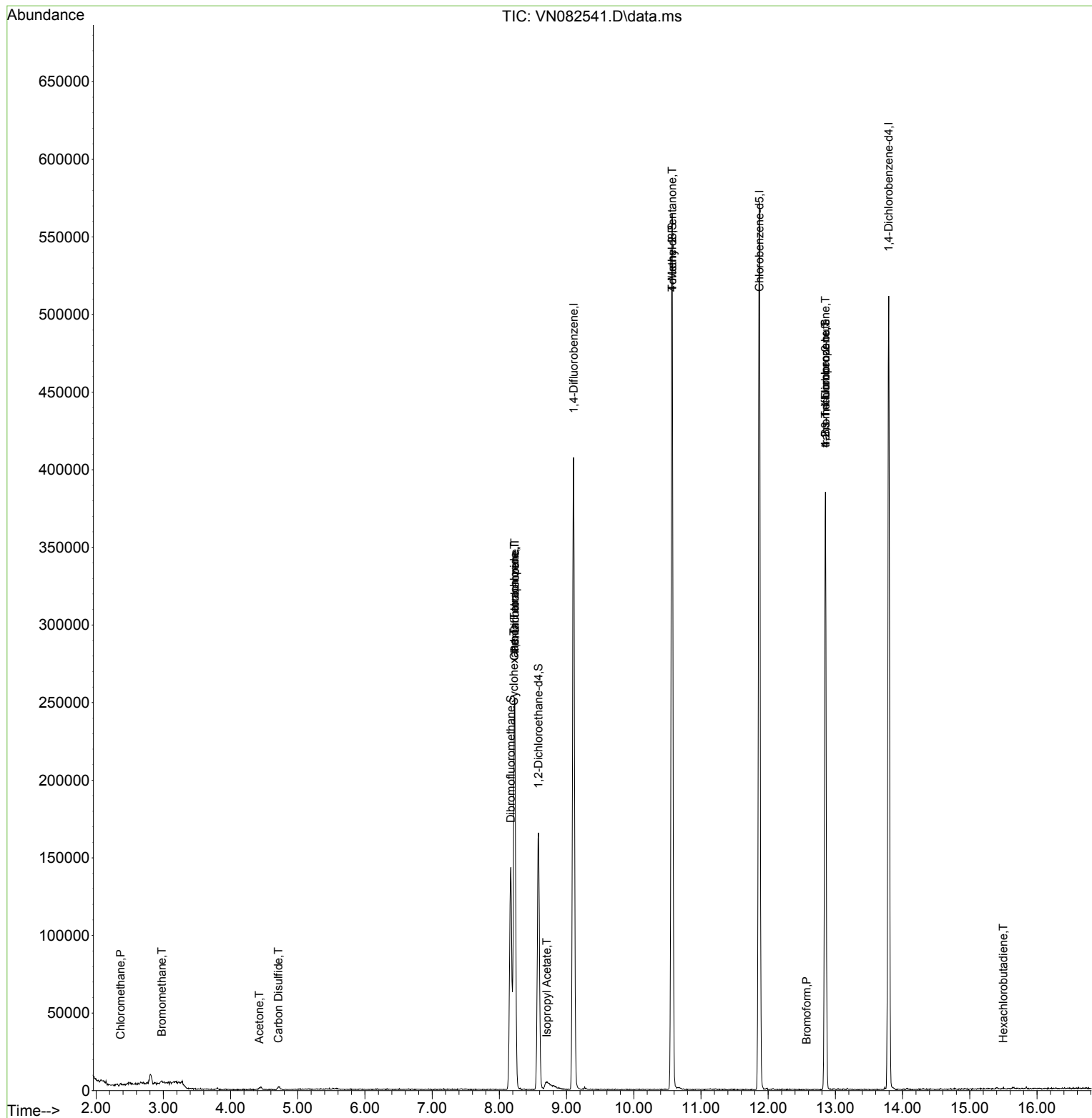
Internal Standards						
1) Pentafluorobenzene	8.230	168	175870	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	326158	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	310115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	129766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	135814	48.906	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.820%		
35) Dibromofluoromethane	8.171	113	100056	49.869	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.740%		
50) Toluene-d8	10.571	98	367819	47.817	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.640%		
62) 4-Bromofluorobenzene	12.853	95	121994	44.433	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	88.860%		
Target Compounds						Qvalue
3) Chloromethane	2.365	50	775	0.270	ug/l #	76
5) Bromomethane	2.977	94	813	0.524	ug/l #	73
16) Acetone	4.430	43	1379	1.211	ug/l #	76
17) Carbon Disulfide	4.712	76	1580	0.255	ug/l #	74
31) Cyclohexane	8.218	56	5253	1.184	ug/l #	50
36) 1,1-Dichloropropene	8.230	75	16098	4.784	ug/l #	44
38) Carbon Tetrachloride	8.224	117	19393	5.685	ug/l #	17
43) Isopropyl Acetate	8.706	43	7406	1.110	ug/l #	52
51) 4-Methyl-2-Pentanone	10.571	43	2219	0.585	ug/l #	1
71) Bromoform	12.570	173	58	0.733	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	70440	25.790	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	70440	60.322	ug/l #	12
94) Hexachlorobutadiene	15.500	225	217	0.209	ug/l #	37

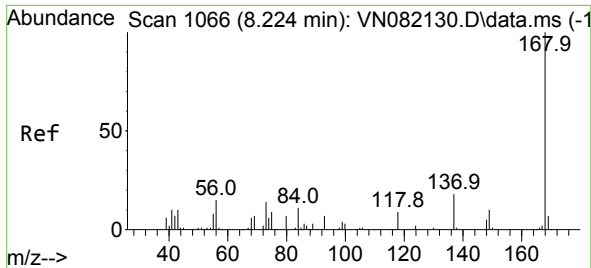
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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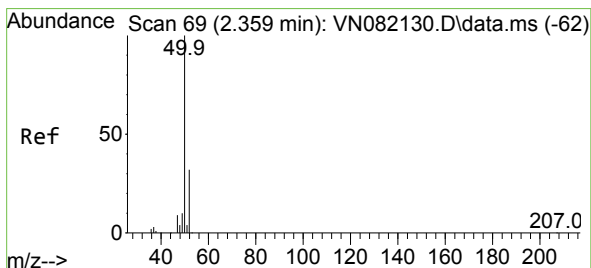
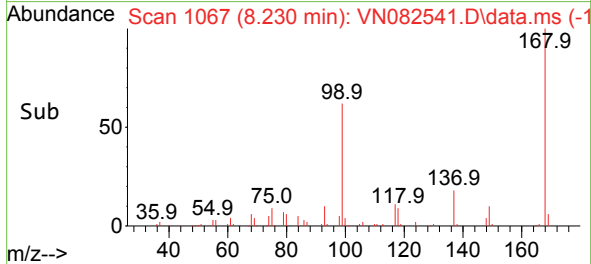
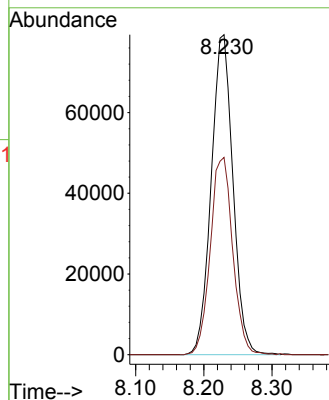
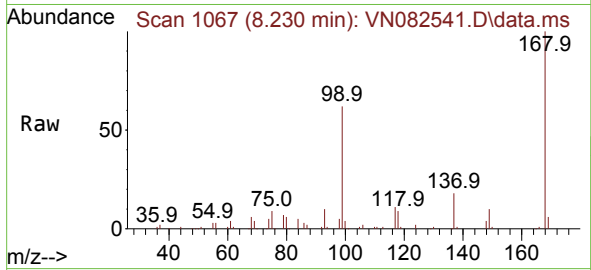




