

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 :

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)

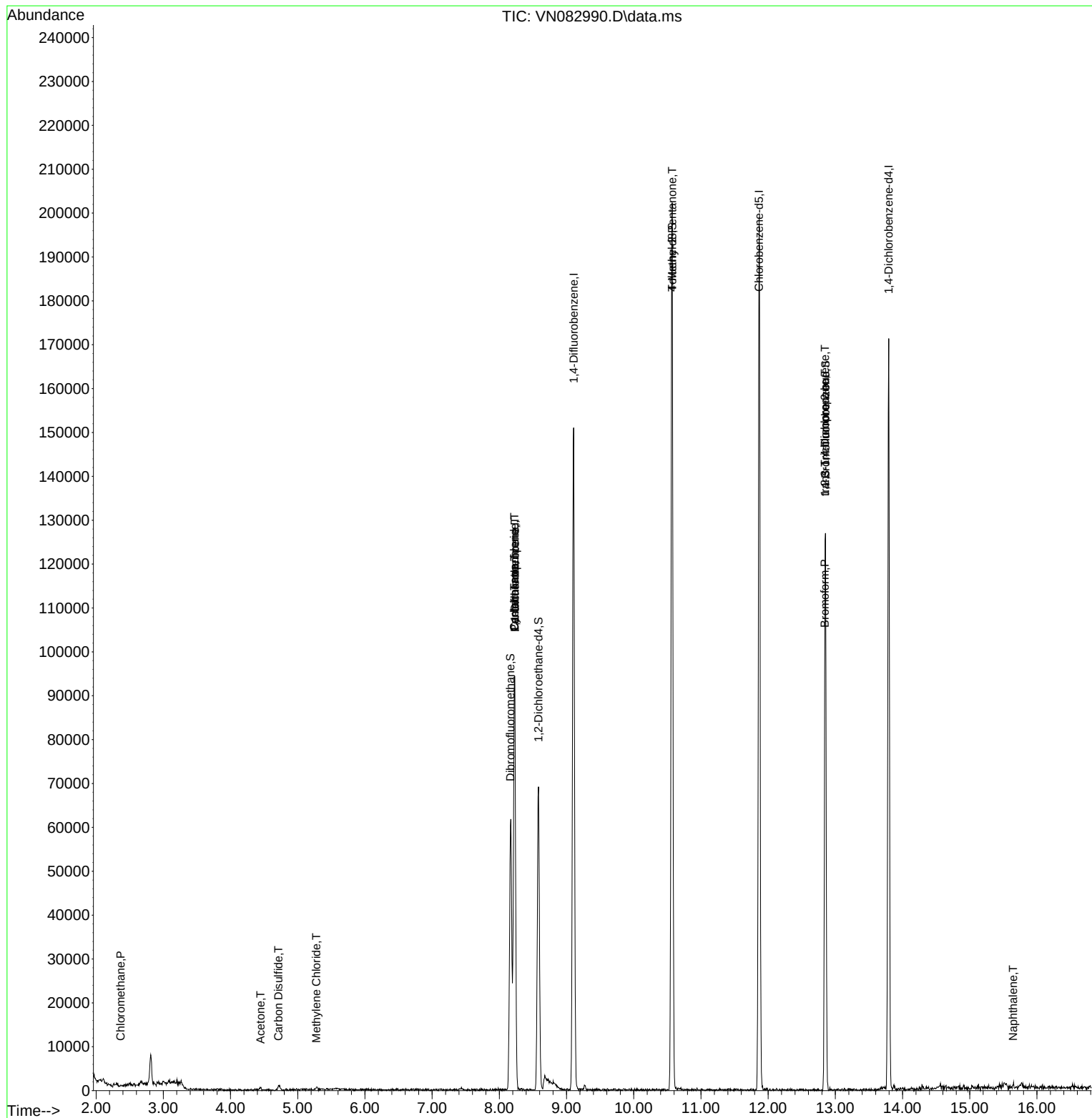
Internal Standards						
1) Pentafluorobenzene	8.230	168	67994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	127288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	111196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	44824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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

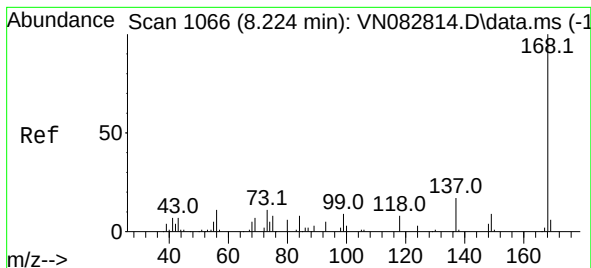
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

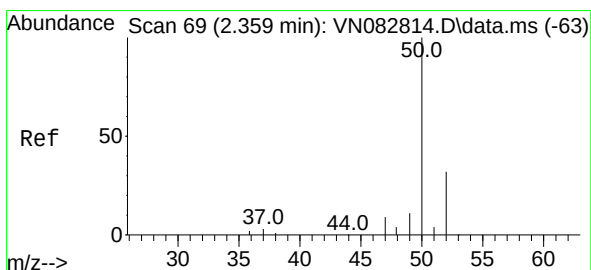
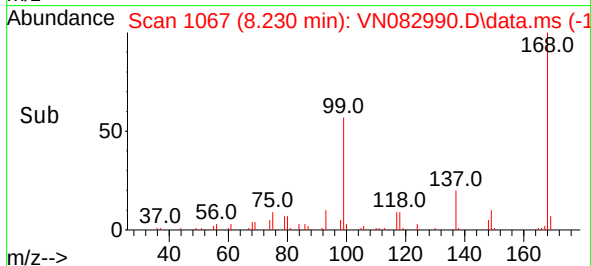
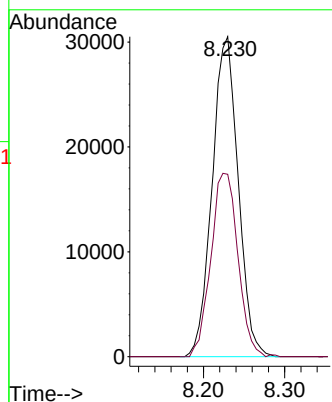
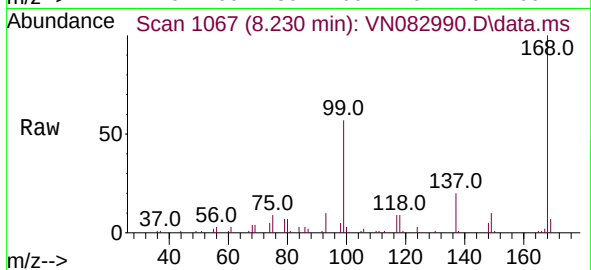
ClientSampleId :

