

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071924\
 Data File : VN082985.D
 Acq On : 19 Jul 2024 13:46
 Operator : JC\MD
 Sample : P3307-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-TB-20240716

Quant Time: Jul 22 02:05:03 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)

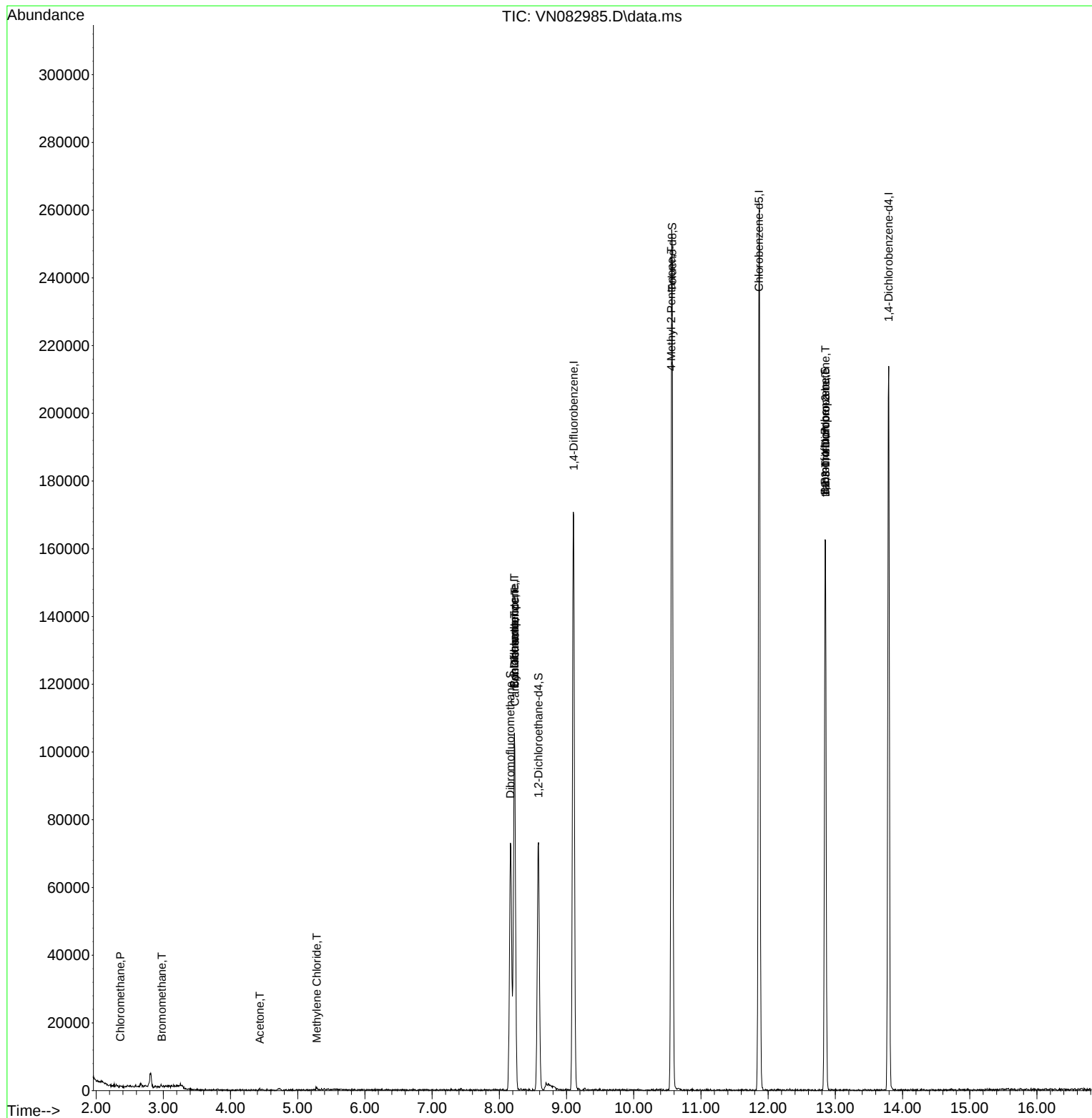
Internal Standards						
1) Pentafluorobenzene	8.224	168	73099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	145348	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	144607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	57401	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	60666	59.204	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 118.400%			
35) Dibromofluoromethane	8.165	113	50252	53.880	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.760%			
50) Toluene-d8	10.571	98	173386	50.333	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.660%			
62) 4-Bromofluorobenzene	12.847	95	52189	42.177	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 84.360%			
Target Compounds						Qvalue
3) Chloromethane	2.360	50	300	0.334	ug/l #	43
5) Bromomethane	2.977	94	378	0.556	ug/l #	59
16) Acetone	4.436	43	215	0.596	ug/l #	48
20) Methylene Chloride	5.283	84	222	0.255	ug/l #	18
31) Cyclohexane	8.224	56	1959	1.462	ug/l #	15
36) 1,1-Dichloropropene	8.224	75	6662	5.181	ug/l #	51
38) Carbon Tetrachloride	8.230	117	7901	5.103	ug/l #	13
43) Isopropyl Acetate	8.700	43	1541	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.559	43	828	0.638	ug/l #	1
71) Bromoform	12.847	173	293	0.338	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	30425	30.744	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	30425	60.464	ug/l #	6

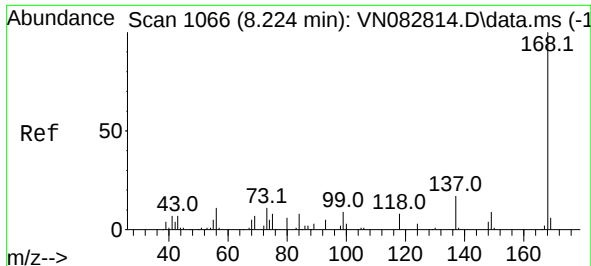
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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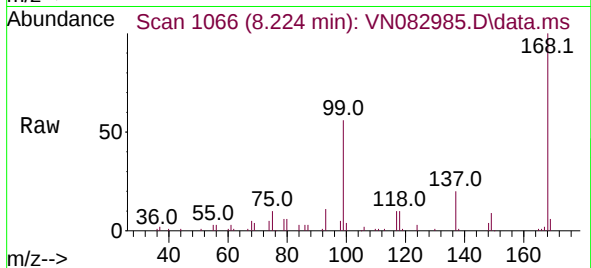
Quant Time: Jul 22 02:05:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration



