

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071924\
 Data File : VN082981.D
 Acq On : 19 Jul 2024 11:50
 Operator : JC\MD
 Sample : VN0719WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 22 02:02:53 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)

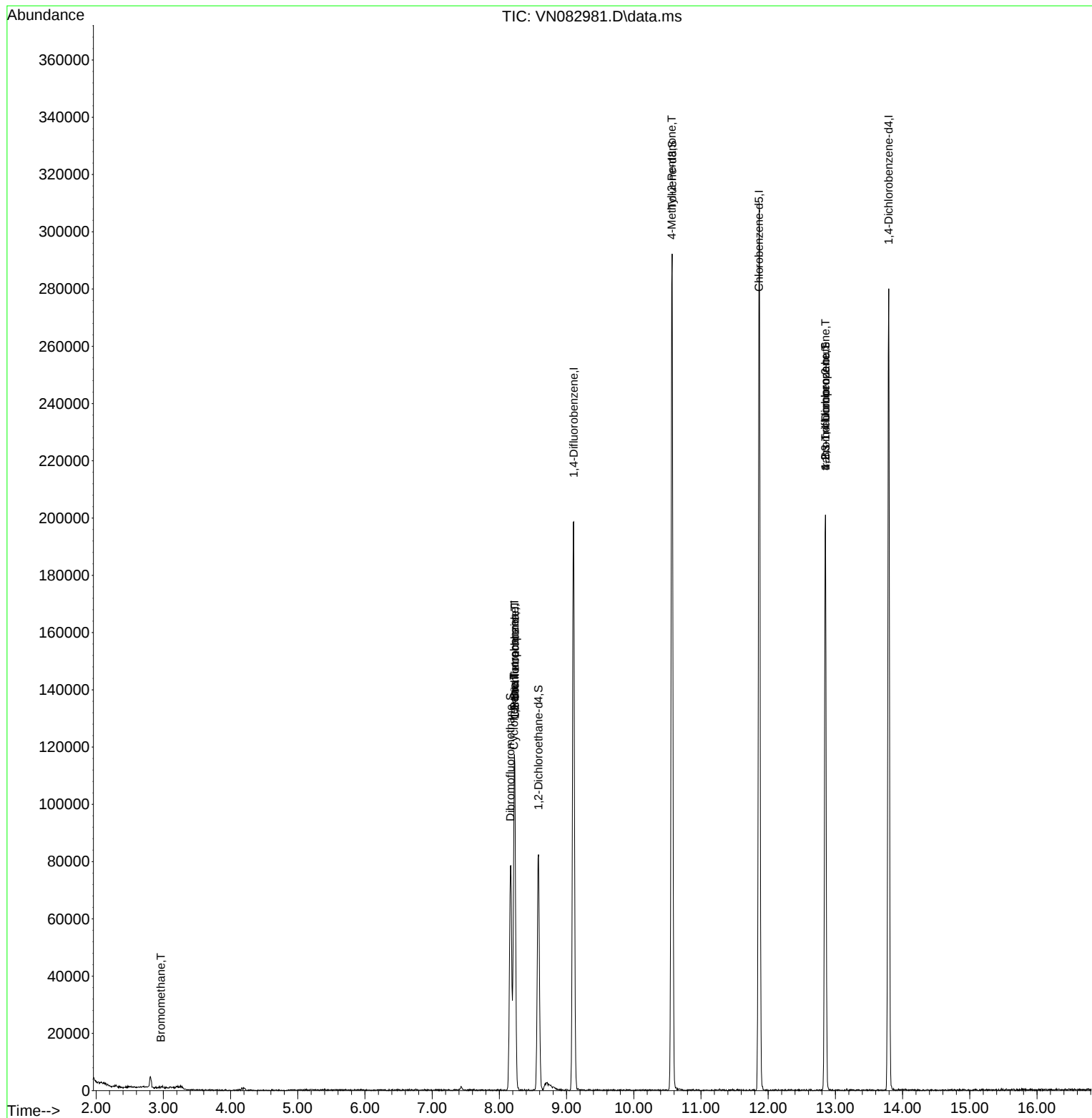
Internal Standards						
1) Pentafluorobenzene	8.224	168	82591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	166798	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	170505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	73030	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	67289	58.120	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	116.240%	
35) Dibromofluoromethane	8.165	113	55916	52.243	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	104.480%	
50) Toluene-d8	10.571	98	199716	50.521	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	101.040%	
62) 4-Bromofluorobenzene	12.853	95	62558	44.055	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	=	88.100%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.965	94	165	0.215	ug/l #	1
31) Cyclohexane	8.218	56	2372	1.567	ug/l #	24
36) 1,1-Dichloropropene	8.230	75	7599	5.150	ug/l #	49
38) Carbon Tetrachloride	8.230	117	9308	5.239	ug/l #	17
43) Isopropyl Acetate	8.712	43	2528	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	848	0.569	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	35521	28.212	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	35521	55.485	ug/l #	6