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

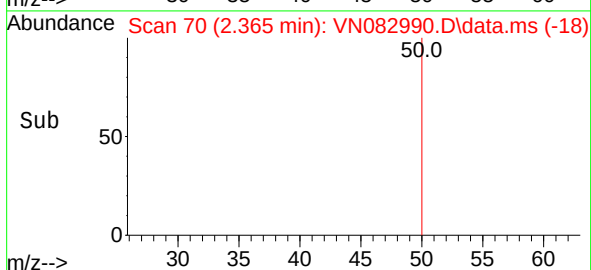
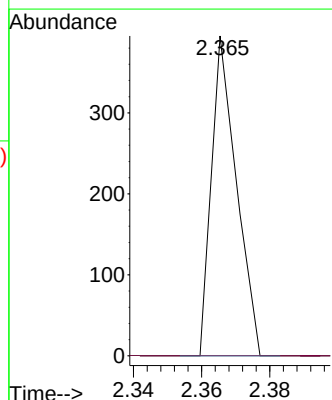
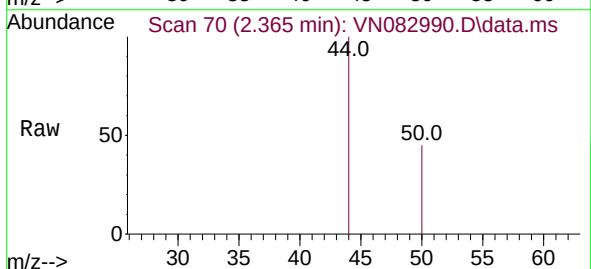
Acq: 19 Jul 2024 15:46

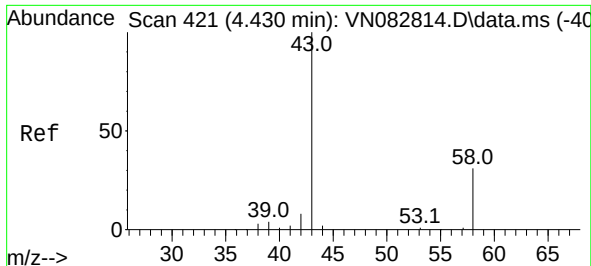
Tgt Ion: 50 Resp: 201

Ion Ratio Lower Upper

50 100

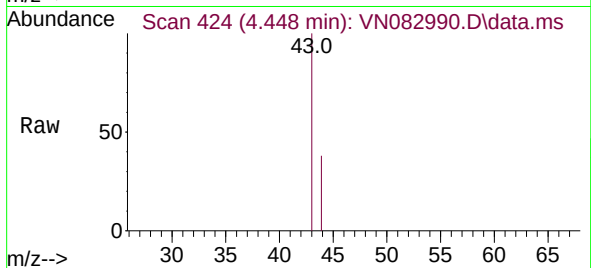
52 0.0 25.0 37.4#



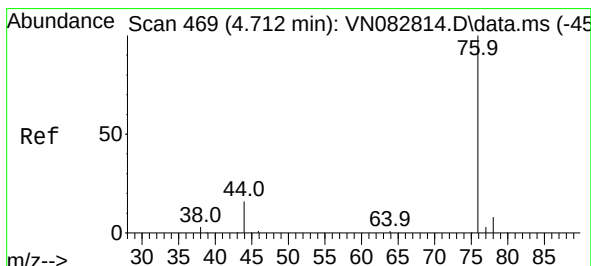
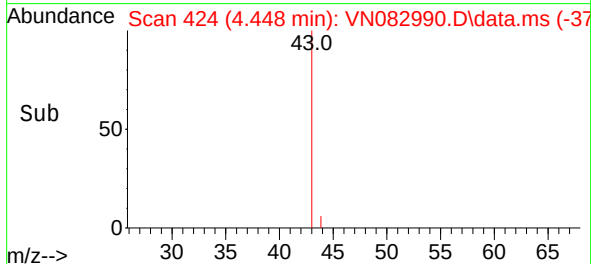
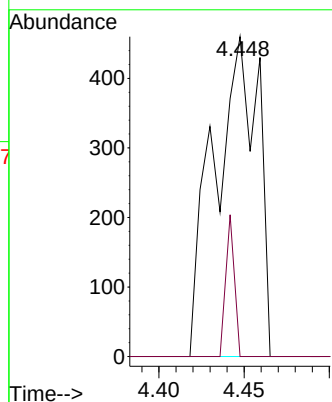


#16
Acetone
Concen: 2.455 ug/l
RT: 4.448 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN082990.D
Acq: 19 Jul 2024 15:46

Instrument :
MSVOA_N
ClientSampleId :

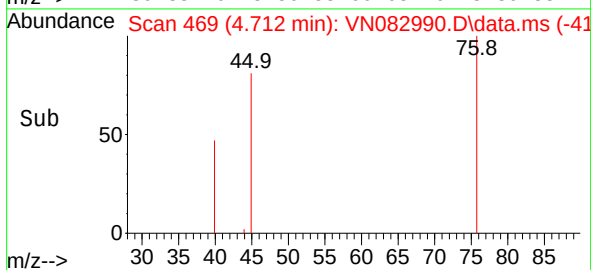
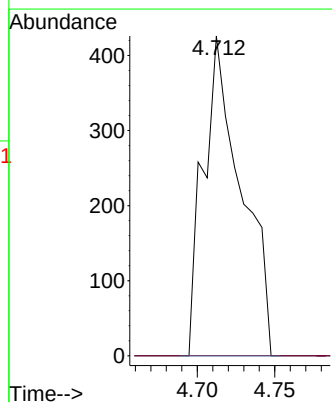
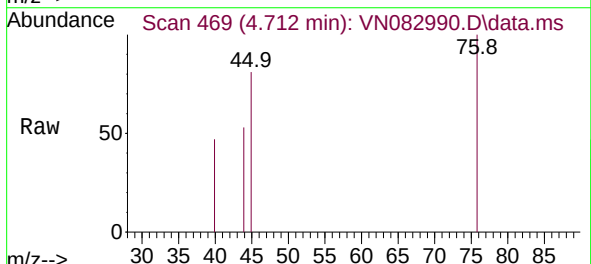