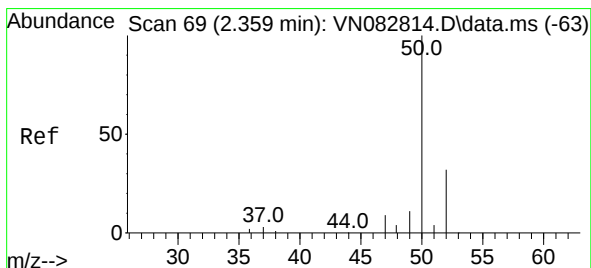
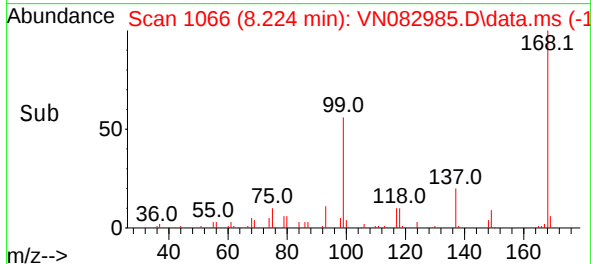
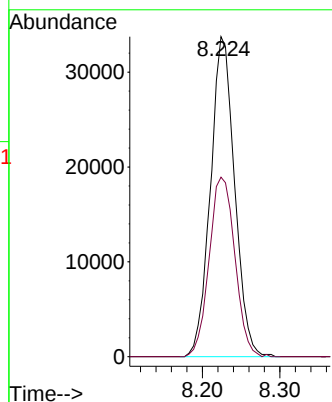


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN082985.D
Acq: 19 Jul 2024 13:46

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-TB-20240716

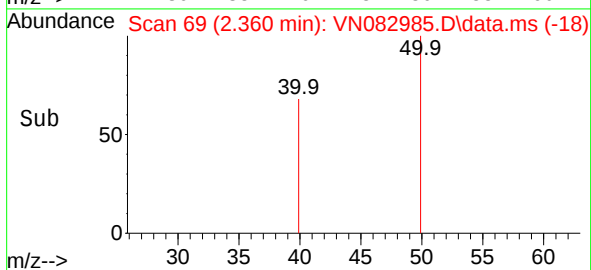
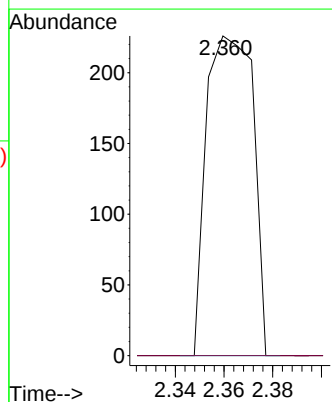
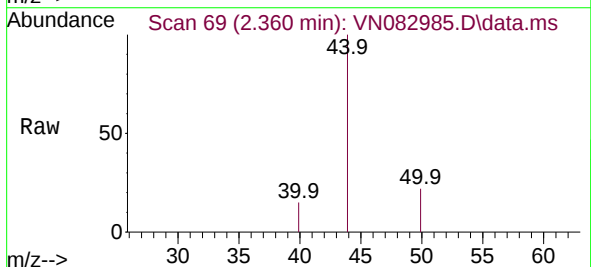


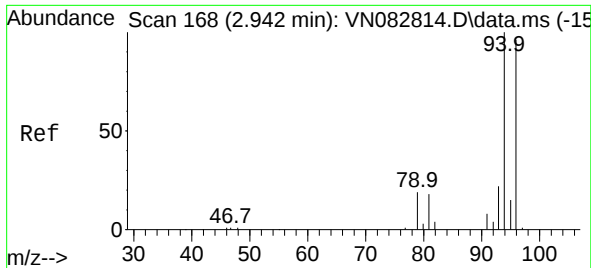
Tgt Ion:168 Resp: 73099
Ion Ratio Lower Upper
168 100
99 56.1 48.2 72.4



#3
Chloromethane
Concen: 0.334 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.001 min
Lab File: VN082985.D
Acq: 19 Jul 2024 13:46

Tgt Ion: 50 Resp: 300
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#





#5

Bromomethane

Concen: 0.556 ug/l

RT: 2.977 min Scan# 11

Delta R.T. 0.030 min

Lab File: VN082985.D

Acq: 19 Jul 2024 13:46

Instrument :

MSVOA_N

ClientSampleId :

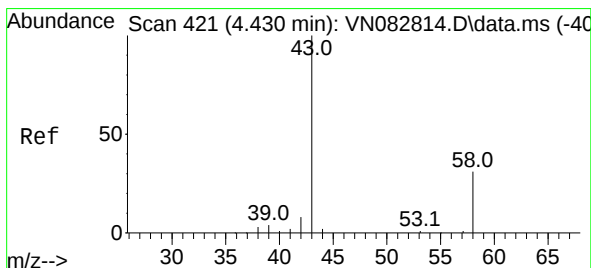
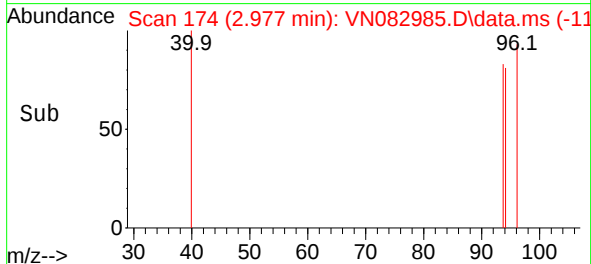
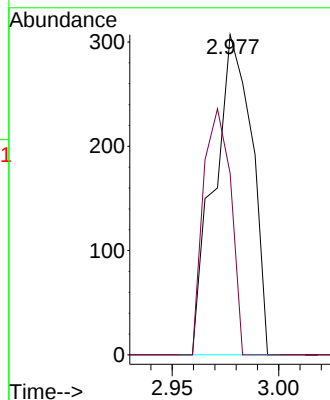
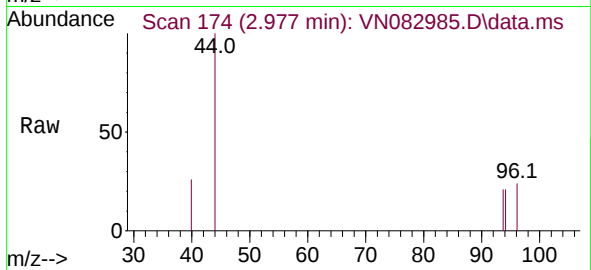
BP-VPB-189-TB-20240716