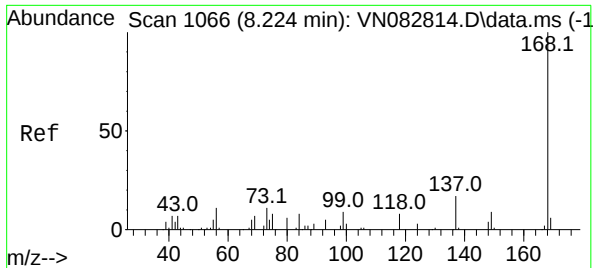
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
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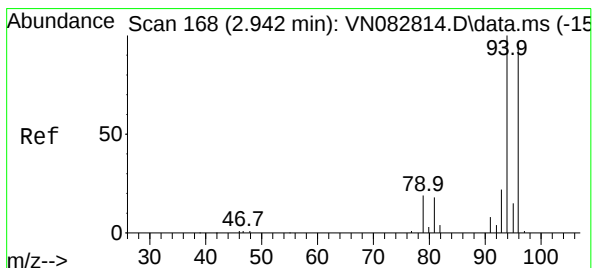
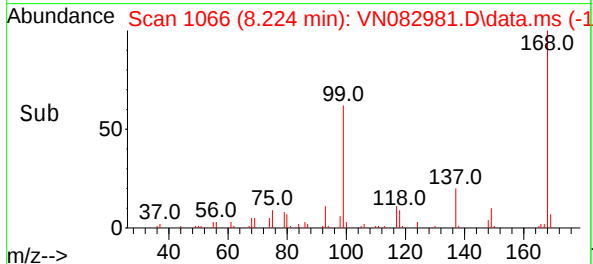
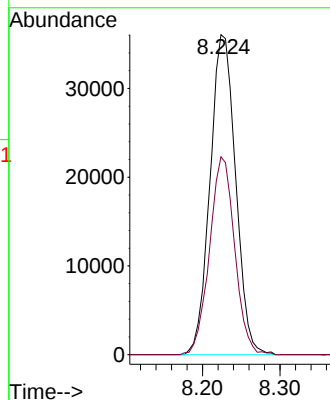
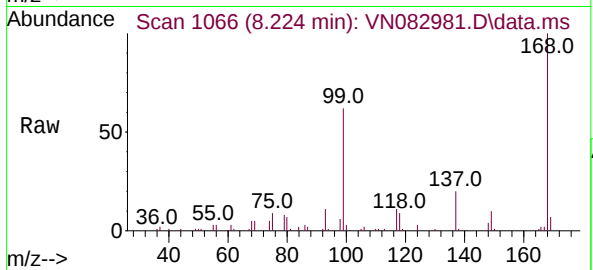




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN082981.D
Acq: 19 Jul 2024 11:50

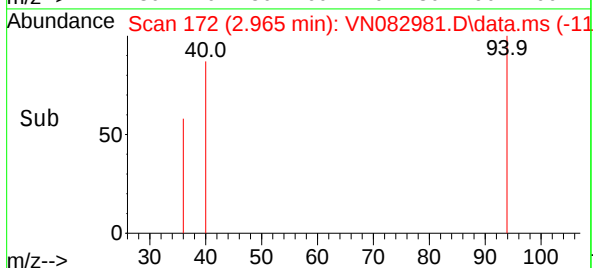
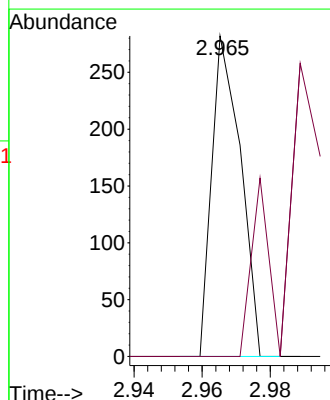
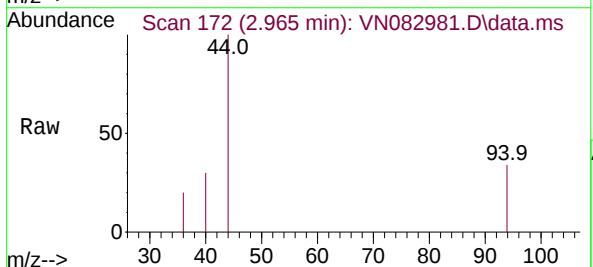
Instrument :
MSVOA_N
ClientSampleId :

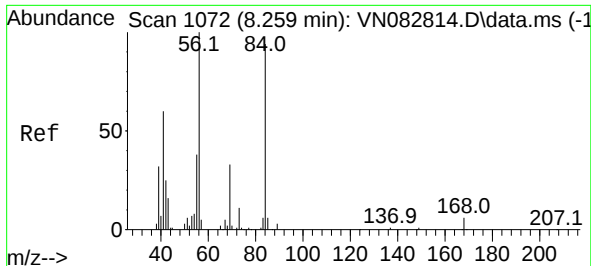
Tgt Ion:168 Resp: 82591
Ion Ratio Lower Upper
168 100
99 61.9 48.2 72.4



#5
Bromomethane
Concen: 0.215 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.018 min
Lab File: VN082981.D
Acq: 19 Jul 2024 11:50