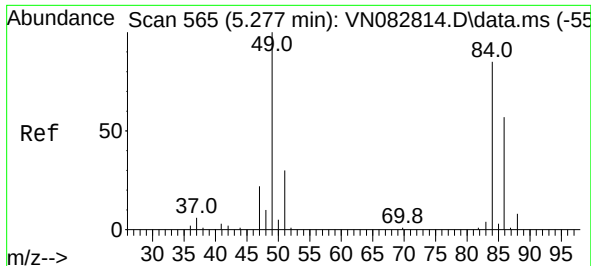
Tgt Ion: 43 Resp: 824
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#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

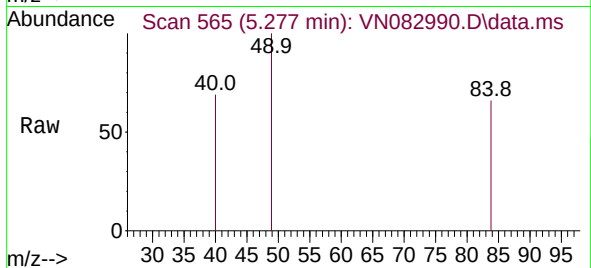
Lab File: VN082990.D

Acq: 19 Jul 2024 15:46

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 84 Resp: 357

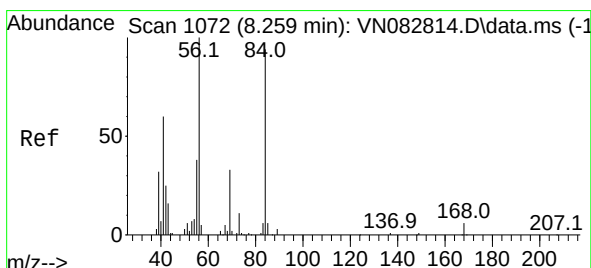
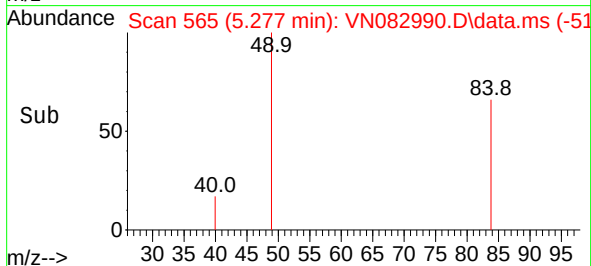
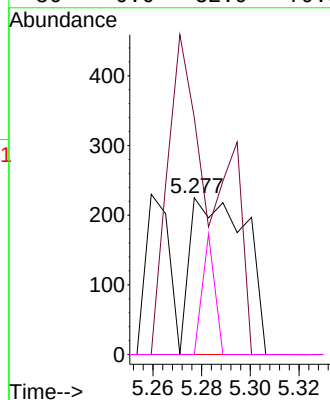
Ion Ratio Lower Upper

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

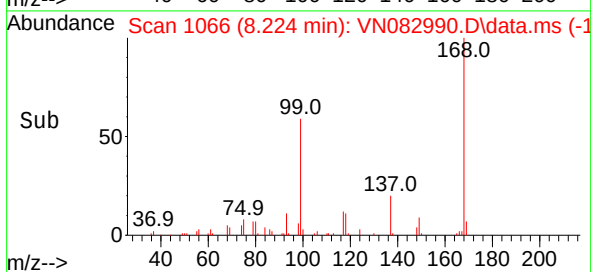
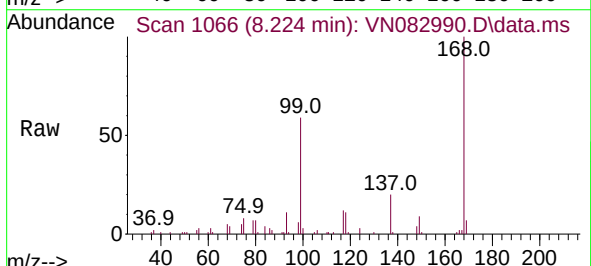
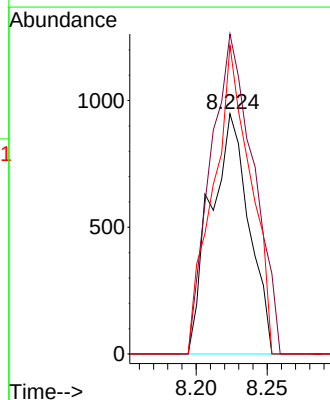
Tgt Ion: 56 Resp: 1785

