

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071924\
 Data File : VN082990.D
 Acq On : 19 Jul 2024 15:46
 Operator : JC\MD
 Sample : P3307-01RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jul 22 02:06:45 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)

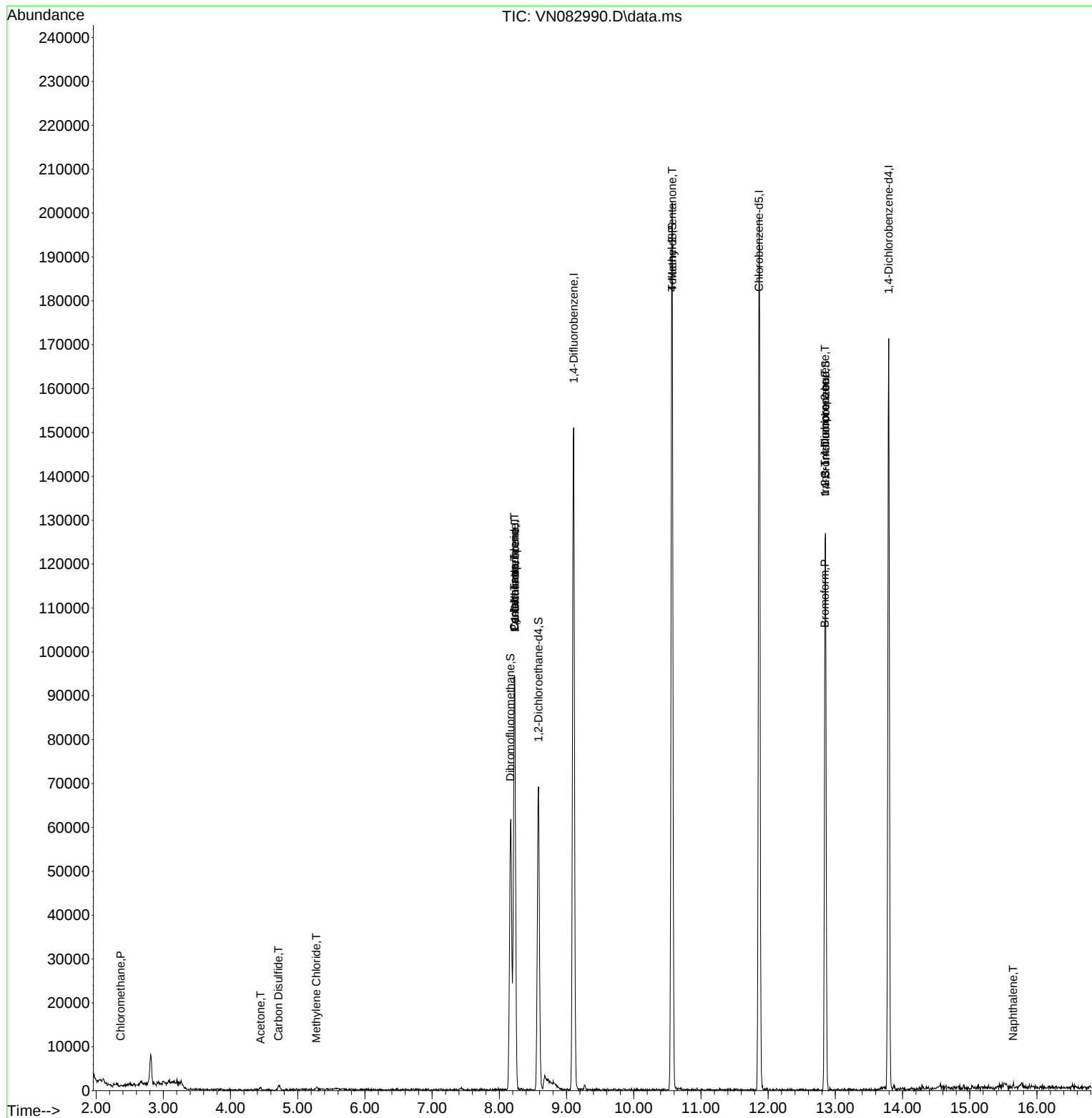
Internal Standards						
1) Pentafluorobenzene	8.230	168	67994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	127288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	111196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	44824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	55479	58.207	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.420%			
35) Dibromofluoromethane	8.165	113	42702	52.281	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.560%			
50) Toluene-d8	10.571	98	141563	46.926	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.860%			
62) 4-Bromofluorobenzene	12.853	95	40896	37.739	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 75.480%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	201	0.241	ug/l #	43
16) Acetone	4.448	43	824	2.455	ug/l #	48
17) Carbon Disulfide	4.712	76	725	0.350	ug/l #	75
20) Methylene Chloride	5.277	84	357	0.441	ug/l #	67
31) Cyclohexane	8.224	56	1785	1.432	ug/l #	12
36) 1,1-Dichloropropene	8.230	75	5903	5.242	ug/l #	49
38) Carbon Tetrachloride	8.224	117	7349	5.420	ug/l #	18
43) Isopropyl Acetate	8.677	43	2702	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.571	43	635	0.559	ug/l #	1
71) Bromoform	12.841	173	389	0.584	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	23138	29.941	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	23138	58.885	ug/l #	6
95) Naphthalene	15.647	128	815	0.300	ug/l #	69

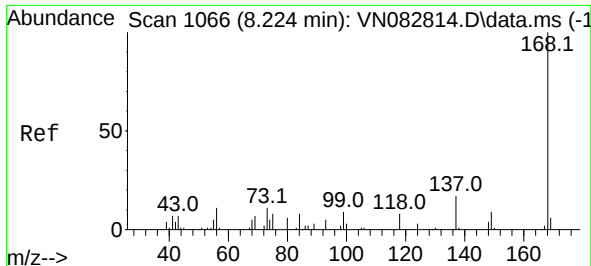
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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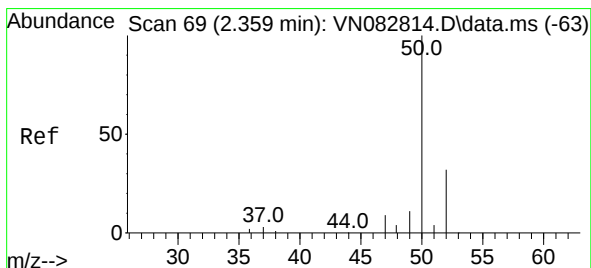
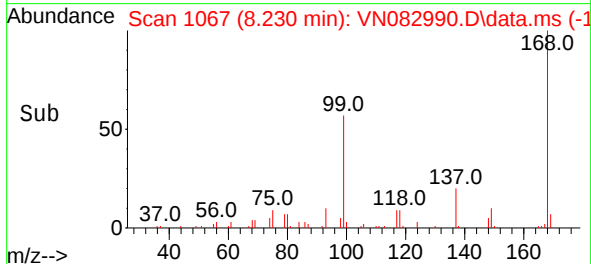
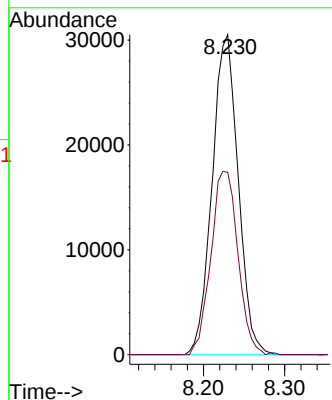
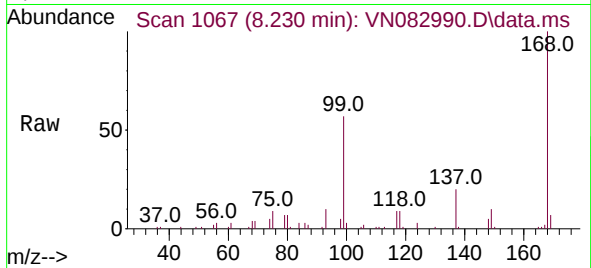