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN082541.D
Acq: 12 Jun 2024 20:12

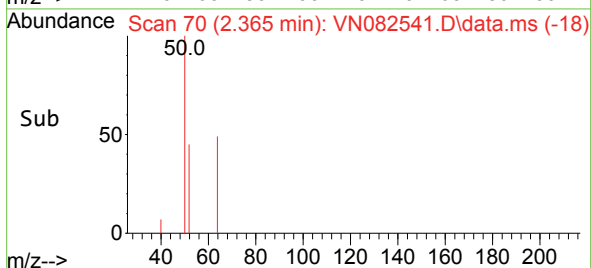
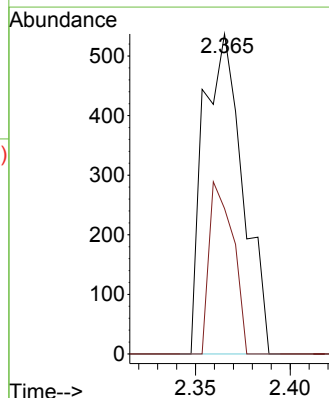
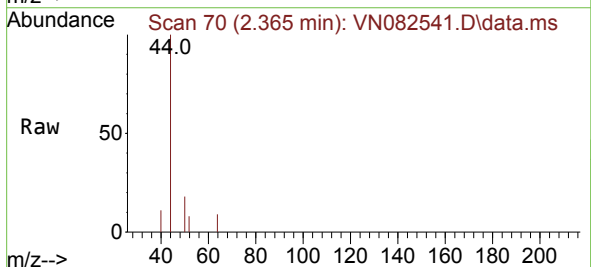
Instrument :
MSVOA_N
ClientSampleId :
BPOW6-10-20240610

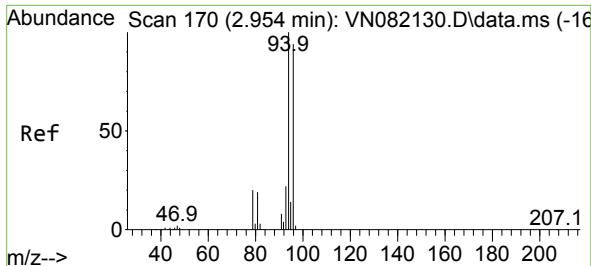
Tgt Ion:168 Resp: 175870
Ion Ratio Lower Upper
168 100
99 61.7 48.2 72.4



#3
Chloromethane
Concen: 0.270 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082541.D
Acq: 12 Jun 2024 20:12

Tgt Ion: 50 Resp: 775
Ion Ratio Lower Upper
50 100
52 45.4 25.5 38.3#

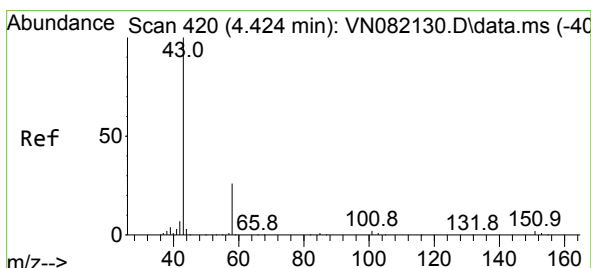
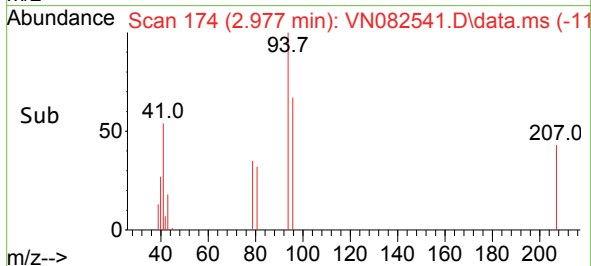
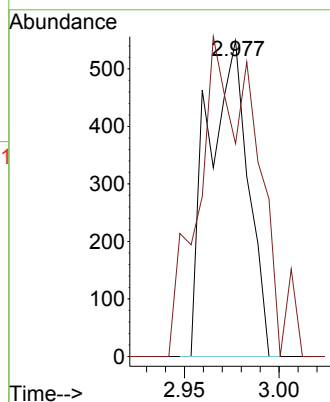
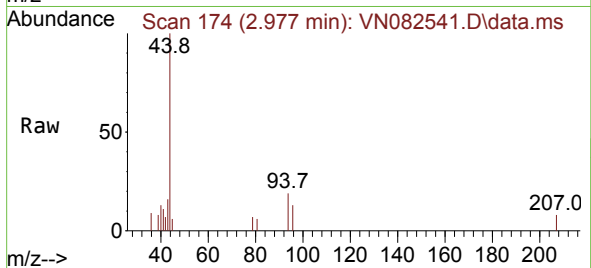




#5
Bromomethane
Concen: 0.524 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN082541.D
Acq: 12 Jun 2024 20:12

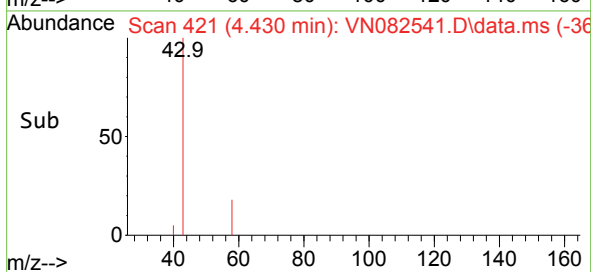
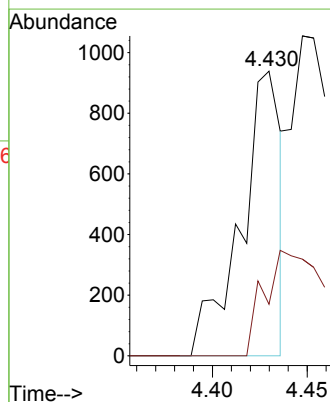
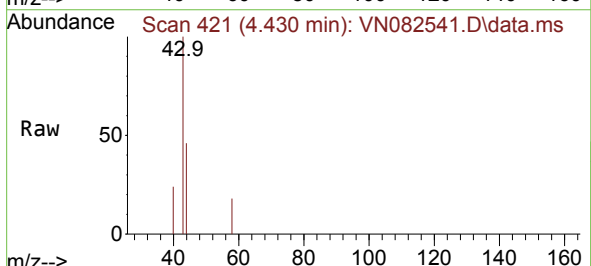
Instrument :
MSVOA_N
ClientSampleId :
BPOW6-10-20240610

