

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071924\
 Data File : VN082989.D
 Acq On : 19 Jul 2024 15:22
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 22 02:06:25 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)

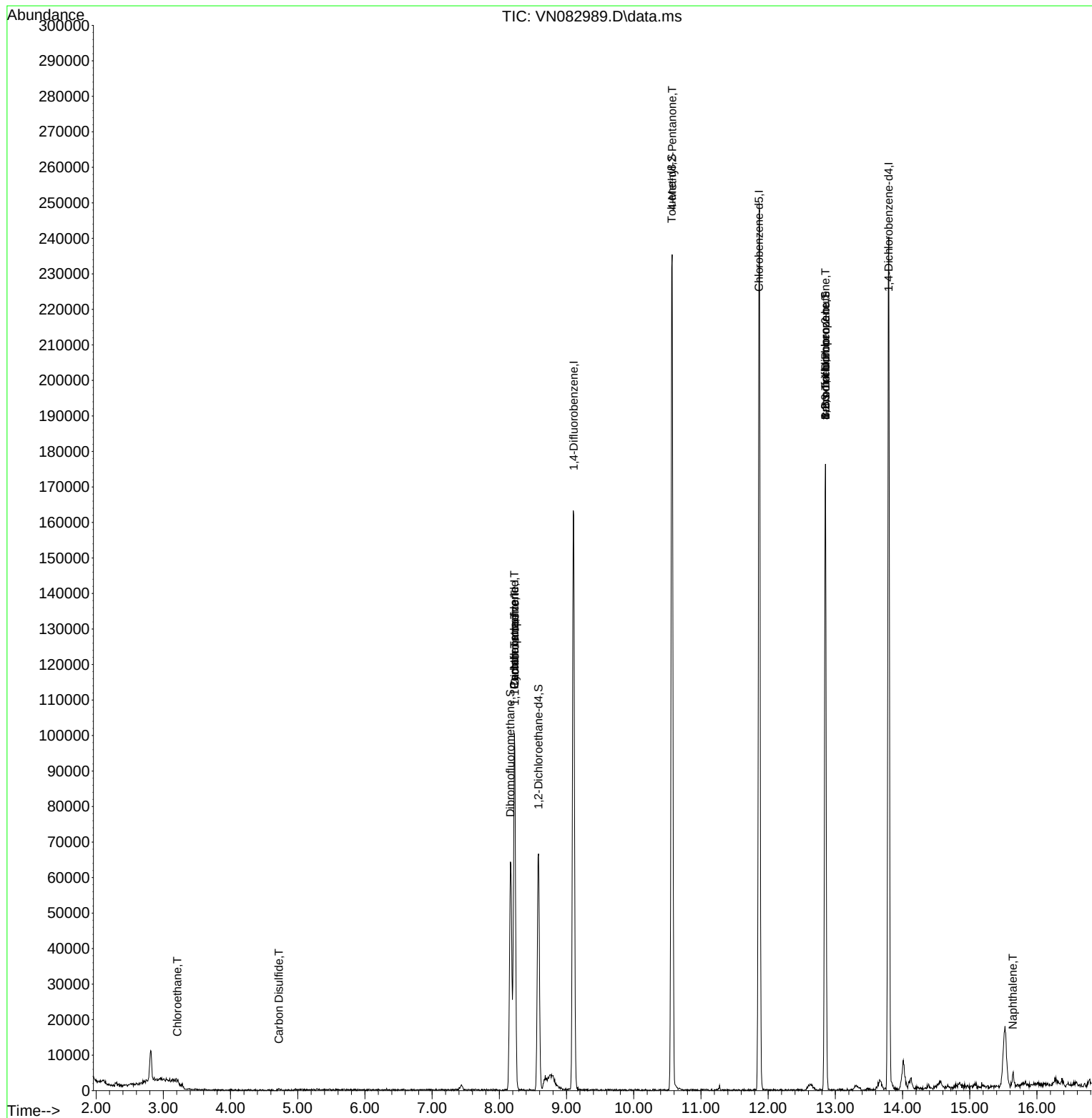
Internal Standards						
1) Pentafluorobenzene	8.224	168	69323	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	139339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	141477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	63310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	55763	57.383	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 114.760%		
35) Dibromofluoromethane	8.165	113	46657	52.183	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 104.360%		
50) Toluene-d8	10.565	98	162512	49.211	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 98.420%		
62) 4-Bromofluorobenzene	12.853	95	54482	45.929	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 91.860%		
Target Compounds						
					Qvalue	
6) Chloroethane	3.206	64	1587	2.594	ug/l #	41
17) Carbon Disulfide	4.718	76	503	0.238	ug/l #	75
31) Cyclohexane	8.224	56	2133	1.679	ug/l #	20
36) 1,1-Dichloropropene	8.230	75	6043	4.902	ug/l #	49
38) Carbon Tetrachloride	8.224	117	7552	5.088	ug/l #	18
43) Isopropyl Acetate	8.683	43	4014	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.571	43	805	0.647	ug/l #	1
71) Bromoform	12.853	173	571	0.673	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	31798	29.132	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	31798	57.295	ug/l #	6
95) Naphthalene	15.641	128	3189	0.830	ug/l #	93