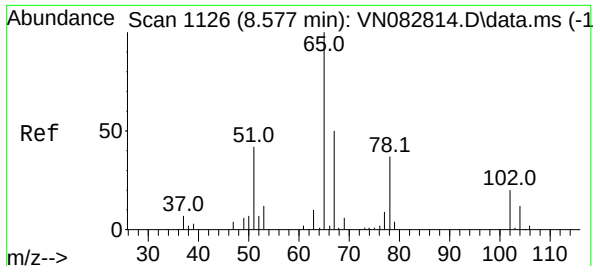
Ion Ratio Lower Upper

56 100

69 133.2 24.5 36.7#

84 128.5 66.0 99.0#

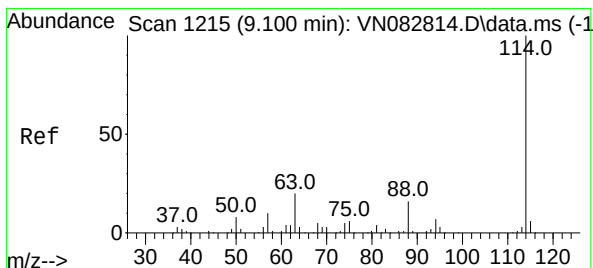
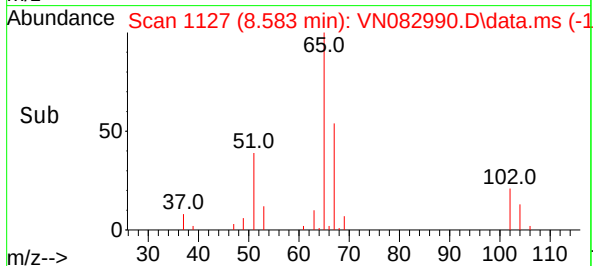
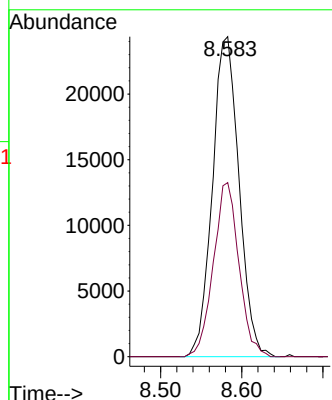
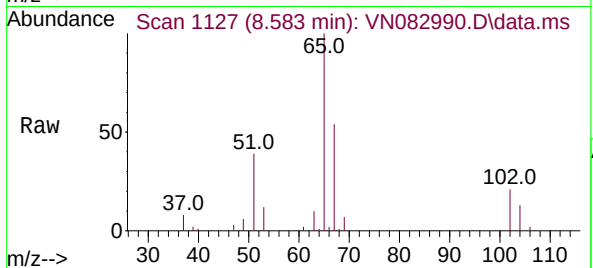




#33
1,2-Dichloroethane-d4
Concen: 58.207 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN082990.D
Acq: 19 Jul 2024 15:46

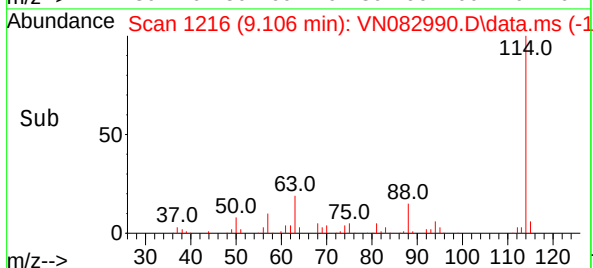
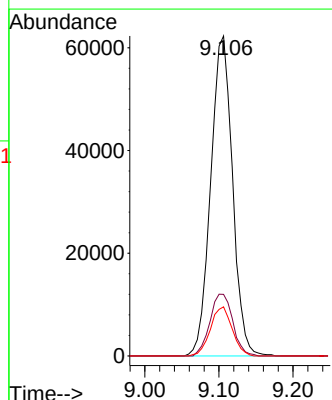
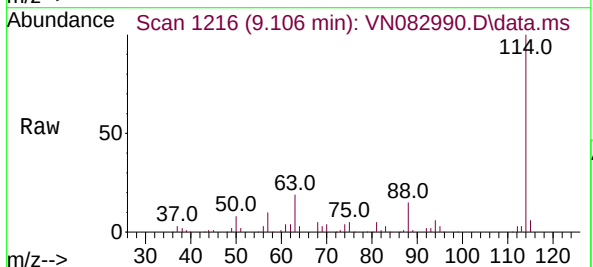
Instrument :
MSVOA_N
ClientSampleId :

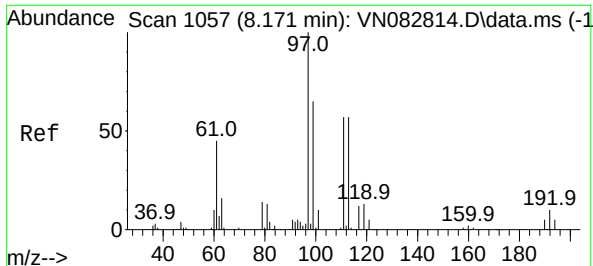
Tgt Ion: 65 Resp: 55479
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.4



#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 :

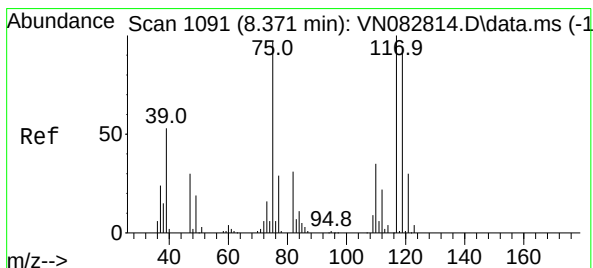
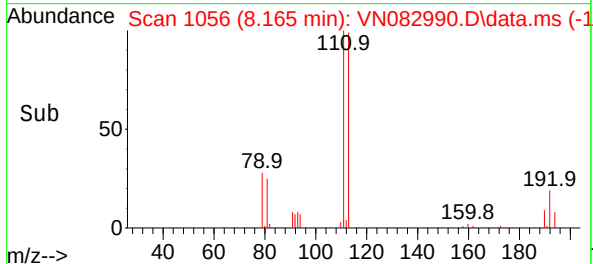
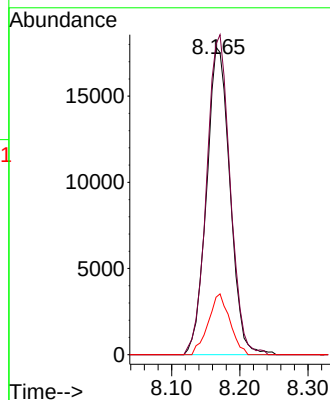
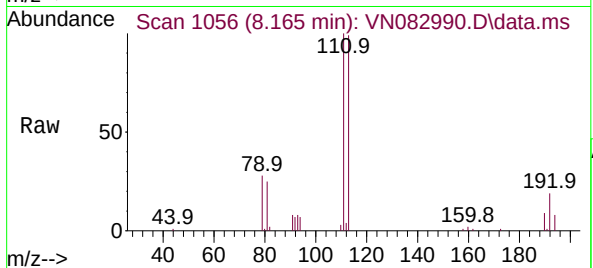
Tgt Ion:113 Resp: 42702

