

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072224\
 Data File : VN082998.D
 Acq On : 22 Jul 2024 12:04
 Operator : JC\MD
 Sample : VN0722WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 23 03:47:39 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)

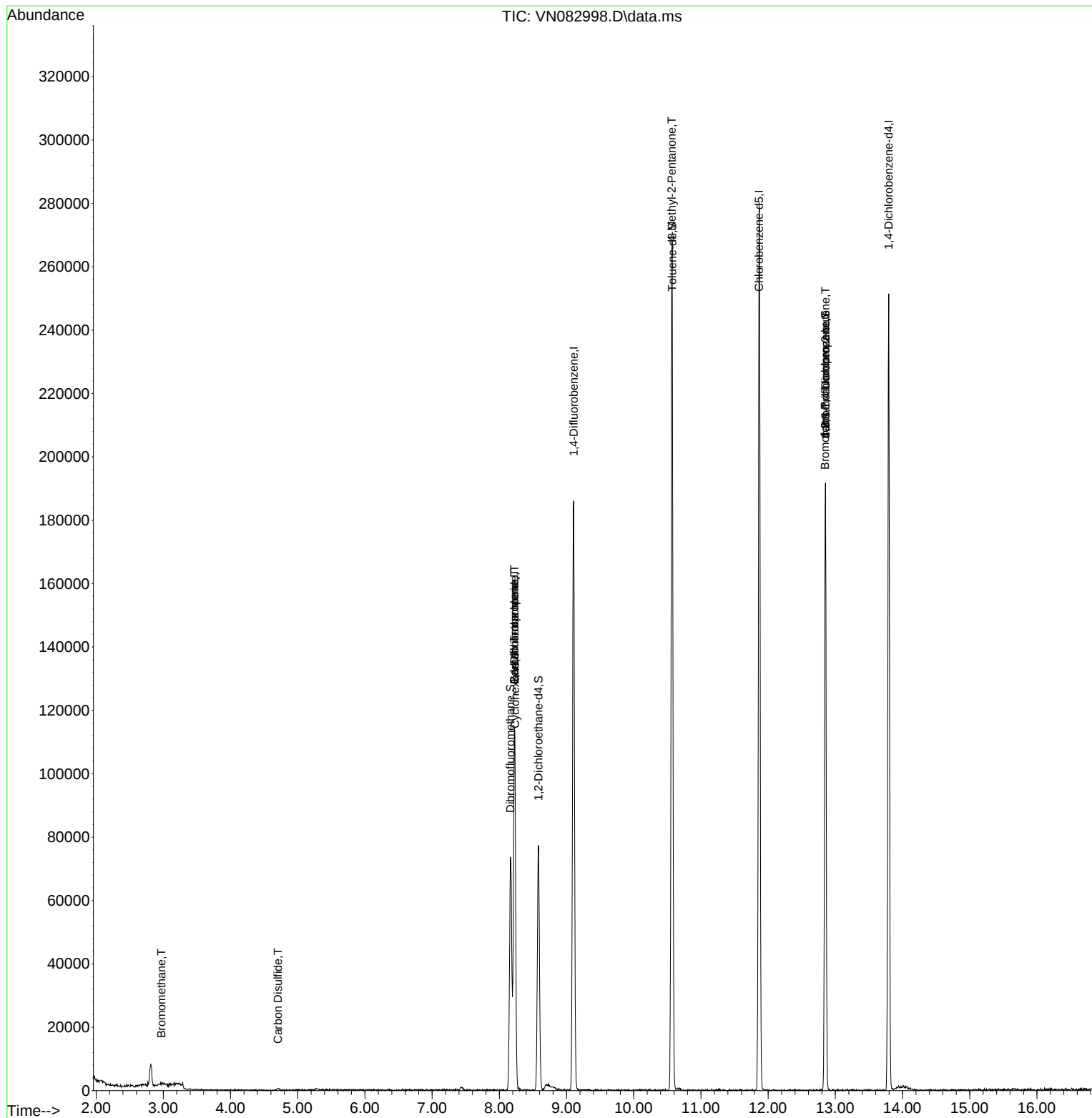
Internal Standards						
1) Pentafluorobenzene	8.224	168	81745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	157305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	156270	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	64772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	62645	54.669	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.340%	
35) Dibromofluoromethane	8.165	113	51444	50.966	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.940%	
50) Toluene-d8	10.571	98	180032	48.290	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.580%	
62) 4-Bromofluorobenzene	12.853	95	60244	44.986	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 89.980%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.971	94	343	0.451	ug/l	84
17) Carbon Disulfide	4.706	76	1063	0.426	ug/l #	75
31) Cyclohexane	8.236	56	1998	1.334	ug/l #	29
36) 1,1-Dichloropropene	8.224	75	7389	5.309	ug/l #	50
38) Carbon Tetrachloride	8.224	117	8822	5.265	ug/l #	18
43) Isopropyl Acetate	8.706	43	2141	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	860	0.612	ug/l #	1
71) Bromoform	12.847	173	843	0.900	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	33376	29.888	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	33376	58.781	ug/l #	6