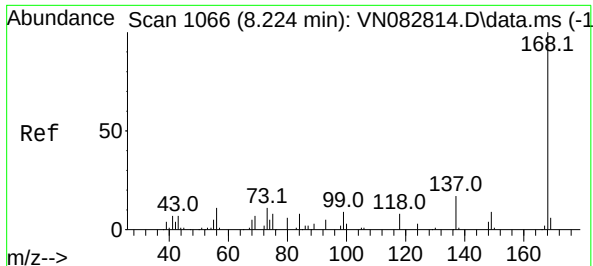
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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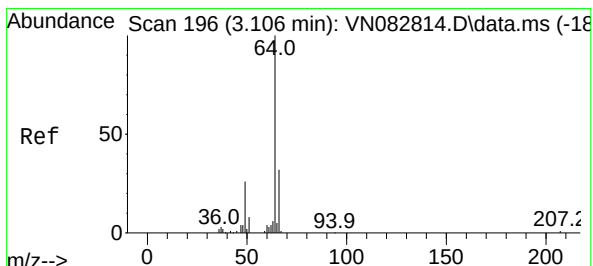
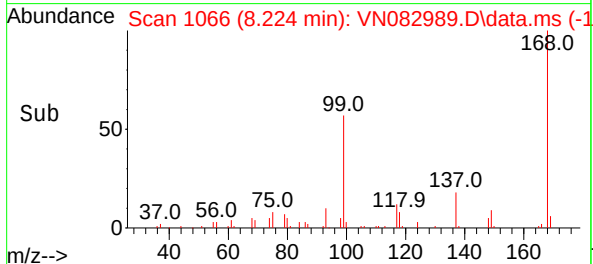
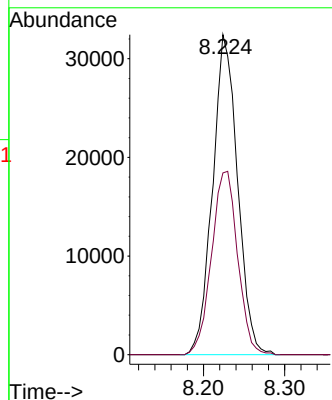
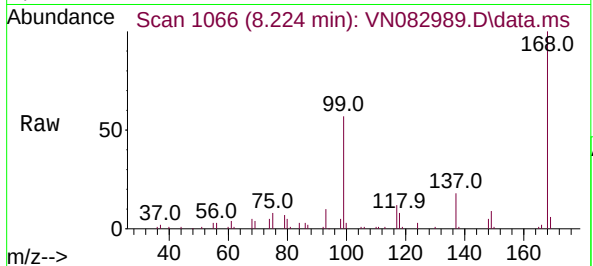




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN082989.D
Acq: 19 Jul 2024 15:22

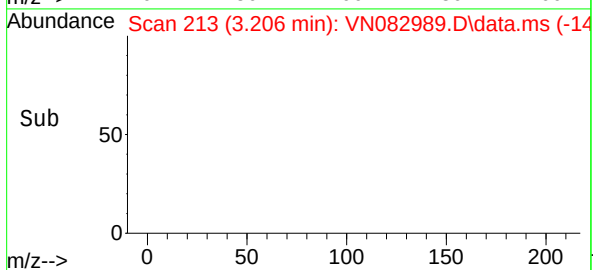
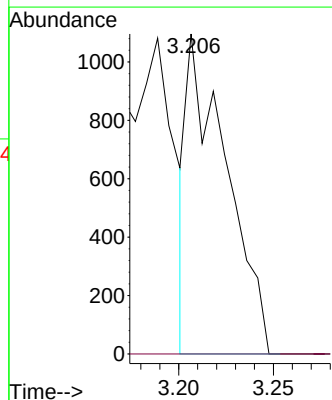
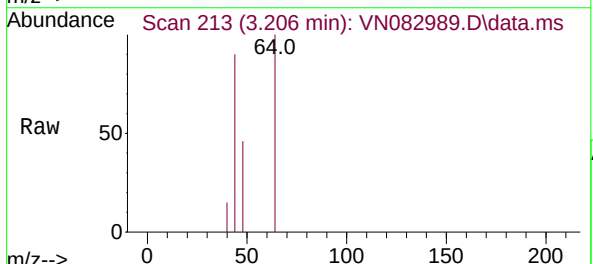
Instrument :
MSVOA_N
ClientSampleId :
IBLK

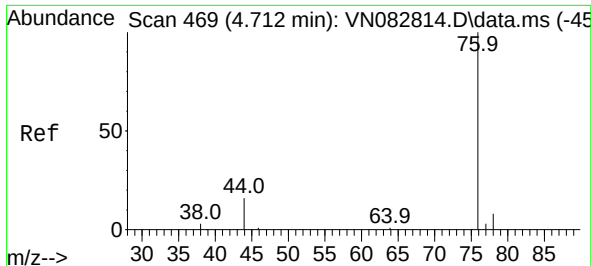
Tgt Ion:168 Resp: 69323
Ion Ratio Lower Upper
168 100
99 56.8 48.2 72.4



#6
Chloroethane
Concen: 2.594 ug/l
RT: 3.206 min Scan# 213
Delta R.T. 0.094 min
Lab File: VN082989.D
Acq: 19 Jul 2024 15:22

Tgt Ion: 64 Resp: 1587
Ion Ratio Lower Upper
64 100
66 0.0 26.6 40.0#

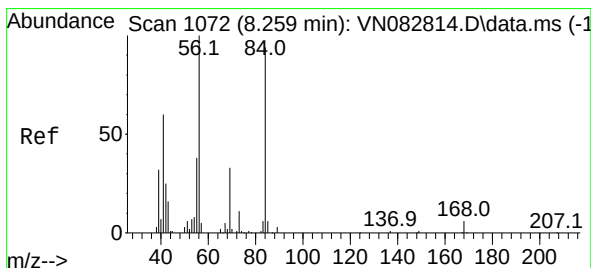
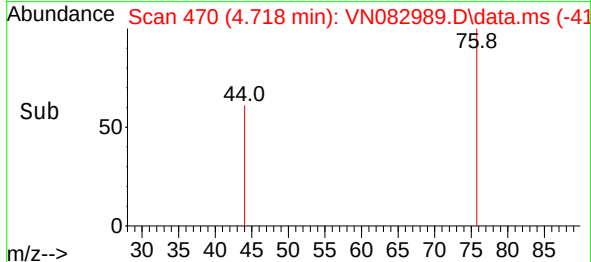
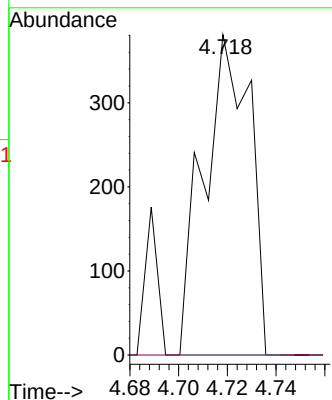
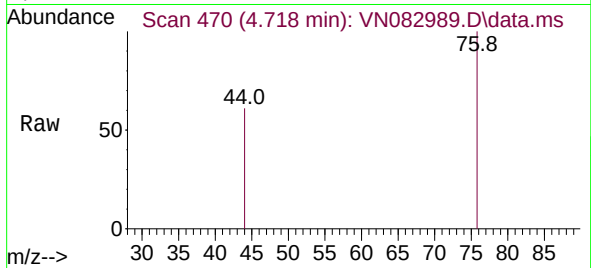