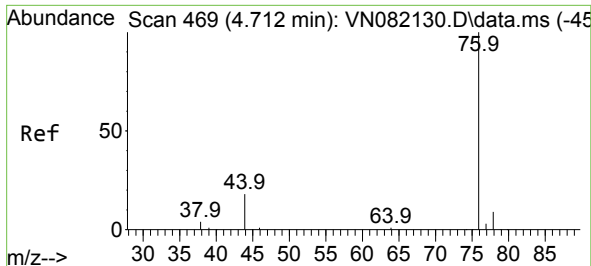
Tgt Ion: 94 Resp: 813
Ion Ratio Lower Upper
94 100
96 67.4 74.8 112.2#



#16
Acetone
Concen: 1.211 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082541.D
Acq: 12 Jun 2024 20:12

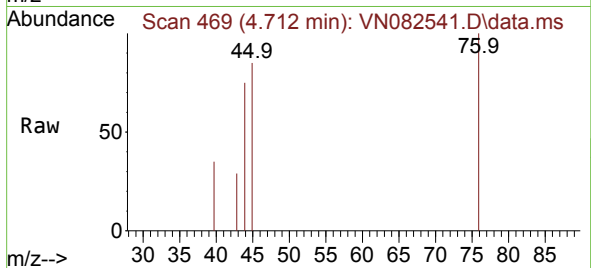
Tgt Ion: 43 Resp: 1379
Ion Ratio Lower Upper
43 100
58 18.1 25.2 37.8#



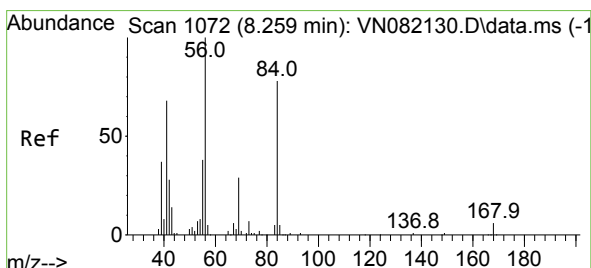
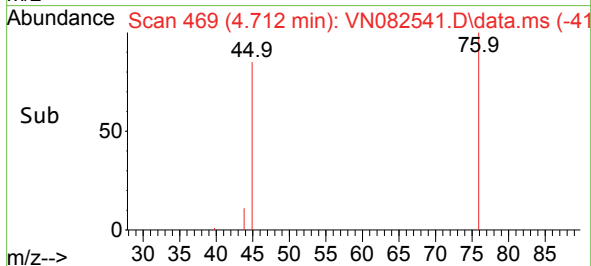
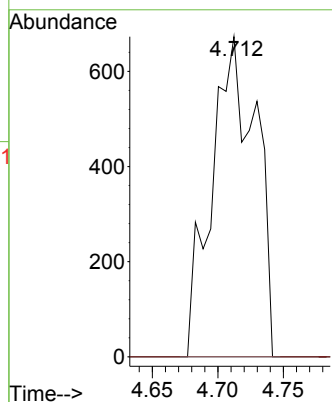


#17
Carbon Disulfide
Concen: 0.255 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN082541.D
Acq: 12 Jun 2024 20:12

Instrument :
MSVOA_N
ClientSampleId :
BPOW6-10-20240610

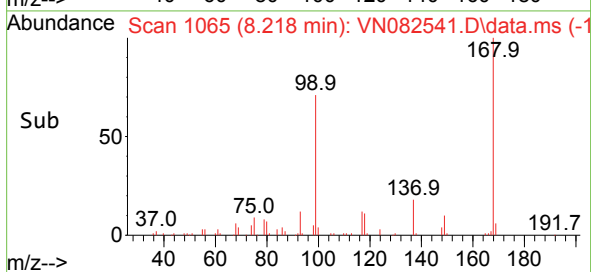
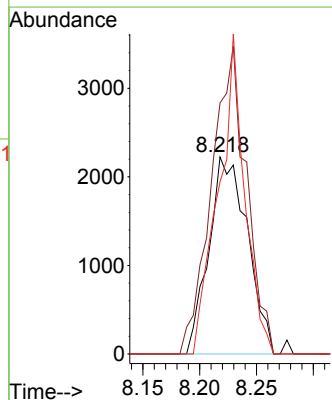
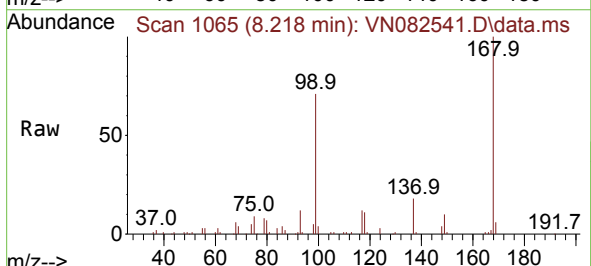


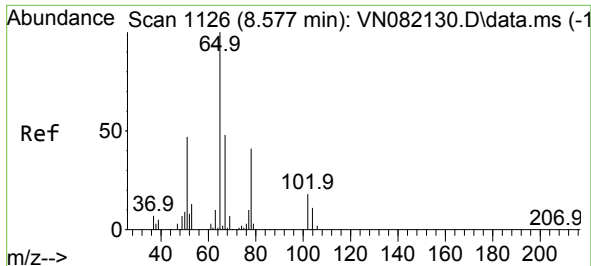
Tgt Ion: 76 Resp: 1580
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#31
Cyclohexane
Concen: 1.184 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN082541.D
Acq: 12 Jun 2024 20:12

Tgt Ion: 56 Resp: 5253
Ion Ratio Lower Upper
56 100
69 127.5 24.4 36.6#
84 87.4 77.0 115.4





#33

1,2-Dichloroethane-d4

Concen: 48.906 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082541.D

Acq: 12 Jun 2024 20:12

Instrument :

MSVOA_N

ClientSampleId :