Tgt Ion: 94 Resp: 378

Ion Ratio Lower Upper

94 100

96 56.7 78.0 117.0#



#16

Acetone

Concen: 0.596 ug/l

RT: 4.436 min Scan# 422

Delta R.T. 0.006 min

Lab File: VN082985.D

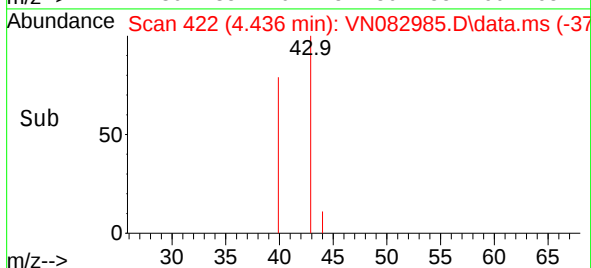
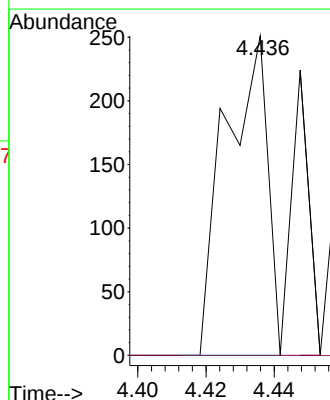
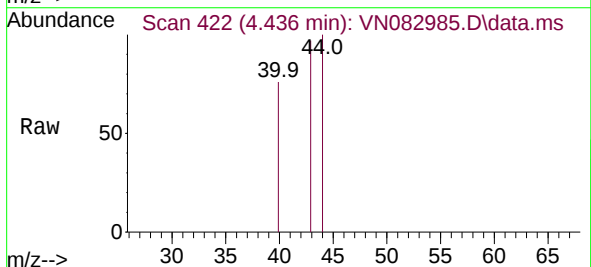
Acq: 19 Jul 2024 13:46

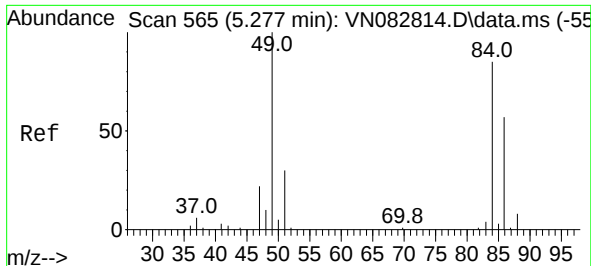
Tgt Ion: 43 Resp: 215

Ion Ratio Lower Upper

43 100

58 0.0 21.8 32.6#





#20

Methylene Chloride

Concen: 0.255 ug/l

RT: 5.283 min Scan# 5

Delta R.T. 0.006 min

Lab File: VN082985.D

Acq: 19 Jul 2024 13:46

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-TB-20240716

Tgt Ion: 84 Resp: 222

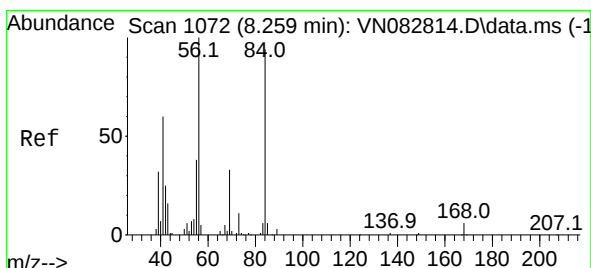
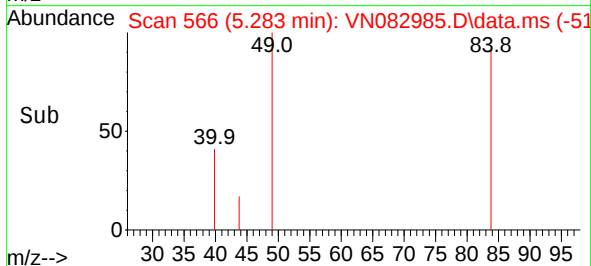
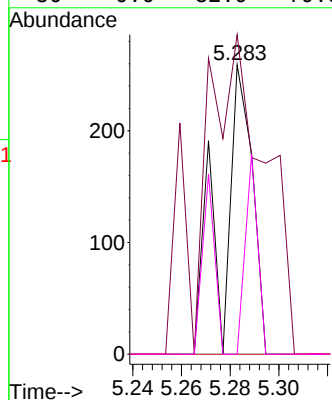
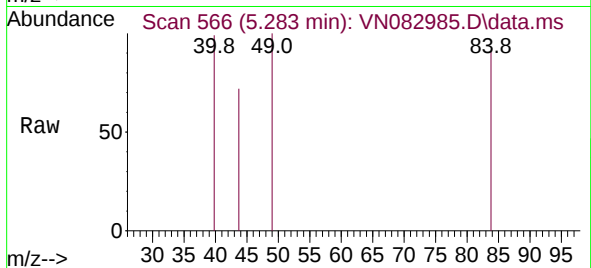
Ion Ratio Lower Upper

84 100

49 41.7 119.6 179.4#

51 0.0 34.8 52.2#

86 0.0 52.9 79.3#



#31

Cyclohexane

Concen: 1.462 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

Lab File: VN082985.D

Acq: 19 Jul 2024 13:46

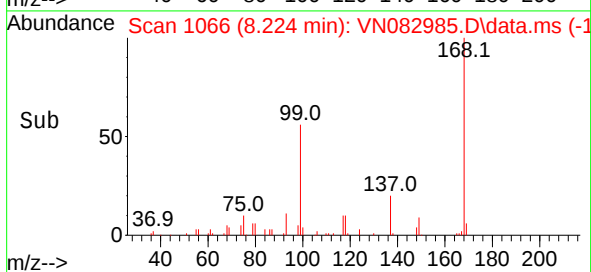
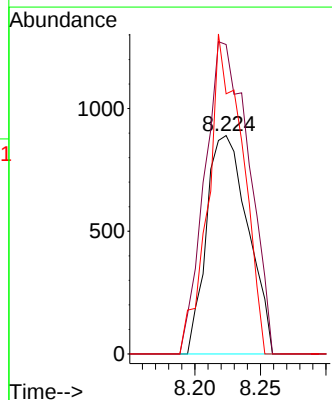
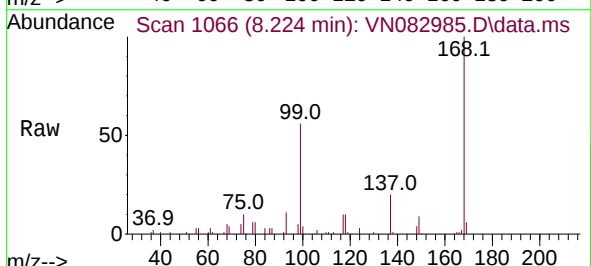
Tgt Ion: 56 Resp: 1959