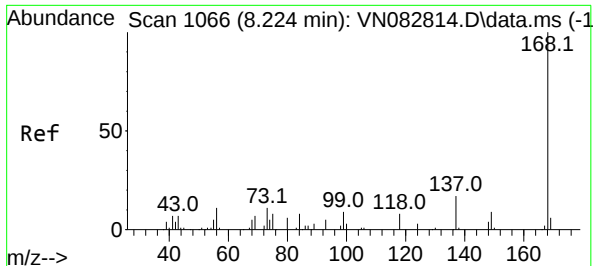
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072224\
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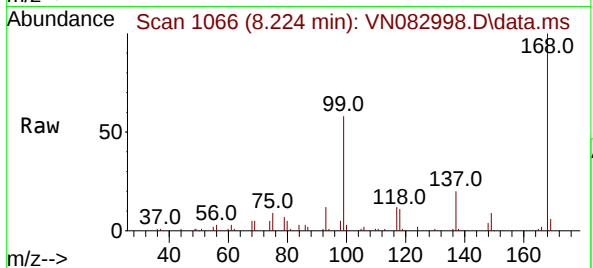
Quant Time: Jul 23 03:47:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
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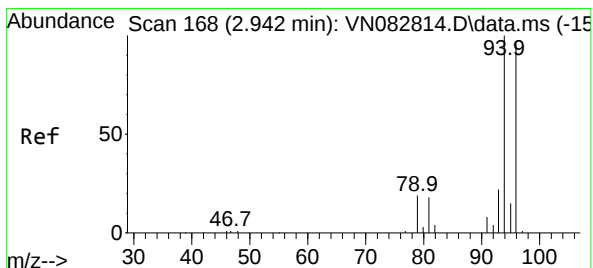
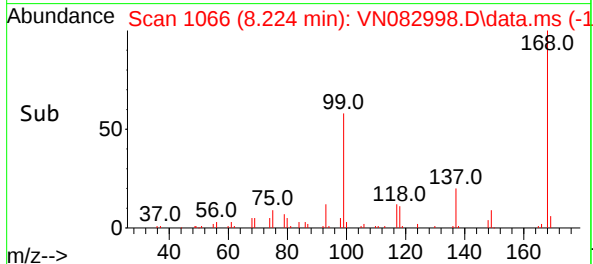
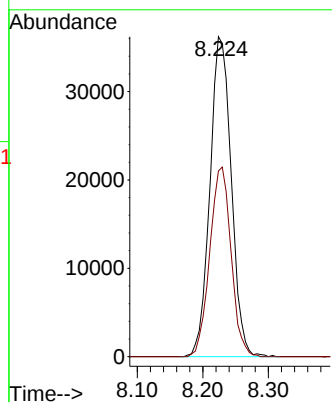


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082998.D
Acq: 22 Jul 2024 12:04

Instrument :
MSVOA_N
ClientSampleId :

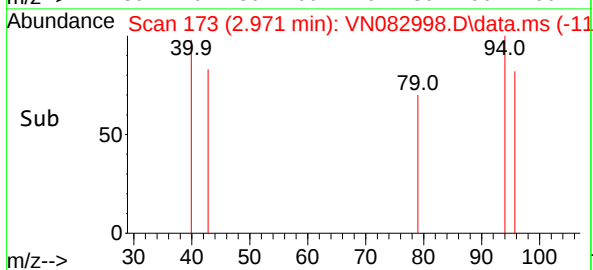
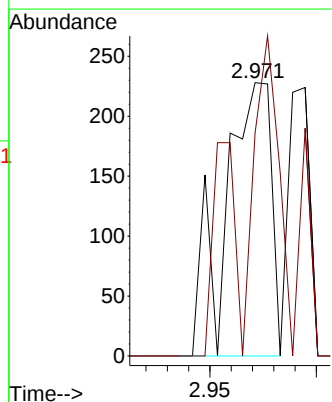
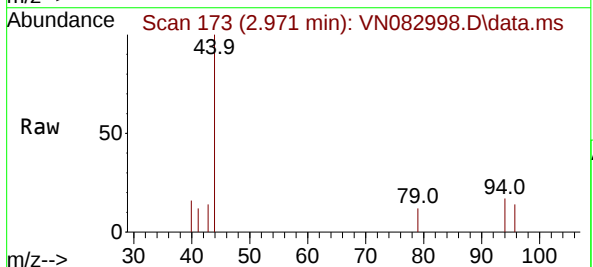


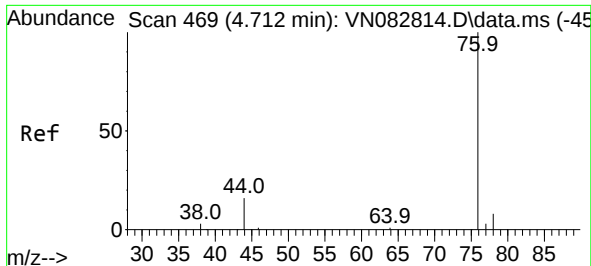
Tgt Ion:168 Resp: 81745
Ion Ratio Lower Upper
168 100
99 58.0 48.2 72.4



#5
Bromomethane
Concen: 0.451 ug/l
RT: 2.971 min Scan# 173
Delta R.T. 0.024 min
Lab File: VN082998.D
Acq: 22 Jul 2024 12:04

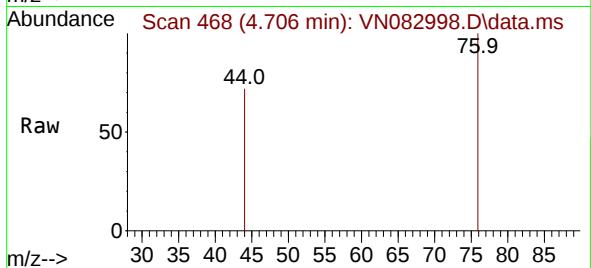
Tgt Ion: 94 Resp: 343
Ion Ratio Lower Upper
94 100
96 81.6 78.0 117.0