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN082990.D
Acq: 19 Jul 2024 15:46

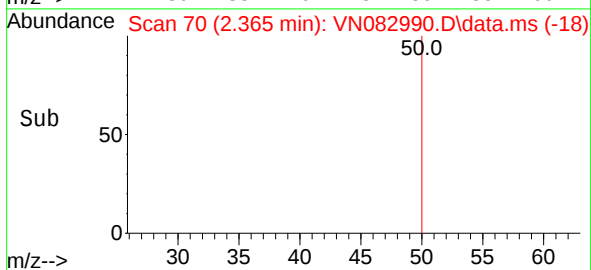
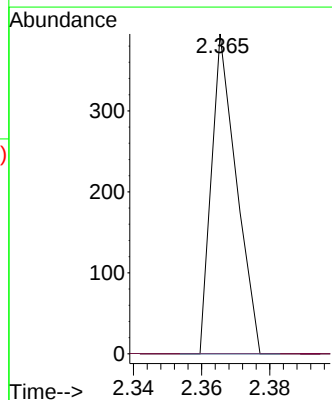
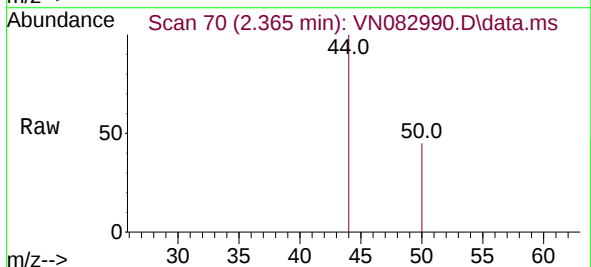
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-TB-20240716RE

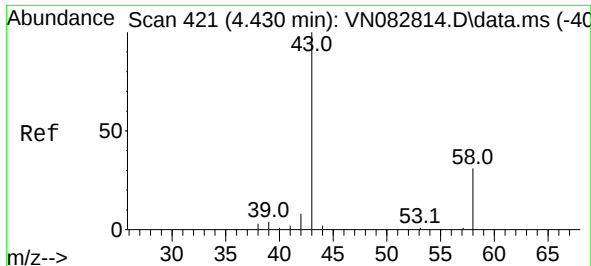
Tgt Ion:168 Resp: 67994
Ion Ratio Lower Upper
168 100
99 57.0 48.2 72.4



#3
Chloromethane
Concen: 0.241 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082990.D
Acq: 19 Jul 2024 15:46

Tgt Ion: 50 Resp: 201
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

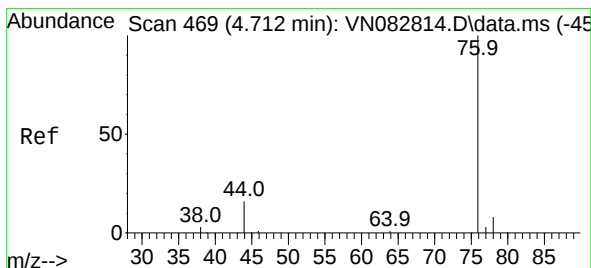
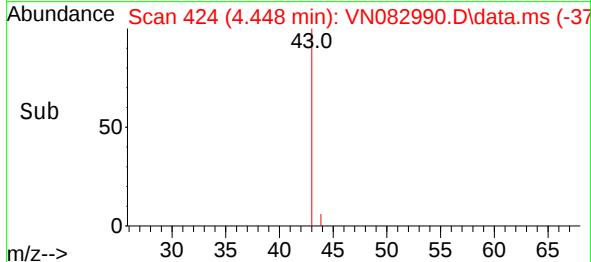
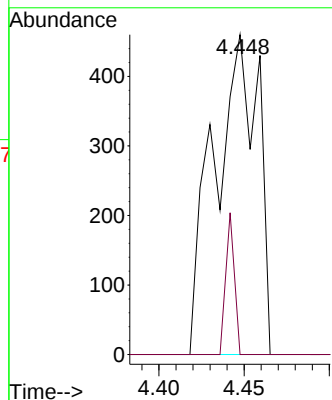
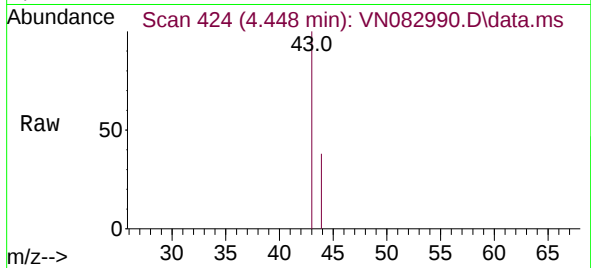




#16
Acetone
Concen: 2.455 ug/l
RT: 4.448 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN082990.D
Acq: 19 Jul 2024 15:46

