

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072624\
 Data File : VN083049.D
 Acq On : 26 Jul 2024 14:10
 Operator : JC\MD
 Sample : P3323-03RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 26 23:06:34 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)

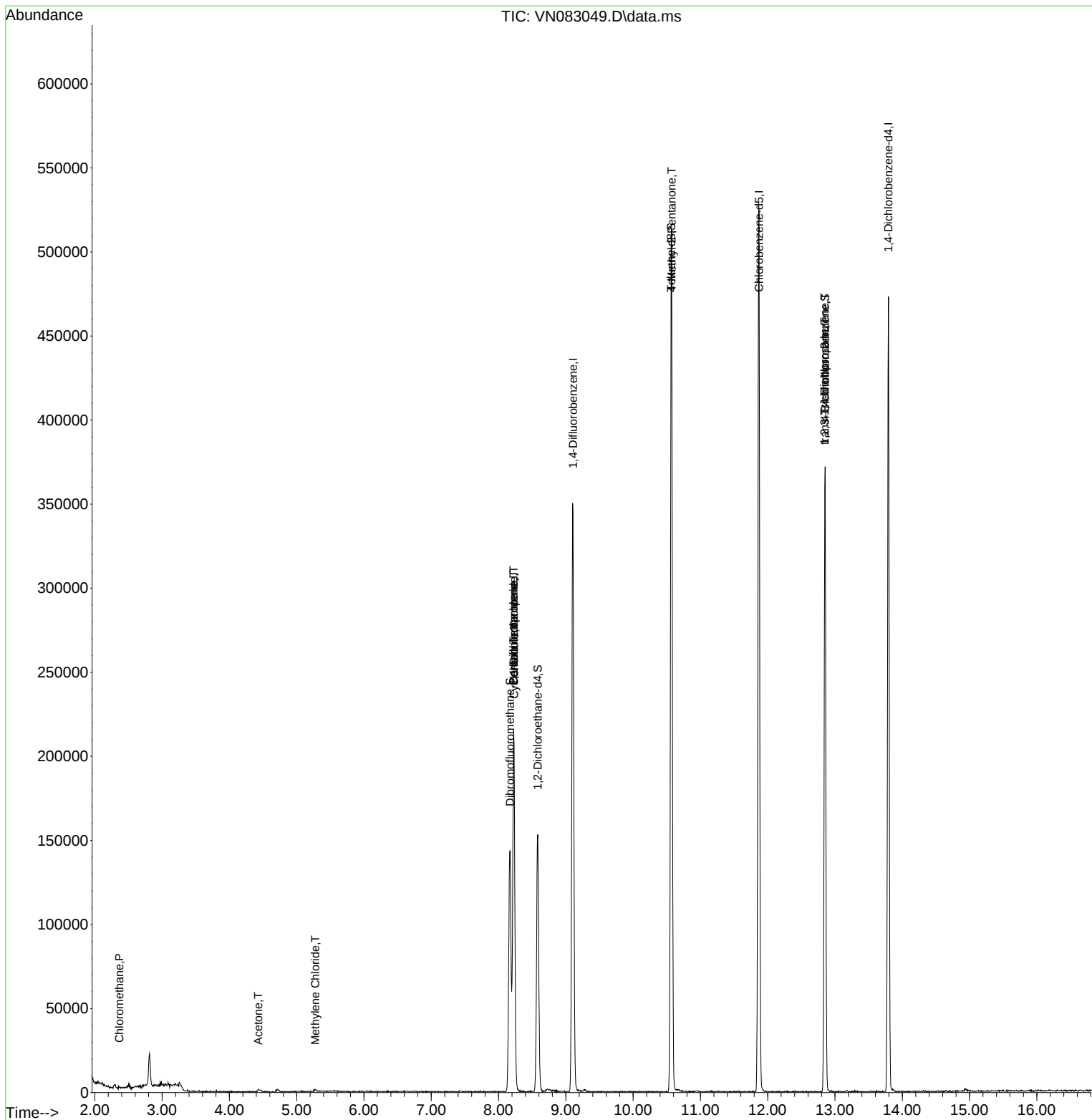
Internal Standards						
1) Pentafluorobenzene	8.224	168	147671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	290414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	299980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	121363	50.000	ug/l	0.00

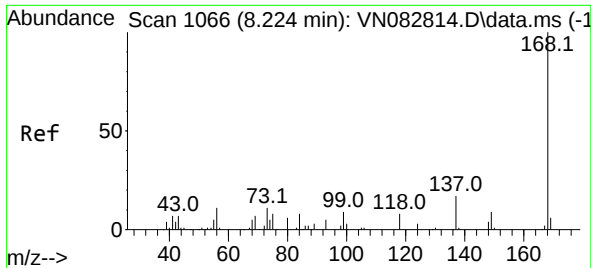
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	123924	59.865	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	119.740%
35) Dibromofluoromethane	8.171	113	103605	55.597	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.200%
50) Toluene-d8	10.565	98	351850	51.120	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.240%
62) 4-Bromofluorobenzene	12.853	95	114425	46.281	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	92.560%

Target Compounds					Qvalue	
3) Chloromethane	2.365	50	846	0.467	ug/l #	82
16) Acetone	4.430	43	1127	1.546	ug/l	96
20) Methylene Chloride	5.277	84	740	0.420	ug/l #	43
31) Cyclohexane	8.230	56	4219	1.559	ug/l #	28
36) 1,1-Dichloropropene	8.224	75	13748	5.351	ug/l #	49
38) Carbon Tetrachloride	8.224	117	15992	5.170	ug/l #	17
43) Isopropyl Acetate	8.730	43	1201	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.571	43	2042	0.787	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	66348	31.710	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	66348	62.363	ug/l #	6