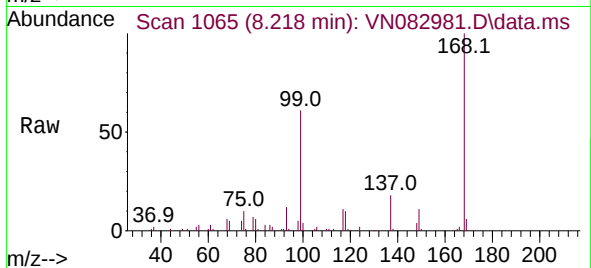
Tgt Ion: 94 Resp: 165
Ion Ratio Lower Upper
94 100
96 0.0 78.0 117.0#



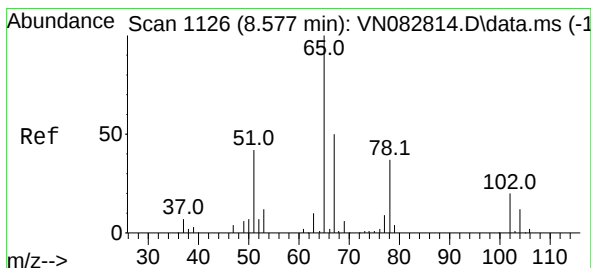
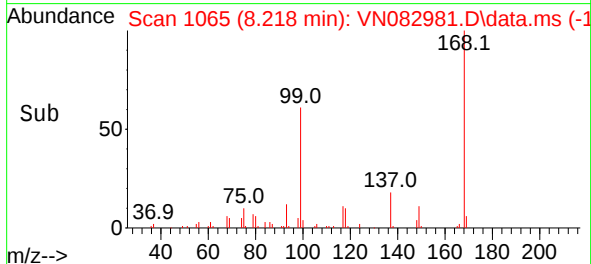
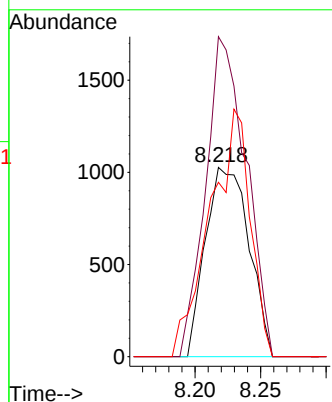


#31
Cyclohexane
Concen: 1.567 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN082981.D
Acq: 19 Jul 2024 11:50

Instrument :
MSVOA_N
ClientSampleId :

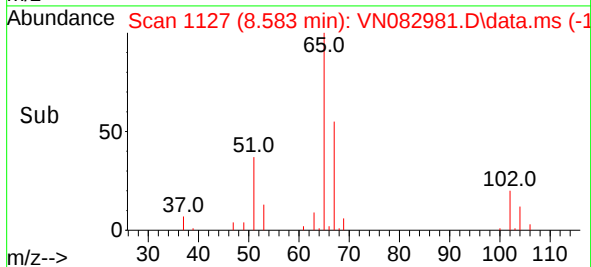
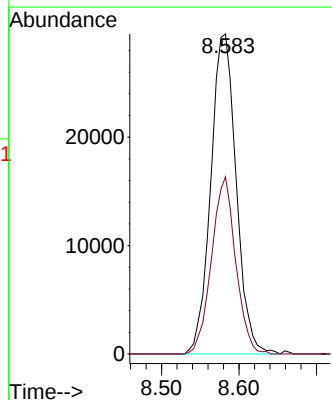
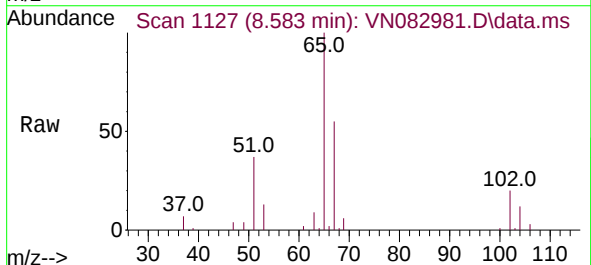


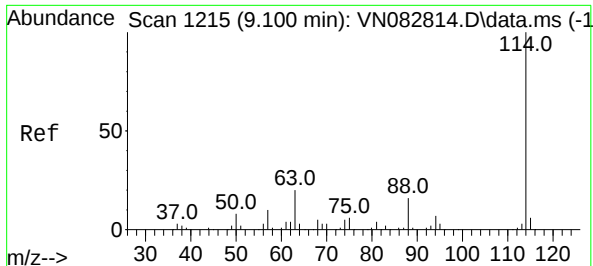
Tgt Ion: 56 Resp: 2372
Ion Ratio Lower Upper
56 100
69 169.0 24.5 36.7#
84 92.1 66.0 99.0



#33
1,2-Dichloroethane-d4
Concen: 58.120 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN082981.D
Acq: 19 Jul 2024 11:50