#17
Carbon Disulfide
Concen: 0.238 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082989.D
Acq: 19 Jul 2024 15:22

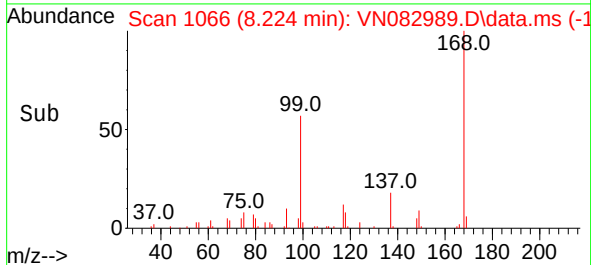
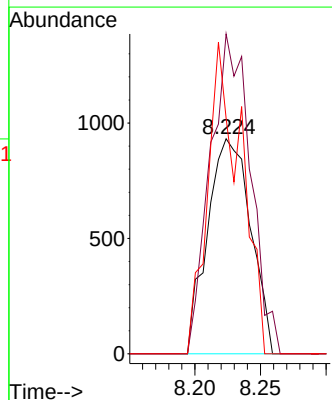
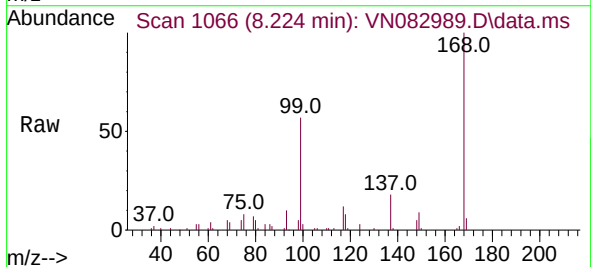
Instrument :
MSVOA_N
ClientSampleId :
IBLK

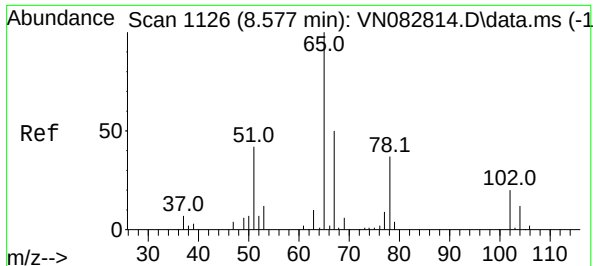
Tgt Ion: 76 Resp: 503
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#31
Cyclohexane
Concen: 1.679 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082989.D
Acq: 19 Jul 2024 15:22

Tgt Ion: 56 Resp: 2133
Ion Ratio Lower Upper
56 100
69 148.7 24.5 36.7#
84 109.5 66.0 99.0#

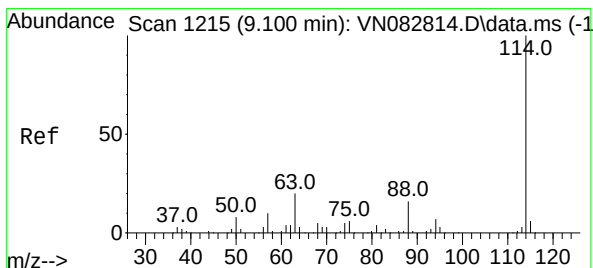
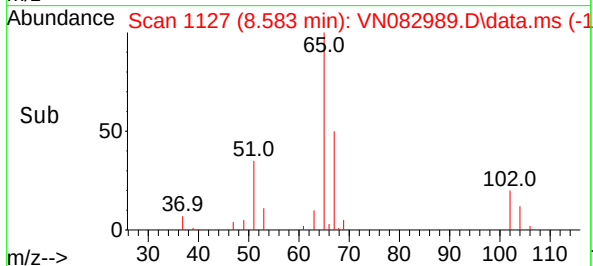
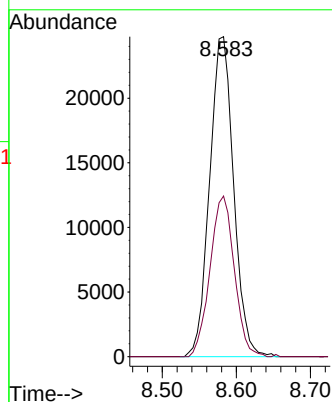
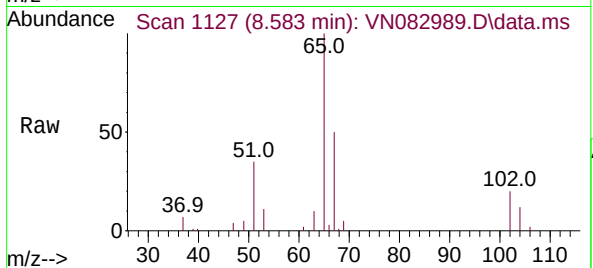




#33
 1,2-Dichloroethane-d4
 Concen: 57.383 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.001 min
 Lab File: VN082989.D
 Acq: 19 Jul 2024 15:22

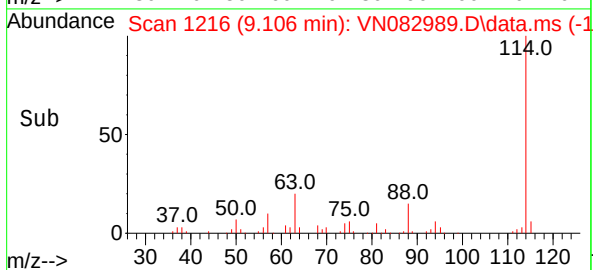
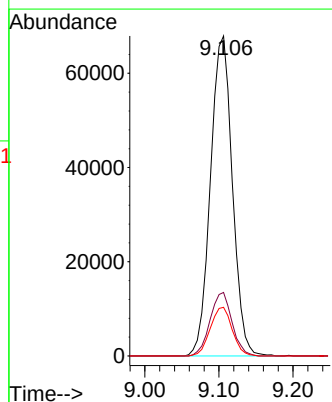
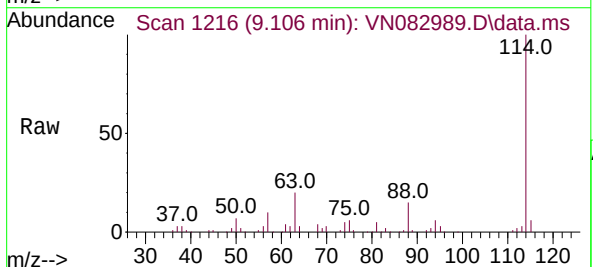
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