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

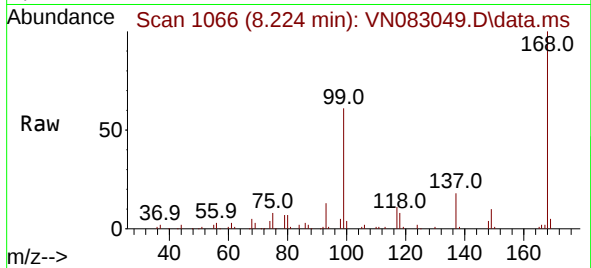
Quant Time: Jul 26 23:06:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration



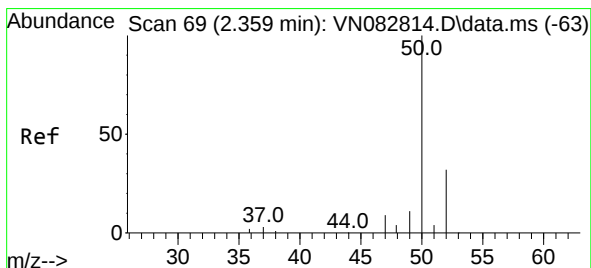
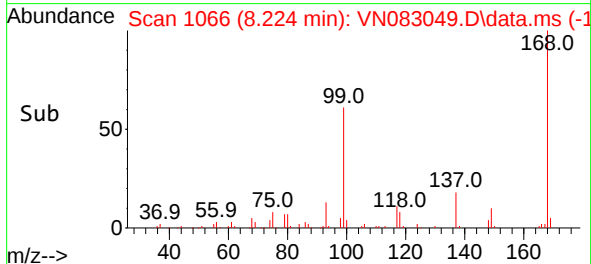
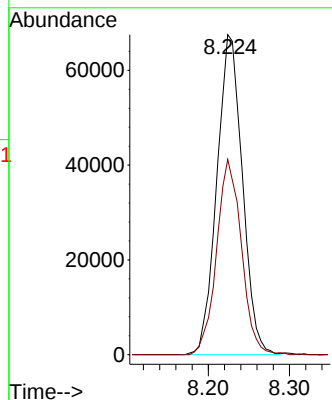


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN083049.D
Acq: 26 Jul 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :

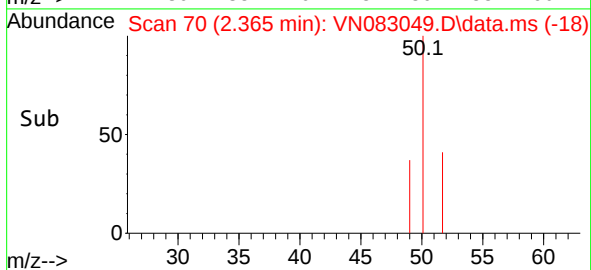
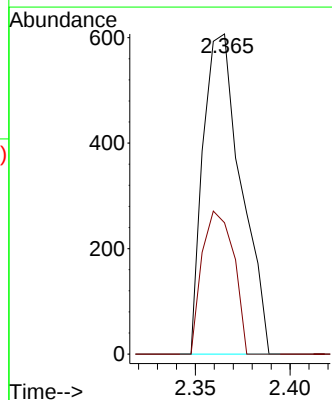
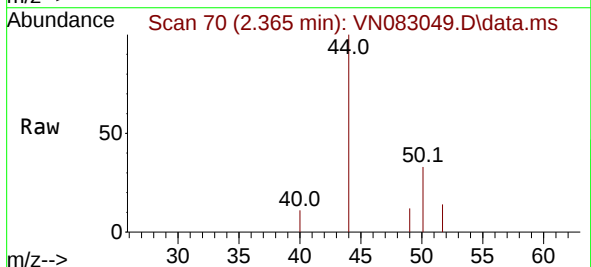


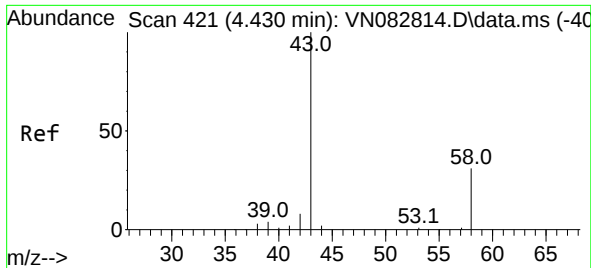
Tgt Ion:168 Resp: 147671
Ion Ratio Lower Upper
168 100
99 61.0 48.2 72.4



#3
Chloromethane
Concen: 0.467 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083049.D
Acq: 26 Jul 2024 14:10

Tgt Ion: 50 Resp: 846
Ion Ratio Lower Upper
50 100
52 41.0 25.0 37.4#

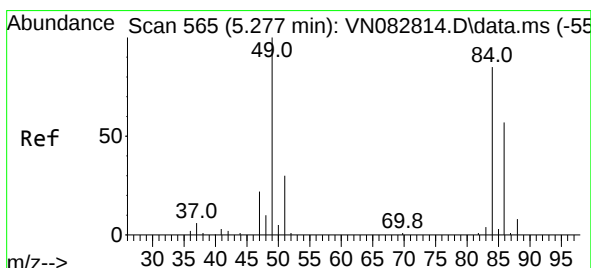
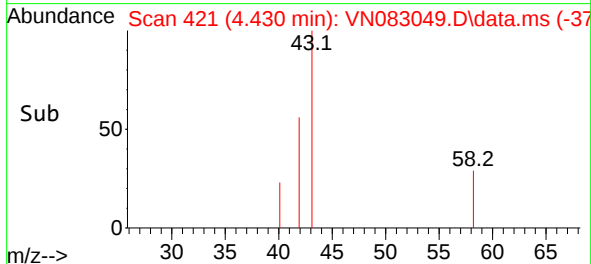
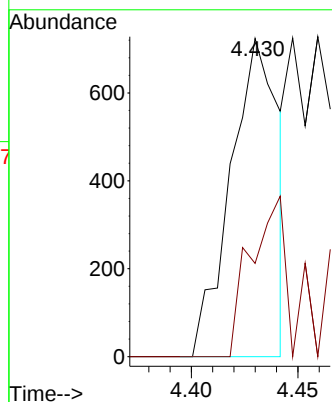
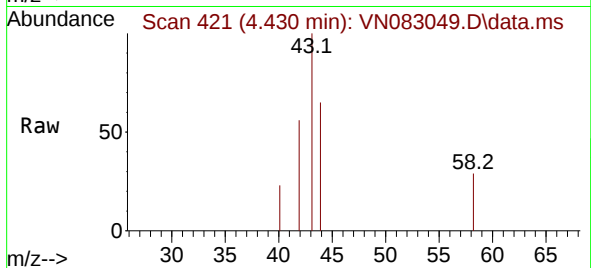




