

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071124\
 Data File : VN082882.D
 Acq On : 11 Jul 2024 17:33
 Operator : JC\MD
 Sample : P3222-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-TB-20240709

Quant Time: Jul 12 01:10:01 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)

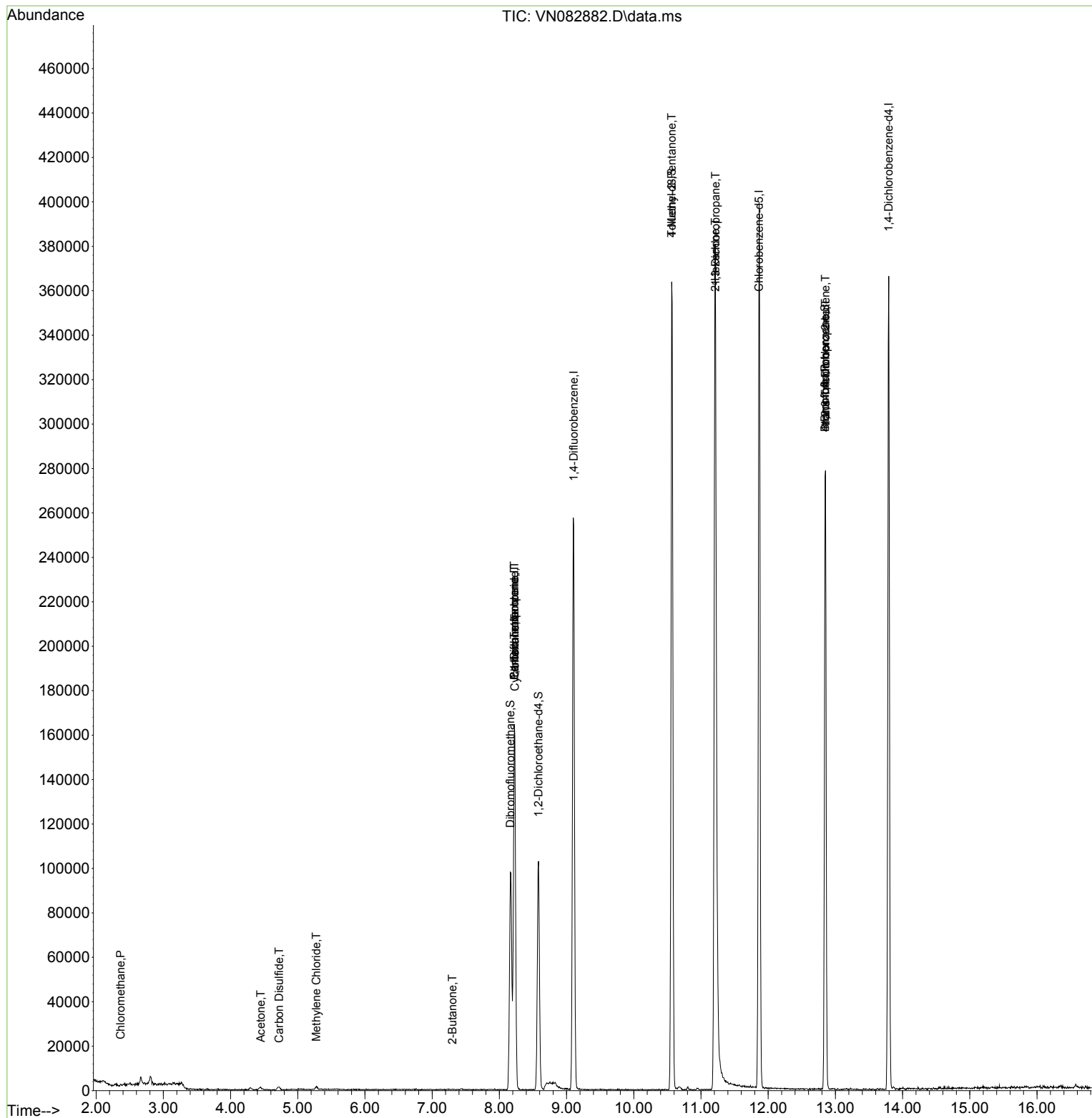
Internal Standards						
1) Pentafluorobenzene	8.224	168	114425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	216986	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	219880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	96773	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	84960	52.967	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.940%	
35) Dibromofluoromethane	8.165	113	69929	50.224	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.440%	
50) Toluene-d8	10.565	98	251461	48.898	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.800%	
62) 4-Bromofluorobenzene	12.847	95	94679	51.254	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 102.500%	
Target Compounds						Qvalue
3) Chloromethane	2.365	50	681	0.485	ug/l #	43
16) Acetone	4.447	43	2461	4.358	ug/l #	85
17) Carbon Disulfide	4.724	76	2359	0.676	ug/l #	75
20) Methylene Chloride	5.277	84	974	0.714	ug/l #	69
25) 2-Butanone	7.300	43	300	0.352	ug/l #	53
31) Cyclohexane	8.230	56	2812	1.341	ug/l #	36
36) 1,1-Dichloropropene	8.224	75	9528	4.963	ug/l #	52
38) Carbon Tetrachloride	8.224	117	12853	5.561	ug/l #	19
43) Isopropyl Acetate	8.694	43	1836	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1417	0.731	ug/l #	1
57) 1,3-Dichloropropane	11.218	76	2770	1.154	ug/l #	43
59) 2-Hexanone	11.212	43	126137	87.562	ug/l #	39
71) Bromoform	12.847	173	638	0.484	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	53277	31.933	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	53277	62.802	ug/l #	6

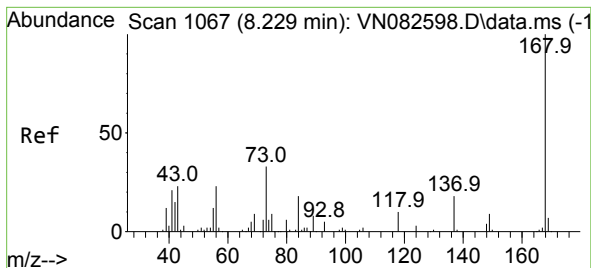
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071124\
Data File : VN082882.D
Acq On : 11 Jul 2024 17:33
Operator : JC\MD
Sample : P3222-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-TB-20240709

Quant Time: Jul 12 01:10:01 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN082882.D

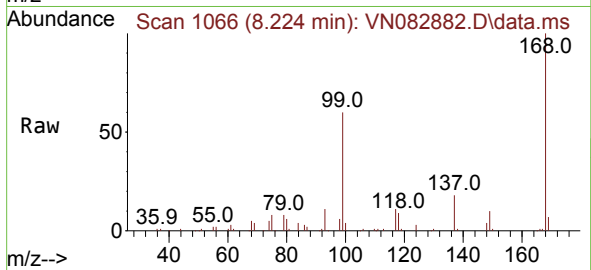
Acq: 11 Jul 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-TB-20240709