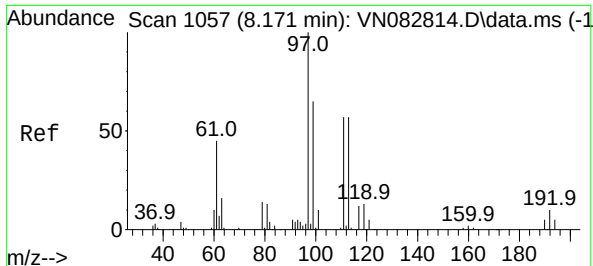
Tgt Ion: 65 Resp: 55763
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN082989.D
 Acq: 19 Jul 2024 15:22

Tgt Ion: 114 Resp: 139339
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 44.6
 88 15.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.183 ug/l

RT: 8.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082989.D

Acq: 19 Jul 2024 15:22

Instrument :

MSVOA_N

ClientSampleId :

IBLK

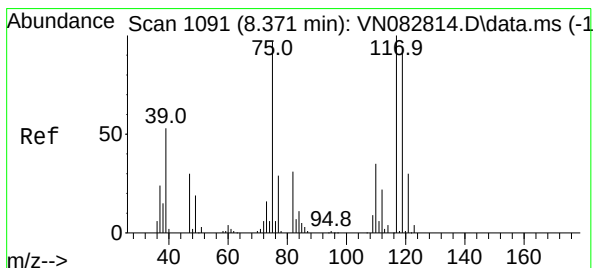
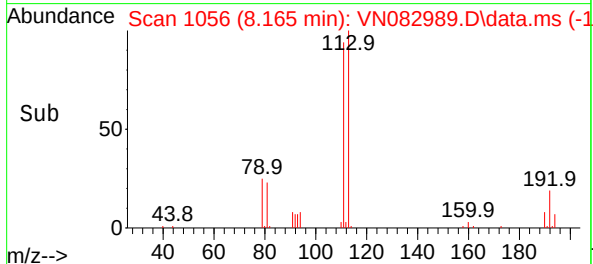
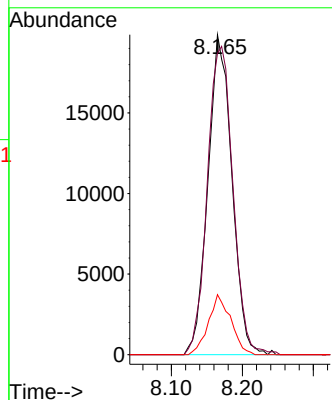
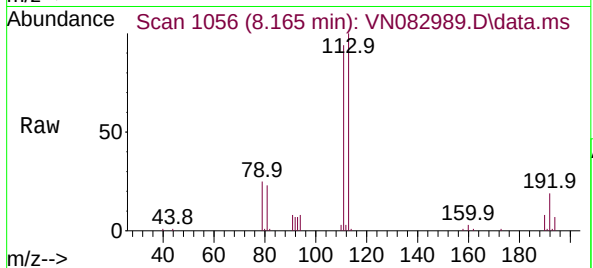
Tgt Ion:113 Resp: 46657

Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

192 17.5 14.9 22.3



#36

1,1-Dichloropropene

Concen: 4.902 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN082989.D

Acq: 19 Jul 2024 15:22

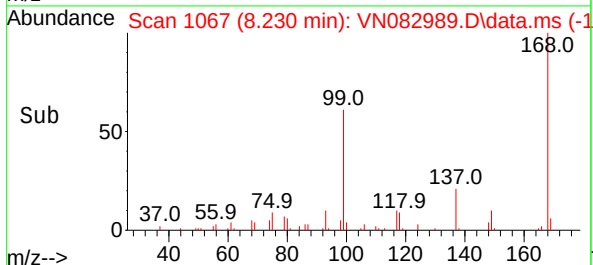
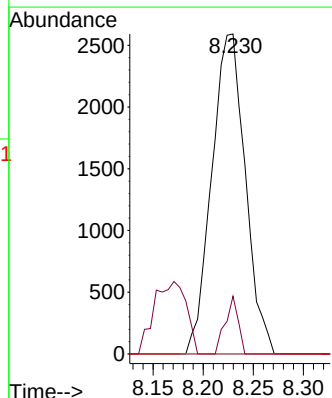
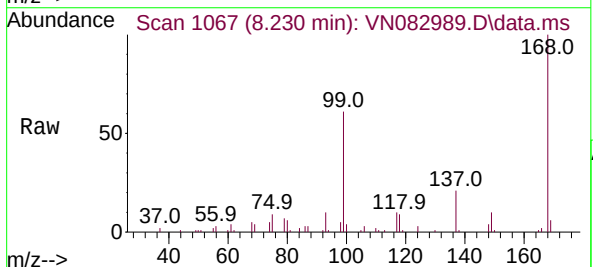
Tgt Ion: 75 Resp: 6043

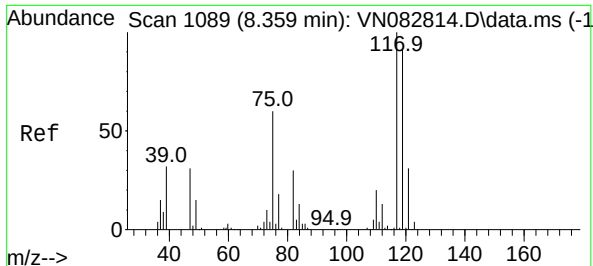
Ion Ratio Lower Upper

75 100

110 6.9 16.3 48.9#

77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.088 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.141 min