#16
 Acetone
 Concen: 1.546 ug/l
 RT: 4.430 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VN083049.D
 Acq: 26 Jul 2024 14:10

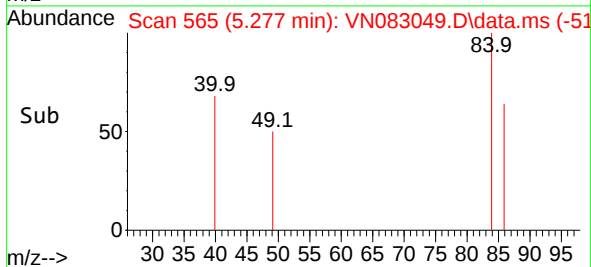
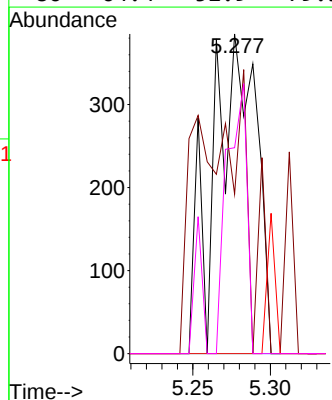
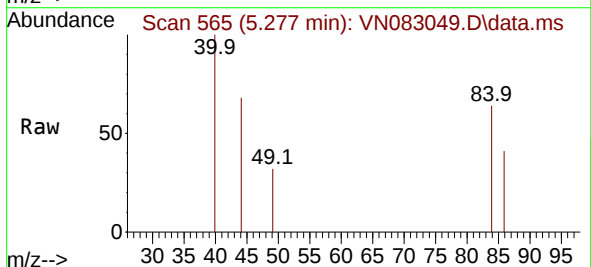
Instrument :
 MSVOA_N
 ClientSampleId :

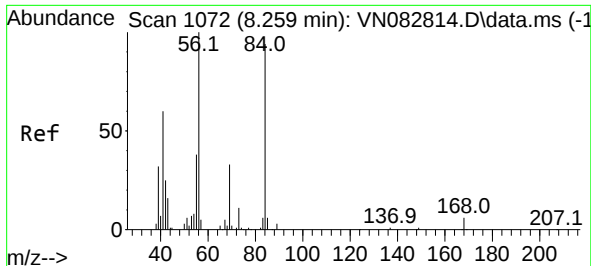
Tgt Ion: 43 Resp: 1127
 Ion Ratio Lower Upper
 43 100
 58 29.3 21.8 32.6



#20
 Methylene Chloride
 Concen: 0.420 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.000 min
 Lab File: VN083049.D
 Acq: 26 Jul 2024 14:10

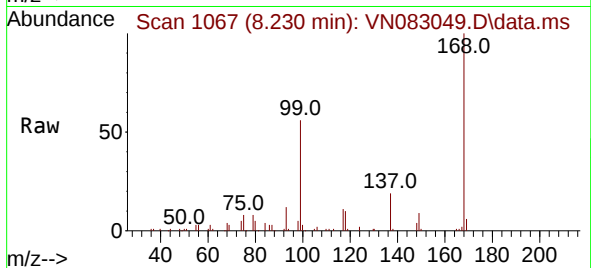
Tgt Ion: 84 Resp: 740
 Ion Ratio Lower Upper
 84 100
 49 49.9 119.6 179.4#
 51 0.0 34.8 52.2#
 86 64.4 52.9 79.3



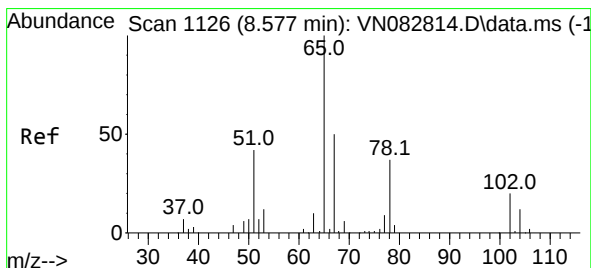
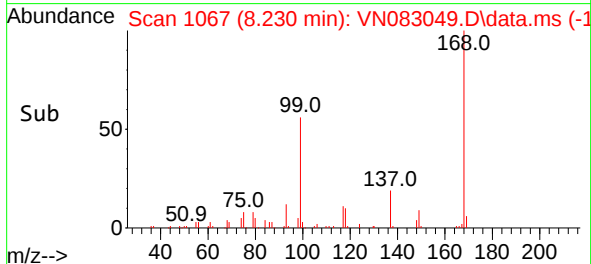
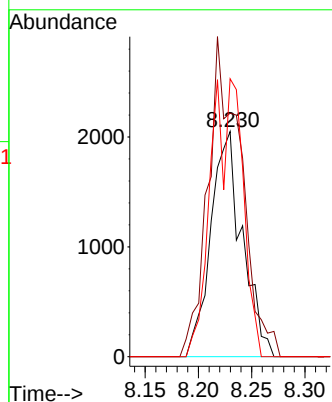