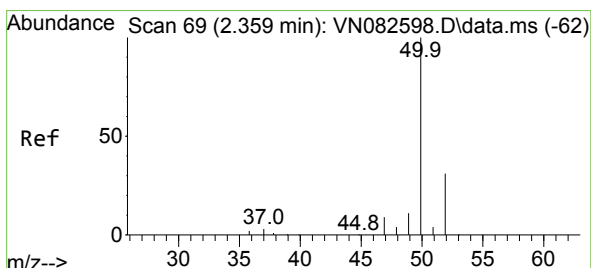
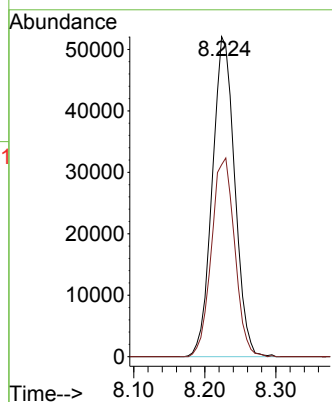
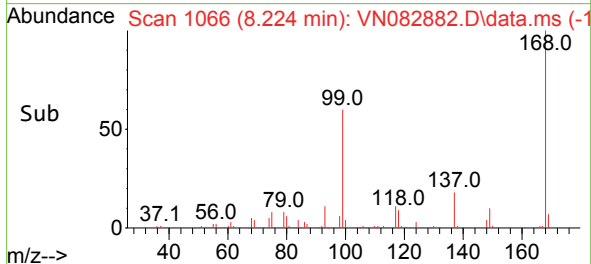


Tgt Ion:168 Resp: 114425

Ion Ratio Lower Upper

168 100

99 60.0 48.2 72.4



#3

Chloromethane

Concen: 0.485 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN082882.D

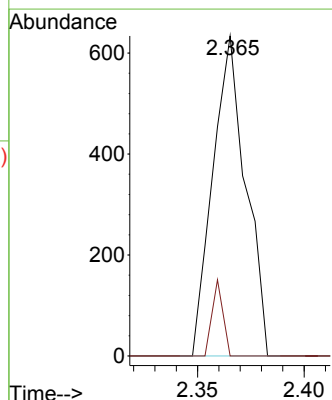
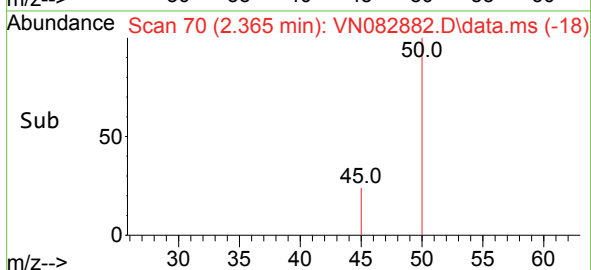
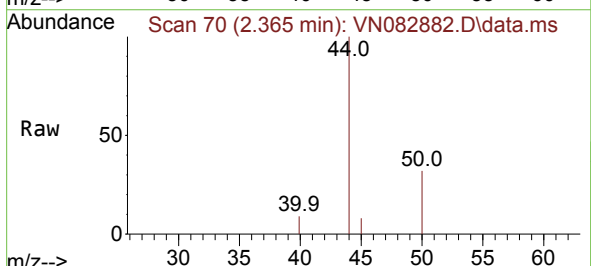
Acq: 11 Jul 2024 17:33

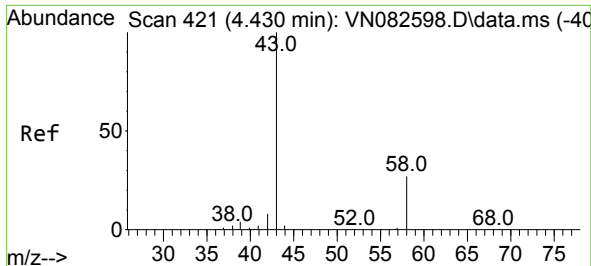
Tgt Ion: 50 Resp: 681

Ion Ratio Lower Upper

50 100

52 0.0 25.0 37.4#

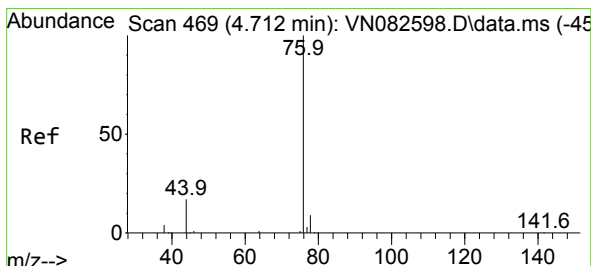
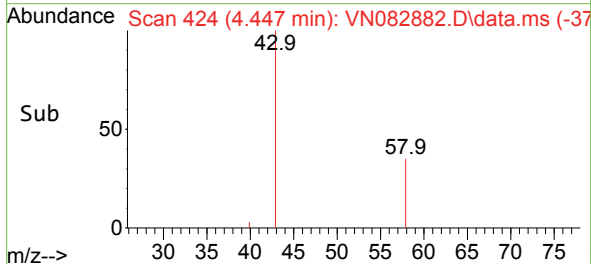
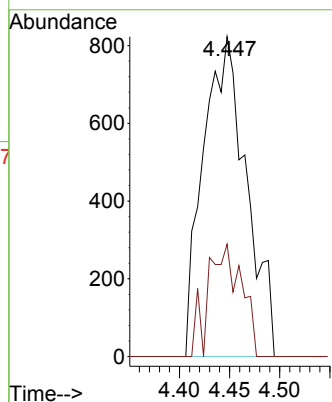
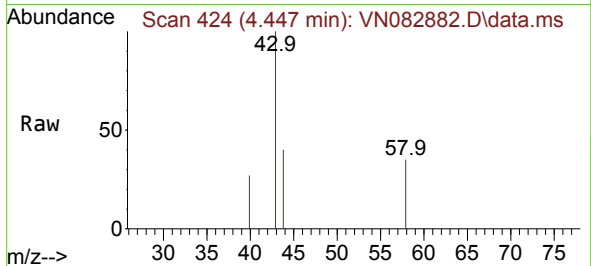




#16
Acetone
Concen: 4.358 ug/l
RT: 4.447 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN082882.D
Acq: 11 Jul 2024 17:33

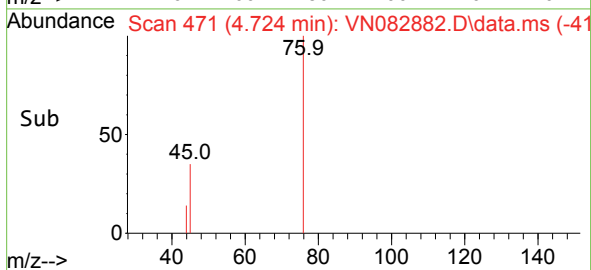
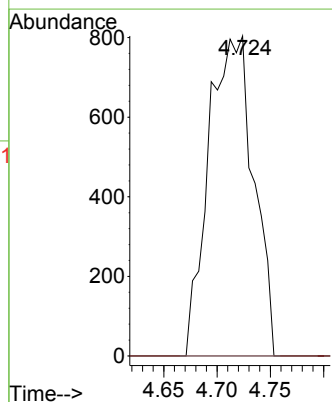
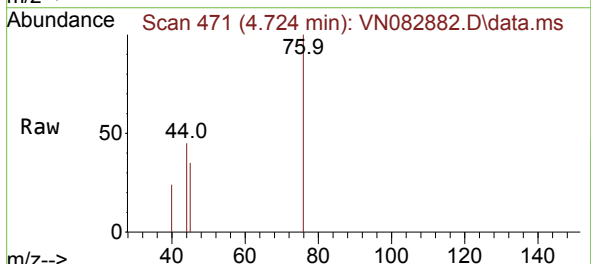
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-TB-20240709