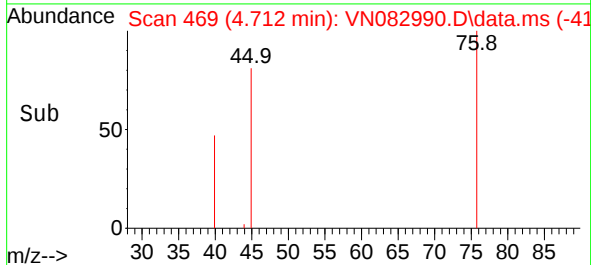
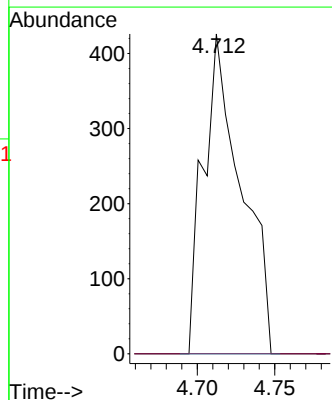
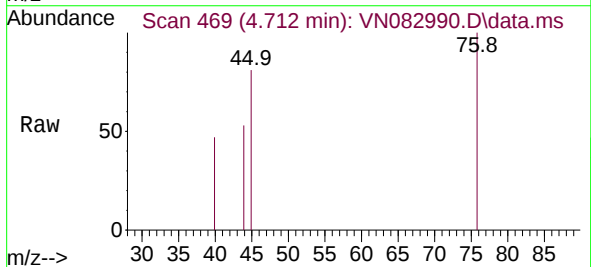
Instrument :
MSVOA_N
ClientSampleId :
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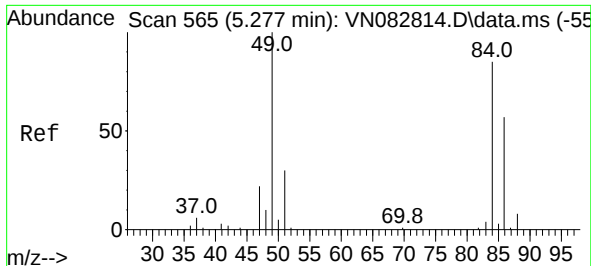
Tgt Ion: 43 Resp: 824
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#17
Carbon Disulfide
Concen: 0.350 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082990.D
Acq: 19 Jul 2024 15:46

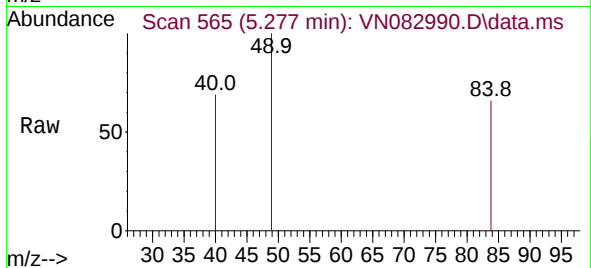
Tgt Ion: 76 Resp: 725
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



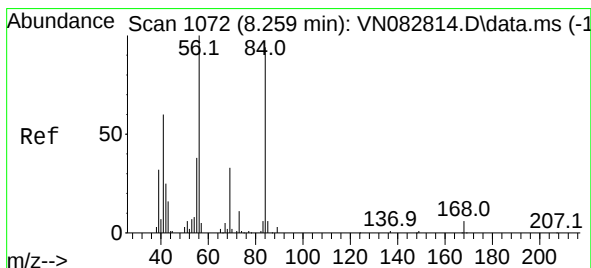
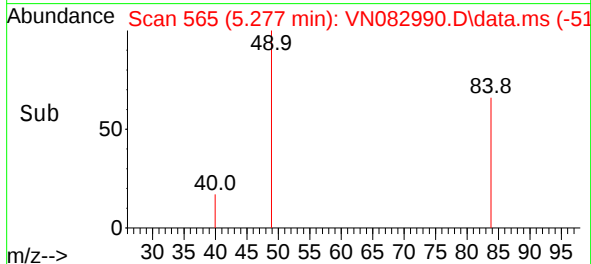
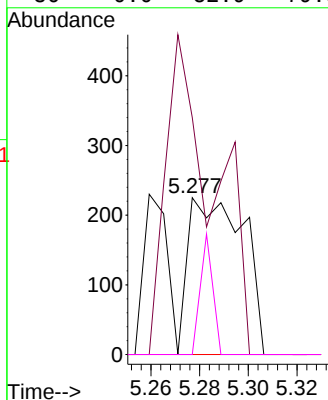


#20
Methylene Chloride
Concen: 0.441 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN082990.D
Acq: 19 Jul 2024 15:46

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

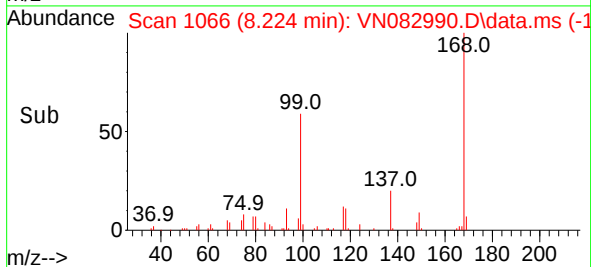
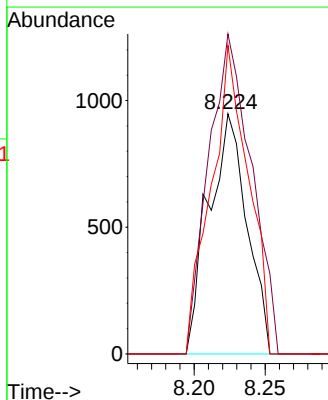
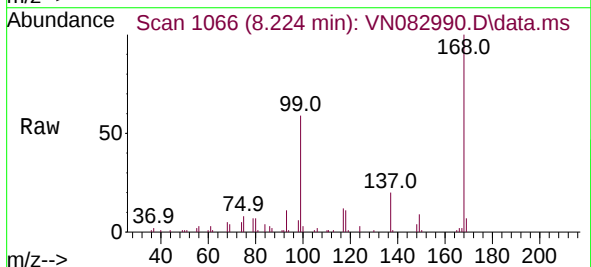


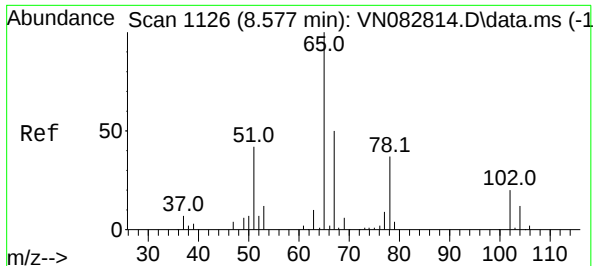
Tgt Ion:	84	Resp:	357
Ion	Ratio	Lower	Upper
84	100		
49	151.1	119.6	179.4
51	0.0	34.8	52.2#
86	0.0	52.9	79.3#



#31
Cyclohexane
Concen: 1.432 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082990.D
Acq: 19 Jul 2024 15:46

Tgt Ion:	56	Resp:	1785
Ion	Ratio	Lower	Upper
56	100		
69	133.2	24.5	36.7#
84	128.5	66.0	99.0#