#31
Cyclohexane
Concen: 1.559 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN083049.D
Acq: 26 Jul 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :

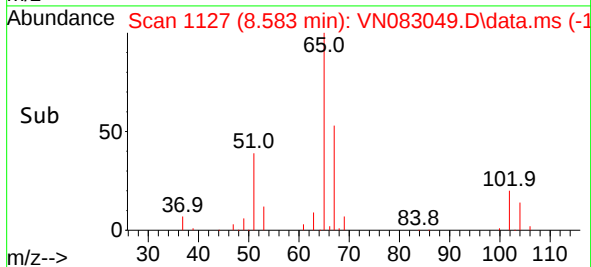
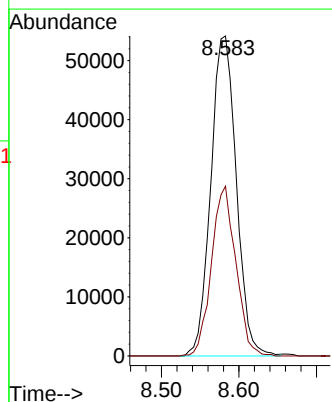
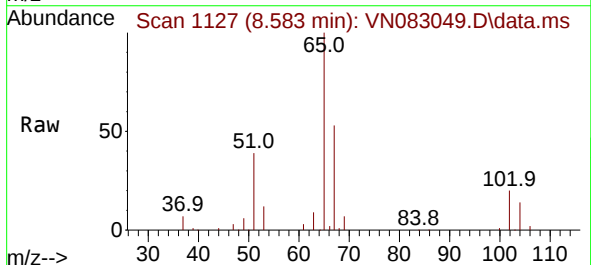


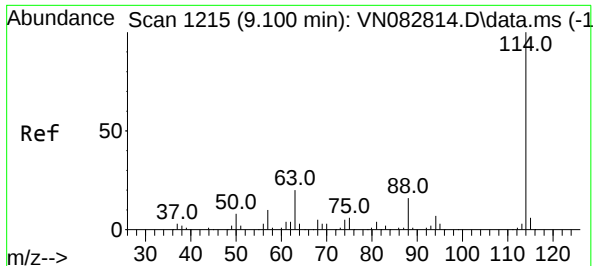
Tgt Ion: 56 Resp: 4219
Ion Ratio Lower Upper
56 100
69 108.2 24.5 36.7#
84 123.5 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 59.865 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN083049.D
Acq: 26 Jul 2024 14:10

Tgt Ion: 65 Resp: 123924
Ion Ratio Lower Upper
65 100
67 50.7 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083049.D

Acq: 26 Jul 2024 14:10

Instrument :

MSVOA_N

ClientSampleId :

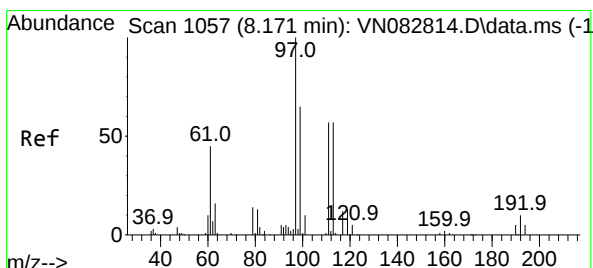
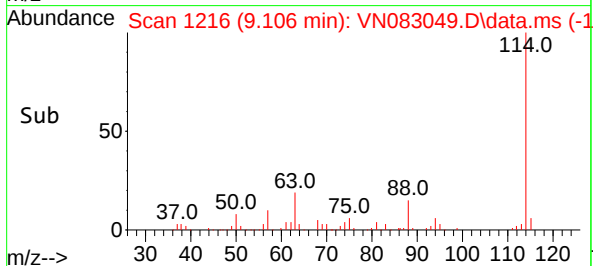
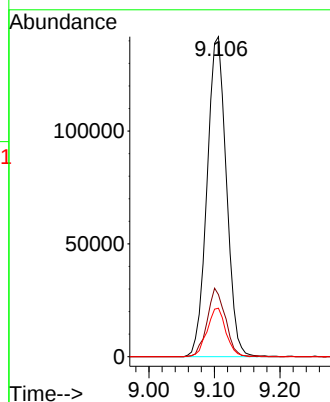
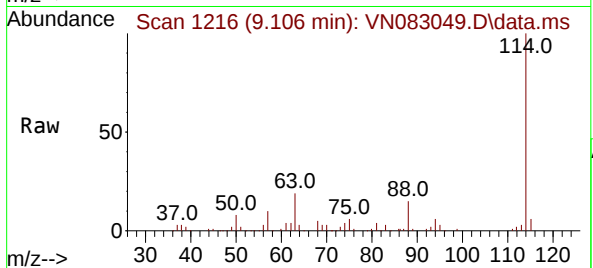
Tgt Ion:114 Resp: 290414

Ion Ratio Lower Upper

114 100

63 19.4 0.0 44.6

88 15.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 55.597 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083049.D