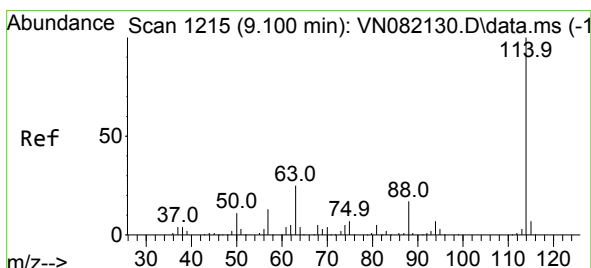
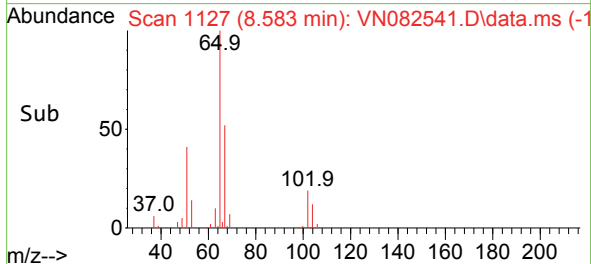
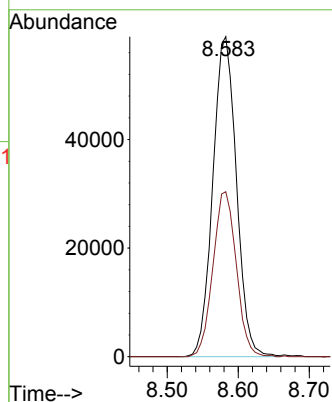
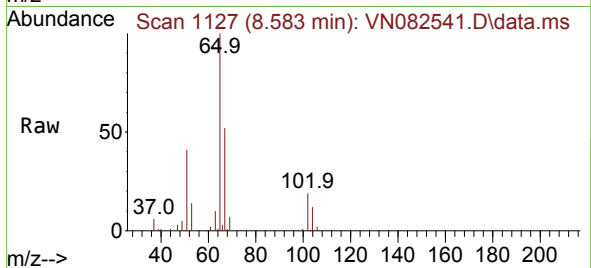
BPOW6-10-20240610

Tgt Ion: 65 Resp: 135814

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082541.D

Acq: 12 Jun 2024 20:12

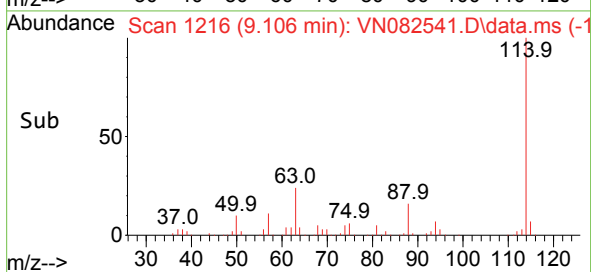
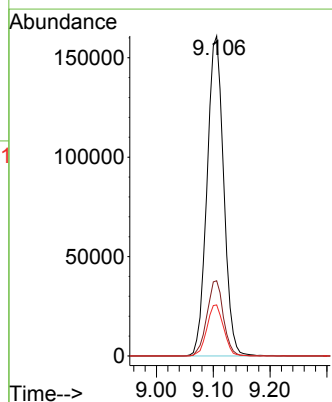
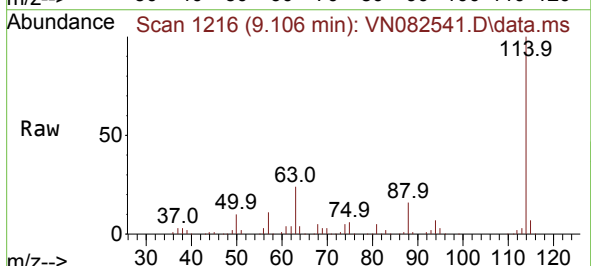
Tgt Ion: 114 Resp: 326158

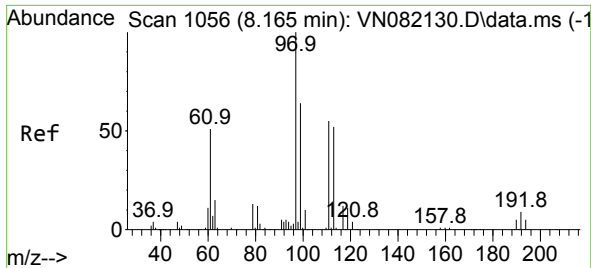
Ion Ratio Lower Upper

114 100

63 23.5 0.0 41.0

88 16.0 0.0 31.4

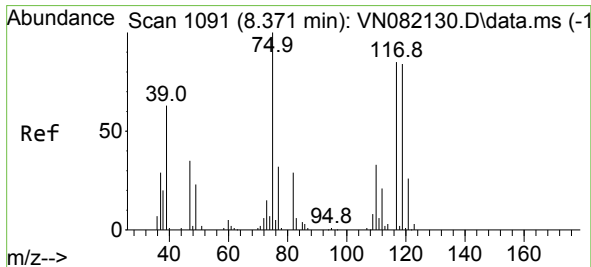
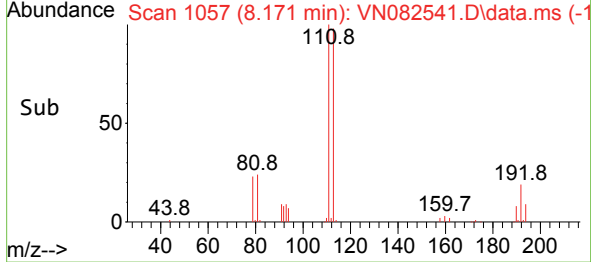
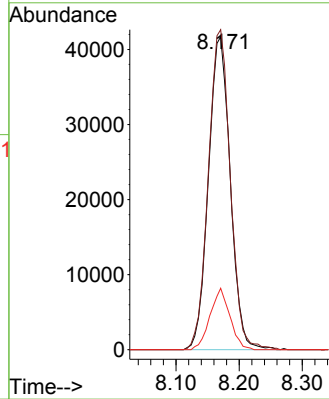
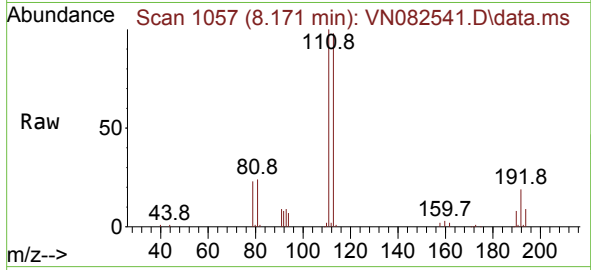




#35
Dibromofluoromethane
Concen: 49.869 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082541.D
Acq: 12 Jun 2024 20:12