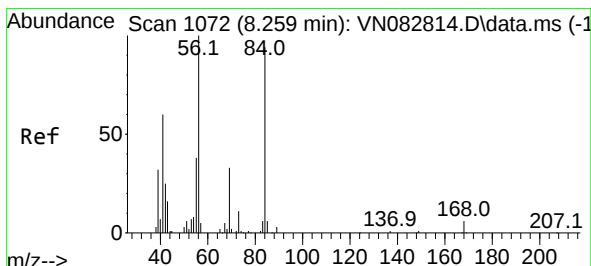
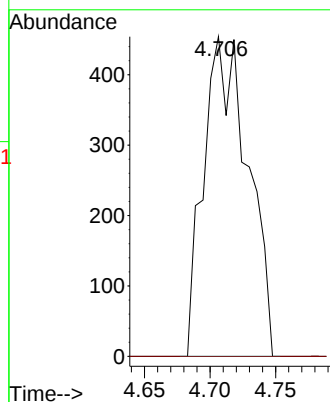
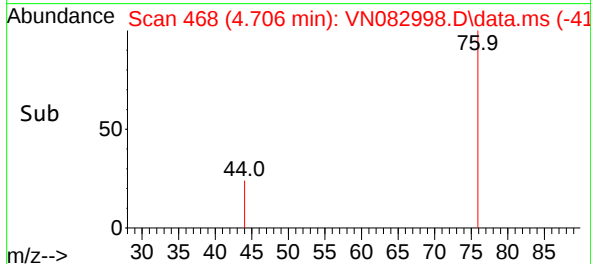


#17
Carbon Disulfide
Concen: 0.426 ug/l
RT: 4.706 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN082998.D
Acq: 22 Jul 2024 12:04

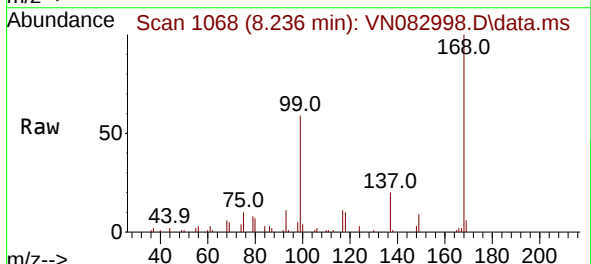
Instrument :
MSVOA_N
ClientSampleId :



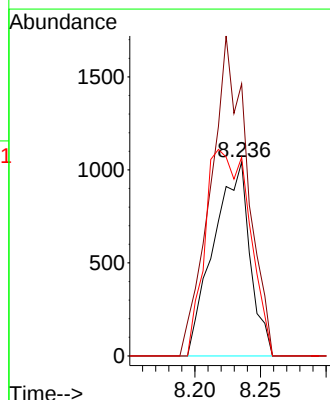
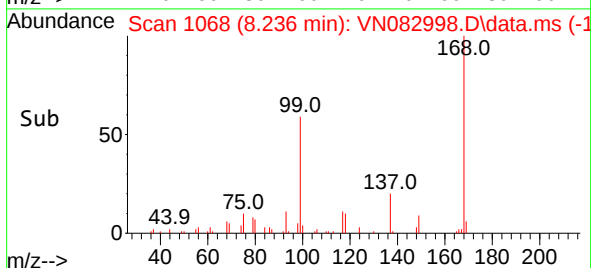
Tgt Ion: 76 Resp: 1063
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

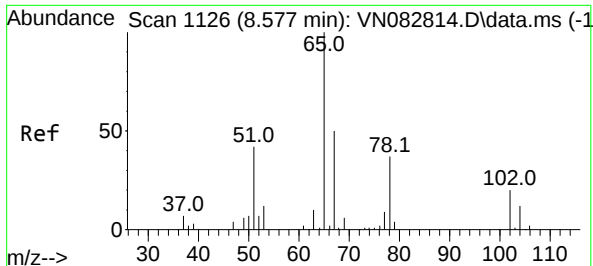


#31
Cyclohexane
Concen: 1.334 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.023 min
Lab File: VN082998.D
Acq: 22 Jul 2024 12:04



Tgt Ion: 56 Resp: 1998
Ion Ratio Lower Upper
56 100
69 140.4 24.5 36.7#
84 102.5 66.0 99.0#





#33

1,2-Dichloroethane-d4

Concen: 54.669 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN082998.D

Acq: 22 Jul 2024 12:04

Instrument :

MSVOA_N

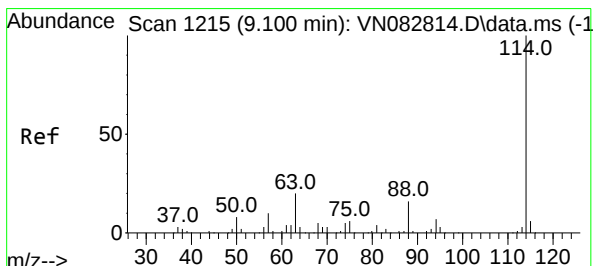
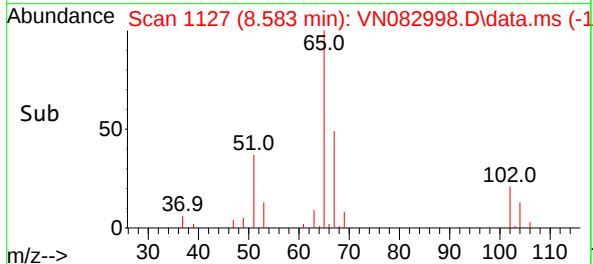
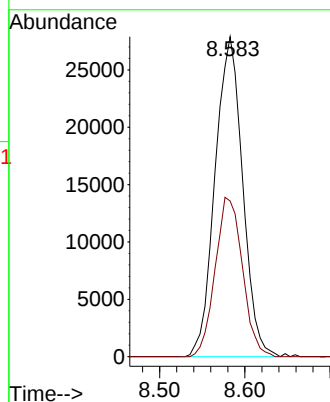
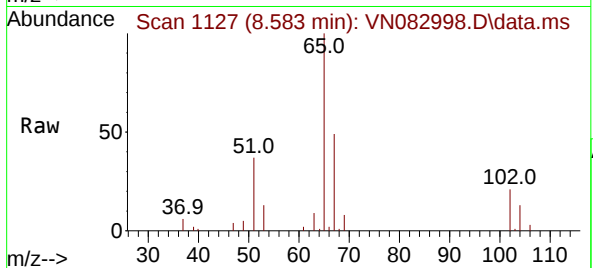
ClientSampleId :