Lab File: VN082989.D

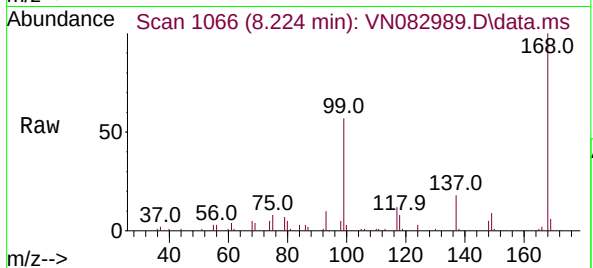
Acq: 19 Jul 2024 15:22

Instrument :

MSVOA_N

ClientSampleId :

IBLK



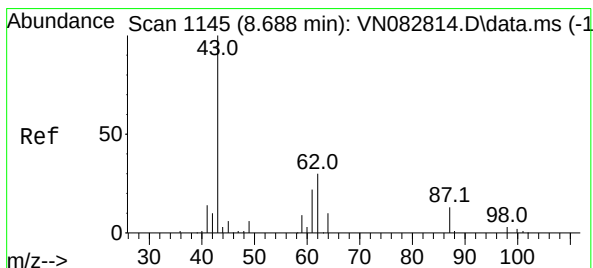
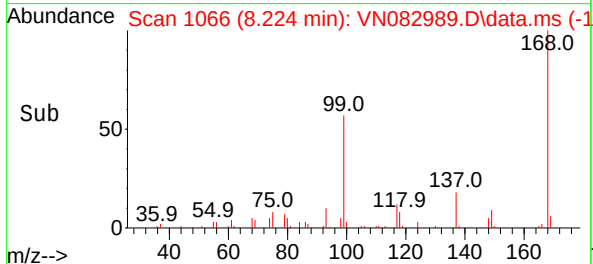
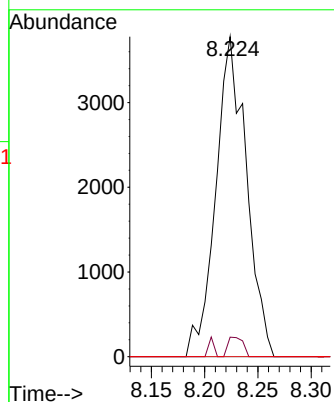
Tgt Ion:117 Resp: 7552

Ion Ratio Lower Upper

117 100

119 6.1 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.683 min Scan# 1144

Delta R.T. -0.011 min

Lab File: VN082989.D

Acq: 19 Jul 2024 15:22

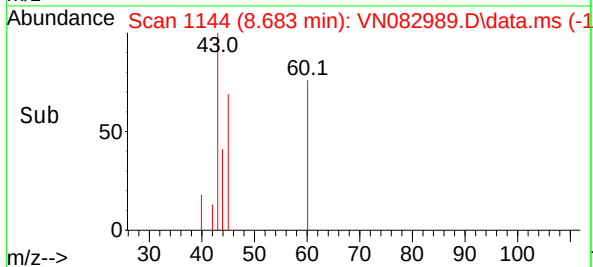
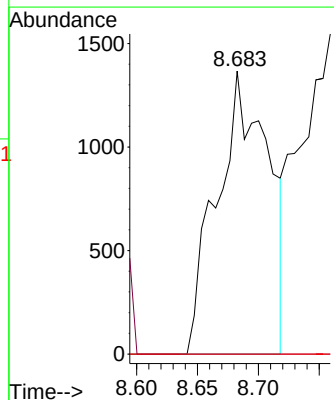
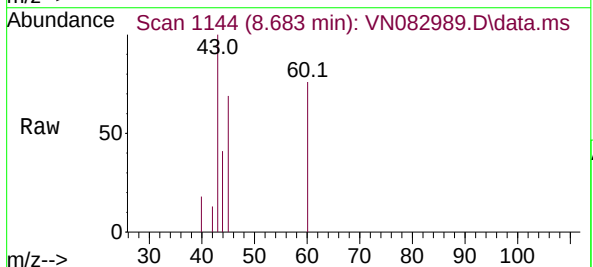
Tgt Ion: 43 Resp: 4014

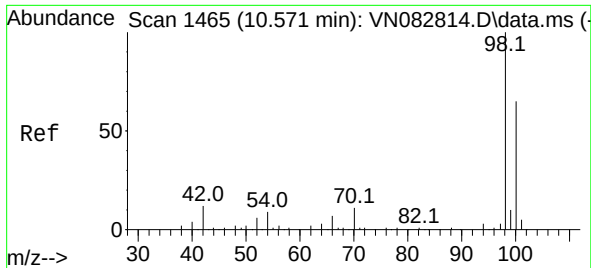
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#

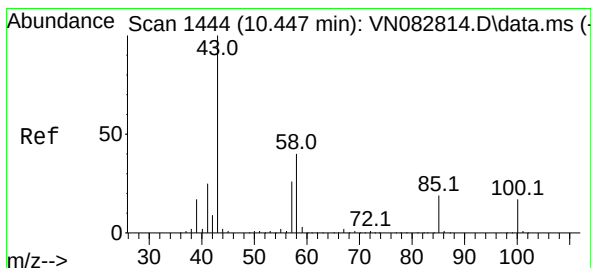
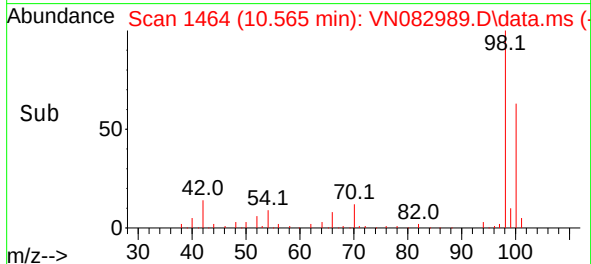
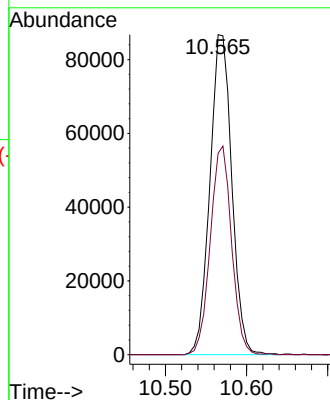
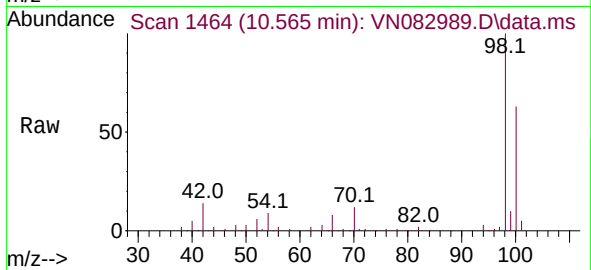