Tgt Ion: 65 Resp: 67289
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.4

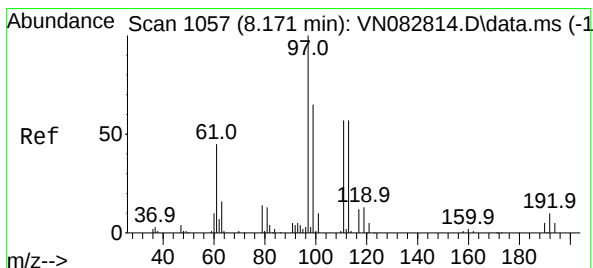
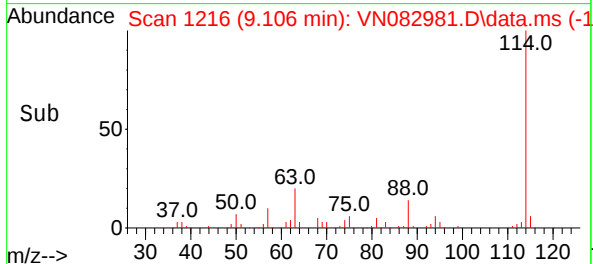
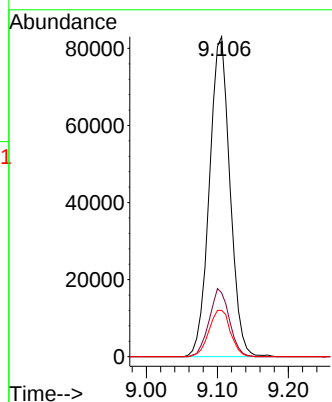
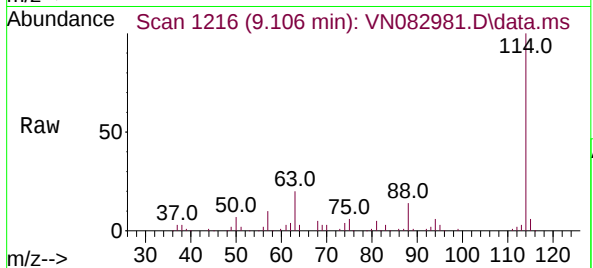




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082981.D
Acq: 19 Jul 2024 11:50

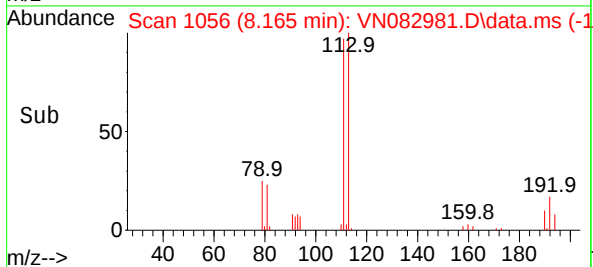
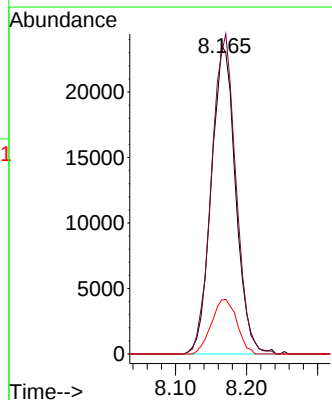
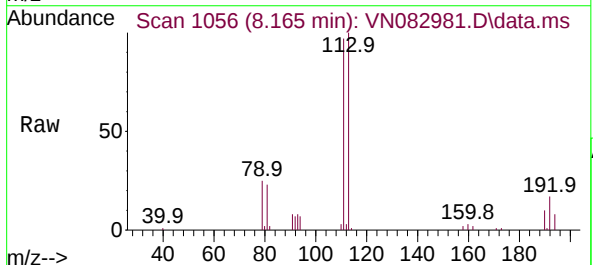
Instrument :
MSVOA_N
ClientSampleId :

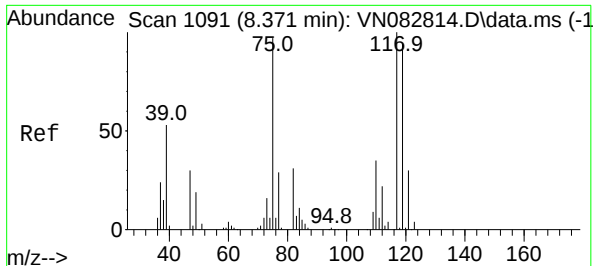
Tgt Ion:114 Resp: 166798
Ion Ratio Lower Upper
114 100
63 19.9 0.0 44.6
88 14.5 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.243 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082981.D
Acq: 19 Jul 2024 11:50

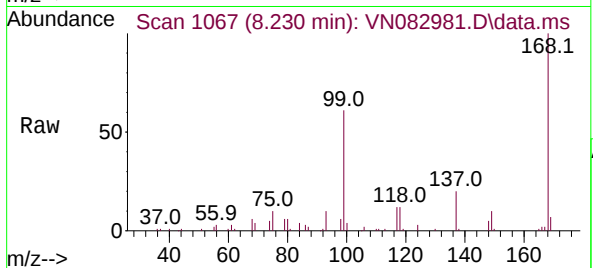
Tgt Ion:113 Resp: 55916
Ion Ratio Lower Upper
113 100
111 104.2 82.4 123.6
192 18.4 14.9 22.3