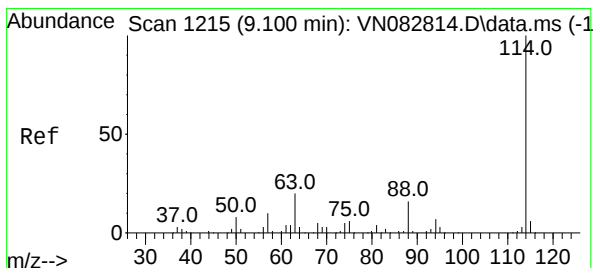
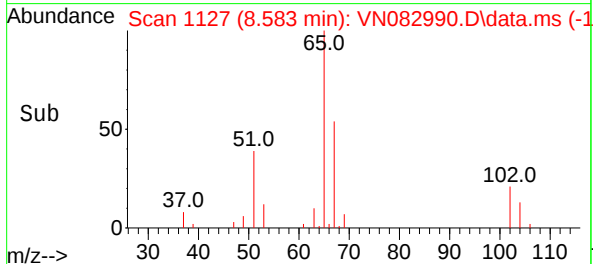
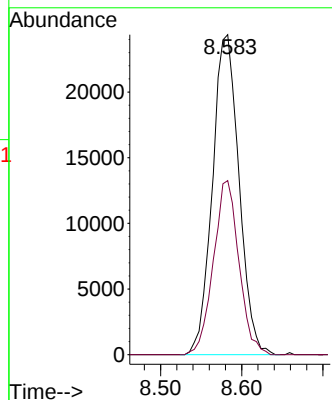
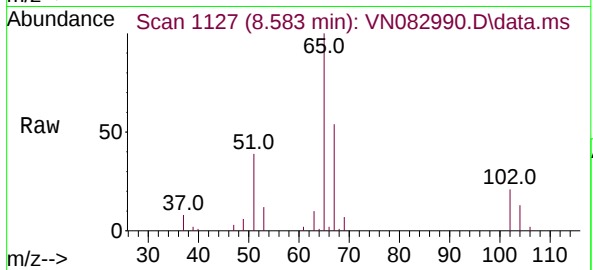




#33
1,2-Dichloroethane-d4
Concen: 58.207 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN082990.D
Acq: 19 Jul 2024 15:46

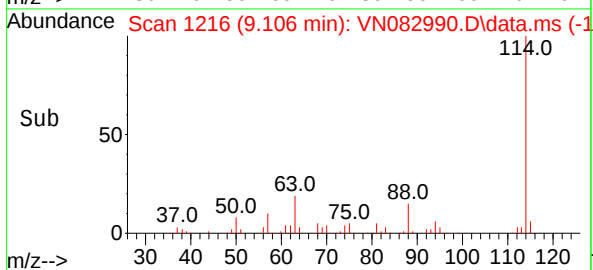
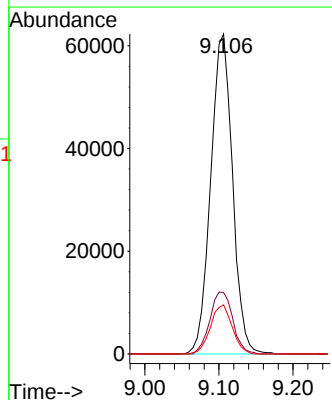
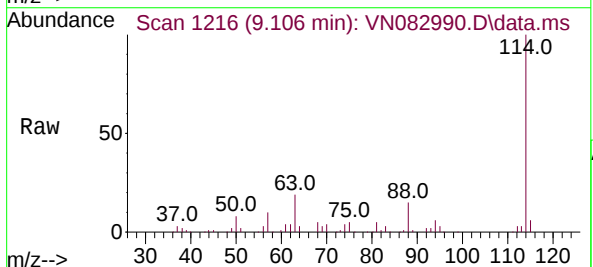
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-TB-20240716RE

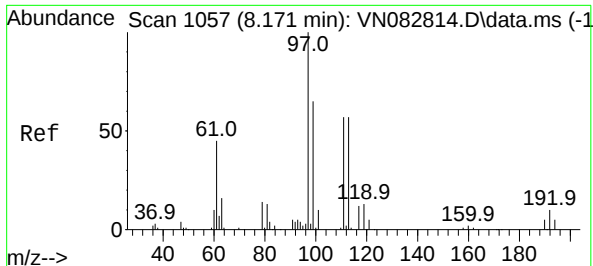
Tgt Ion: 65 Resp: 55479
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN082990.D
Acq: 19 Jul 2024 15:46

Tgt Ion: 114 Resp: 127288
Ion Ratio Lower Upper
114 100
63 19.2 0.0 44.6
88 15.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.281 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082990.D

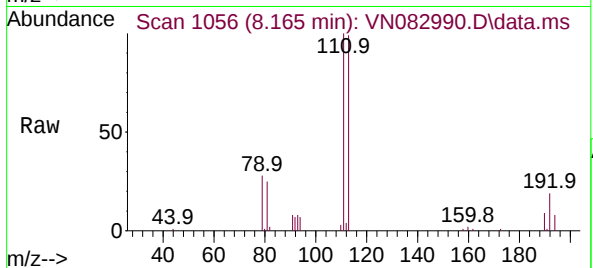
Acq: 19 Jul 2024 15:46

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-TB-20240716RE



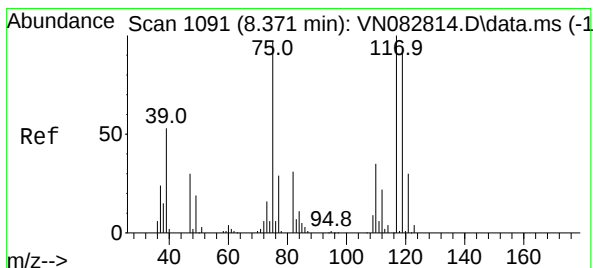
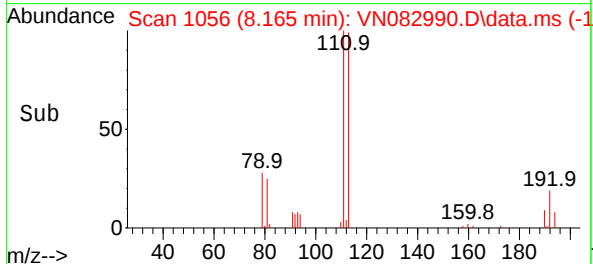
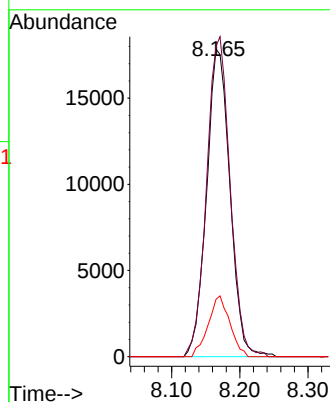
Tgt Ion:113 Resp: 42702