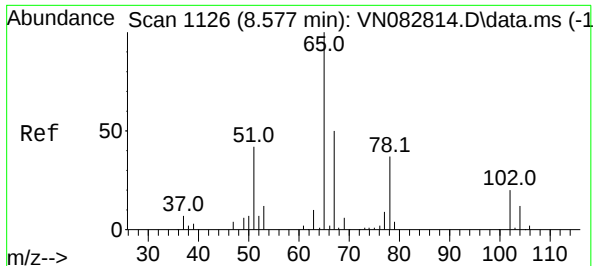
Ion Ratio Lower Upper

56 100

69 141.7 24.5 36.7#

84 119.1 66.0 99.0#

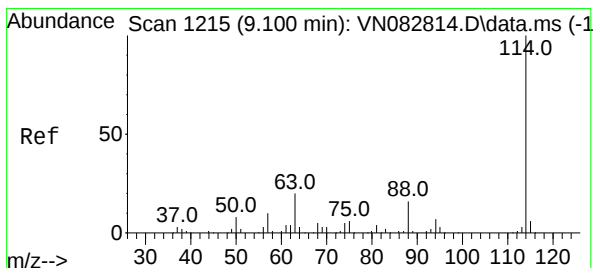
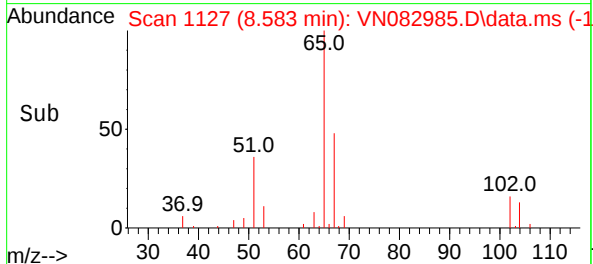
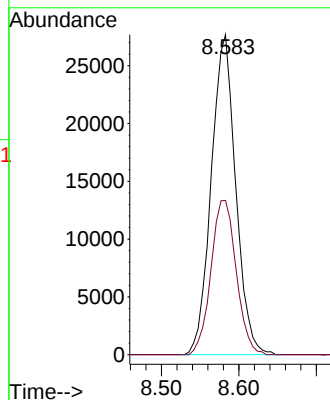
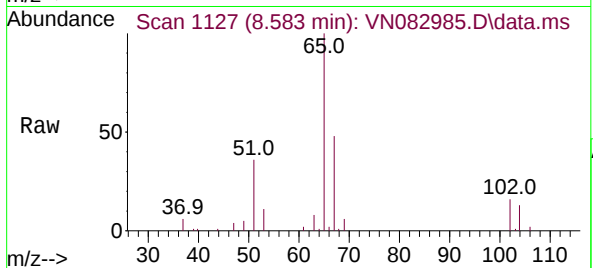




#33
1,2-Dichloroethane-d4
Concen: 59.204 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN082985.D
Acq: 19 Jul 2024 13:46

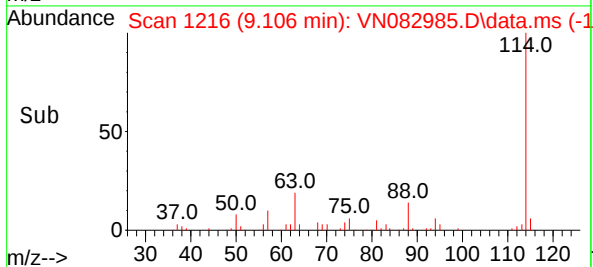
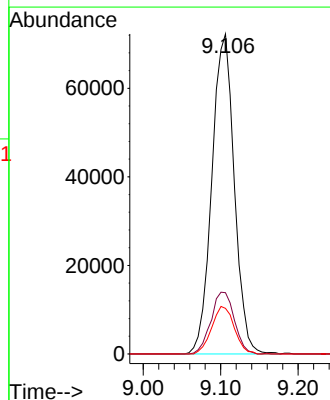
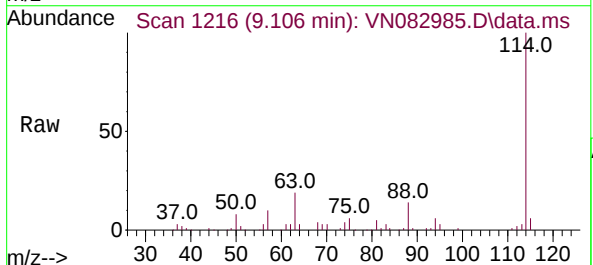
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-TB-20240716

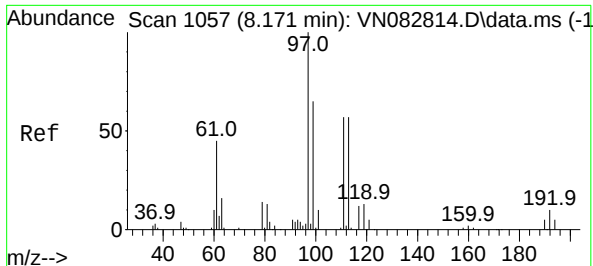
Tgt Ion: 65 Resp: 60666
Ion Ratio Lower Upper
65 100
67 49.8 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN082985.D
Acq: 19 Jul 2024 13:46

Tgt Ion: 114 Resp: 145348
Ion Ratio Lower Upper
114 100
63 19.1 0.0 44.6
88 14.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.880 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082985.D