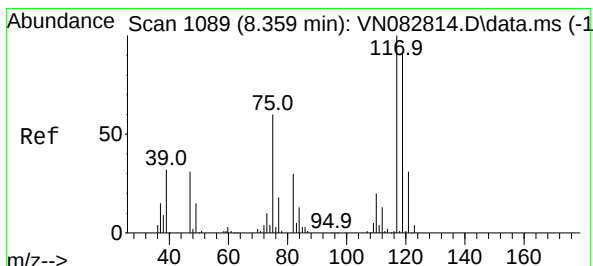
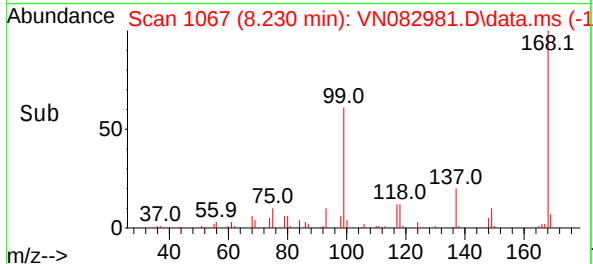
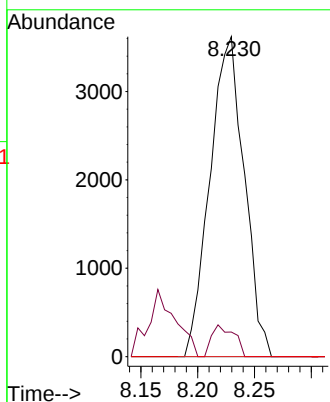


#36
1,1-Dichloropropene
Concen: 5.150 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082981.D
Acq: 19 Jul 2024 11:50

Instrument :
MSVOA_N
ClientSampleId :

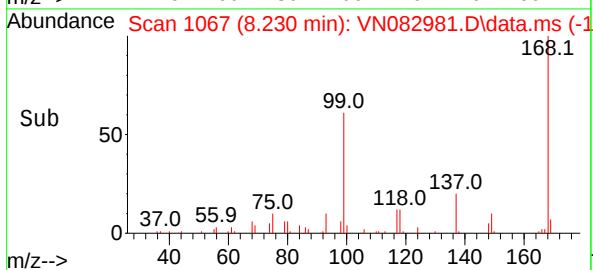
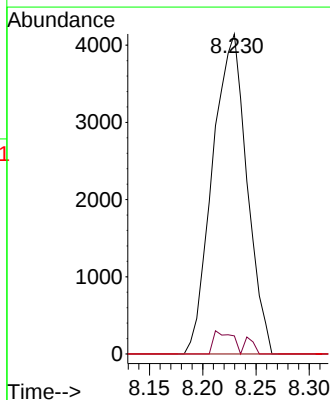
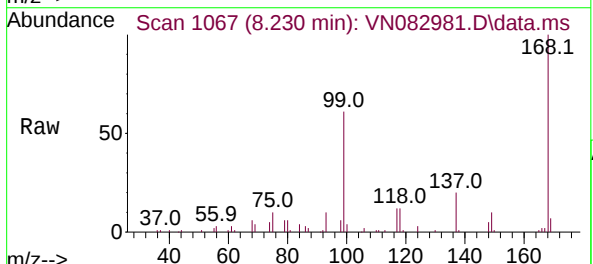


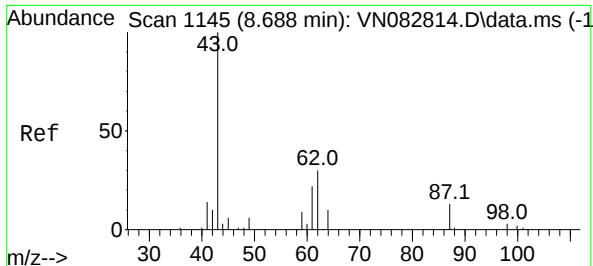
Tgt Ion: 75 Resp: 7599
Ion Ratio Lower Upper
75 100
110 6.5 16.3 48.9#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.239 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN082981.D
Acq: 19 Jul 2024 11:50

Tgt Ion: 117 Resp: 9308
Ion Ratio Lower Upper
117 100
119 5.7 74.9 112.3#
121 0.0 24.3 36.5#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.712 min Scan# 1149

Delta R.T. 0.018 min

Lab File: VN082981.D

Acq: 19 Jul 2024 11:50

Instrument :

MSVOA_N

ClientSampleId :