Acq: 26 Jul 2024 14:10

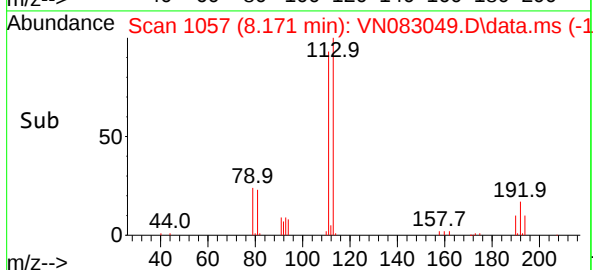
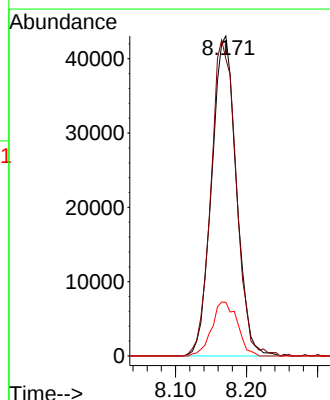
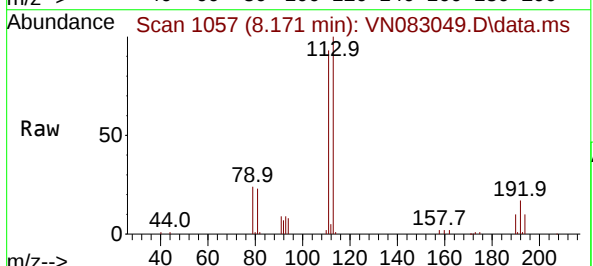
Tgt Ion:113 Resp: 103605

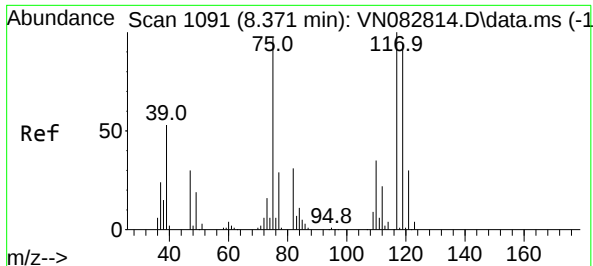
Ion Ratio Lower Upper

113 100

111 100.9 82.4 123.6

192 17.5 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.351 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083049.D

Acq: 26 Jul 2024 14:10

Instrument :

MSVOA_N

ClientSampleId :

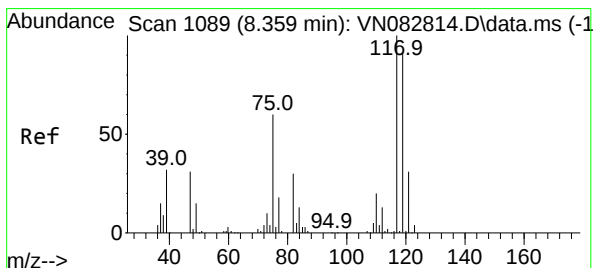
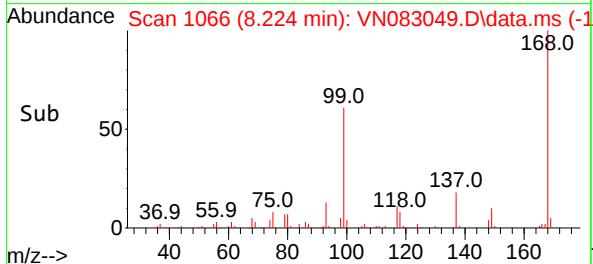
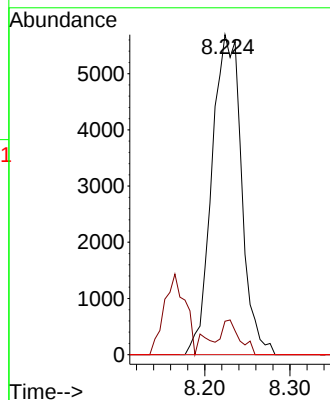
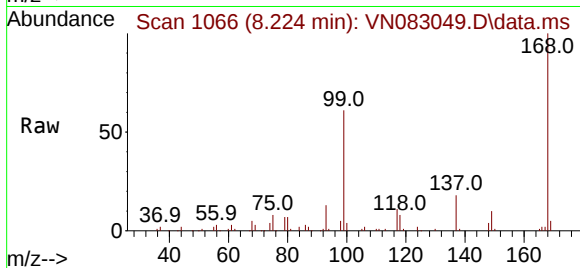
Tgt Ion: 75 Resp: 13748

Ion Ratio Lower Upper

75 100

110 6.6 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.170 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN083049.D

Acq: 26 Jul 2024 14:10

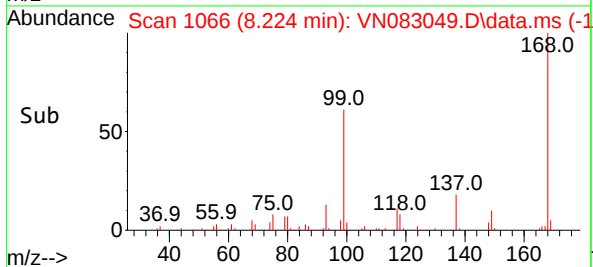
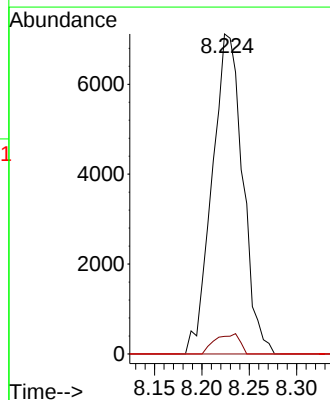
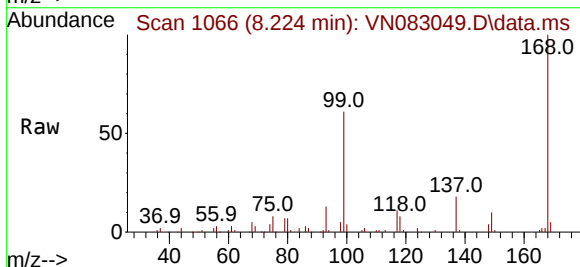
Tgt Ion: 117 Resp: 15992