Tgt Ion: 65 Resp: 62645

Ion Ratio Lower Upper

65 100

67 49.2 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: VN082998.D

Acq: 22 Jul 2024 12:04

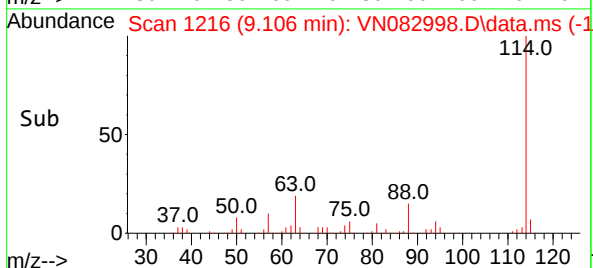
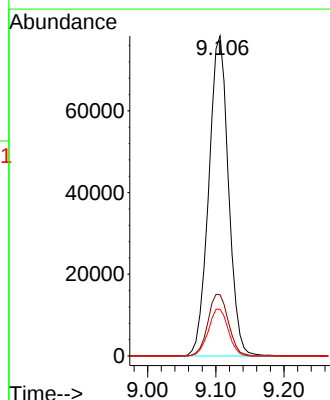
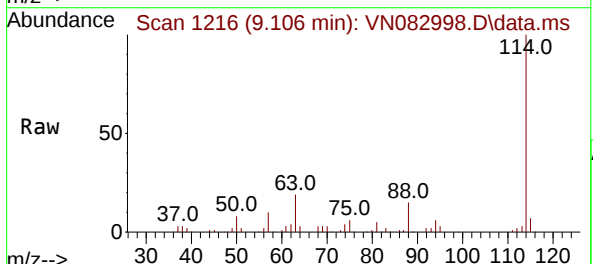
Tgt Ion: 114 Resp: 157305

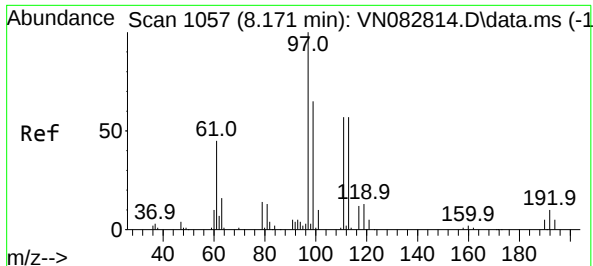
Ion Ratio Lower Upper

114 100

63 19.1 0.0 44.6

88 14.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.966 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082998.D

Acq: 22 Jul 2024 12:04

Instrument :

MSVOA_N

ClientSampleId :

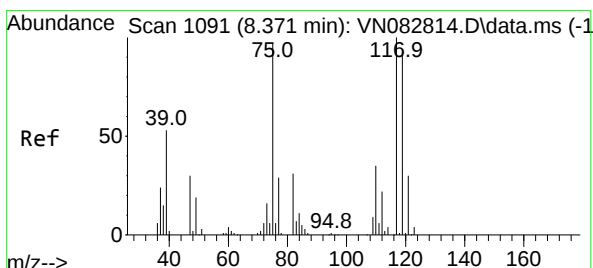
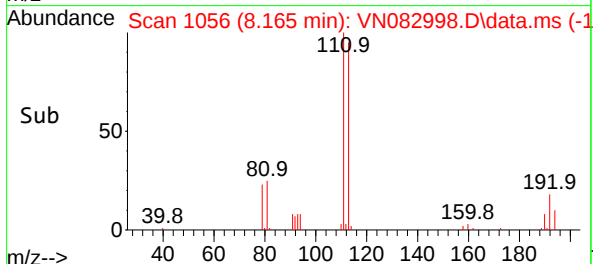
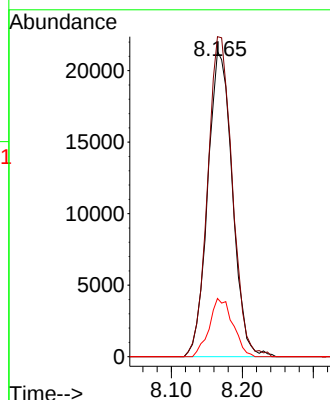
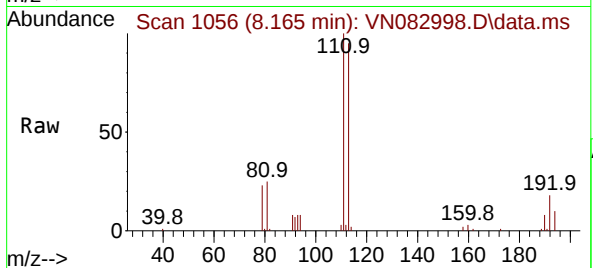
Tgt Ion:113 Resp: 51444