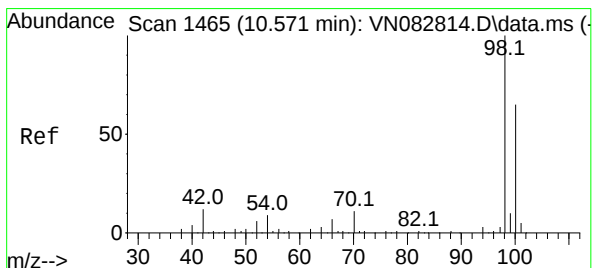
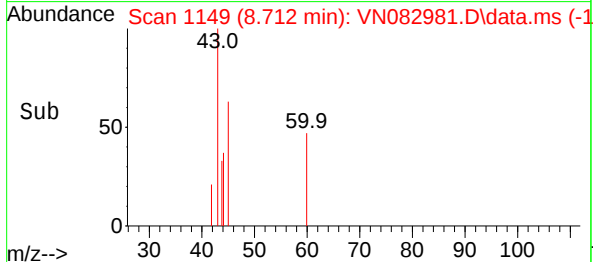
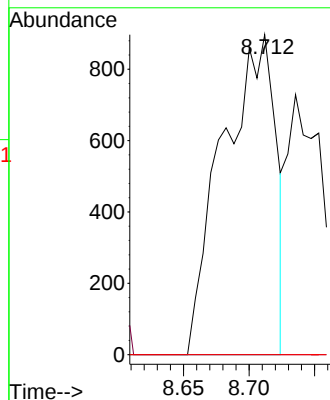
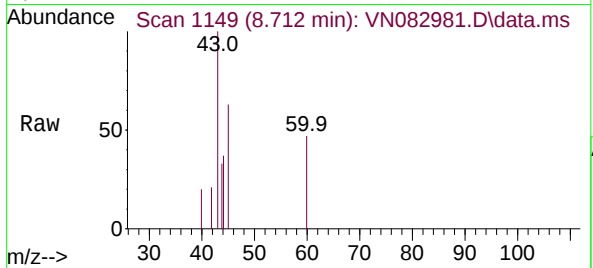
Tgt Ion: 43 Resp: 2528

Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#



#50

Toluene-d8

Concen: 50.521 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN082981.D

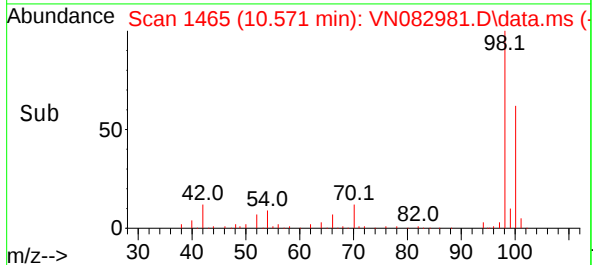
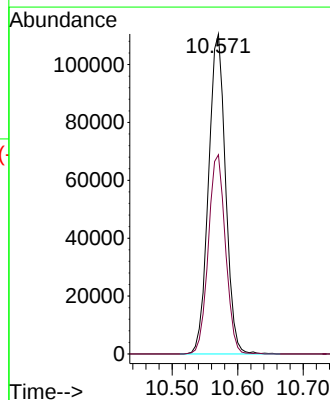
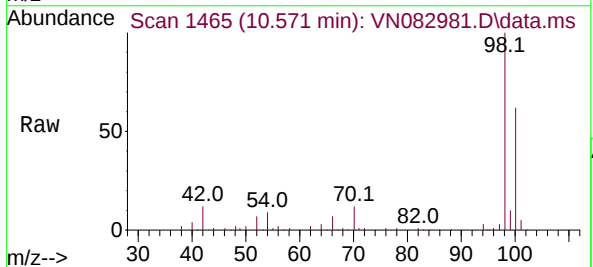
Acq: 19 Jul 2024 11:50

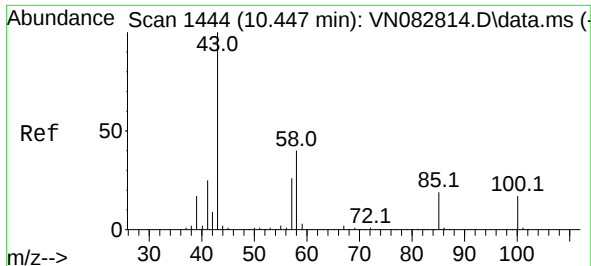
Tgt Ion: 98 Resp: 199716

Ion Ratio Lower Upper

98 100

100 62.6 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 0.569 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.118 min

Lab File: VN082981.D

Acq: 19 Jul 2024 11:50

Instrument :

MSVOA_N

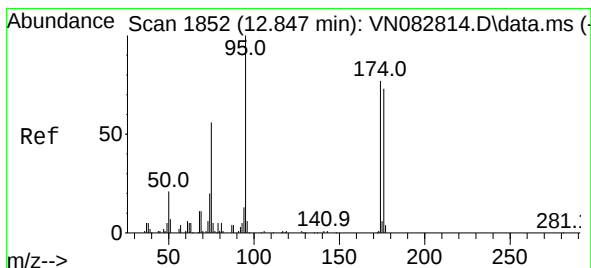
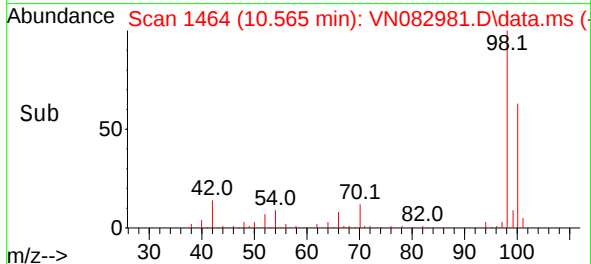
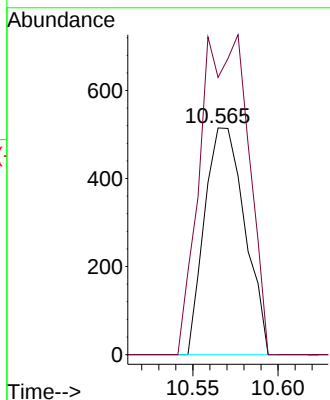
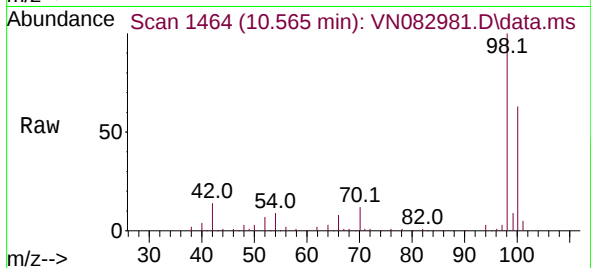
ClientSampleId :