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

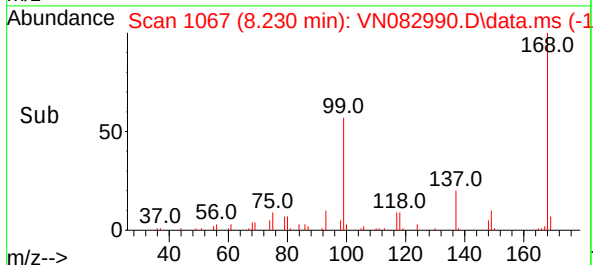
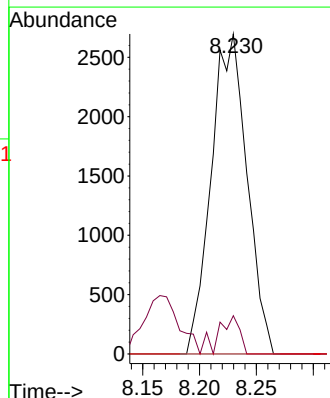
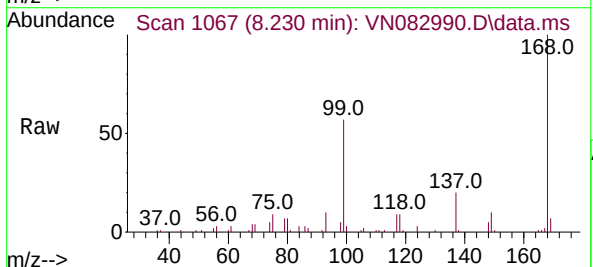
Tgt Ion: 75 Resp: 5903

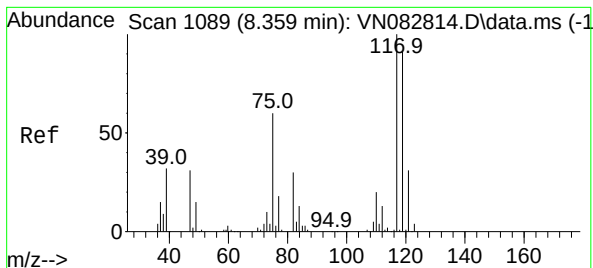
Ion Ratio Lower Upper

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

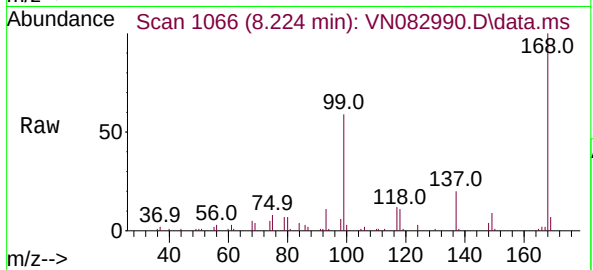
Lab File: VN082990.D

Acq: 19 Jul 2024 15:46

Instrument :

MSVOA_N

ClientSampleId :



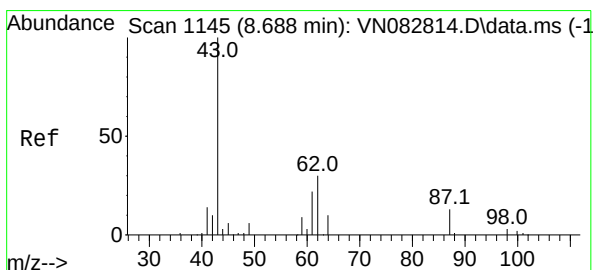
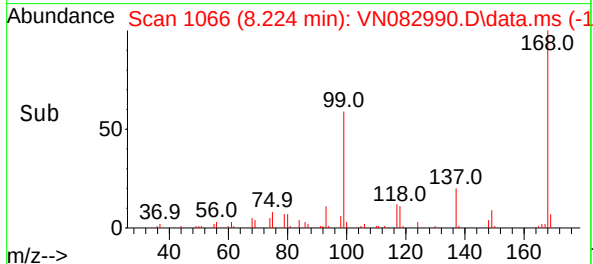
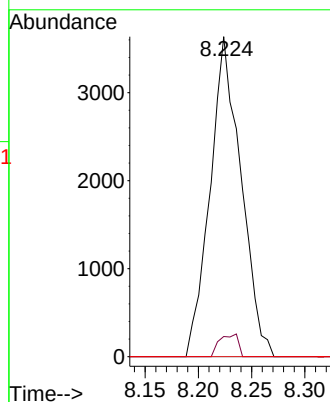
Tgt Ion:117 Resp: 7349

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

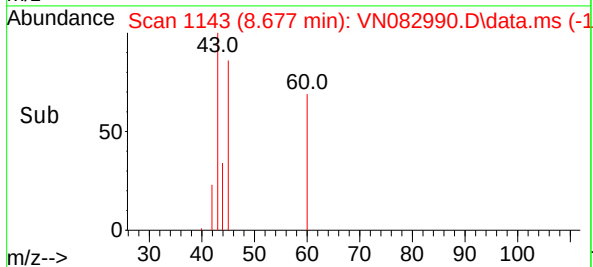
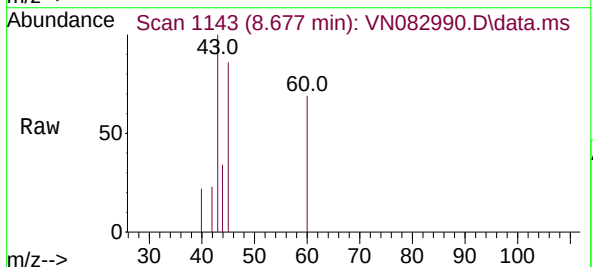
Tgt Ion: 43 Resp: 2702

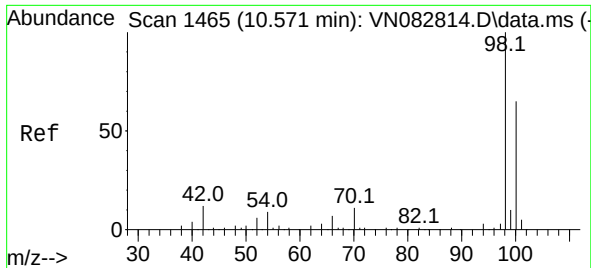
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#