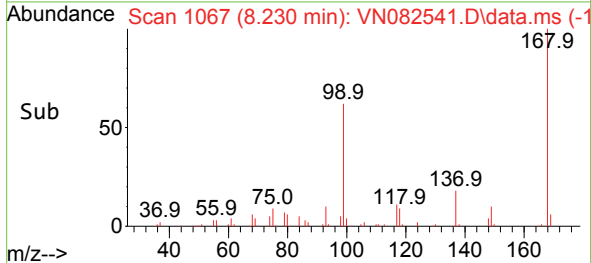
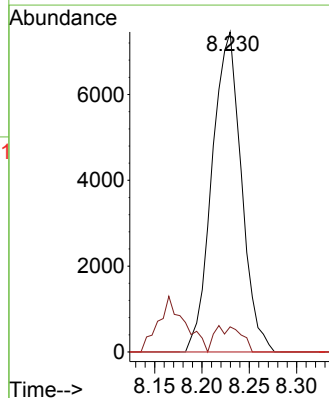
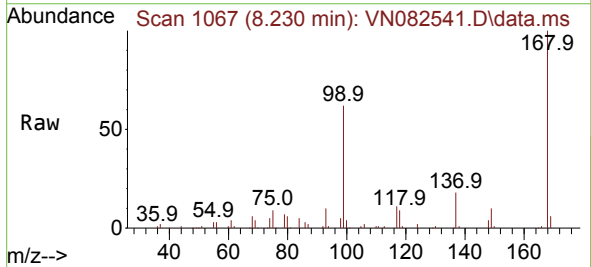
Instrument :
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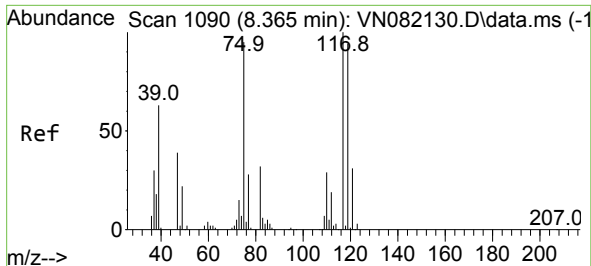
Tgt Ion:113 Resp: 100056
Ion Ratio Lower Upper
113 100
111 103.0 83.4 125.2
192 17.8 14.0 21.0



#36
1,1-Dichloropropene
Concen: 4.784 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082541.D
Acq: 12 Jun 2024 20:12

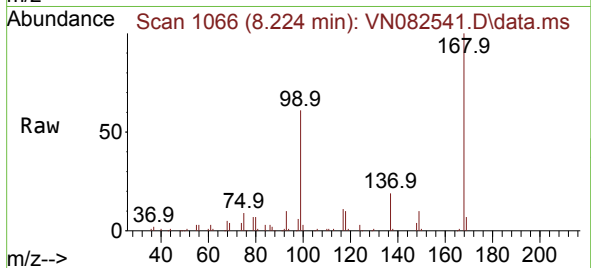
Tgt Ion: 75 Resp: 16098
Ion Ratio Lower Upper
75 100
110 3.2 17.8 53.5#
77 0.0 25.0 37.4#



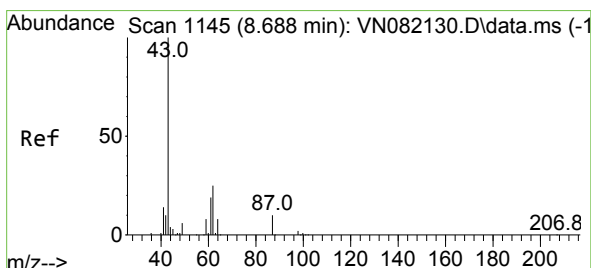
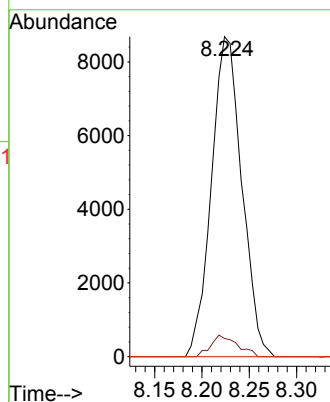
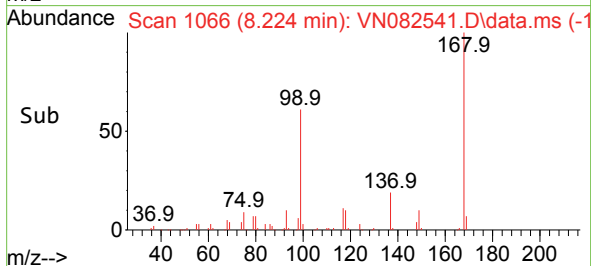


#38
Carbon Tetrachloride
Concen: 5.685 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.141 min
Lab File: VN082541.D
Acq: 12 Jun 2024 20:12

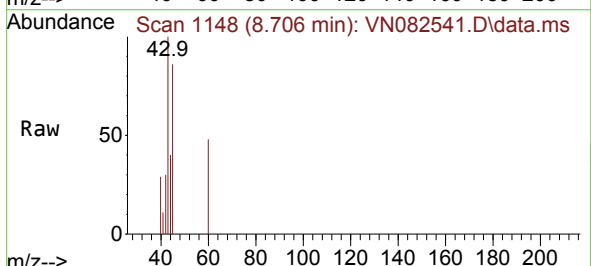
Instrument :
MSVOA_N
ClientSampleId :
BPOW6-10-20240610



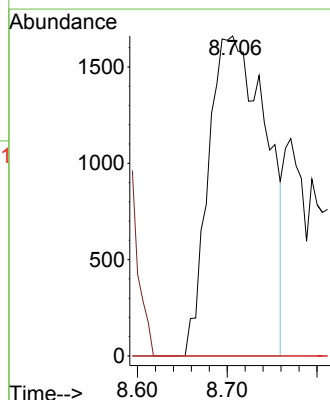
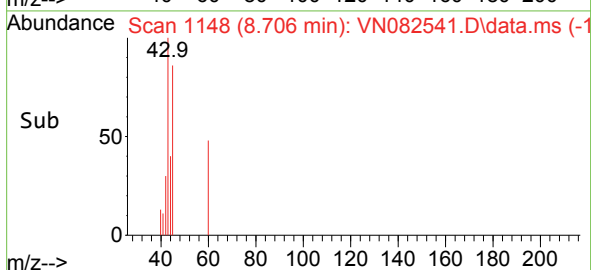
Tgt Ion:117 Resp: 19393
Ion Ratio Lower Upper
117 100
119 5.7 76.5 114.7#
121 0.0 23.9 35.9#