Acq: 19 Jul 2024 13:46

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-TB-20240716

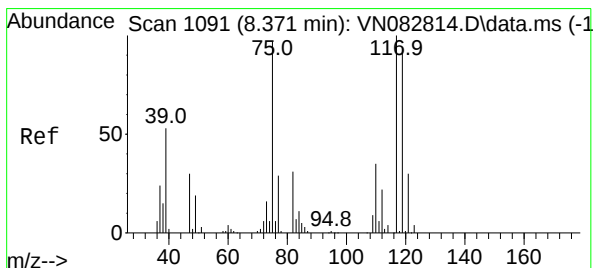
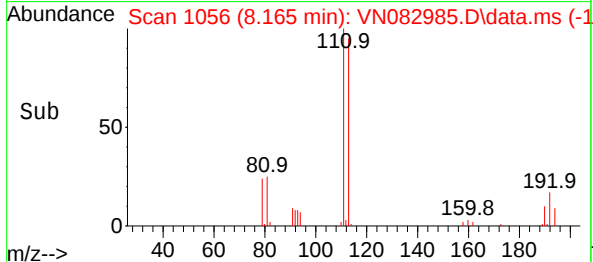
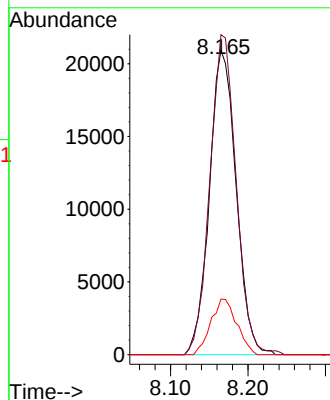
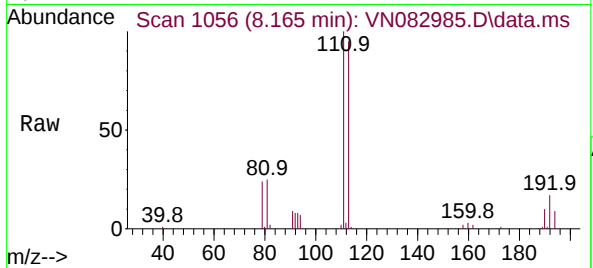
Tgt Ion:113 Resp: 50252

Ion Ratio Lower Upper

113 100

111 102.8 82.4 123.6

192 17.7 14.9 22.3



#36

1,1-Dichloropropene

Concen: 5.181 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN082985.D

Acq: 19 Jul 2024 13:46

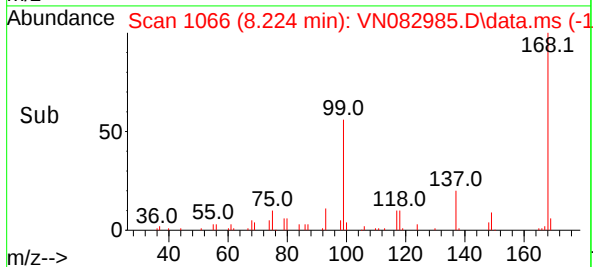
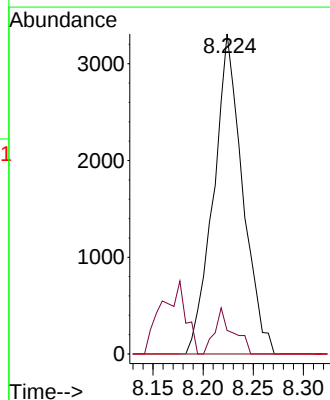
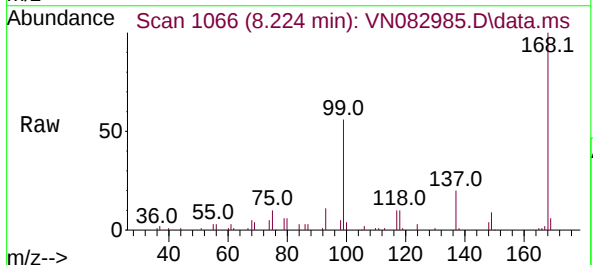
Tgt Ion: 75 Resp: 6662

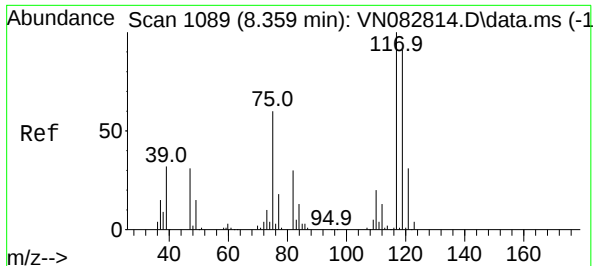
Ion Ratio Lower Upper

75 100

110 9.0 16.3 48.9#

77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.103 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.135 min

Lab File: VN082985.D

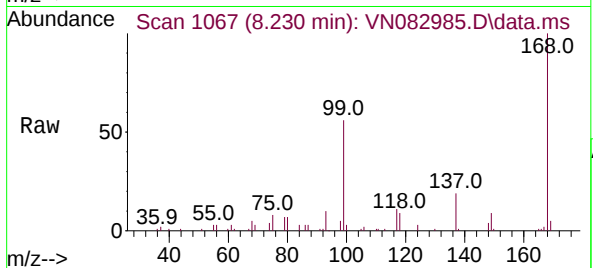
Acq: 19 Jul 2024 13:46

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-TB-20240716



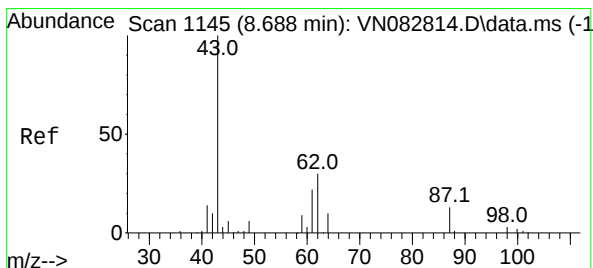
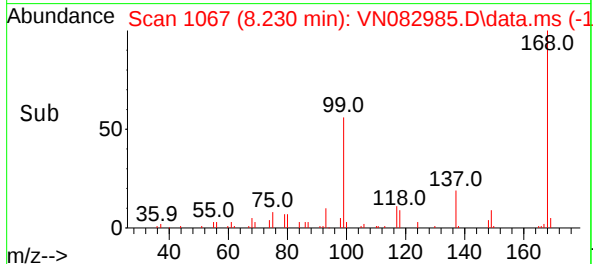
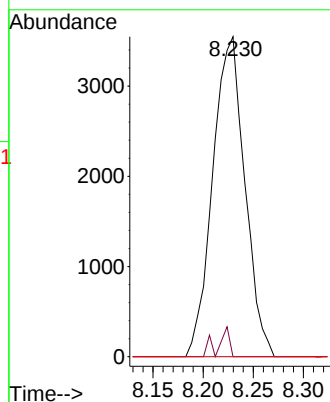
Tgt Ion:117 Resp: 7901