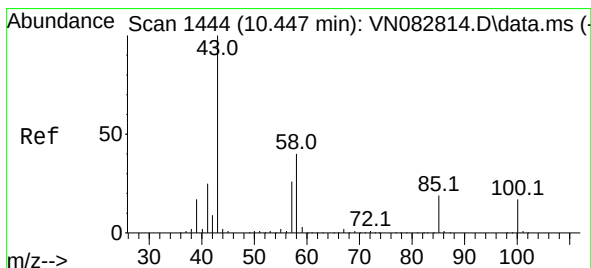
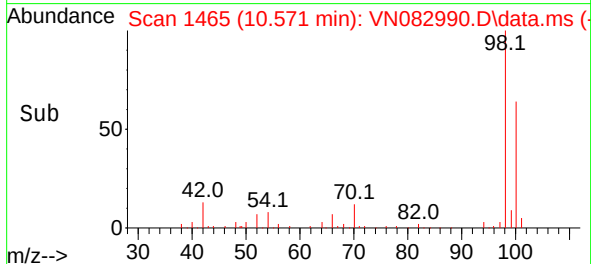
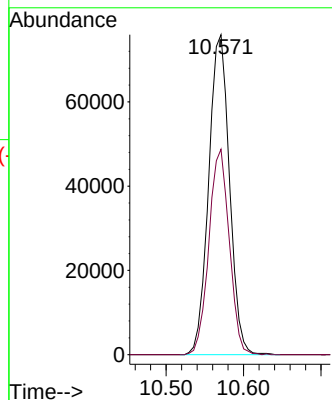
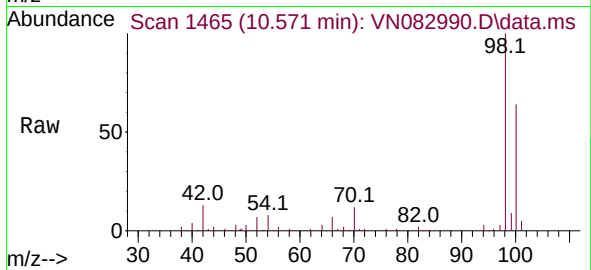




#50
Toluene-d8
Concen: 46.926 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082990.D
Acq: 19 Jul 2024 15:46

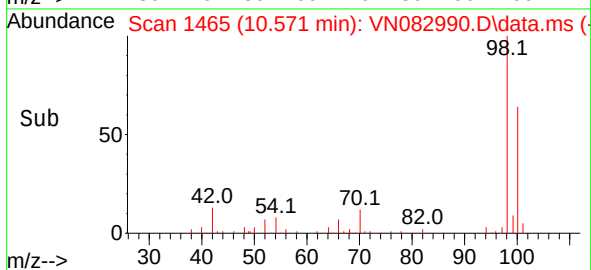
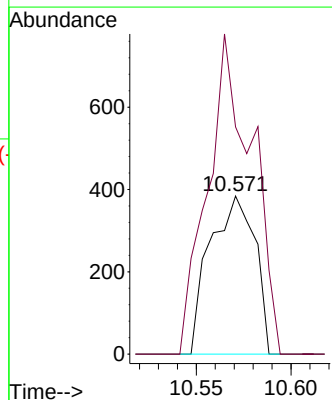
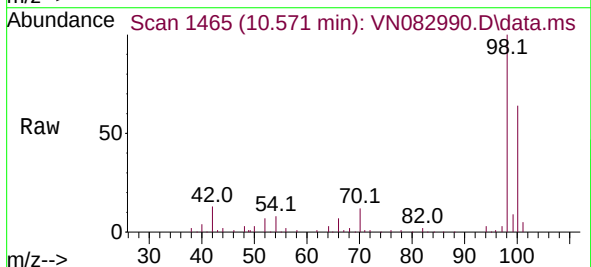
Instrument :
MSVOA_N
ClientSampleId :

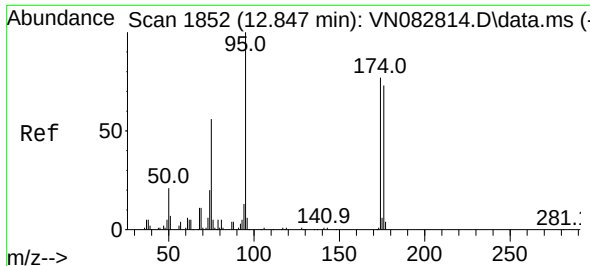
Tgt Ion: 98 Resp: 141563
Ion Ratio Lower Upper
98 100
100 62.9 51.5 77.3



#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 :

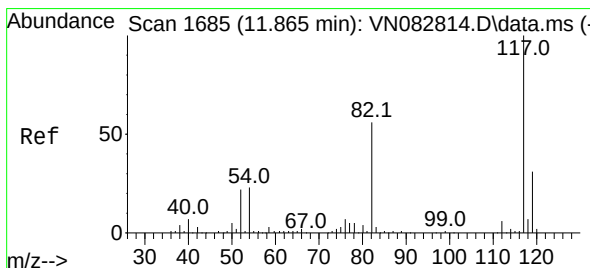
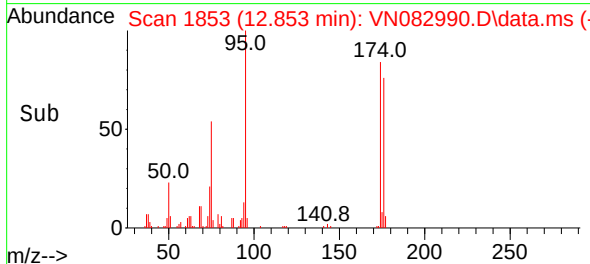
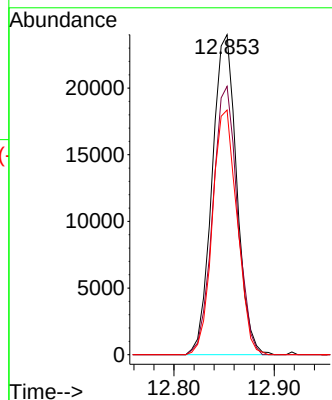
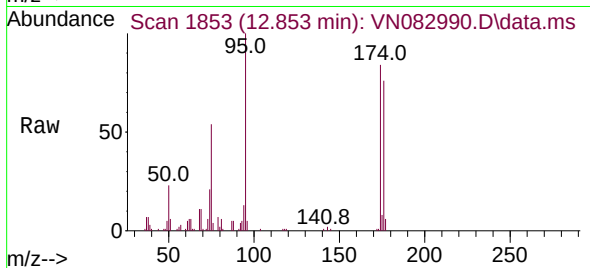
Tgt Ion: 95 Resp: 40896