Ion Ratio Lower Upper

113 100

111 104.4 82.4 123.6

192 18.2 14.9 22.3



#36

1,1-Dichloropropene

Concen: 5.309 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN082998.D

Acq: 22 Jul 2024 12:04

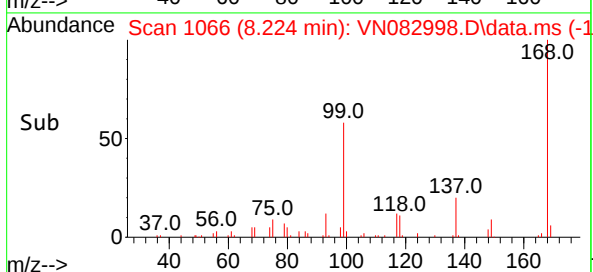
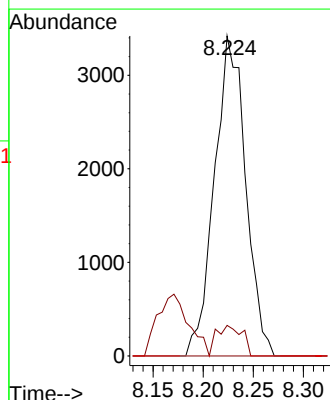
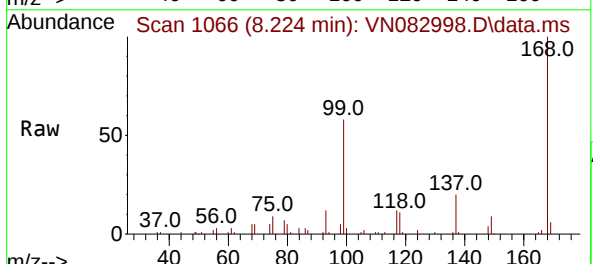
Tgt Ion: 75 Resp: 7389

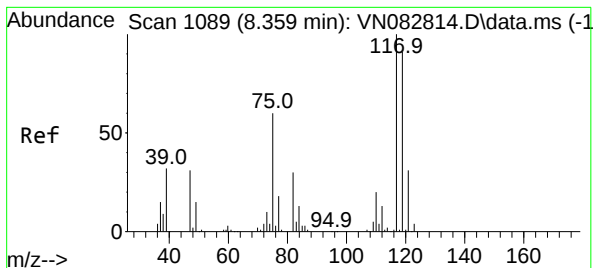
Ion Ratio Lower Upper

75 100

110 7.8 16.3 48.9#

77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.265 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.141 min

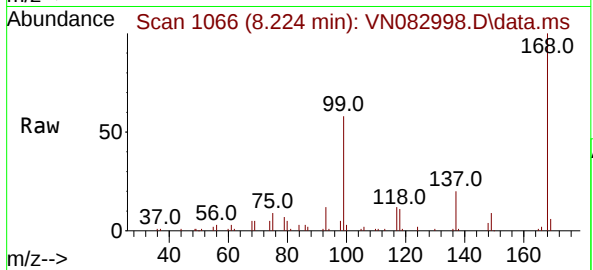
Lab File: VN082998.D

Acq: 22 Jul 2024 12:04

Instrument :

MSVOA_N

ClientSampleId :



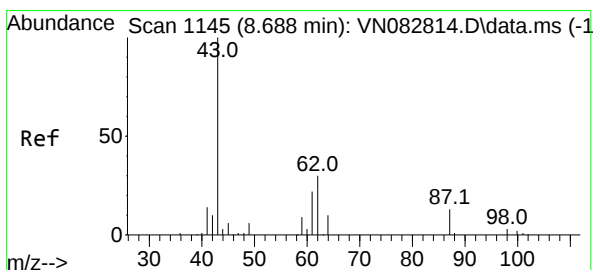
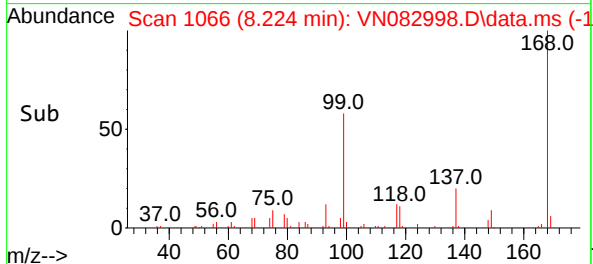
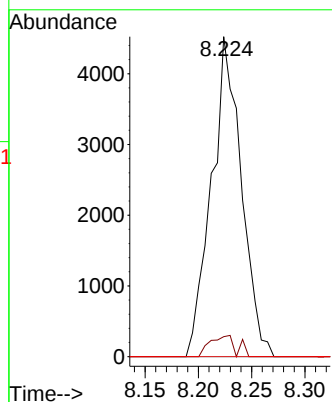
Tgt Ion:117 Resp: 8822

Ion Ratio Lower Upper

117 100

119 6.2 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.706 min Scan# 1148

Delta R.T. 0.012 min

Lab File: VN082998.D

Acq: 22 Jul 2024 12:04

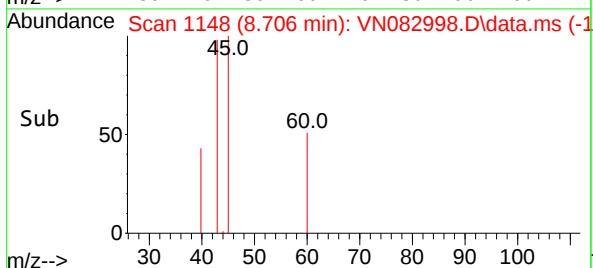
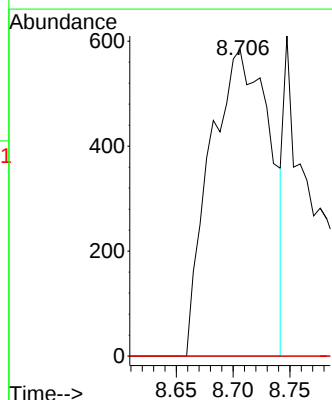
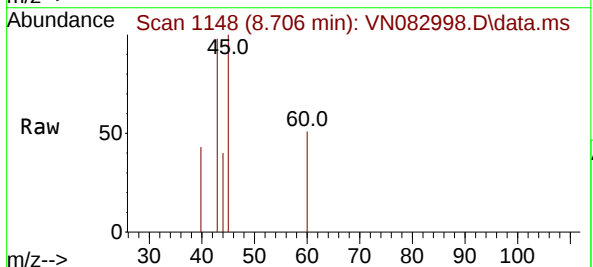
Tgt Ion: 43 Resp: 2141