Ion Ratio Lower Upper

113 100

111 104.3 82.4 123.6

192 18.2 14.9 22.3



#36

1,1-Dichloropropene

Concen: 5.242 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN082990.D

Acq: 19 Jul 2024 15:46

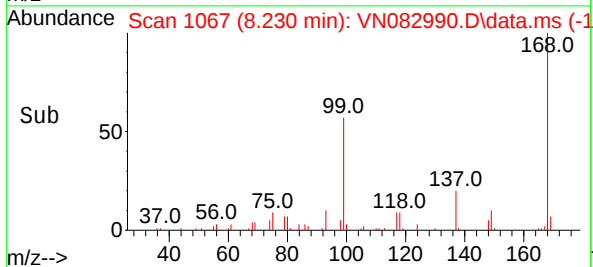
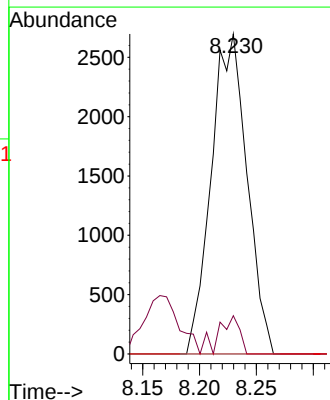
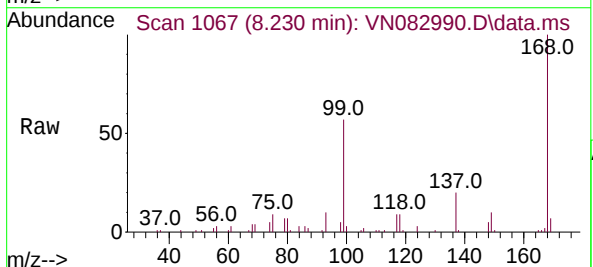
Tgt Ion: 75 Resp: 5903

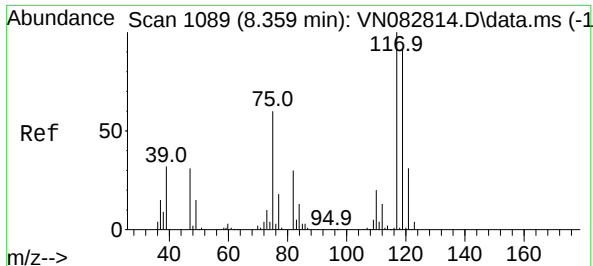
Ion Ratio Lower Upper

75 100

110 7.1 16.3 48.9#

77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.420 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.141 min

Lab File: VN082990.D

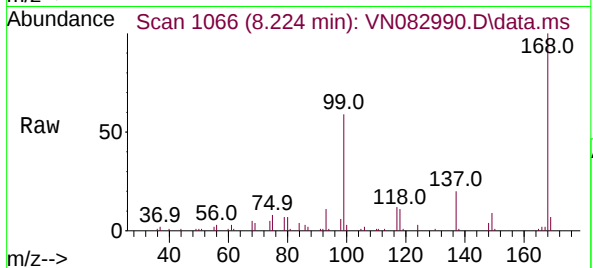
Acq: 19 Jul 2024 15:46

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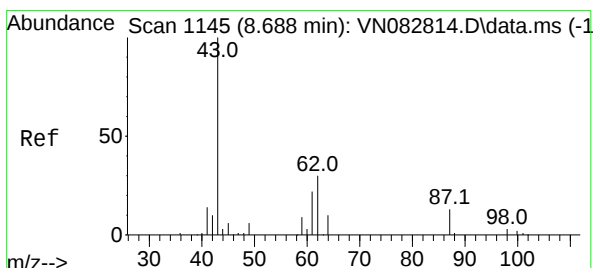
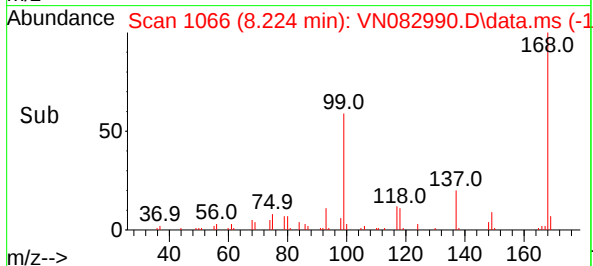
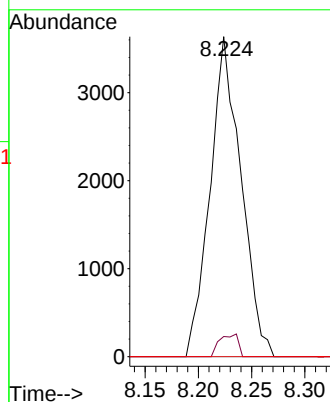
Tgt Ion:117 Resp: 7349

Ion Ratio Lower Upper

117 100

119 6.3 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.677 min Scan# 1143

Delta R.T. -0.017 min

Lab File: VN082990.D

Acq: 19 Jul 2024 15:46

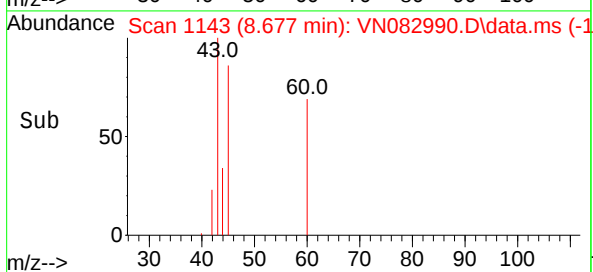
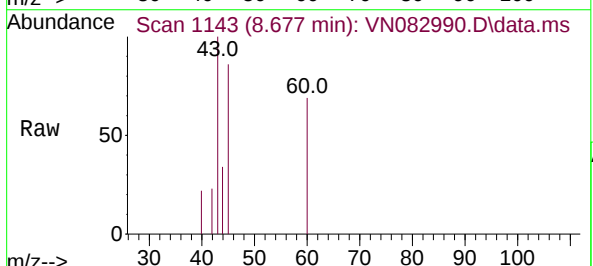
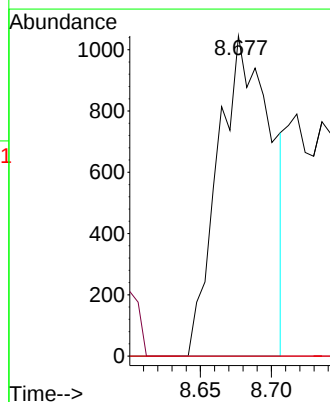
Tgt Ion: 43 Resp: 2702

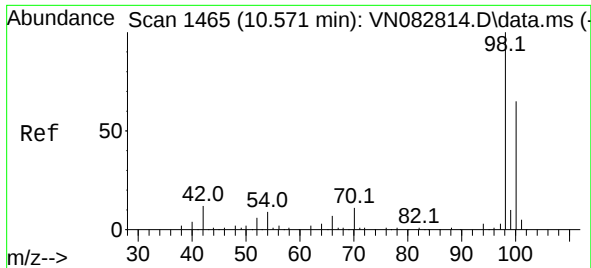
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#