Ion Ratio Lower Upper

117 100

119 0.0 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.700 min Scan# 1147

Delta R.T. 0.006 min

Lab File: VN082985.D

Acq: 19 Jul 2024 13:46

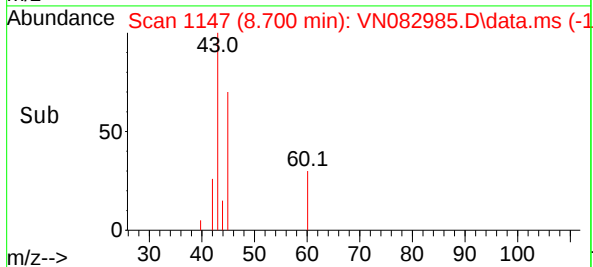
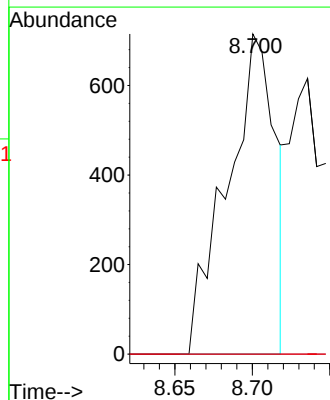
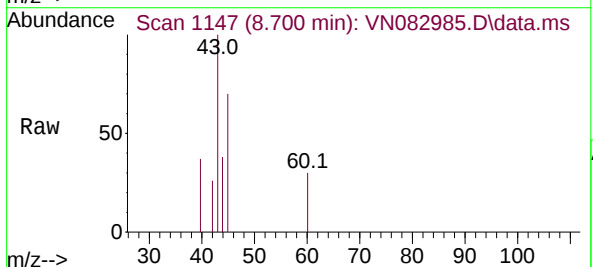
Tgt Ion: 43 Resp: 1541

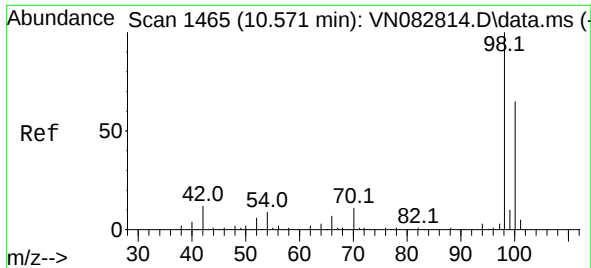
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#





#50

Toluene-d8

Concen: 50.333 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN082985.D

Acq: 19 Jul 2024 13:46

Instrument :

MSVOA_N

ClientSampleId :

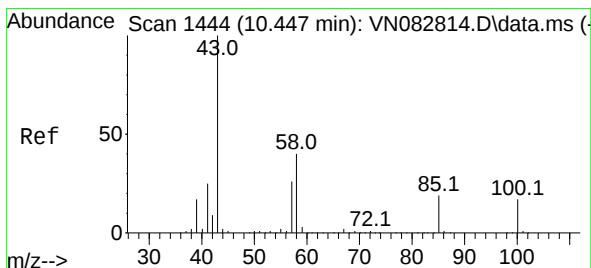
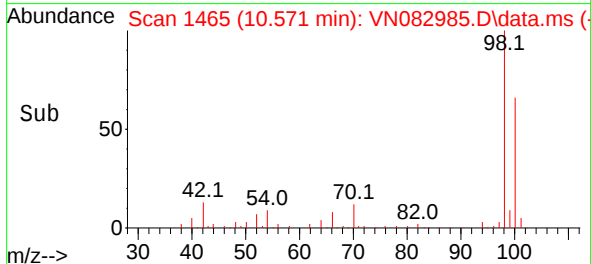
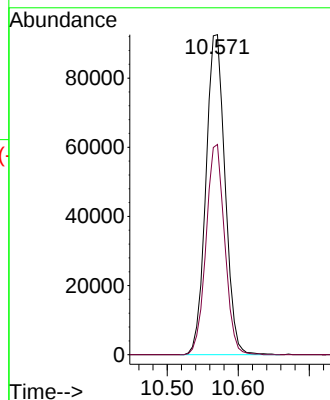
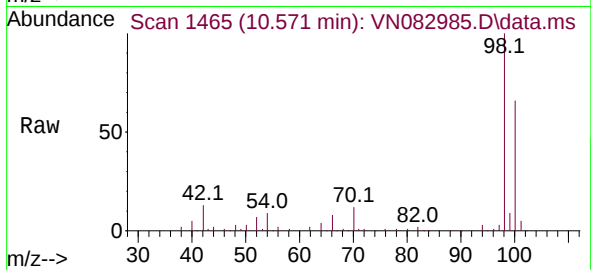
BP-VPB-189-TB-20240716

Tgt Ion: 98 Resp: 173386

Ion Ratio Lower Upper

98 100

100 64.0 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 0.638 ug/l

RT: 10.559 min Scan# 1463

Delta R.T. 0.112 min

Lab File: VN082985.D

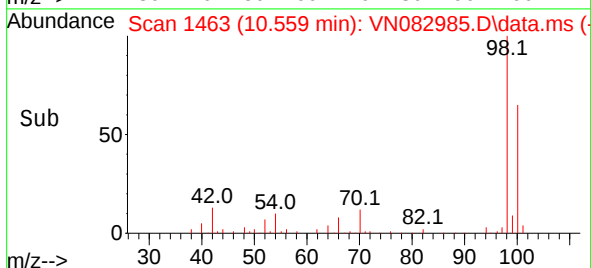
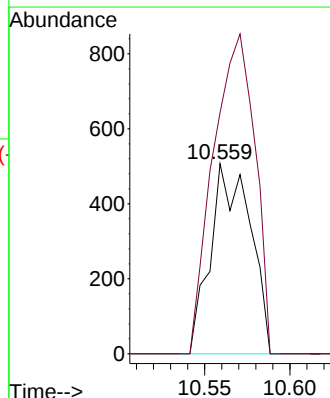
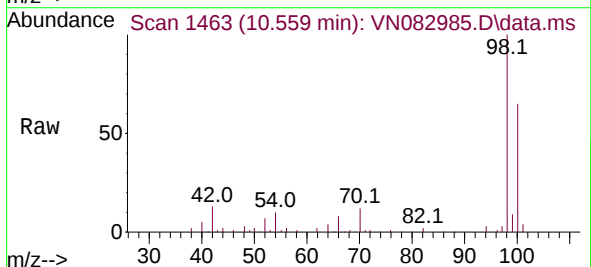
Acq: 19 Jul 2024 13:46