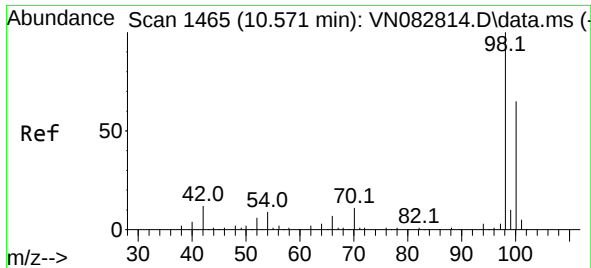
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#

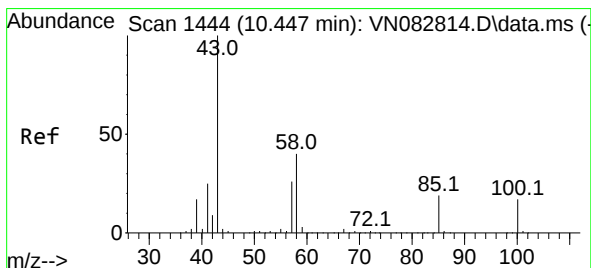
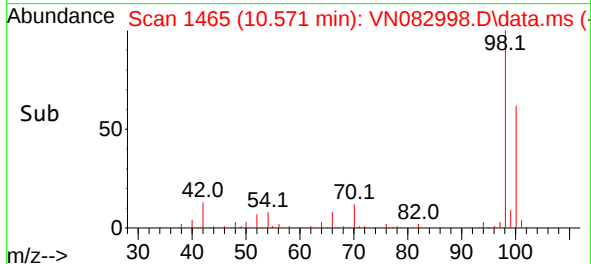
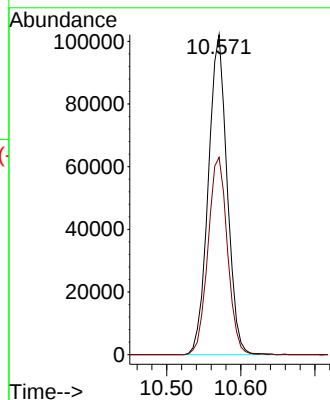
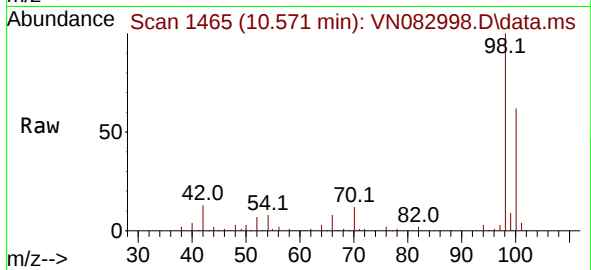




#50
Toluene-d8
Concen: 48.290 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082998.D
Acq: 22 Jul 2024 12:04

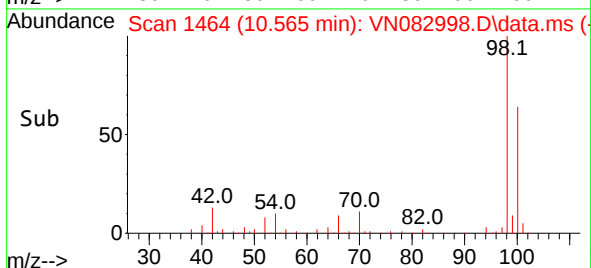
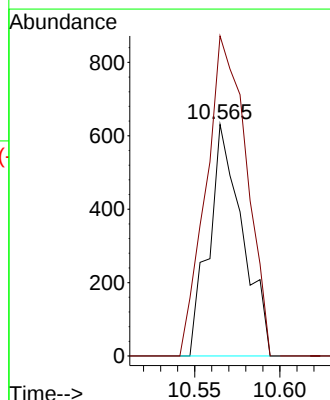
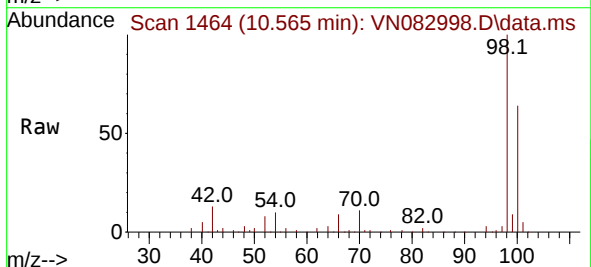
Instrument :
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ClientSampleId :

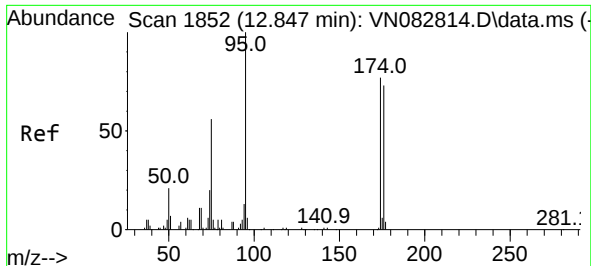
Tgt Ion: 98 Resp: 180032
Ion Ratio Lower Upper
98 100
100 63.7 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.612 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN082998.D
Acq: 22 Jul 2024 12:04