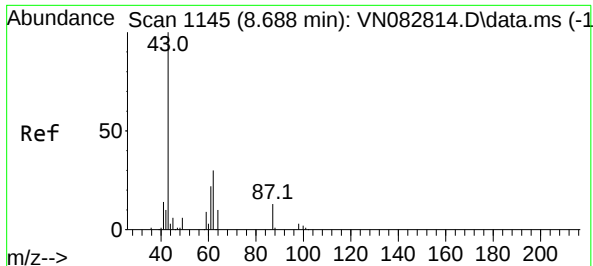
Ion Ratio Lower Upper

117 100

119 5.5 74.9 112.3#

121 0.0 24.3 36.5#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.730 min Scan# 1145

Delta R.T. 0.036 min

Lab File: VN083049.D

Acq: 26 Jul 2024 14:10

Instrument :

MSVOA_N

ClientSampleId :

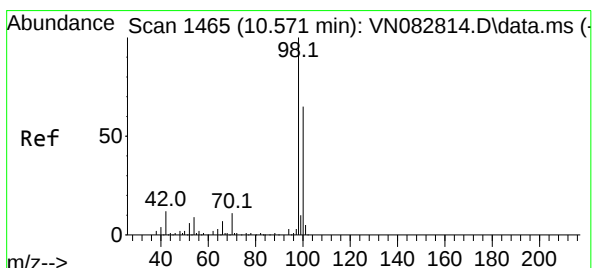
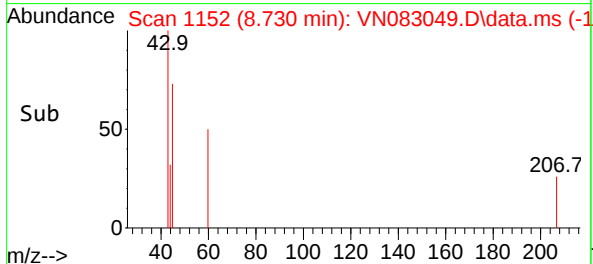
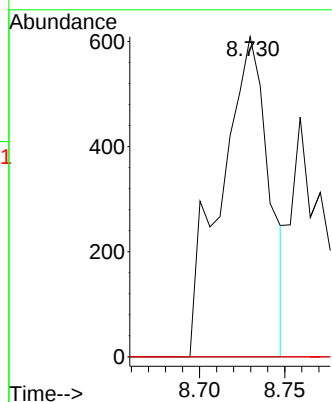
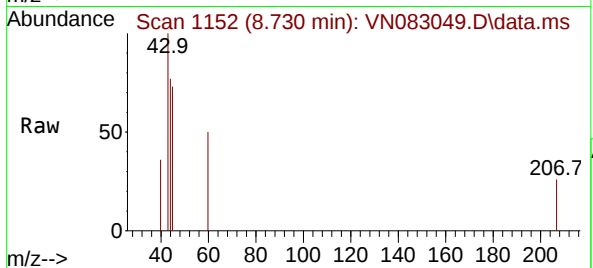
Tgt Ion: 43 Resp: 1201

Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#



#50

Toluene-d8

Concen: 51.120 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.005 min

Lab File: VN083049.D

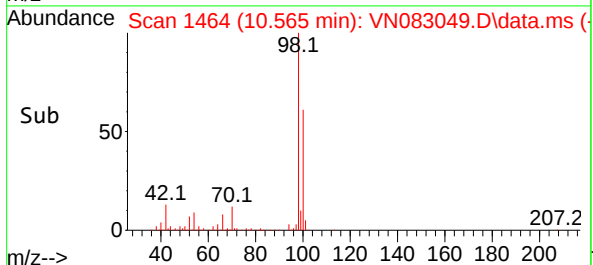
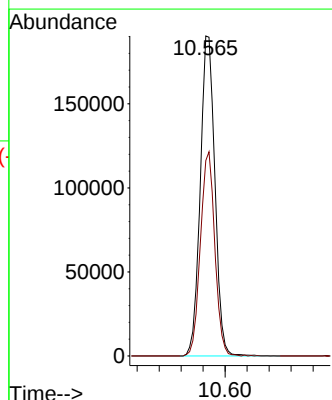
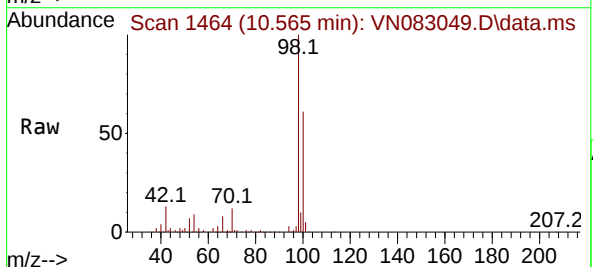
Acq: 26 Jul 2024 14:10