Tgt Ion: 43 Resp: 848

Ion Ratio Lower Upper

43 100

58 168.0 28.2 42.4#



#62

4-Bromofluorobenzene

Concen: 44.055 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082981.D

Acq: 19 Jul 2024 11:50

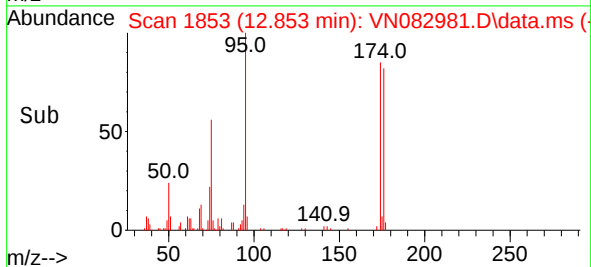
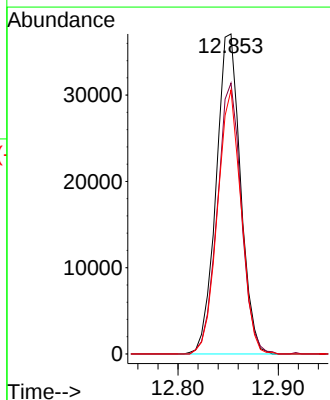
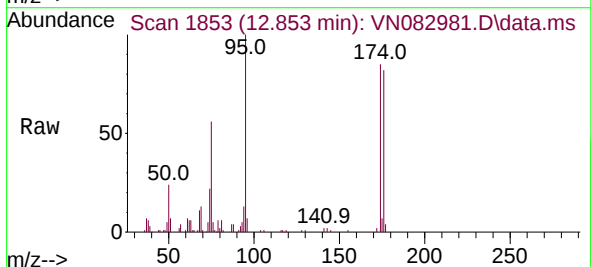
Tgt Ion: 95 Resp: 62558

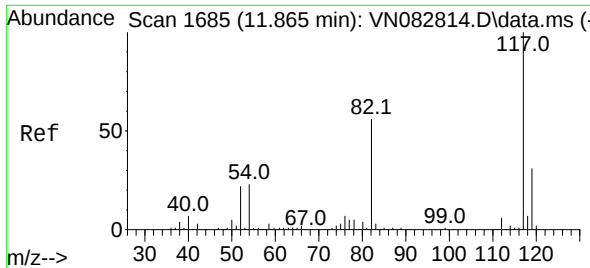
Ion Ratio Lower Upper

95 100

174 83.4 0.0 159.2

176 79.9 0.0 147.6

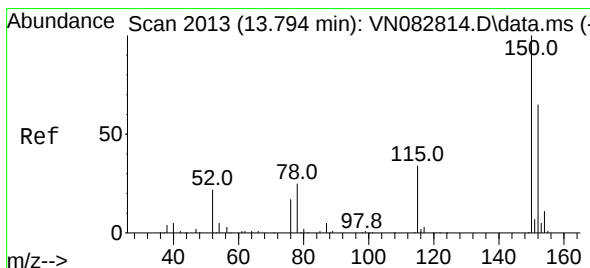
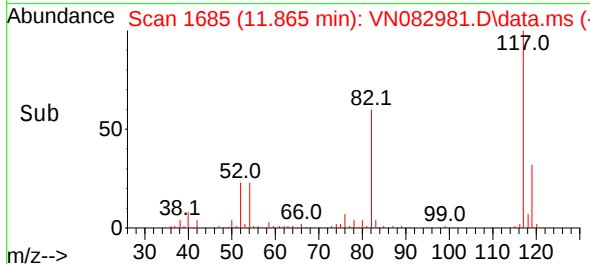
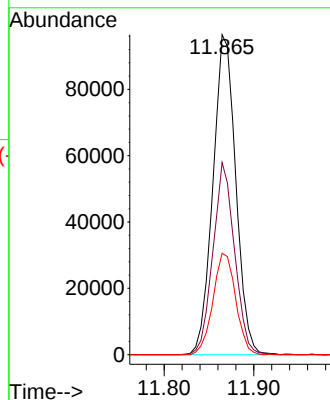
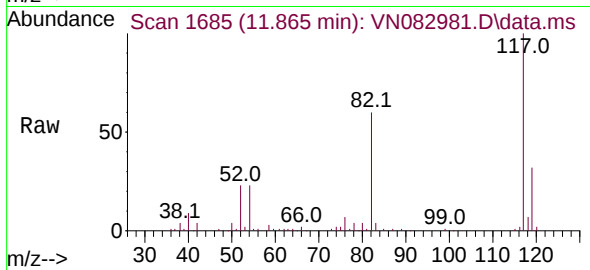