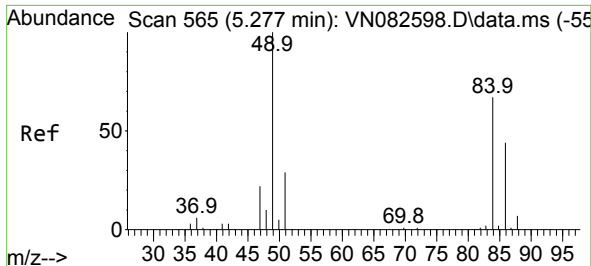
Tgt Ion: 43 Resp: 2461
Ion Ratio Lower Upper
43 100
58 35.1 21.8 32.6#



#17
Carbon Disulfide
Concen: 0.676 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.012 min
Lab File: VN082882.D
Acq: 11 Jul 2024 17:33

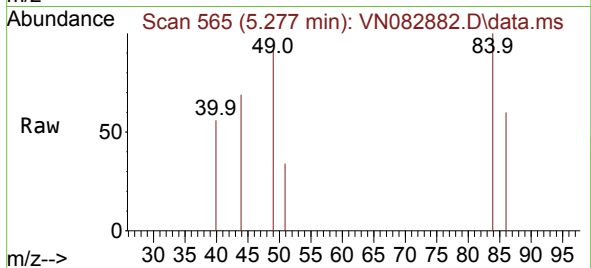
Tgt Ion: 76 Resp: 2359
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



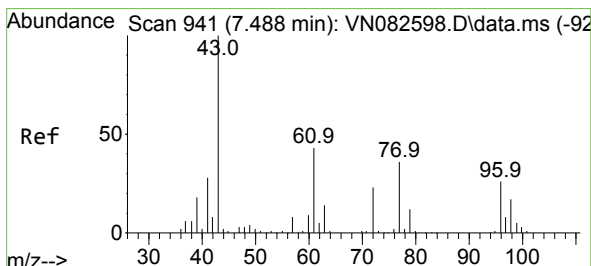
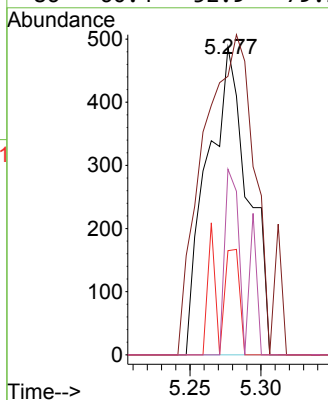
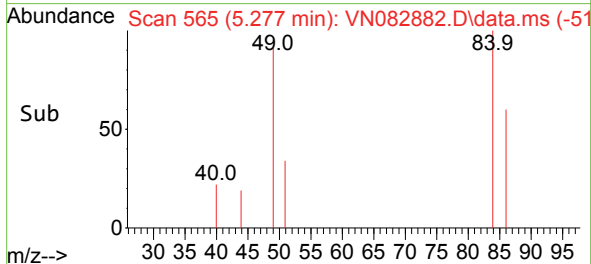


#20
Methylene Chloride
Concen: 0.714 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN082882.D
Acq: 11 Jul 2024 17:33

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-TB-20240709

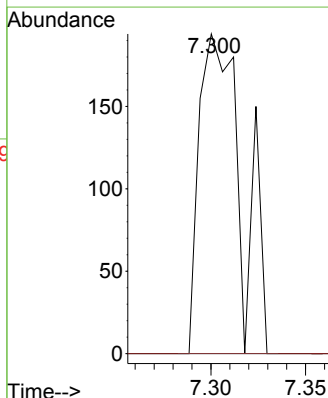
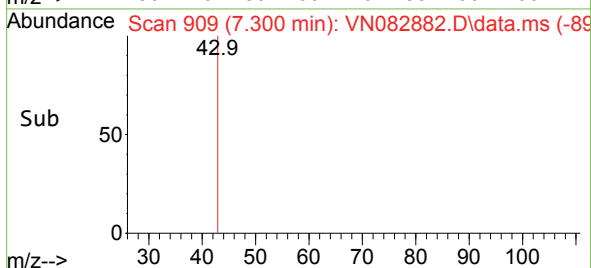
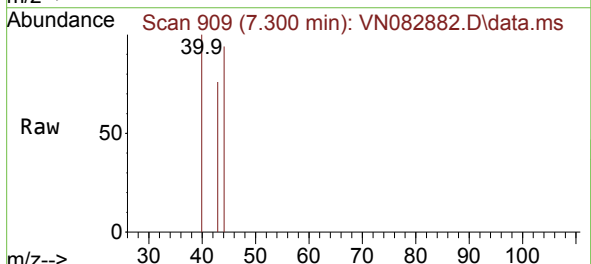


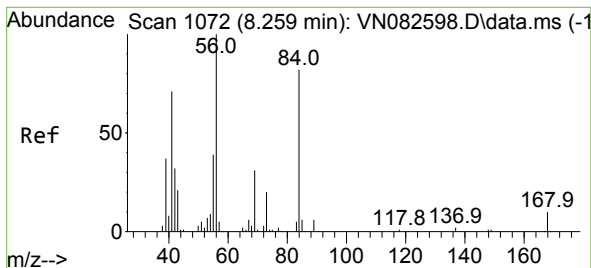
Tgt Ion:	84	Resp:	974
Ion	Ratio	Lower	Upper
84	100		
49	90.6	119.6	179.4#
51	33.9	34.8	52.2#
86	60.4	52.9	79.3



#25
2-Butanone
Concen: 0.352 ug/l
RT: 7.300 min Scan# 909
Delta R.T. -0.188 min
Lab File: VN082882.D
Acq: 11 Jul 2024 17:33

Tgt Ion:	43	Resp:	300
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.2	27.2#





#31

Cyclohexane

Concen: 1.341 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.029 min

Lab File: VN082882.D

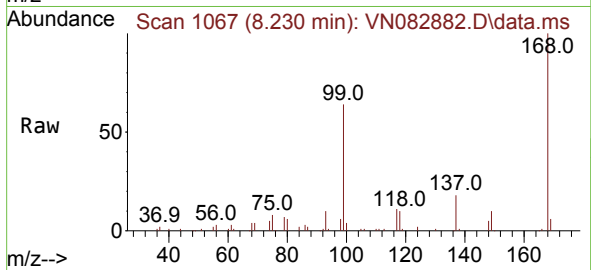
Acq: 11 Jul 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-TB-20240709