#50
Toluene-d8
Concen: 49.211 ug/l
RT: 10.565 min Scan# 1465
Delta R.T. -0.005 min
Lab File: VN082989.D
Acq: 19 Jul 2024 15:22

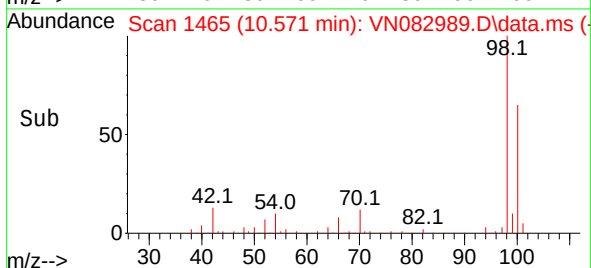
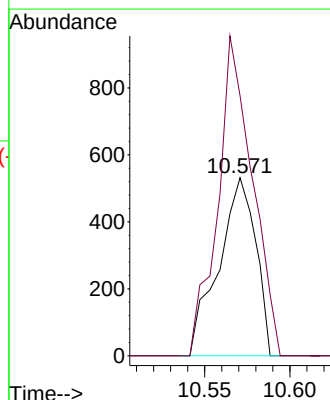
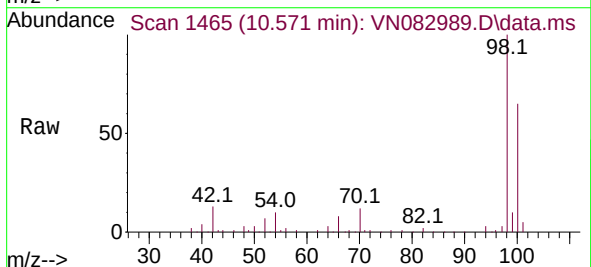
Instrument :
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IBLK

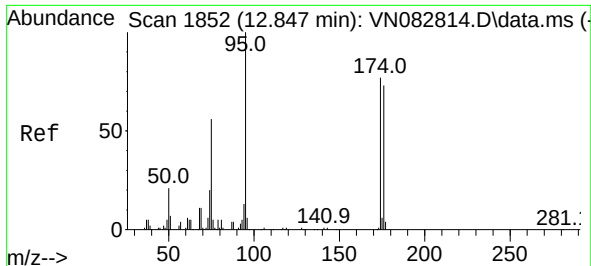
Tgt Ion: 98 Resp: 162512
Ion Ratio Lower Upper
98 100
100 63.3 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.647 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.124 min
Lab File: VN082989.D
Acq: 19 Jul 2024 15:22

Tgt Ion: 43 Resp: 805
Ion Ratio Lower Upper
43 100
58 167.6 28.2 42.4#





#62

4-Bromofluorobenzene

Concen: 45.929 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082989.D

Acq: 19 Jul 2024 15:22

Instrument :

MSVOA_N

ClientSampleId :

IBLK

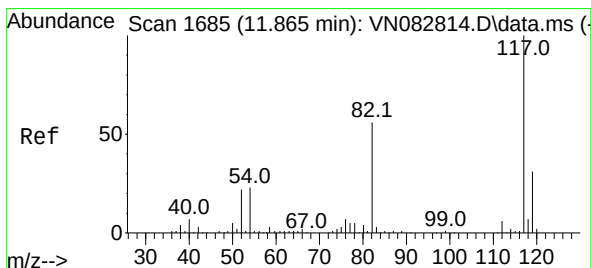
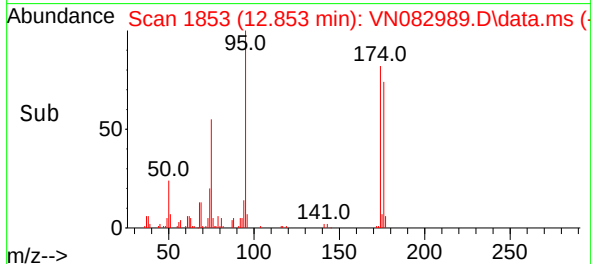
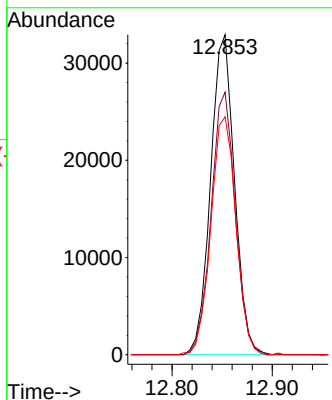
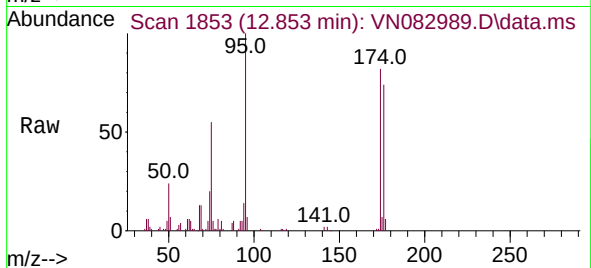
Tgt Ion: 95 Resp: 54482