Tgt Ion: 43 Resp: 860
Ion Ratio Lower Upper
43 100
58 167.6 28.2 42.4#

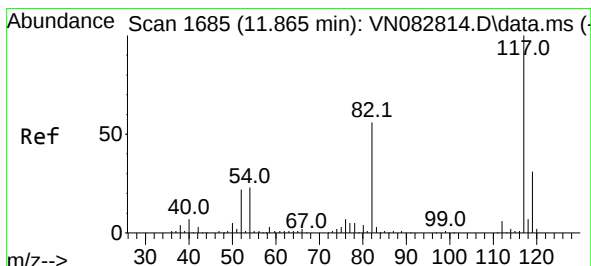
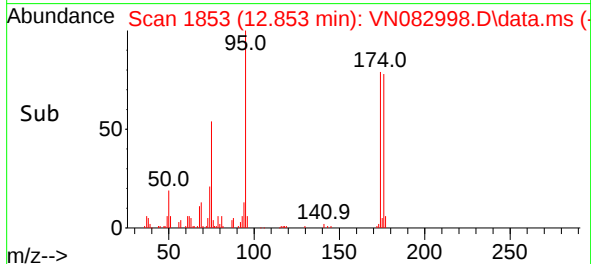
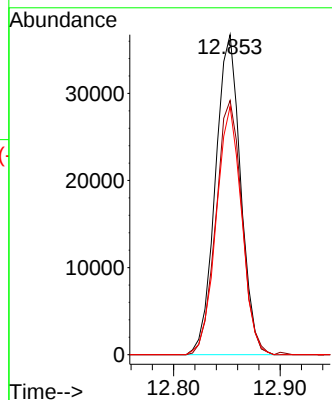
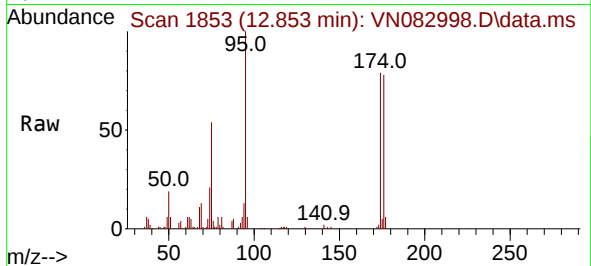




#62
4-Bromofluorobenzene
Concen: 44.986 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082998.D
Acq: 22 Jul 2024 12:04

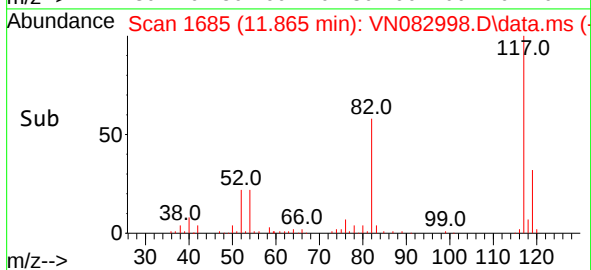
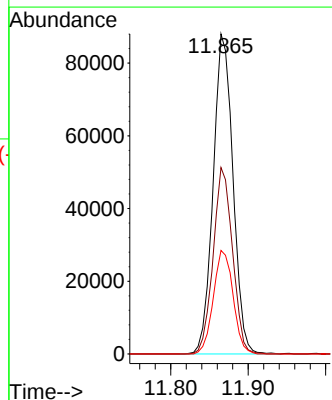
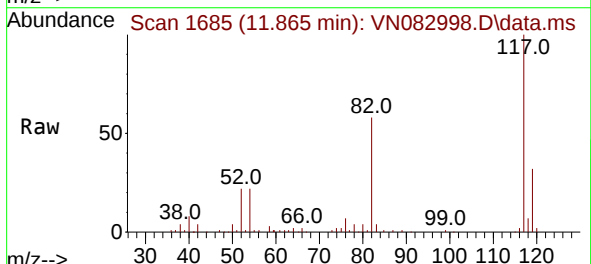
Instrument :
MSVOA_N
ClientSampleId :

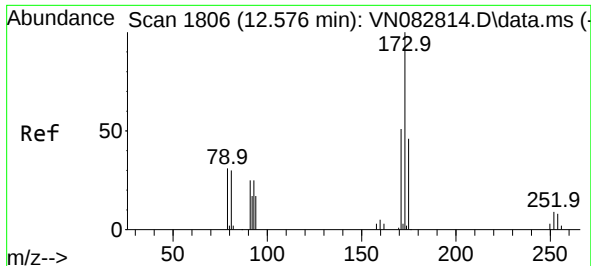
Tgt Ion: 95 Resp: 60244
Ion Ratio Lower Upper
95 100
174 81.9 0.0 159.2
176 78.2 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082998.D
Acq: 22 Jul 2024 12:04

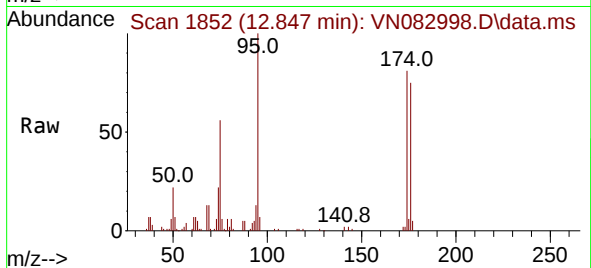
Tgt Ion: 117 Resp: 156270
Ion Ratio Lower Upper
117 100
82 58.2 47.5 71.3
119 32.3 25.6 38.4



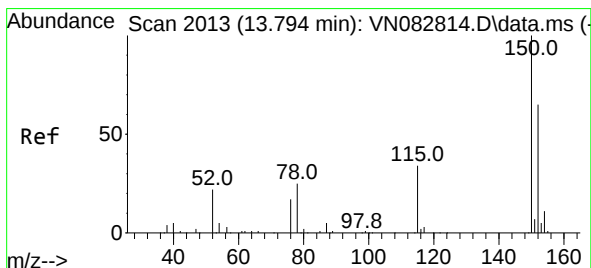
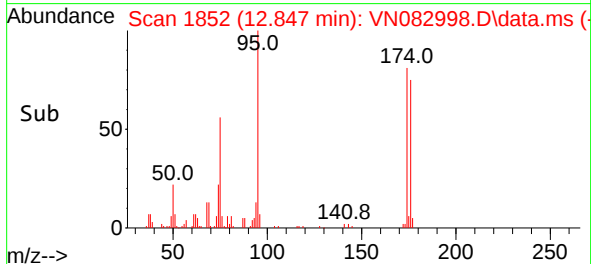
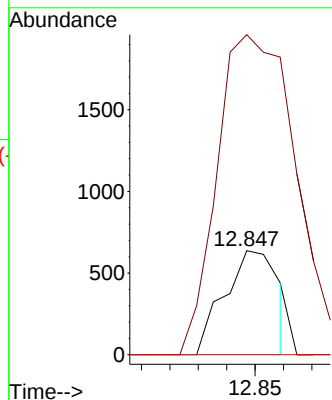