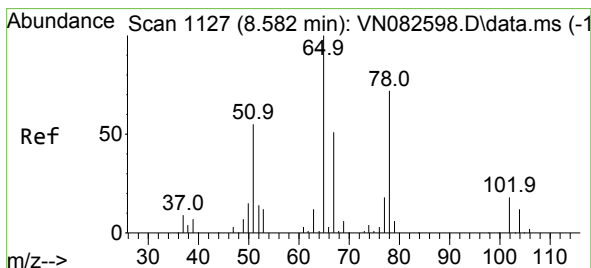
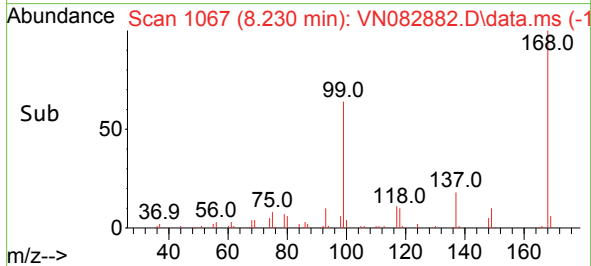
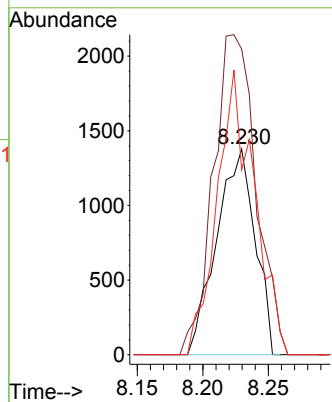
Tgt Ion: 56 Resp: 2812

Ion Ratio Lower Upper

56 100

69 148.6 24.5 36.7#

84 89.9 66.0 99.0



#33

1,2-Dichloroethane-d4

Concen: 52.967 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082882.D

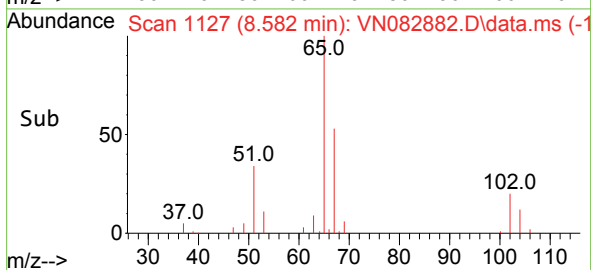
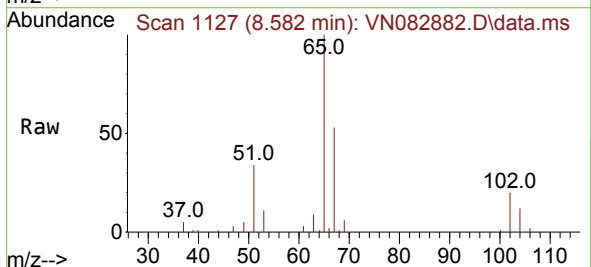
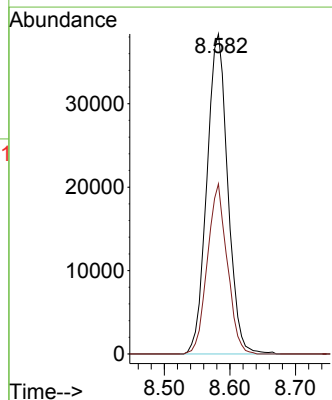
Acq: 11 Jul 2024 17:33

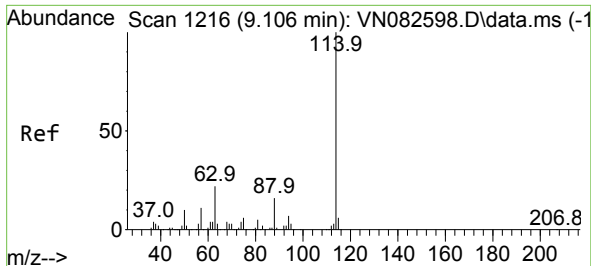
Tgt Ion: 65 Resp: 84960

Ion Ratio Lower Upper

65 100

67 50.4 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082882.D

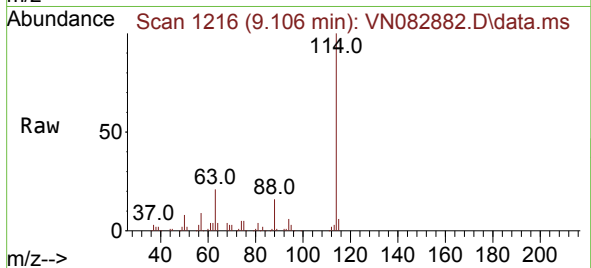
Acq: 11 Jul 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-TB-20240709



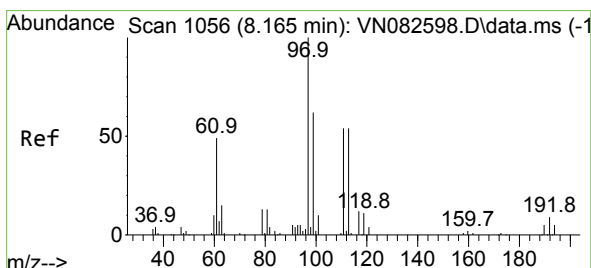
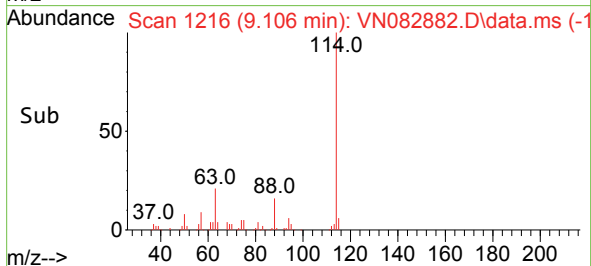
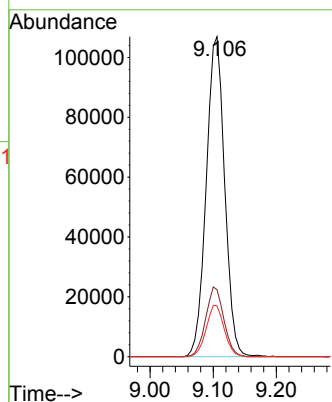
Tgt Ion:114 Resp: 216986

Ion Ratio Lower Upper

114 100

63 20.9 0.0 44.6

88 15.9 0.0 31.4



#35

Dibromofluoromethane

Concen: 50.224 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082882.D

Acq: 11 Jul 2024 17:33

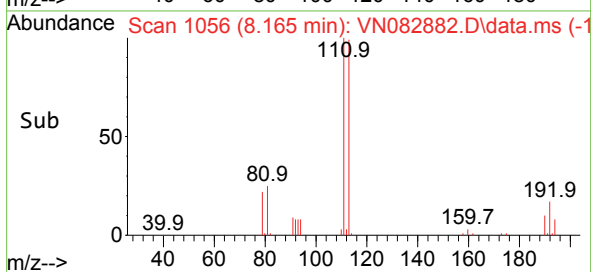
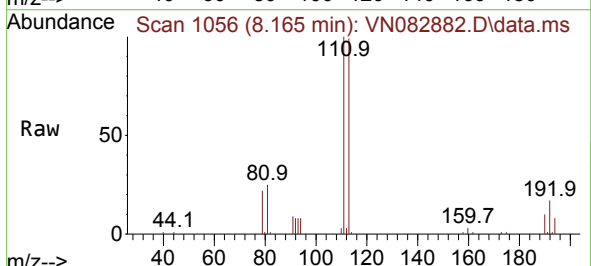
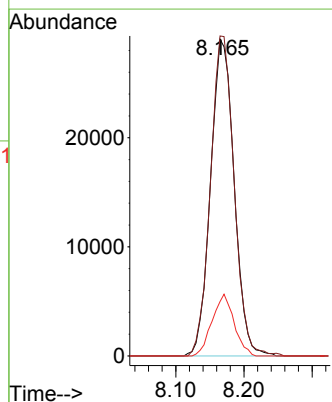
Tgt Ion:113 Resp: 69929