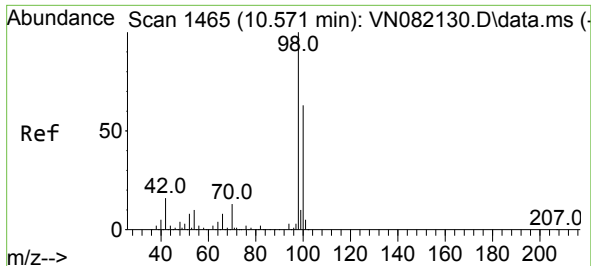


#43
Isopropyl Acetate
Concen: 1.110 ug/l
RT: 8.706 min Scan# 1148
Delta R.T. 0.018 min
Lab File: VN082541.D
Acq: 12 Jun 2024 20:12



Tgt Ion: 43 Resp: 7406
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#

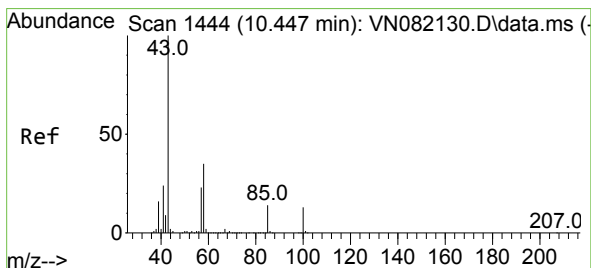
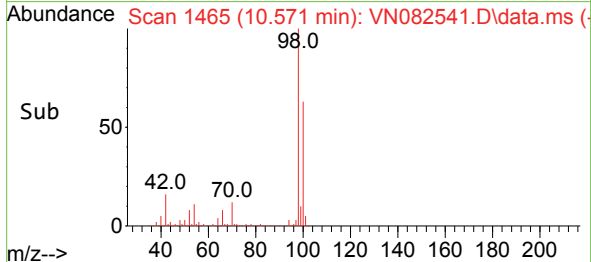
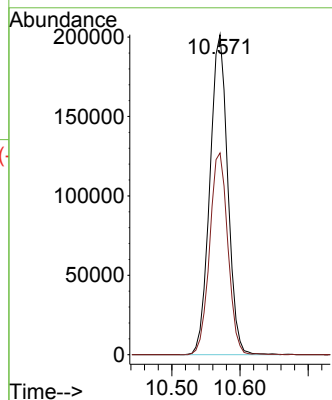
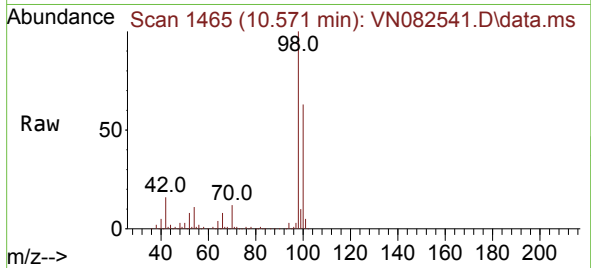




#50
Toluene-d8
Concen: 47.817 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082541.D
Acq: 12 Jun 2024 20:12

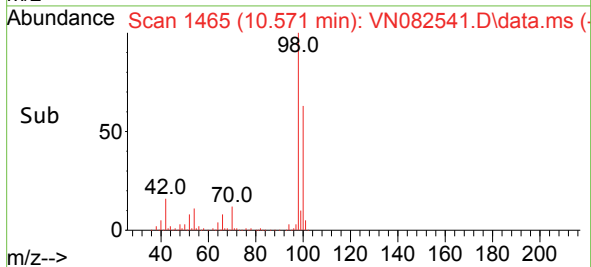
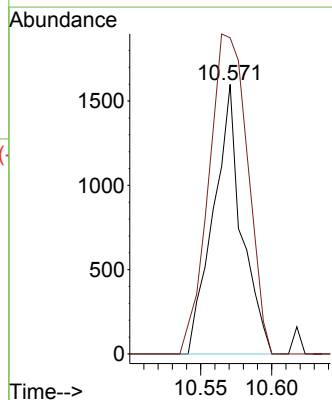
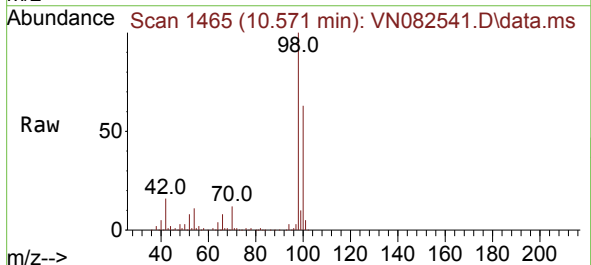
Instrument :
MSVOA_N
ClientSampleId :
BPOW6-10-20240610

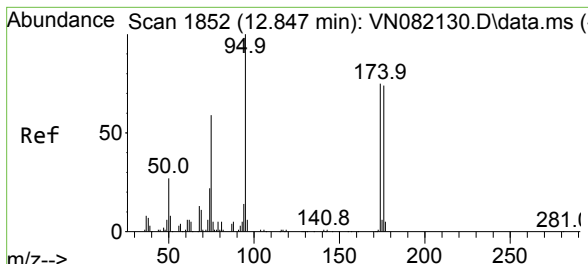
Tgt Ion: 98 Resp: 367819
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 0.585 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.123 min
Lab File: VN082541.D
Acq: 12 Jun 2024 20:12

Tgt Ion: 43 Resp: 2219
Ion Ratio Lower Upper
43 100
58 163.2 33.2 49.8#

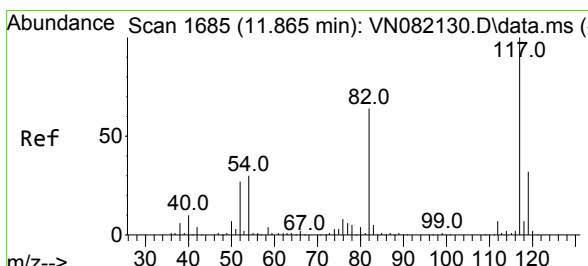
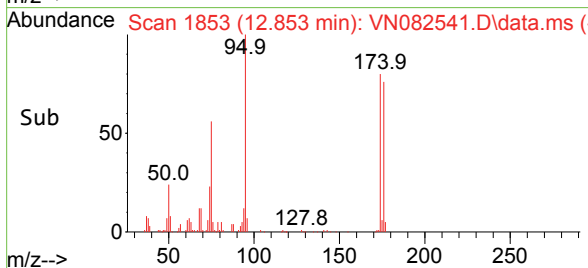
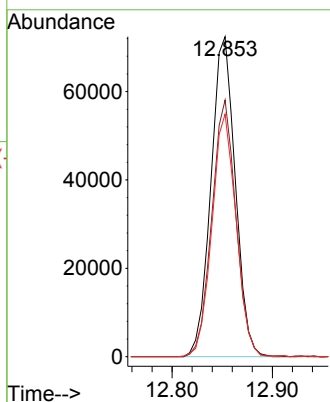
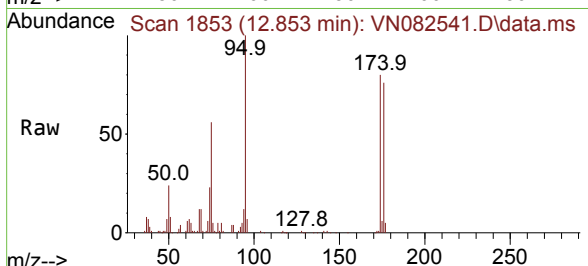