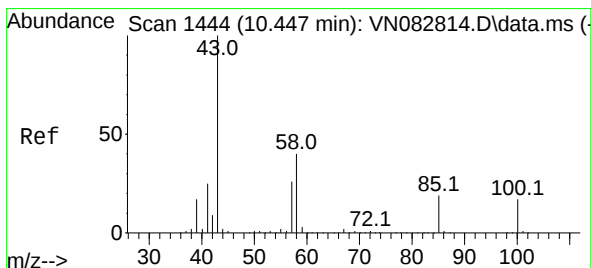
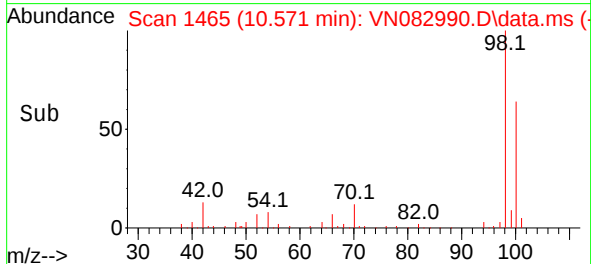
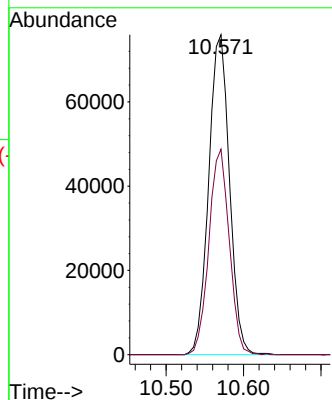
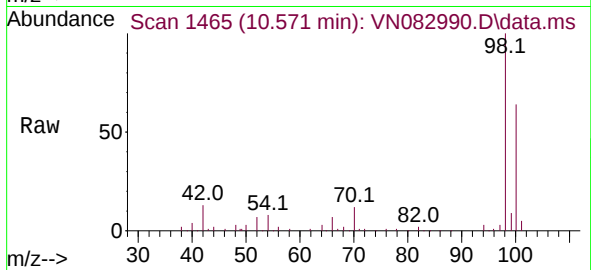




#50
Toluene-d8
Concen: 46.926 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082990.D
Acq: 19 Jul 2024 15:46

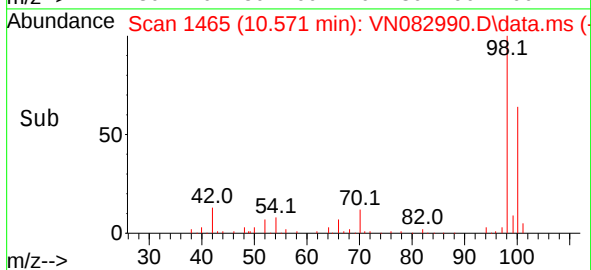
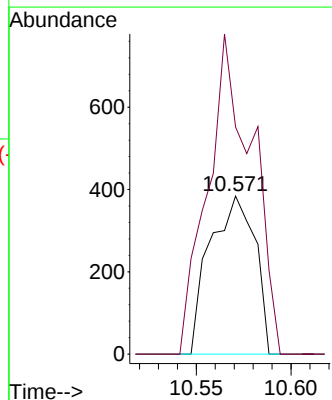
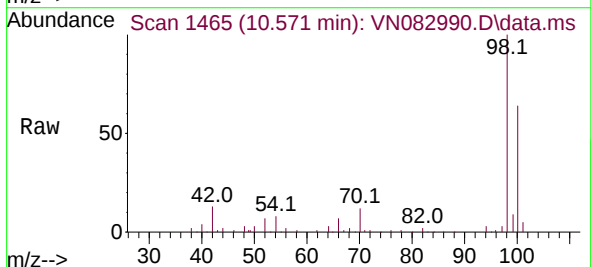
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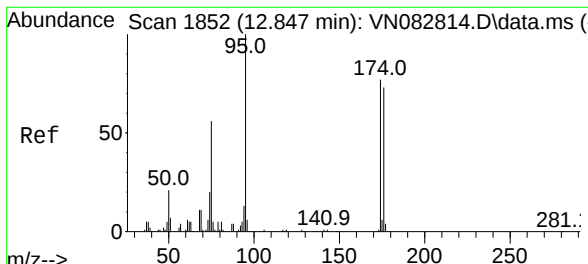
Tgt Ion: 98 Resp: 141563
Ion Ratio Lower Upper
98 100
100 62.9 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.559 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.124 min
Lab File: VN082990.D
Acq: 19 Jul 2024 15:46

Tgt Ion: 43 Resp: 635
Ion Ratio Lower Upper
43 100
58 199.8 28.2 42.4#

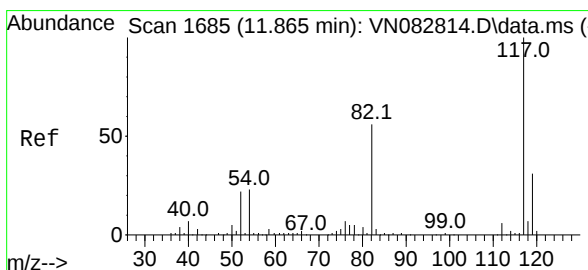
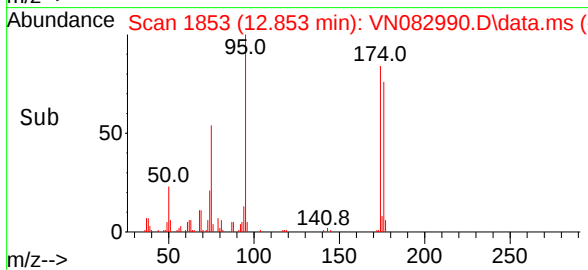
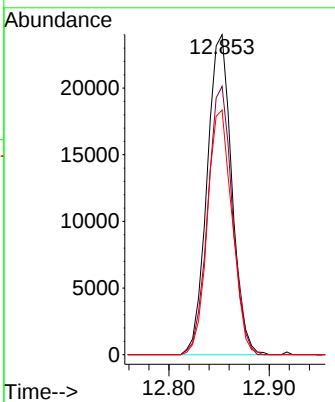
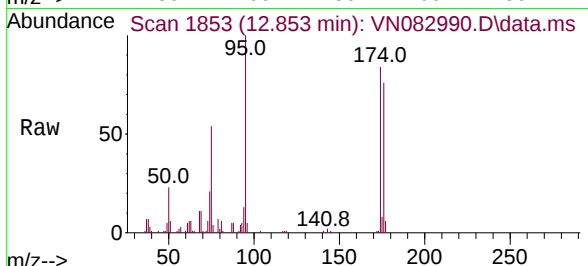