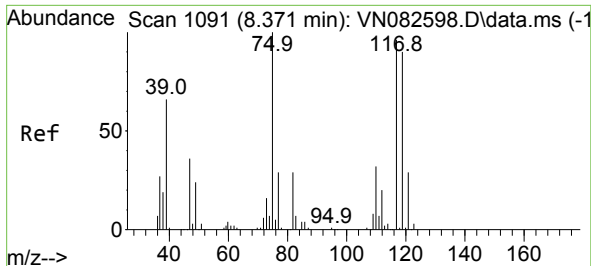
Ion Ratio Lower Upper

113 100

111 101.3 82.4 123.6

192 18.2 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.963 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN082882.D

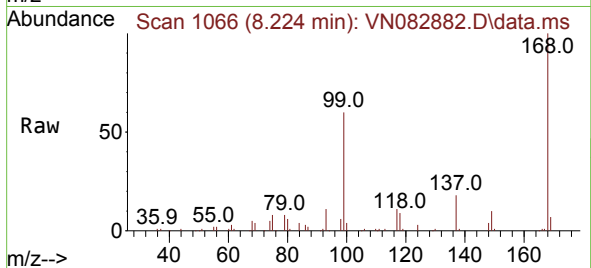
Acq: 11 Jul 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-TB-20240709



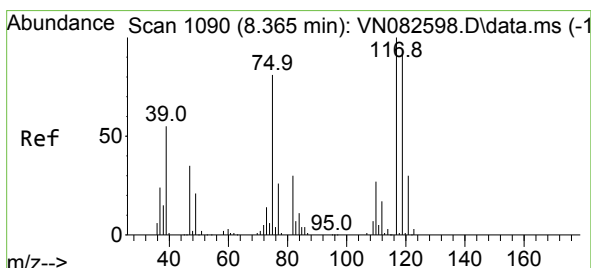
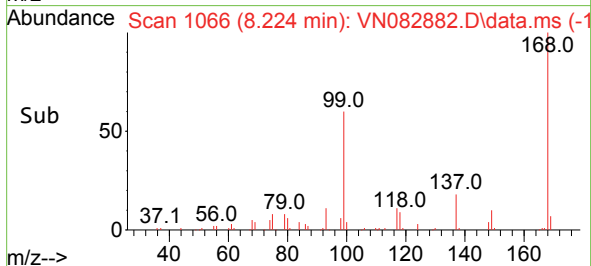
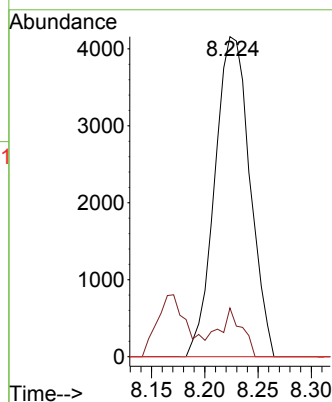
Tgt Ion: 75 Resp: 9528

Ion Ratio Lower Upper

75 100

110 9.9 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.561 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN082882.D

Acq: 11 Jul 2024 17:33

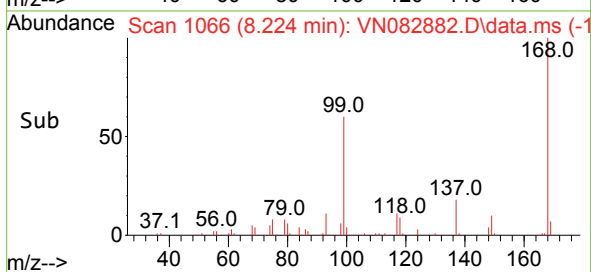
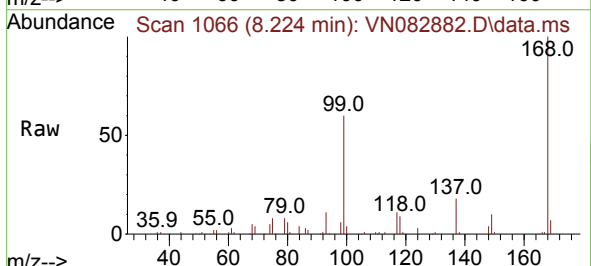
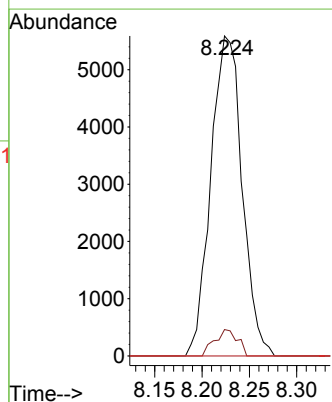
Tgt Ion: 117 Resp: 12853

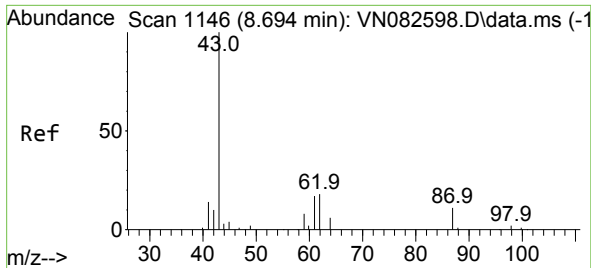
Ion Ratio Lower Upper

117 100

119 8.3 74.9 112.3#

121 0.0 24.3 36.5#

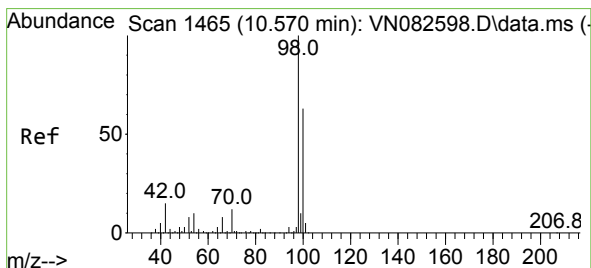
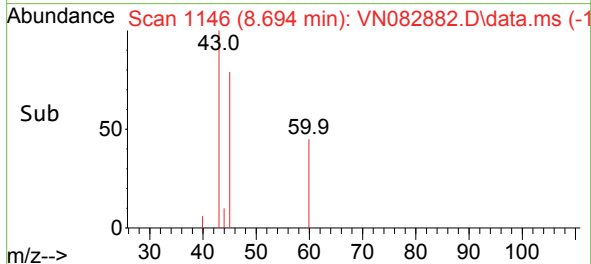
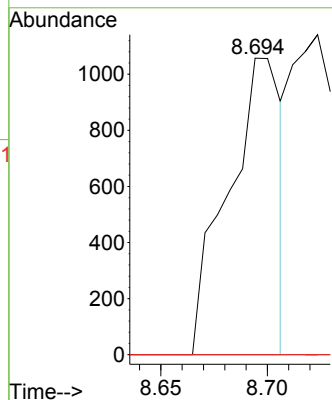
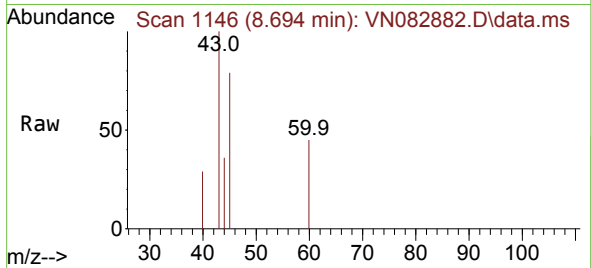