#62
4-Bromofluorobenzene
Concen: 44.433 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082541.D
Acq: 12 Jun 2024 20:12

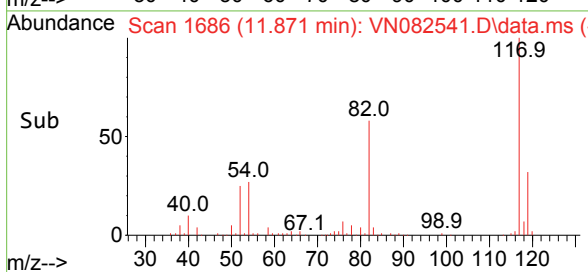
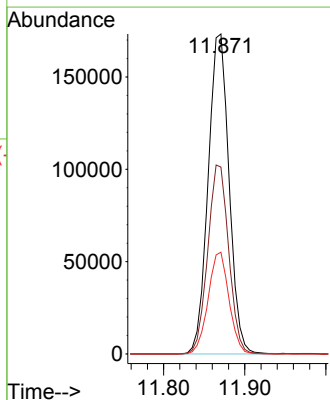
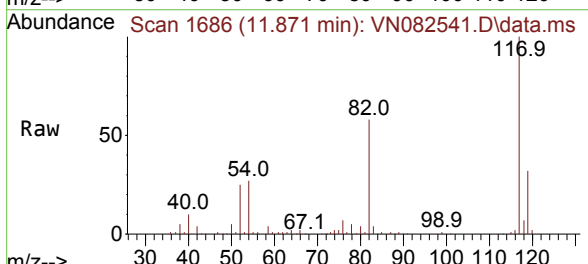
Instrument :
MSVOA_N
ClientSampleId :
BPOW6-10-20240610

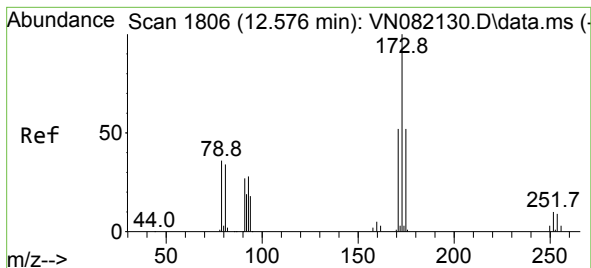
Tgt Ion:	95	Resp:	121994
Ion	Ratio	Lower	Upper
95	100		
174	79.6	0.0	160.6
176	75.5	0.0	152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082541.D
Acq: 12 Jun 2024 20:12

Tgt Ion:	117	Resp:	310115
Ion	Ratio	Lower	Upper
117	100		
82	58.4	44.6	66.8
119	31.8	25.9	38.9





#71

Bromoform

Concen: 0.733 ug/l

RT: 12.570 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN082541.D

Acq: 12 Jun 2024 20:12

Instrument :

MSVOA_N

ClientSampleId :

BPOW6-10-20240610

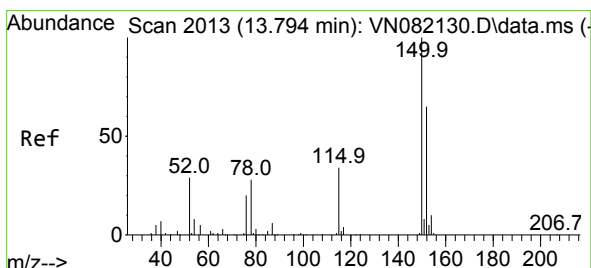
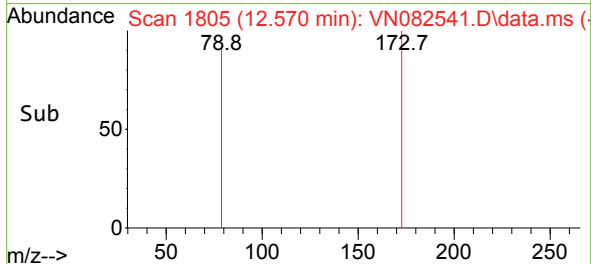
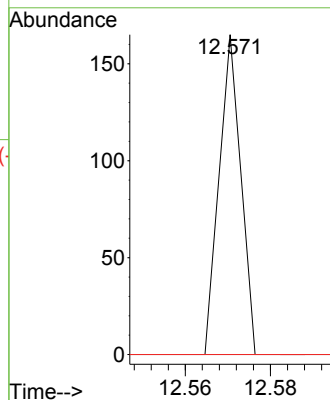
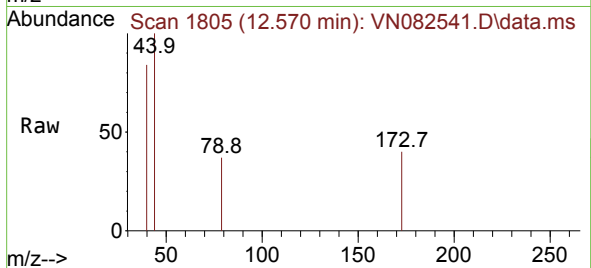
Tgt Ion:173 Resp: 58

Ion Ratio Lower Upper

173 100

175 0.0 24.6 74.0#

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: VN082541.D

Acq: 12 Jun 2024 20:12

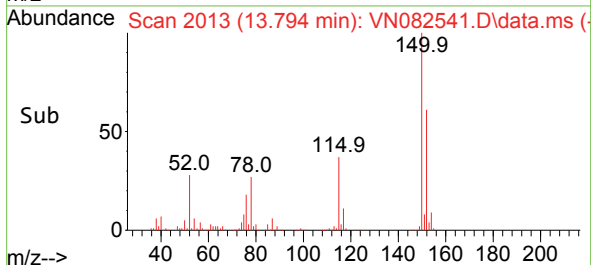
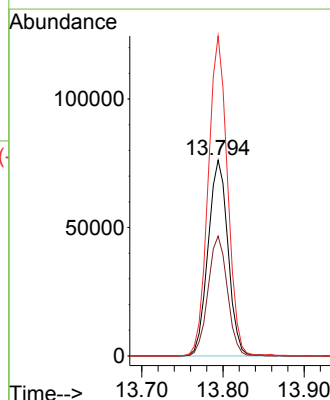
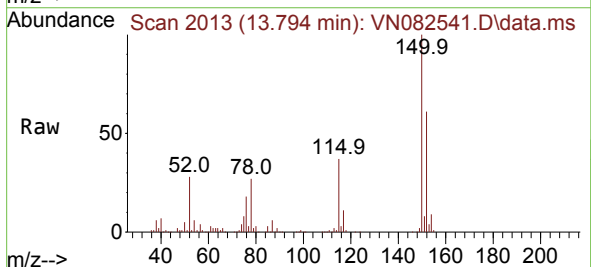
Tgt Ion:152 Resp: 129766