#62
4-Bromofluorobenzene
Concen: 37.739 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082990.D
Acq: 19 Jul 2024 15:46

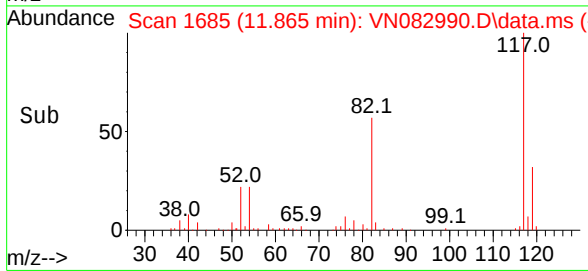
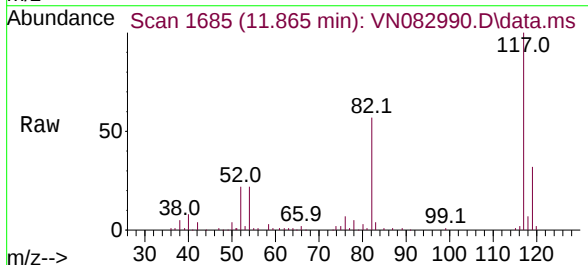
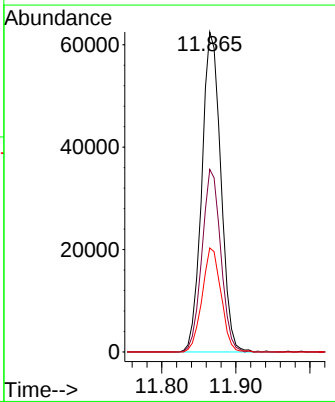
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-TB-20240716RE

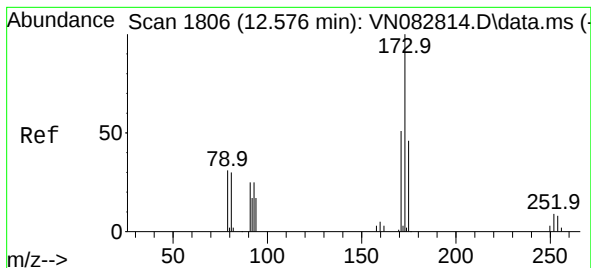
Tgt Ion:	95	Resp:	40896
Ion Ratio	Lower	Upper	
95	100		
174	83.7	0.0	159.2
176	76.5	0.0	147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082990.D
Acq: 19 Jul 2024 15:46

Tgt Ion:	117	Resp:	111196
Ion Ratio	Lower	Upper	
117	100		
82	57.1	47.5	71.3
119	32.5	25.6	38.4





#71

Bromoform

Concen: 0.584 ug/l

RT: 12.841 min Scan# 1806

Delta R.T. 0.259 min

Lab File: VN082990.D

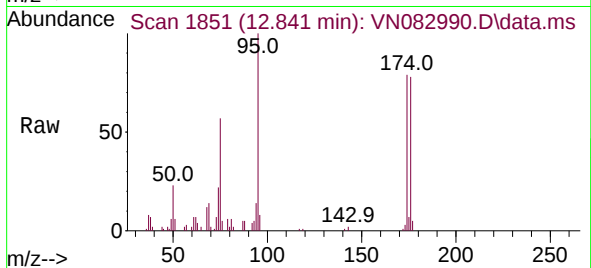
Acq: 19 Jul 2024 15:46

Instrument :

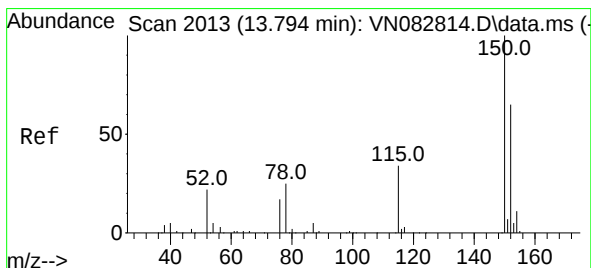
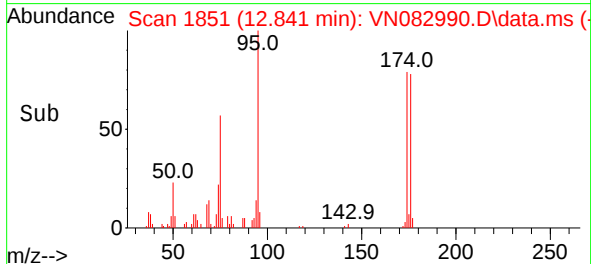
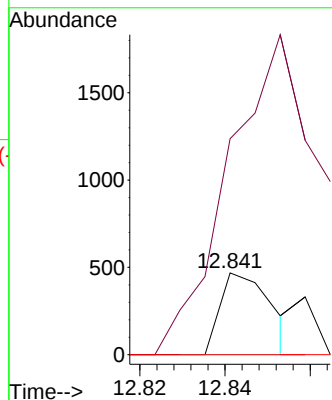
MSVOA_N

ClientSampleId :

BP-VPB-189-TB-20240716RE



Tgt Ion:	173	Resp:	389
Ion Ratio	Lower	Upper	
173	100		
175	579.2	24.0	72.0#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

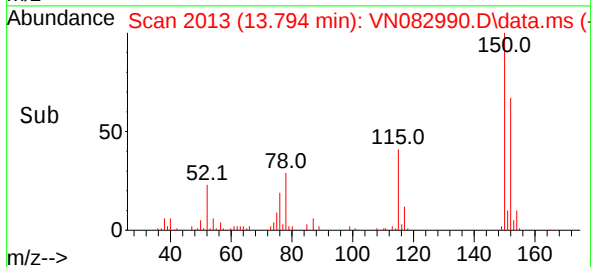
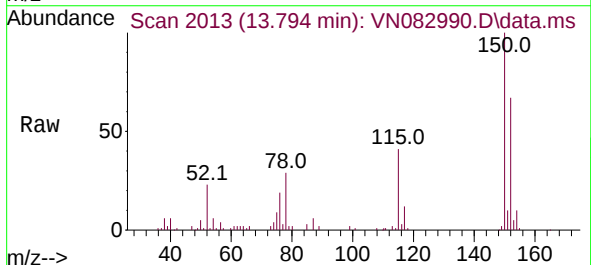
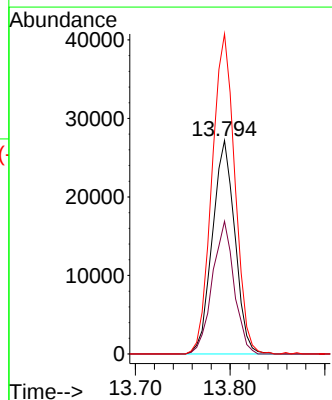
RT: 13.794 min Scan# 2013