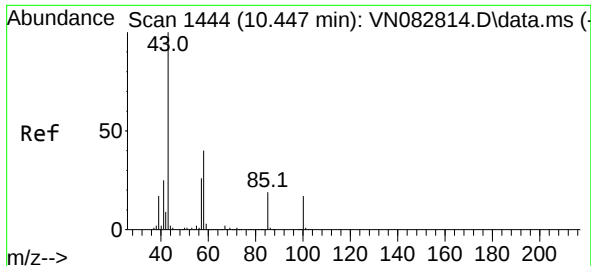
Tgt Ion: 98 Resp: 351850

Ion Ratio Lower Upper

98 100

100 62.8 51.5 77.3

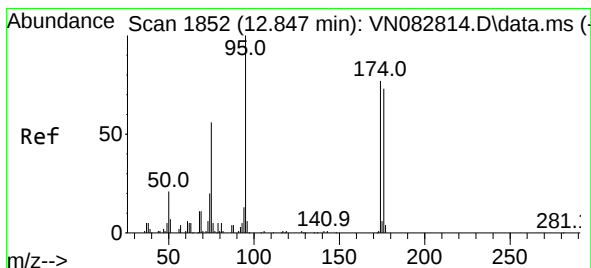
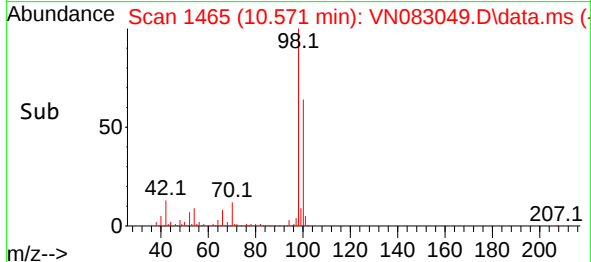
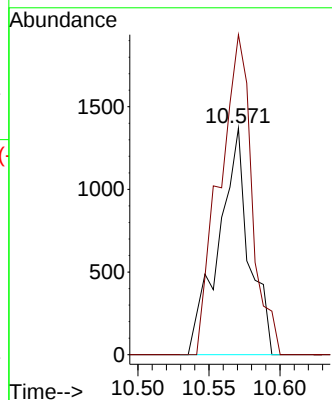
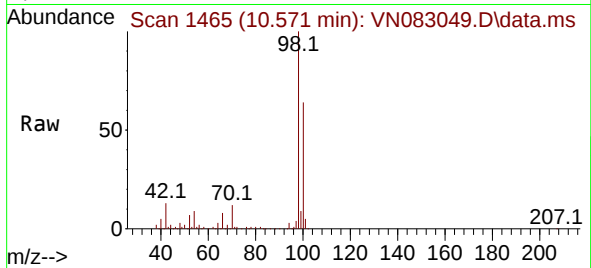




#51
4-Methyl-2-Pentanone
Concen: 0.787 ug/l
RT: 10.571 min Scan# 1444
Delta R.T. 0.124 min
Lab File: VN083049.D
Acq: 26 Jul 2024 14:10

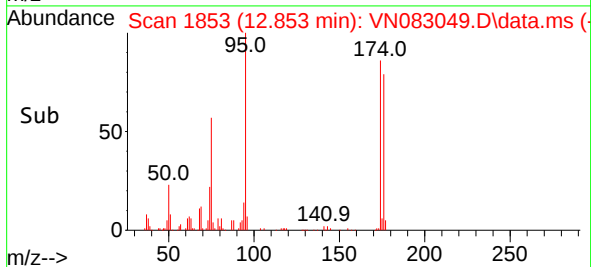
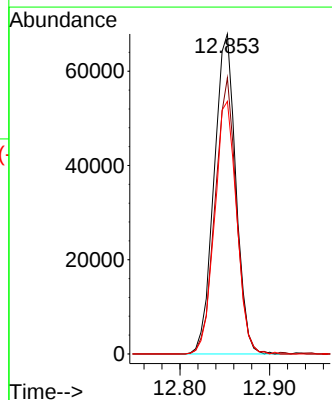
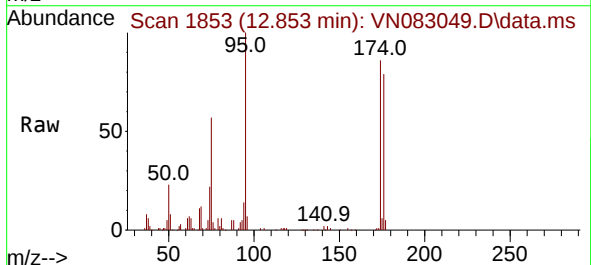
Instrument :
MSVOA_N
ClientSampleId :

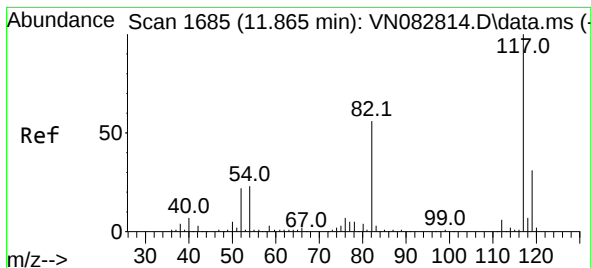
Tgt Ion: 43 Resp: 2042
Ion Ratio Lower Upper
43 100
58 150.7 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 46.281 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083049.D
Acq: 26 Jul 2024 14:10

Tgt Ion: 95 Resp: 114425
Ion Ratio Lower Upper
95 100
174 84.1 0.0 159.2
176 79.8 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN083049.D

Acq: 26 Jul 2024 14:10

Instrument :

MSVOA_N

ClientSampleId :

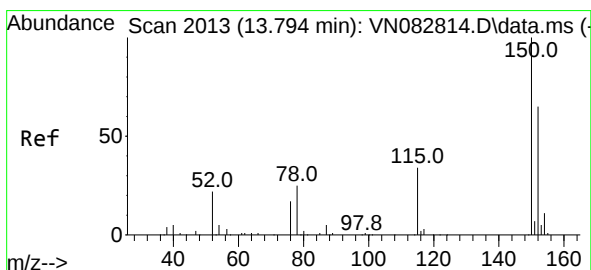
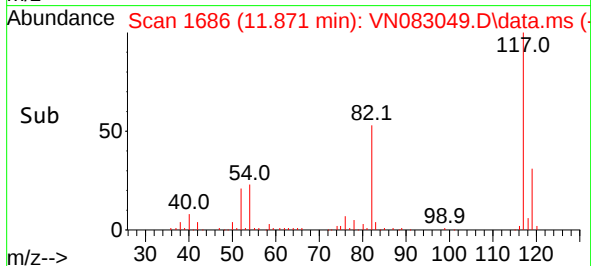
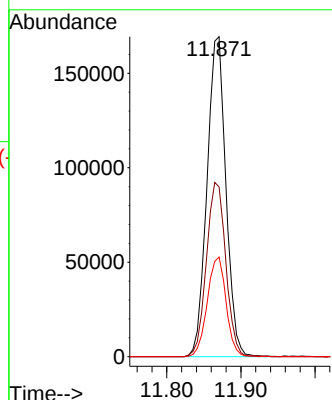
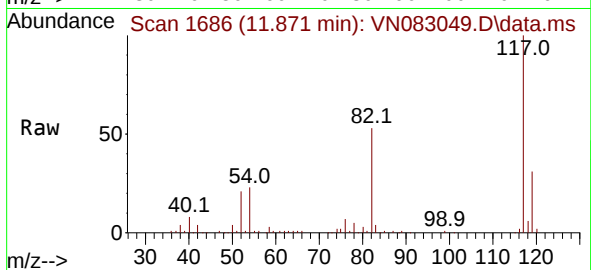
Tgt Ion:117 Resp: 299980