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN082981.D
Acq: 19 Jul 2024 11:50

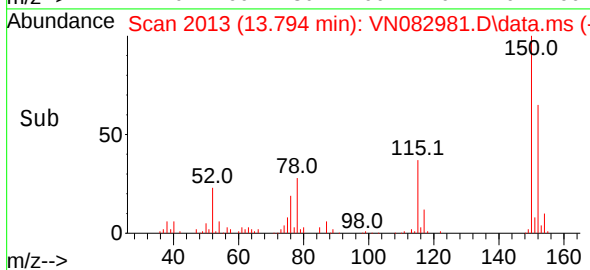
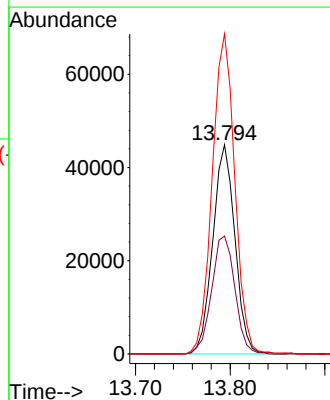
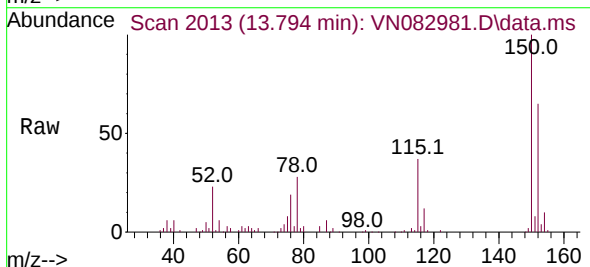
Instrument :
MSVOA_N
ClientSampleId :

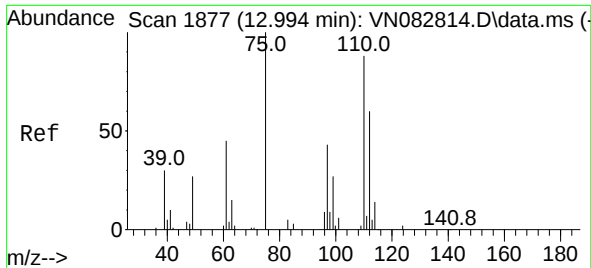
Tgt Ion:117 Resp: 170505
Ion Ratio Lower Upper
117 100
82 60.0 47.5 71.3
119 31.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082981.D
Acq: 19 Jul 2024 11:50

Tgt Ion:152 Resp: 73030
Ion Ratio Lower Upper
152 100
115 59.1 30.6 91.6
150 155.6 0.0 348.6

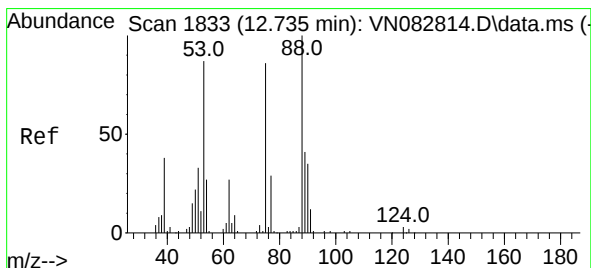
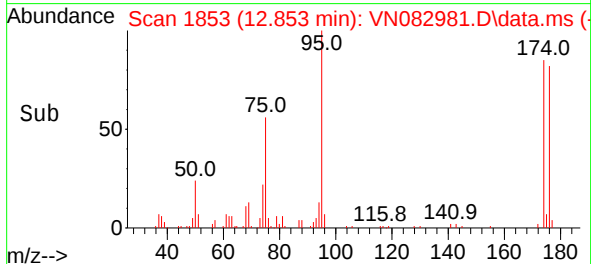
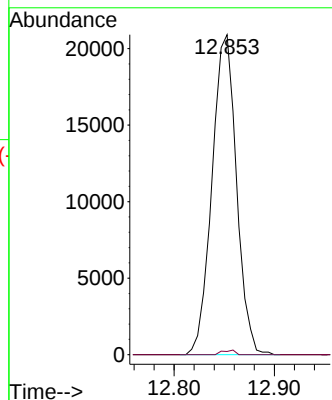
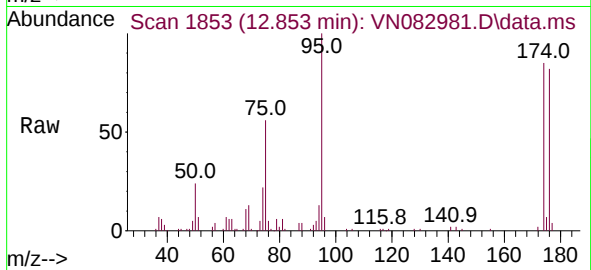




#76
1,2,3-Trichloropropane
Concen: 28.212 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082981.D
Acq: 19 Jul 2024 11:50

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 35521
Ion Ratio Lower Upper
75 100
77 0.7 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.485 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN082981.D
Acq: 19 Jul 2024 11:50

Tgt Ion: 75 Resp: 35521
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