#71
Bromoform
Concen: 0.900 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.265 min
Lab File: VN082998.D
Acq: 22 Jul 2024 12:04

Instrument :
MSVOA_N
ClientSampleId :

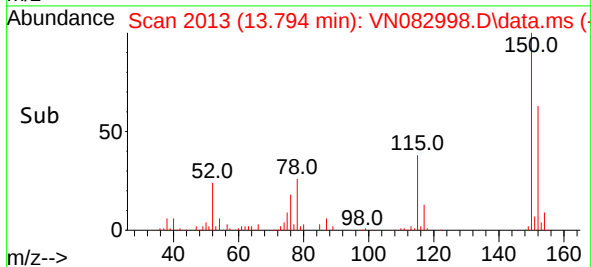
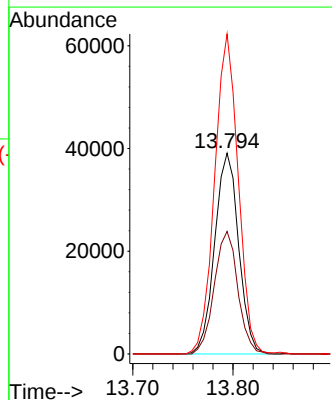
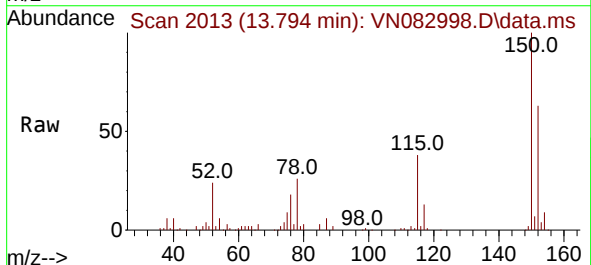


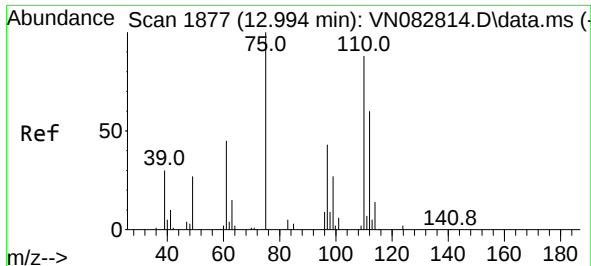
Tgt Ion:173 Resp: 843
Ion Ratio Lower Upper
173 100
175 364.3 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082998.D
Acq: 22 Jul 2024 12:04

Tgt Ion:152 Resp: 64772
Ion Ratio Lower Upper
152 100
115 60.1 30.6 91.6
150 156.8 0.0 348.6

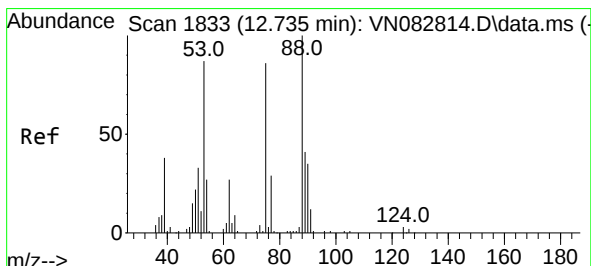
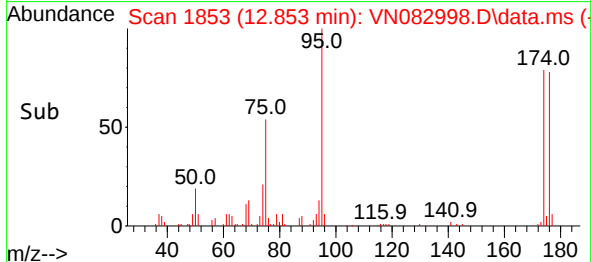
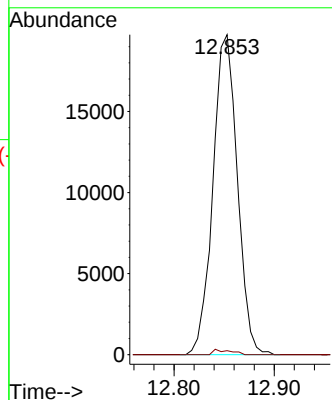
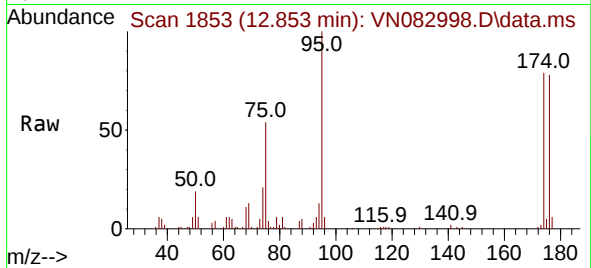




#76
1,2,3-Trichloropropane
Concen: 29.888 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082998.D
Acq: 22 Jul 2024 12:04

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 33376
Ion Ratio Lower Upper
75 100
77 1.2 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.781 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN082998.D
Acq: 22 Jul 2024 12:04

Tgt Ion: 75 Resp: 33376
Ion Ratio Lower Upper
75 100
53 0.2 88.4 132.6#
89 0.0 36.3 54.5#