Ion Ratio Lower Upper

117 100

82 53.0 47.5 71.3

119 31.2 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN083049.D

Acq: 26 Jul 2024 14:10

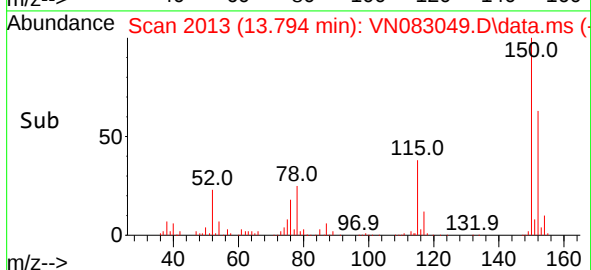
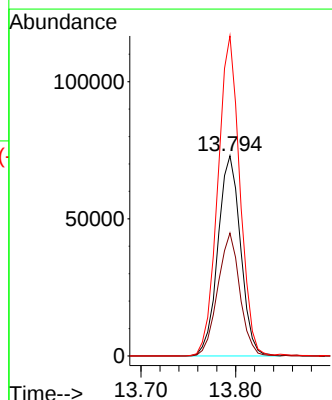
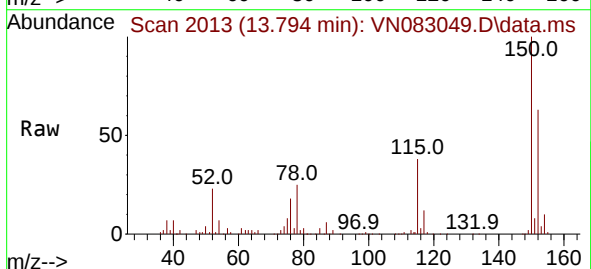
Tgt Ion:152 Resp: 121363

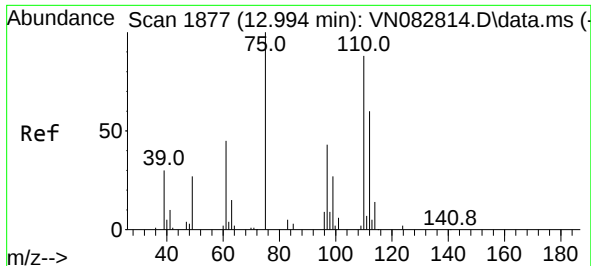
Ion Ratio Lower Upper

152 100

115 59.8 30.6 91.6

150 155.4 0.0 348.6

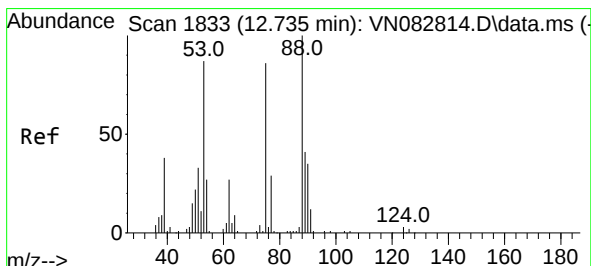
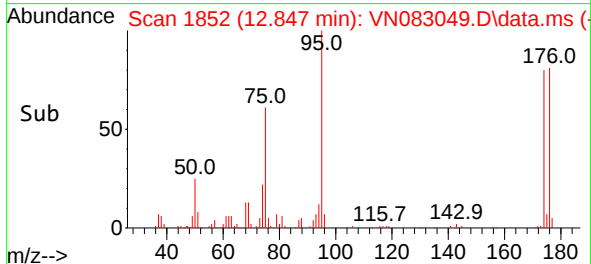
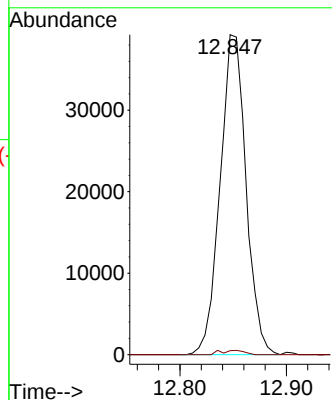
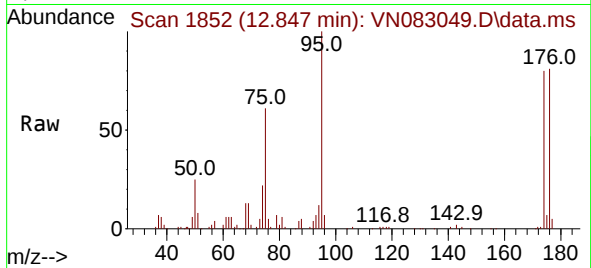




#76
1,2,3-Trichloropropane
Concen: 31.710 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083049.D
Acq: 26 Jul 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 66348
Ion Ratio Lower Upper
75 100
77 1.2 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.363 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN083049.D
Acq: 26 Jul 2024 14:10

Tgt Ion: 75 Resp: 66348
Ion Ratio Lower Upper
75 100
53 0.1 88.4 132.6#
89 0.0 36.3 54.5#