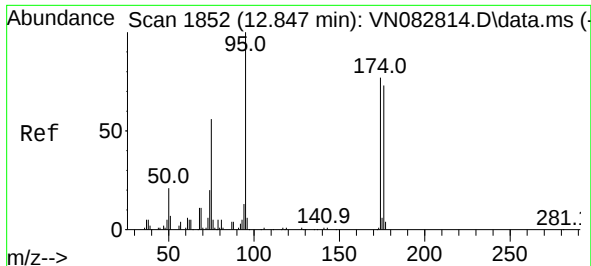
Tgt Ion: 43 Resp: 828

Ion Ratio Lower Upper

43 100

58 175.0 28.2 42.4#

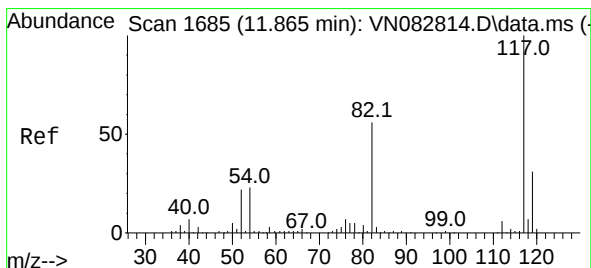
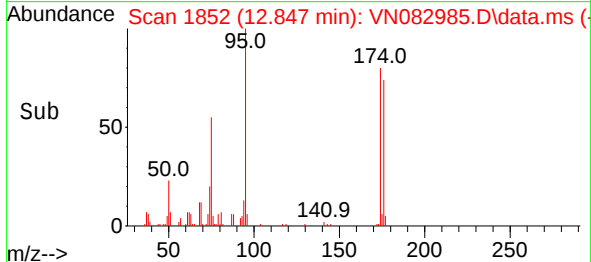
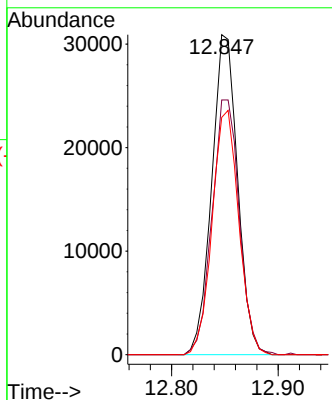
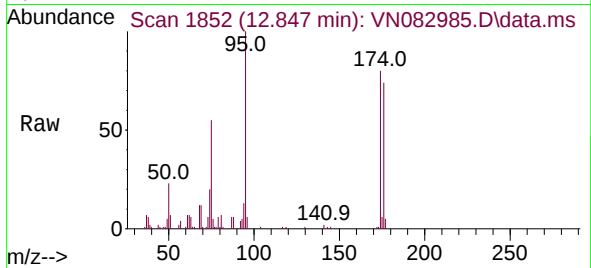




#62
4-Bromofluorobenzene
Concen: 42.177 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082985.D
Acq: 19 Jul 2024 13:46

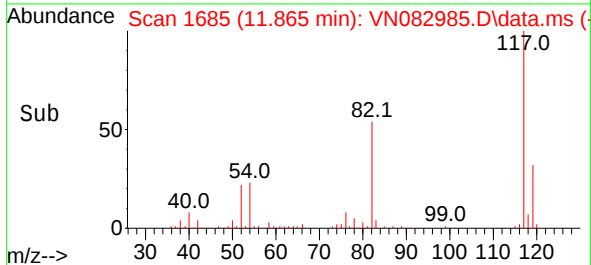
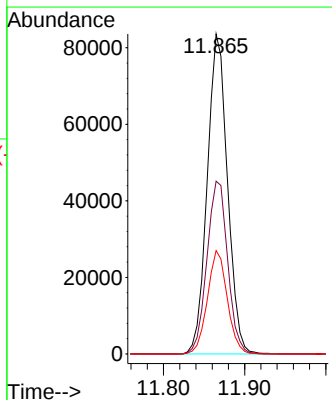
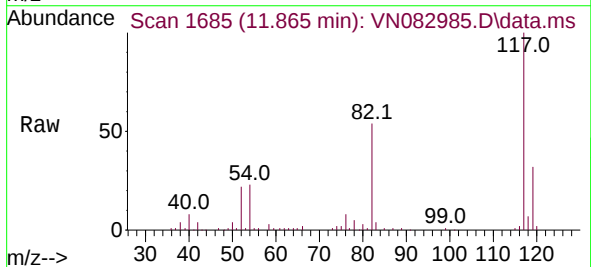
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-TB-20240716

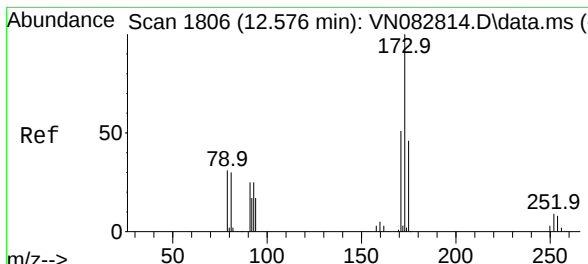
Tgt Ion:	95	Resp:	52189
Ion Ratio	Lower	Upper	
95	100		
174	83.6	0.0	159.2
176	78.5	0.0	147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082985.D
Acq: 19 Jul 2024 13:46

Tgt Ion:	117	Resp:	144607
Ion Ratio	Lower	Upper	
117	100		
82	54.0	47.5	71.3
119	32.3	25.6	38.4