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082882.D
Acq: 11 Jul 2024 17:33

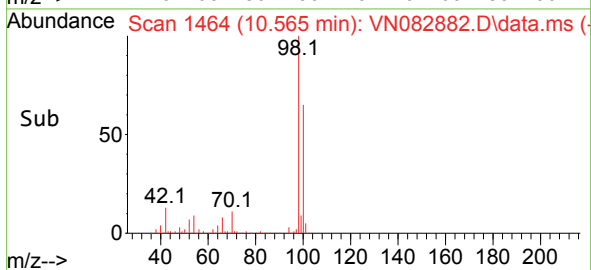
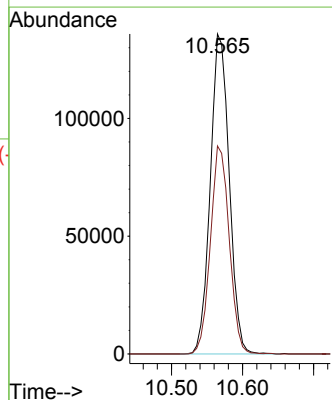
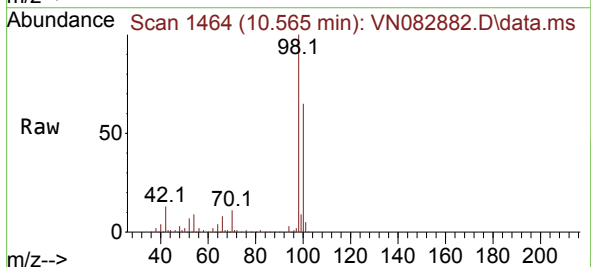
Instrument : MSVOA_N
ClientSampleId : BP-VPB-196-TB-20240709

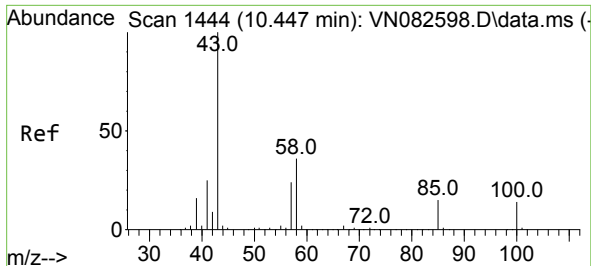
Tgt Ion: 43 Resp: 1836
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 48.898 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.005 min
Lab File: VN082882.D
Acq: 11 Jul 2024 17:33

Tgt Ion: 98 Resp: 251461
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 0.731 ug/l

RT: 10.565 min Scan# 1444

Delta R.T. 0.118 min

Lab File: VN082882.D

Acq: 11 Jul 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

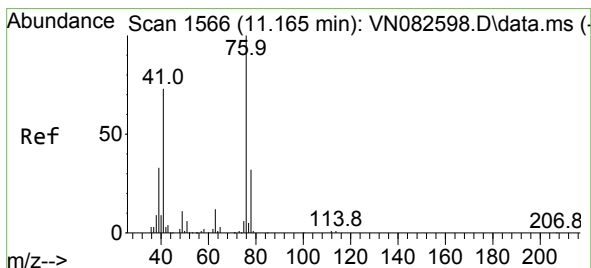
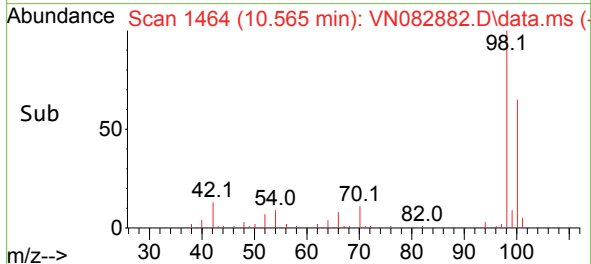
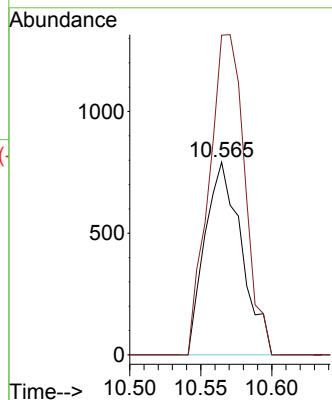
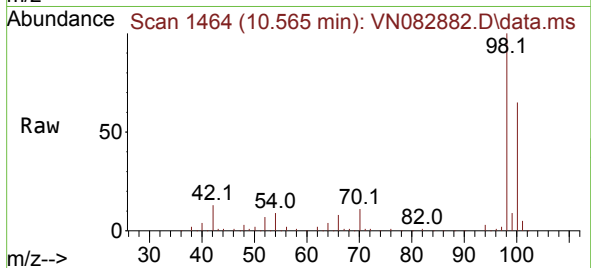
BP-VPB-196-TB-20240709

Tgt Ion: 43 Resp: 1417

Ion Ratio Lower Upper

43 100

58 162.9 28.2 42.4#



#57

1,3-Dichloropropane

Concen: 1.154 ug/l

RT: 11.218 min Scan# 1575

Delta R.T. 0.053 min

Lab File: VN082882.D

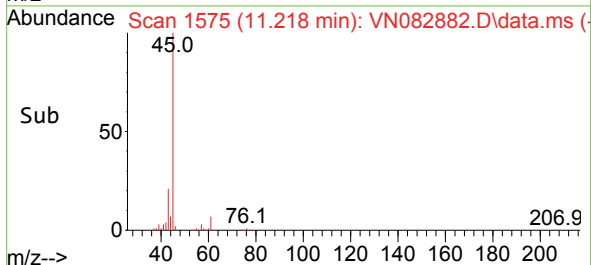
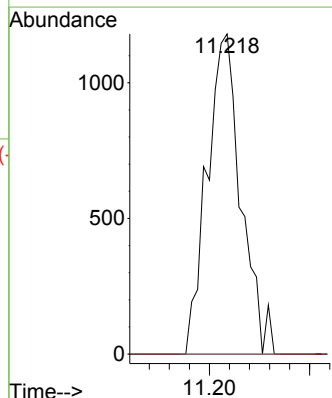
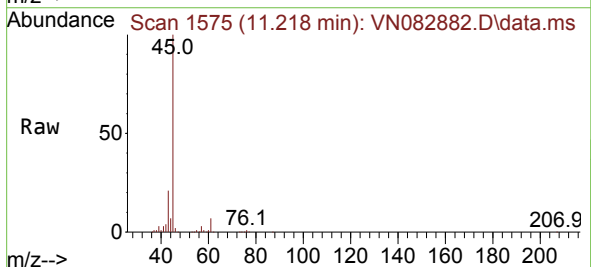
Acq: 11 Jul 2024 17:33