Ion Ratio Lower Upper

95 100

174 82.9 0.0 159.2

176 78.0 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: VN082989.D

Acq: 19 Jul 2024 15:22

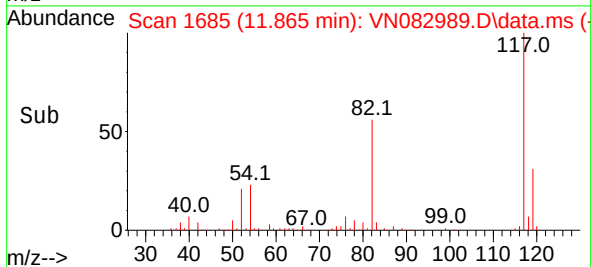
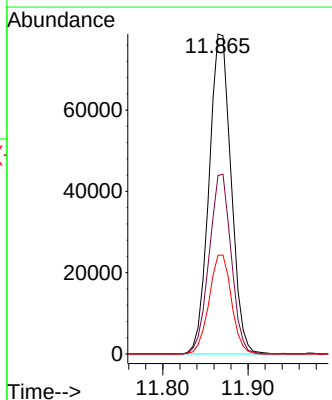
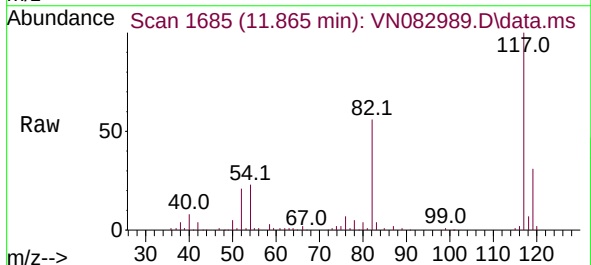
Tgt Ion: 117 Resp: 141477

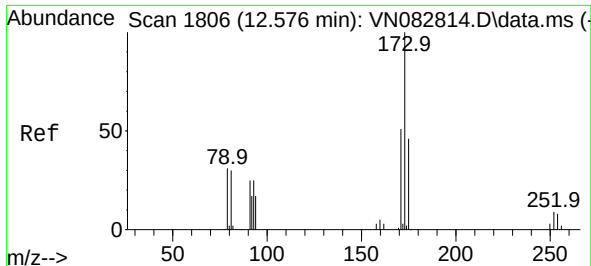
Ion Ratio Lower Upper

117 100

82 55.8 47.5 71.3

119 30.8 25.6 38.4

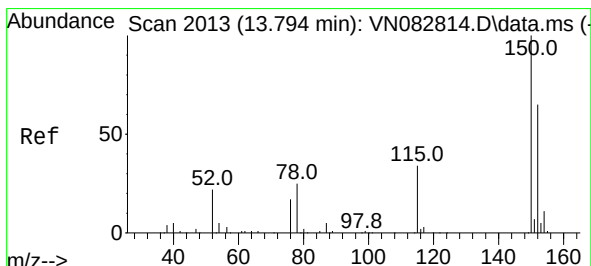
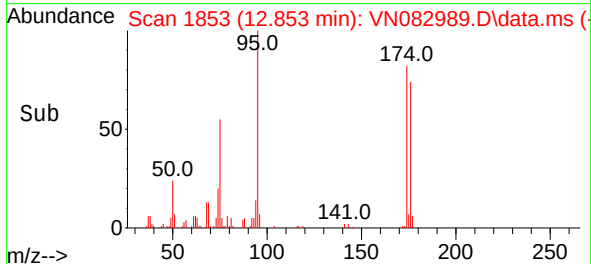
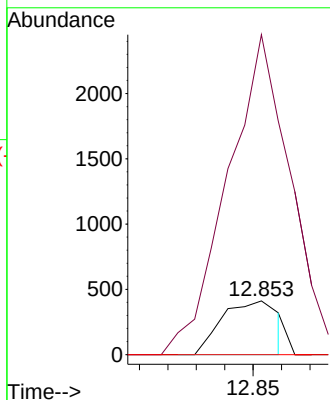
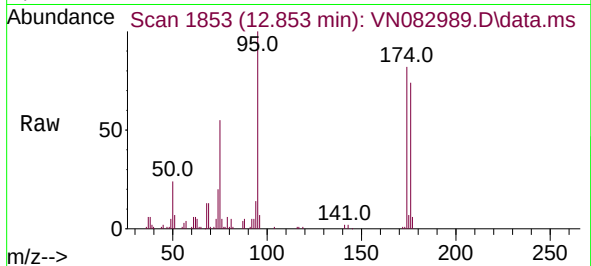




#71
Bromoform
Concen: 0.673 ug/l
RT: 12.853 min Scan# 1806
Delta R.T. 0.271 min
Lab File: VN082989.D
Acq: 19 Jul 2024 15:22

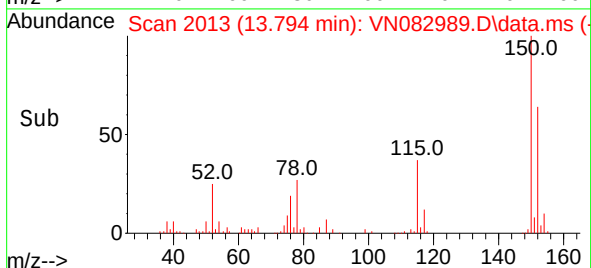
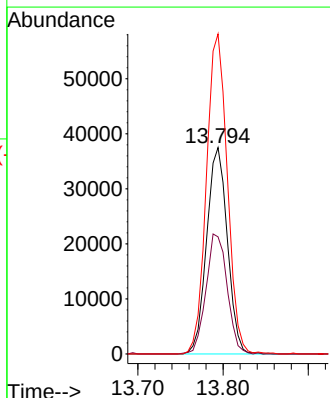
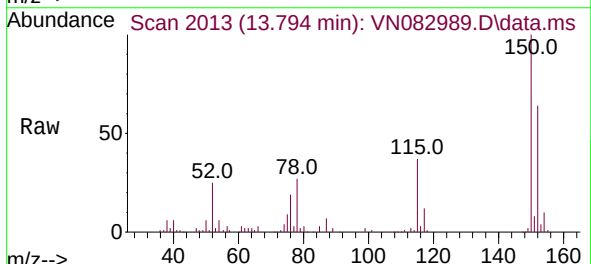
Instrument :
MSVOA_N
ClientSampleId :
IBLK