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

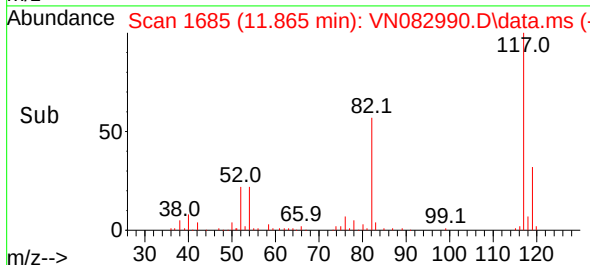
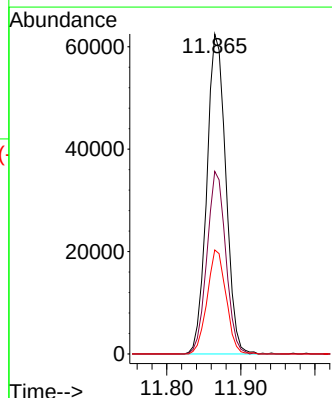
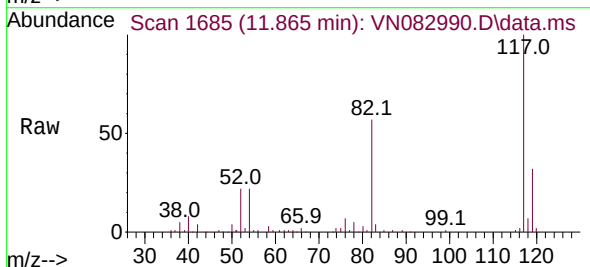
Tgt Ion: 117 Resp: 111196

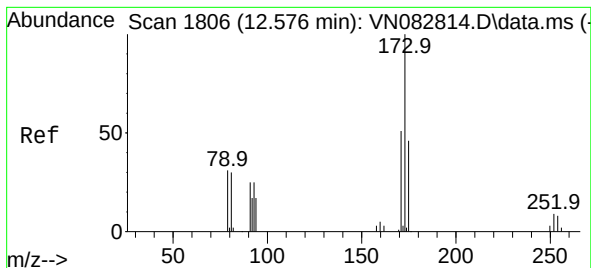
Ion Ratio Lower Upper

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 :

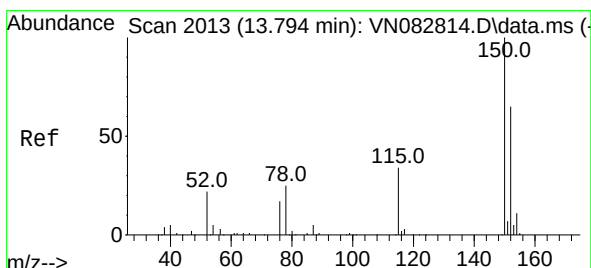
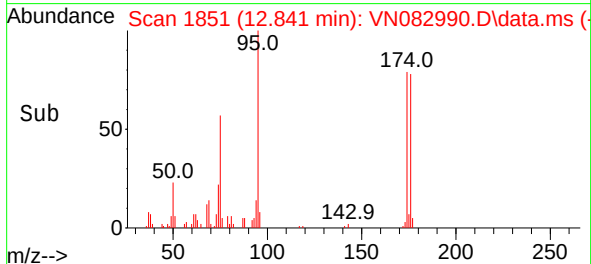
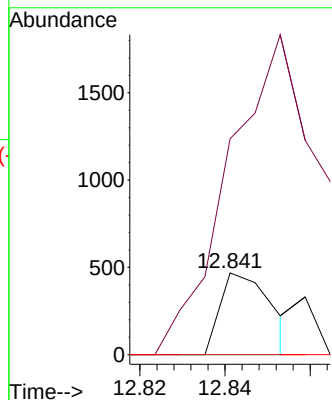
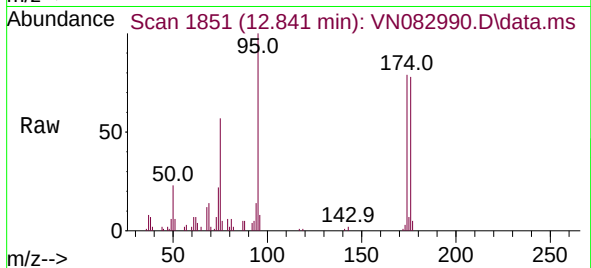
Tgt Ion:173 Resp: 389

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

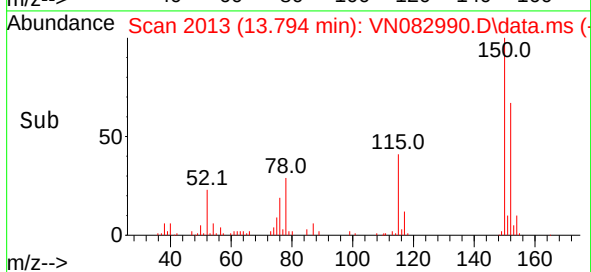
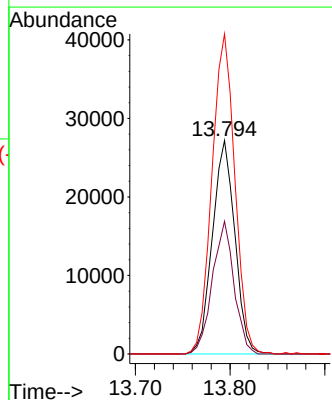
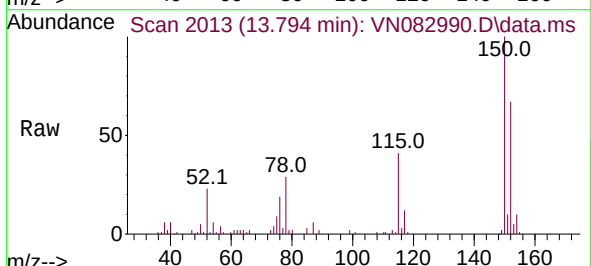
Tgt Ion:152 Resp: 44824