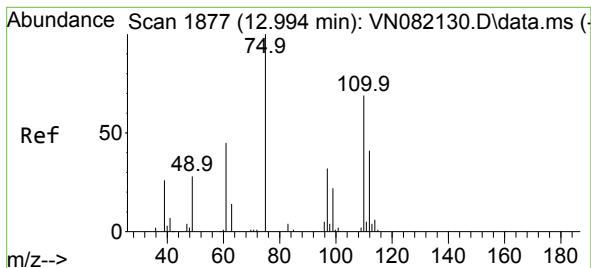
Ion Ratio Lower Upper

152 100

115 59.5 30.4 91.3

150 158.0 0.0 353.2





#76

1,2,3-Trichloropropane

Concen: 25.790 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082541.D

Acq: 12 Jun 2024 20:12

Instrument :

MSVOA_N

ClientSampleId :

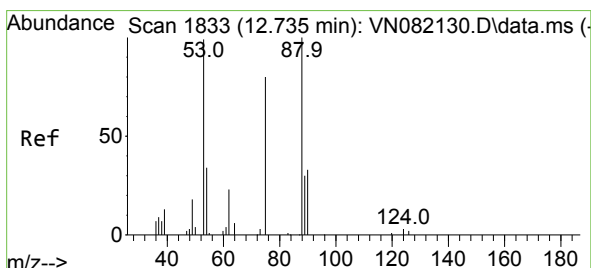
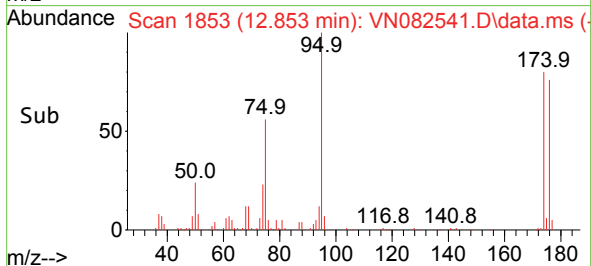
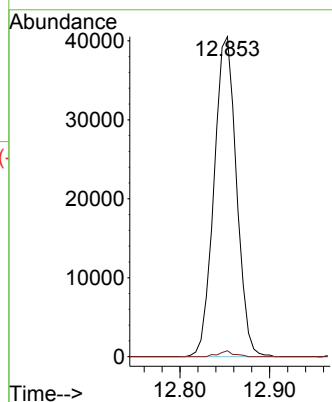
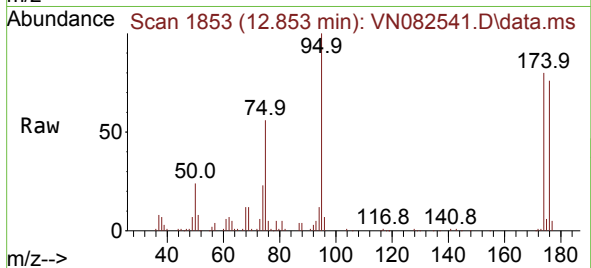
BPOW6-10-20240610

Tgt Ion: 75 Resp: 70440

Ion Ratio Lower Upper

75 100

77 1.3 90.5 271.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 60.322 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN082541.D

Acq: 12 Jun 2024 20:12

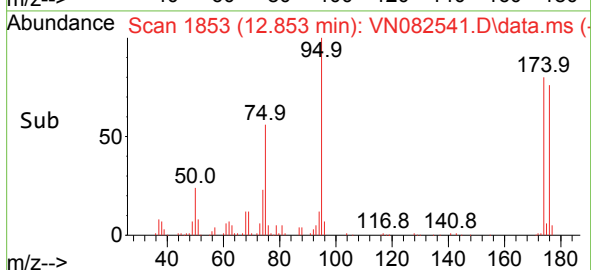
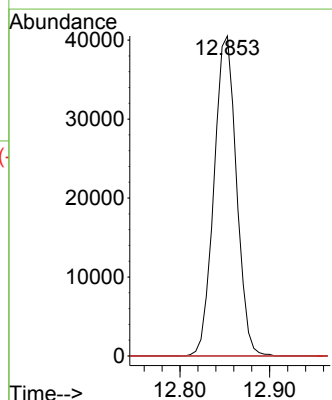
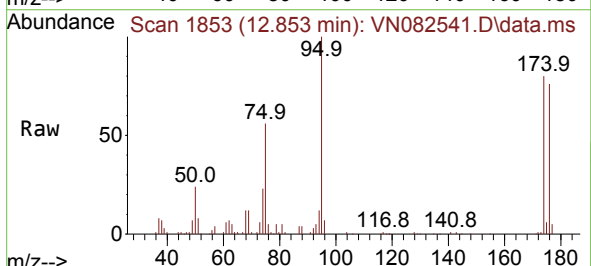
Tgt Ion: 75 Resp: 70440

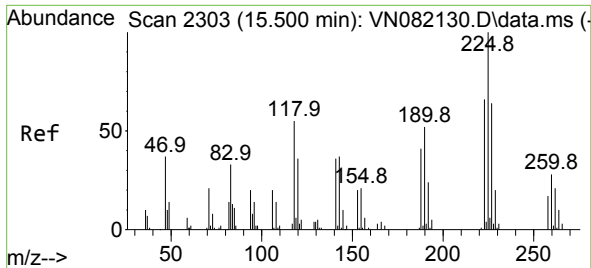
Ion Ratio Lower Upper

75 100

53 0.0 72.9 109.3#

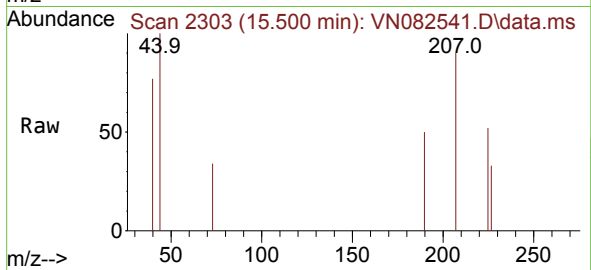
89 0.0 39.1 58.7#





#94
 Hexachlorobutadiene
 Concen: 0.209 ug/l
 RT: 15.500 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN082541.D
 Acq: 12 Jun 2024 20:12

Instrument :
 MSVOA_N
 ClientSampleId :
 BPOW6-10-20240610



Tgt Ion:	225	Resp:	217
Ion	Ratio	Lower	Upper
225	100		
223	0.0	31.1	93.2#
227	27.2	30.6	91.6#