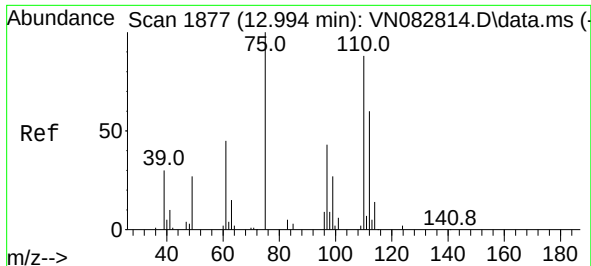
Tgt Ion:173 Resp: 571
Ion Ratio Lower Upper
173 100
175 536.6 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082989.D
Acq: 19 Jul 2024 15:22

Tgt Ion:152 Resp: 63310
Ion Ratio Lower Upper
152 100
115 59.5 30.6 91.6
150 156.0 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 29.132 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082989.D

Acq: 19 Jul 2024 15:22

Instrument :

MSVOA_N

ClientSampleId :

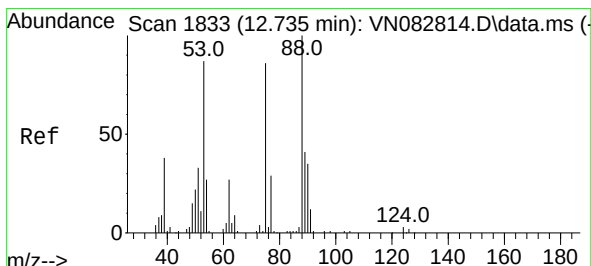
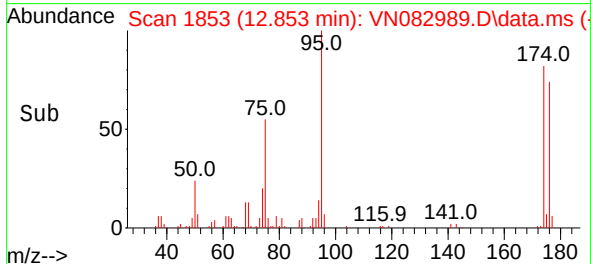
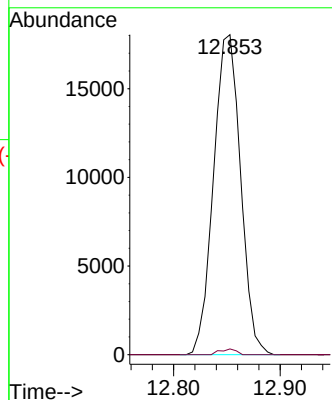
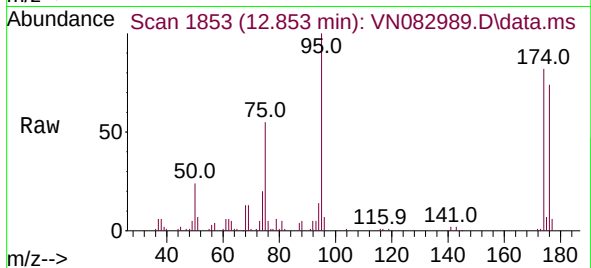
IBLK

Tgt Ion: 75 Resp: 31798

Ion Ratio Lower Upper

75 100

77 1.1 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 57.295 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN082989.D

Acq: 19 Jul 2024 15:22

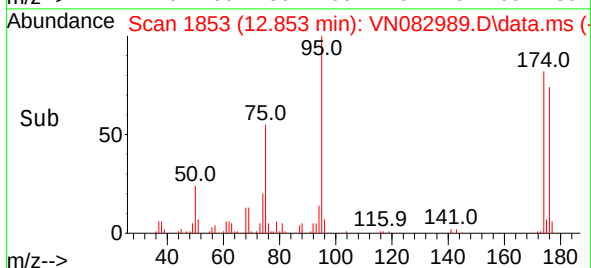
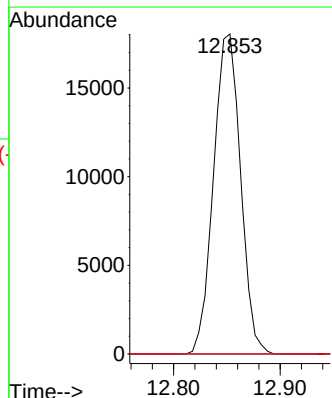
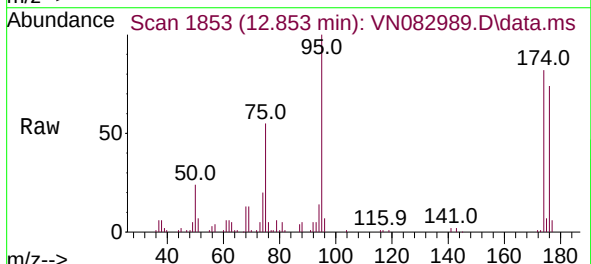
Tgt Ion: 75 Resp: 31798

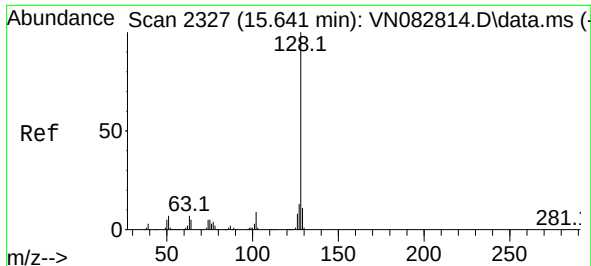
Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#





#95

Naphthalene

Concen: 0.830 ug/l

RT: 15.641 min Scan# 24

Delta R.T. -0.000 min

Lab File: VN082989.D

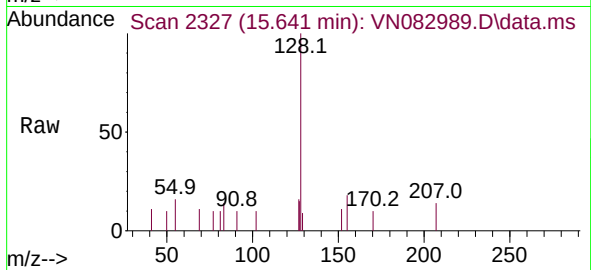
Acq: 19 Jul 2024 15:22

Instrument :

MSVOA_N

ClientSampleId :

IBLK



Tgt Ion:128 Resp: 3189

Ion Ratio Lower Upper

128 100

127 15.0 10.6 16.0

129 7.1 8.6 12.8#