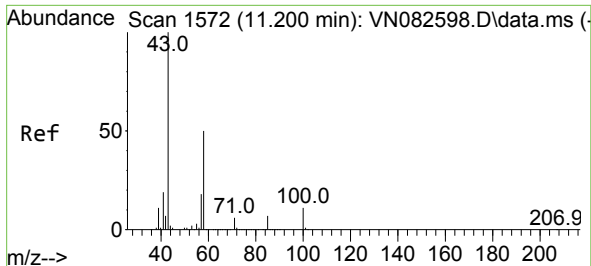
Tgt Ion: 76 Resp: 2770

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#

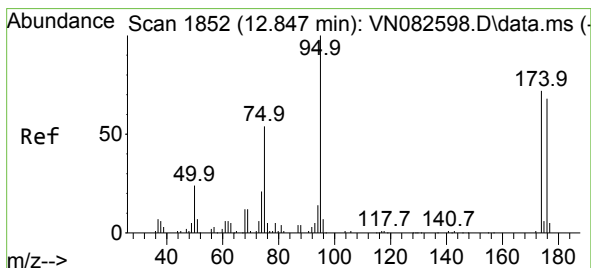
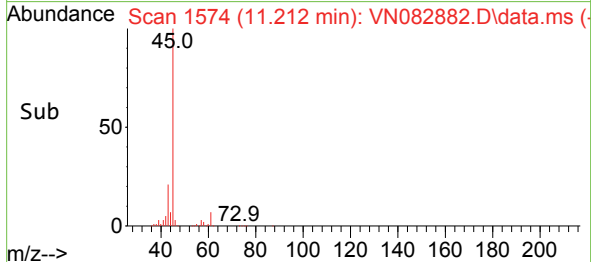
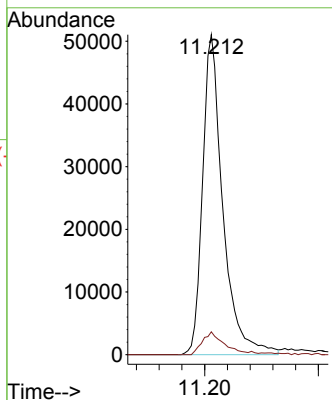
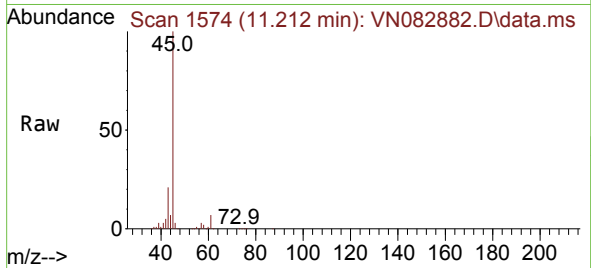




#59
2-Hexanone
Concen: 87.562 ug/l
RT: 11.212 min Scan# 1157
Delta R.T. 0.012 min
Lab File: VN082882.D
Acq: 11 Jul 2024 17:33

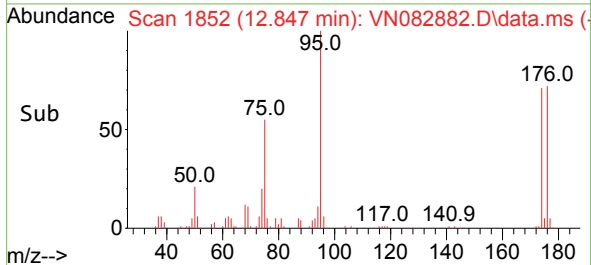
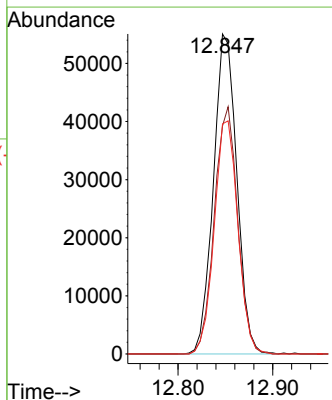
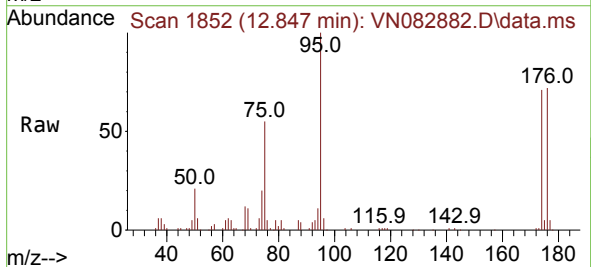
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-TB-20240709

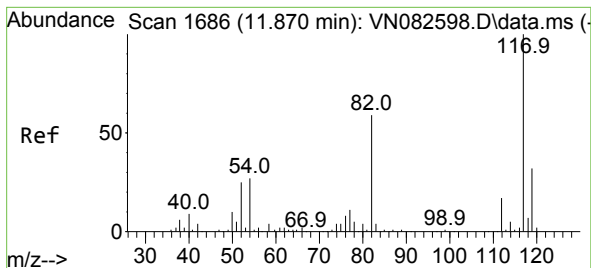
Tgt Ion: 43 Resp: 126137
Ion Ratio Lower Upper
43 100
58 7.6 24.6 73.8#



#62
4-Bromofluorobenzene
Concen: 51.254 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082882.D
Acq: 11 Jul 2024 17:33

Tgt Ion: 95 Resp: 94679
Ion Ratio Lower Upper
95 100
174 76.8 0.0 159.2
176 73.5 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN082882.D

Acq: 11 Jul 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-TB-20240709

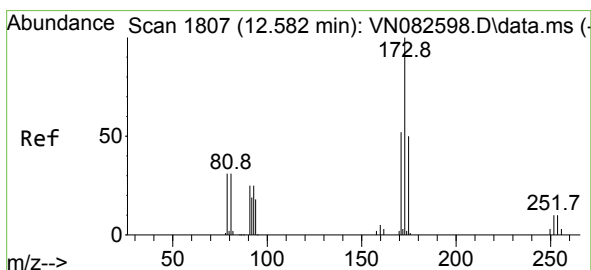
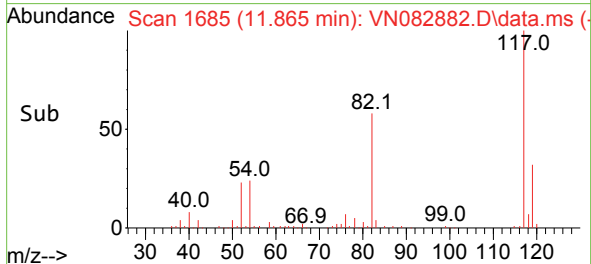
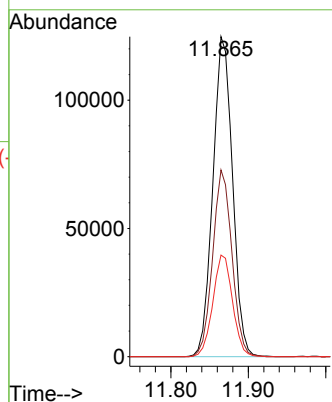
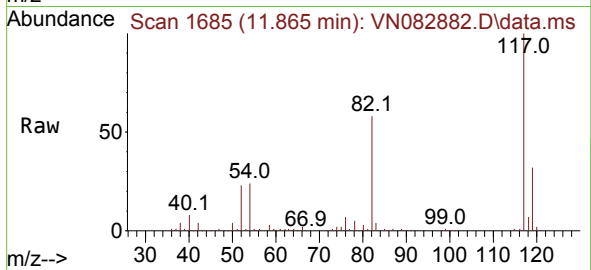
Tgt Ion:117 Resp: 219880