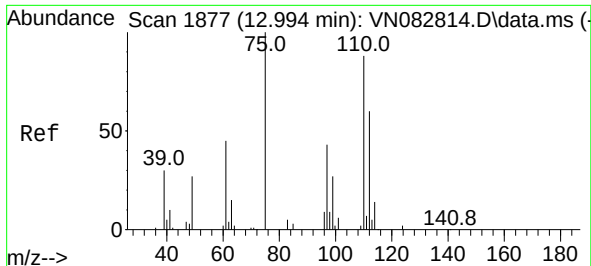
Ion Ratio Lower Upper

152 100

115 59.9 30.6 91.6

150 152.6 0.0 348.6

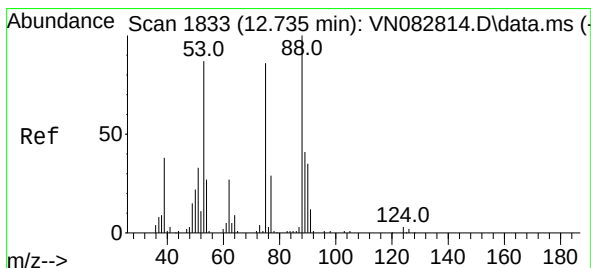
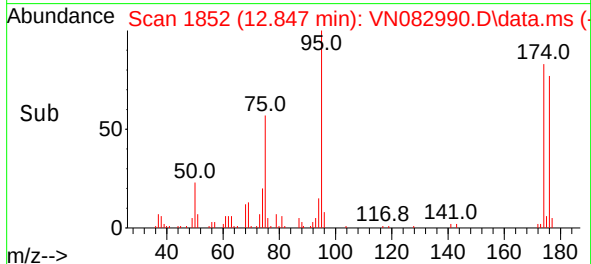
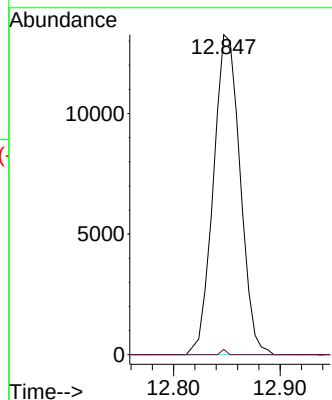
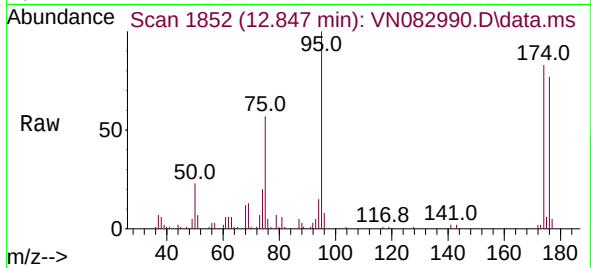




#76
1,2,3-Trichloropropane
Concen: 29.941 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082990.D
Acq: 19 Jul 2024 15:46

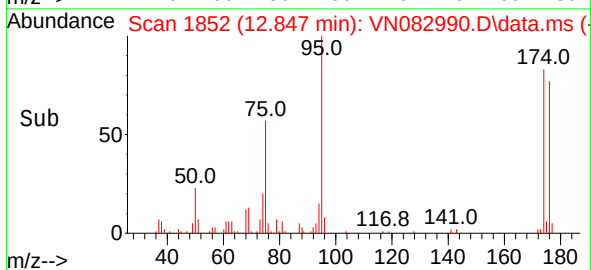
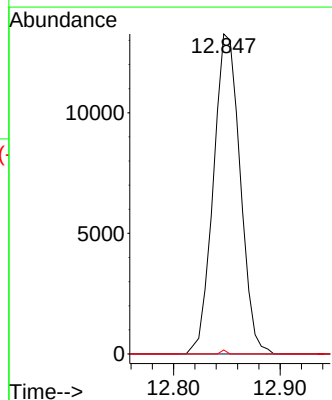
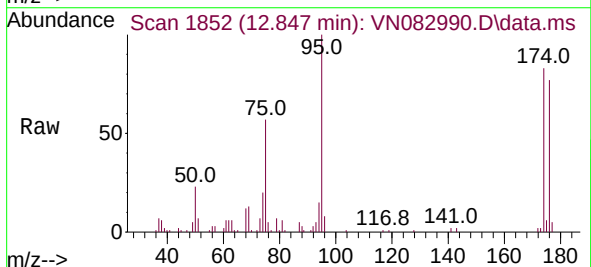
Instrument :
MSVOA_N
ClientSampleId :

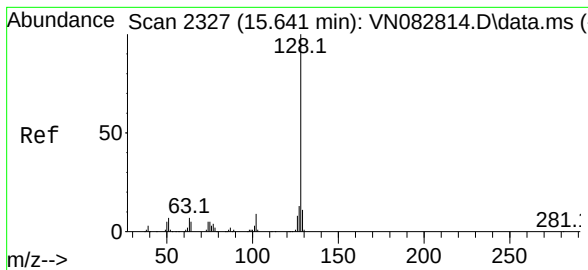
Tgt Ion: 75 Resp: 23138
Ion Ratio Lower Upper
75 100
77 0.3 110.9 332.6#



#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

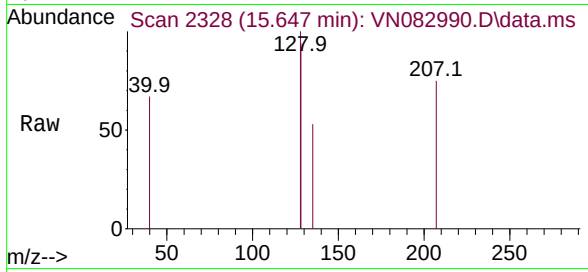
Tgt Ion: 75 Resp: 23138
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.3 36.3 54.5#





#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 :



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#