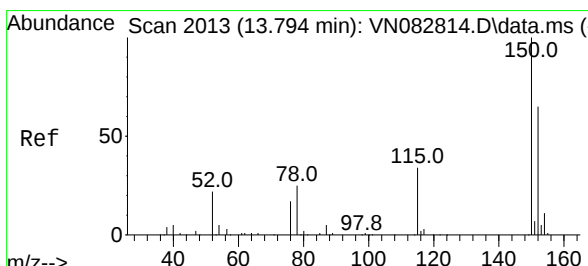
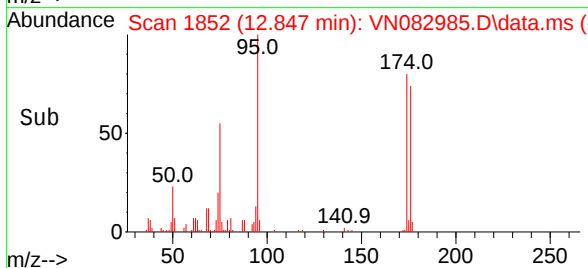
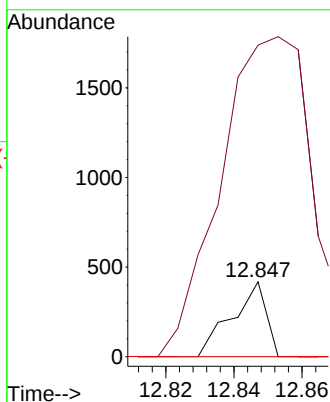
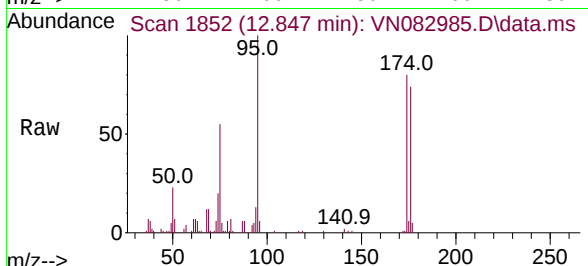




#71
Bromoform
Concen: 0.338 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.265 min
Lab File: VN082985.D
Acq: 19 Jul 2024 13:46

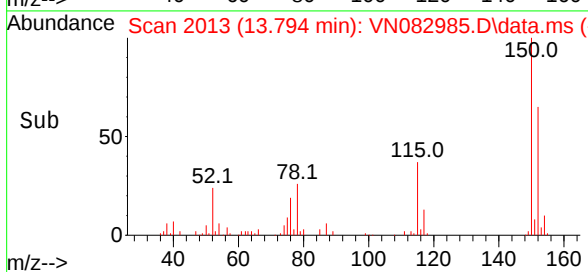
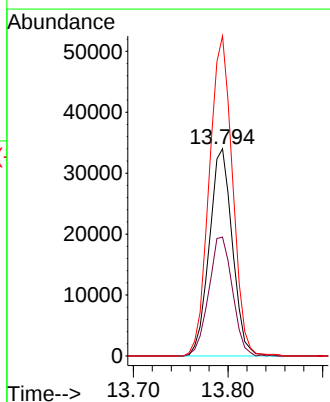
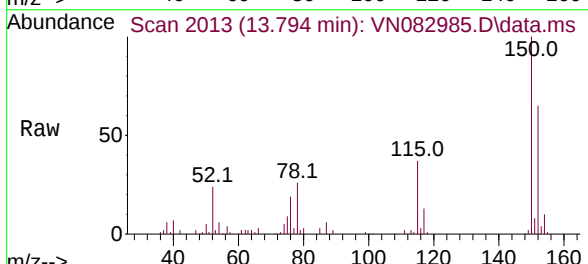
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-TB-20240716

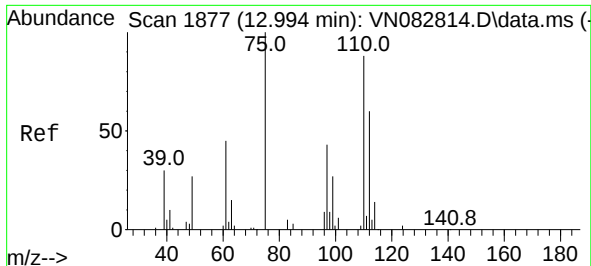
Tgt Ion:	173	Resp:	293
Ion Ratio	Lower	Upper	
173	100		
175	1008.9	24.0	72.0#
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082985.D
Acq: 19 Jul 2024 13:46

Tgt Ion:	152	Resp:	57401
Ion Ratio	Lower	Upper	
152	100		
115	59.3	30.6	91.6
150	156.0	0.0	348.6





#76

1,2,3-Trichloropropane

Concen: 30.744 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082985.D

Acq: 19 Jul 2024 13:46

Instrument :

MSVOA_N

ClientSampleId :

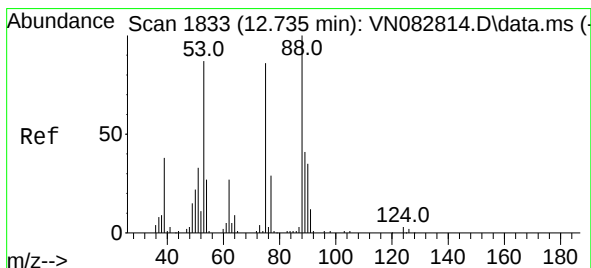
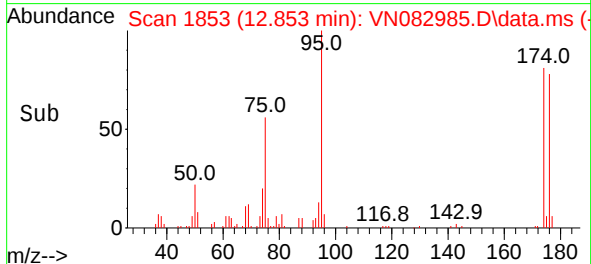
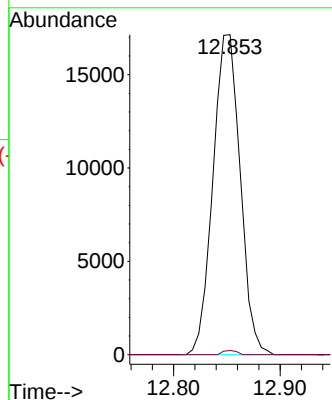
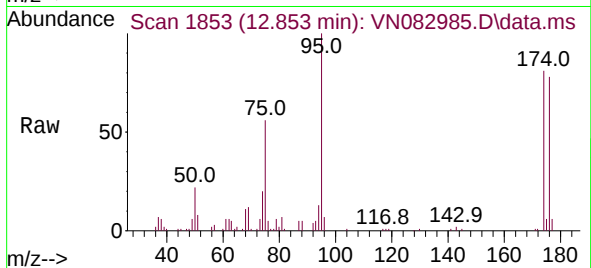
BP-VPB-189-TB-20240716

Tgt Ion: 75 Resp: 30425

Ion Ratio Lower Upper

75 100

77 0.7 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 60.464 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN082985.D

Acq: 19 Jul 2024 13:46

Tgt Ion: 75 Resp: 30425

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