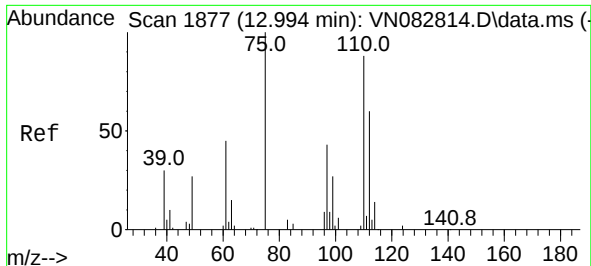
Delta R.T. 0.000 min

Lab File: VN082990.D

Acq: 19 Jul 2024 15:46

Tgt Ion:	152	Resp:	44824
Ion Ratio	Lower	Upper	
152	100		
115	59.9	30.6	91.6
150	152.6	0.0	348.6





#76

1,2,3-Trichloropropane

Concen: 29.941 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN082990.D

Acq: 19 Jul 2024 15:46

Instrument :

MSVOA_N

ClientSampleId :

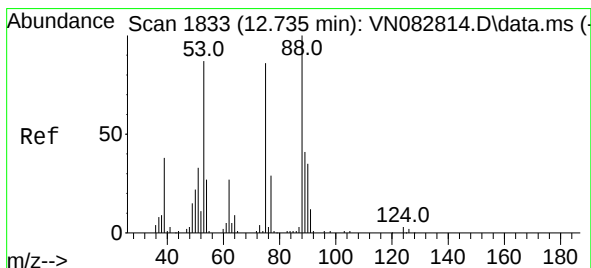
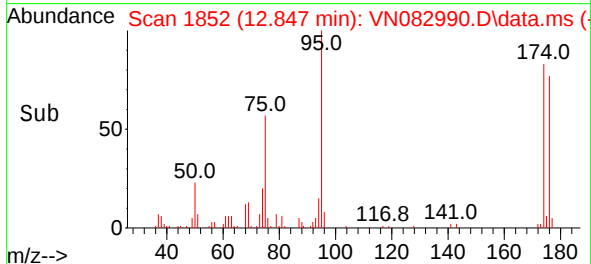
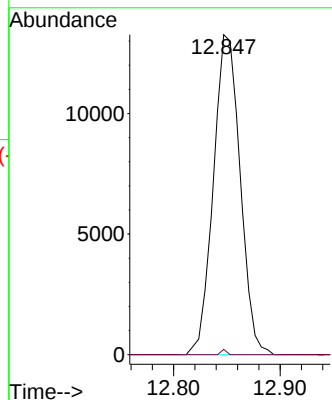
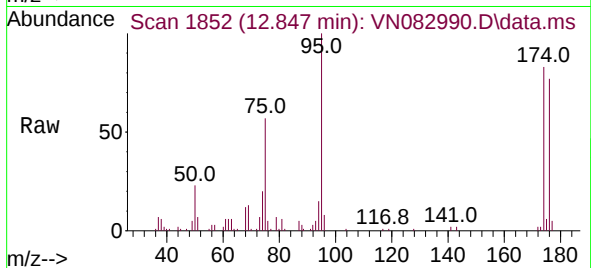
BP-VPB-189-TB-20240716RE

Tgt Ion: 75 Resp: 23138

Ion Ratio Lower Upper

75 100

77 0.3 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 58.885 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.106 min

Lab File: VN082990.D

Acq: 19 Jul 2024 15:46

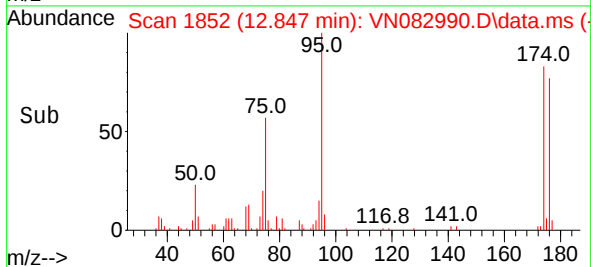
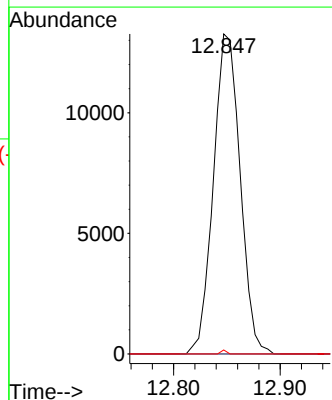
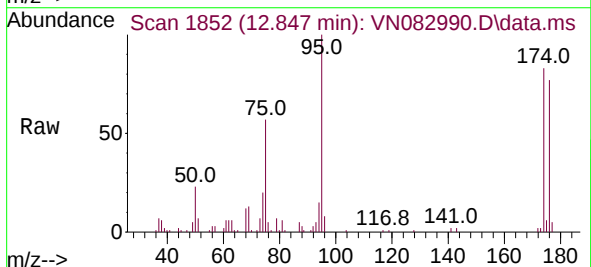
Tgt Ion: 75 Resp: 23138

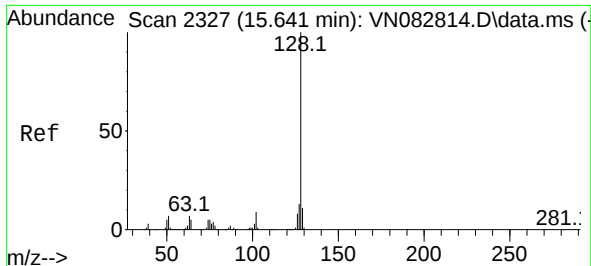
Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.3 36.3 54.5#





#95

Naphthalene

Concen: 0.300 ug/l

RT: 15.647 min Scan# 24

Delta R.T. 0.006 min

Lab File: VN082990.D

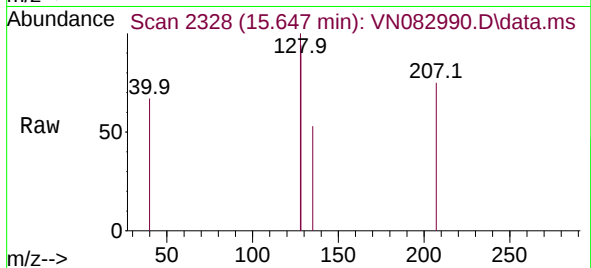
Acq: 19 Jul 2024 15:46

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-TB-20240716RE



Tgt Ion:128 Resp: 815

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 0.0 8.6 12.8#