Ion Ratio Lower Upper

117 100

82 58.4 47.5 71.3

119 31.8 25.6 38.4



#71

Bromoform

Concen: 0.484 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.265 min

Lab File: VN082882.D

Acq: 11 Jul 2024 17:33

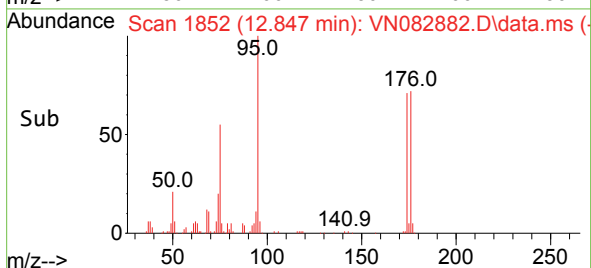
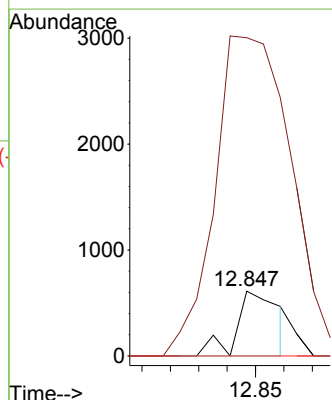
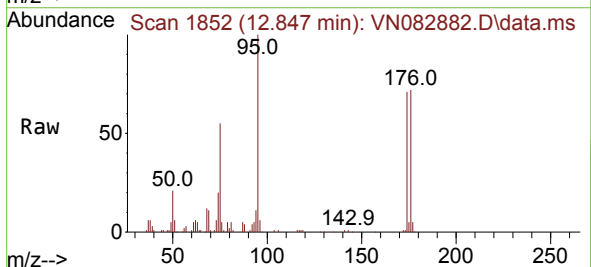
Tgt Ion:173 Resp: 638

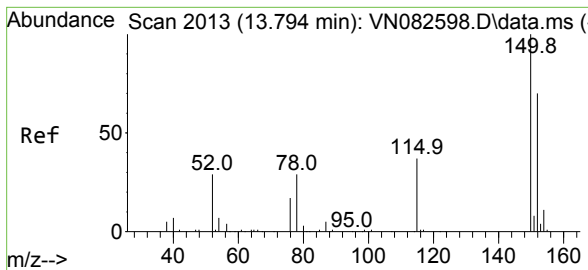
Ion Ratio Lower Upper

173 100

175 747.3 24.0 72.0#

254 0.0 0.0 0.0

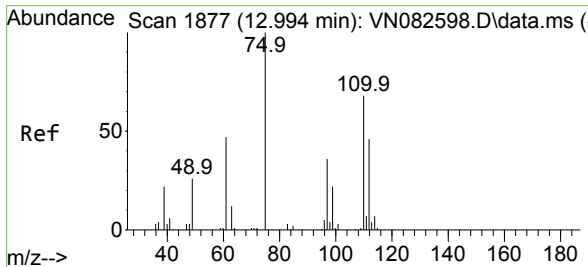
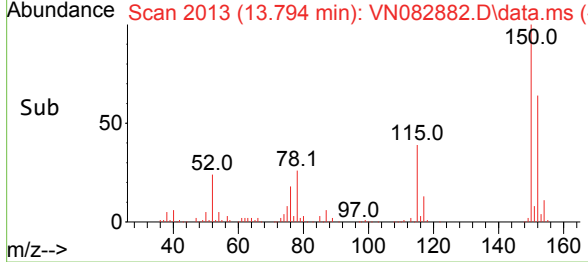
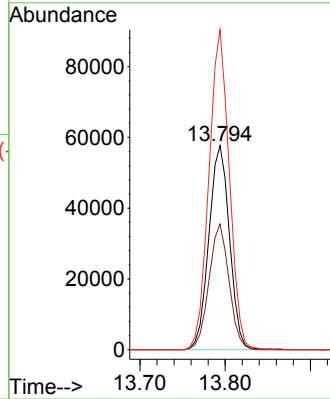
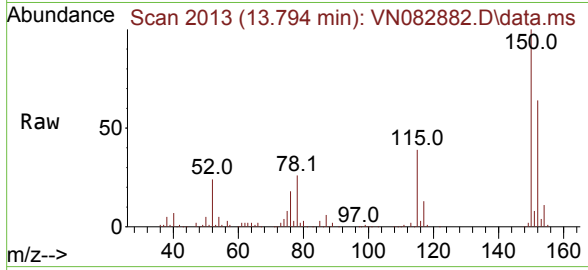




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082882.D
 Acq: 11 Jul 2024 17:33

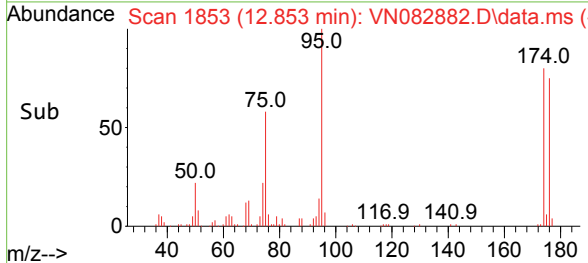
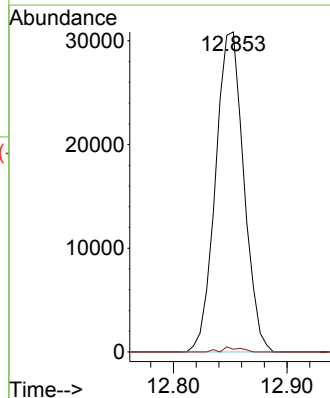
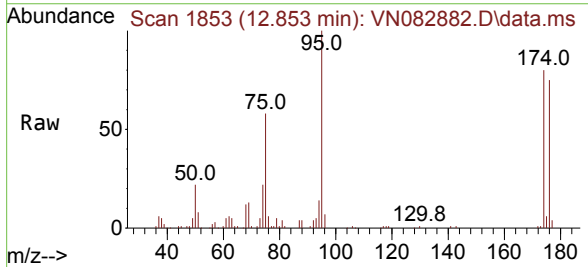
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-TB-20240709

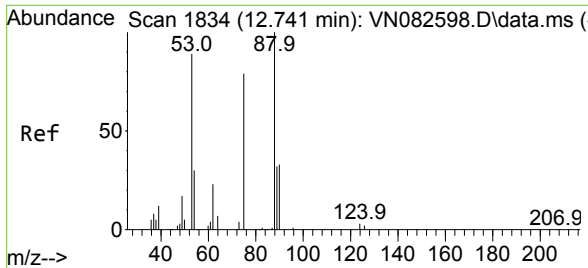
Tgt Ion:152 Resp: 96773
 Ion Ratio Lower Upper
 152 100
 115 60.0 30.6 91.6
 150 155.0 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 31.933 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN082882.D
 Acq: 11 Jul 2024 17:33

Tgt Ion: 75 Resp: 53277
 Ion Ratio Lower Upper
 75 100
 77 1.0 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.802 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN082882.D
 Acq: 11 Jul 2024 17:33

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-TB-20240709

Tgt Ion: 75 Resp: 53277
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.4 132.6#
 89 0.0 36.3 54.5#

