

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101024\
 Data File : VN084382.D
 Acq On : 10 Oct 2024 12:15
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 11 02:44:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

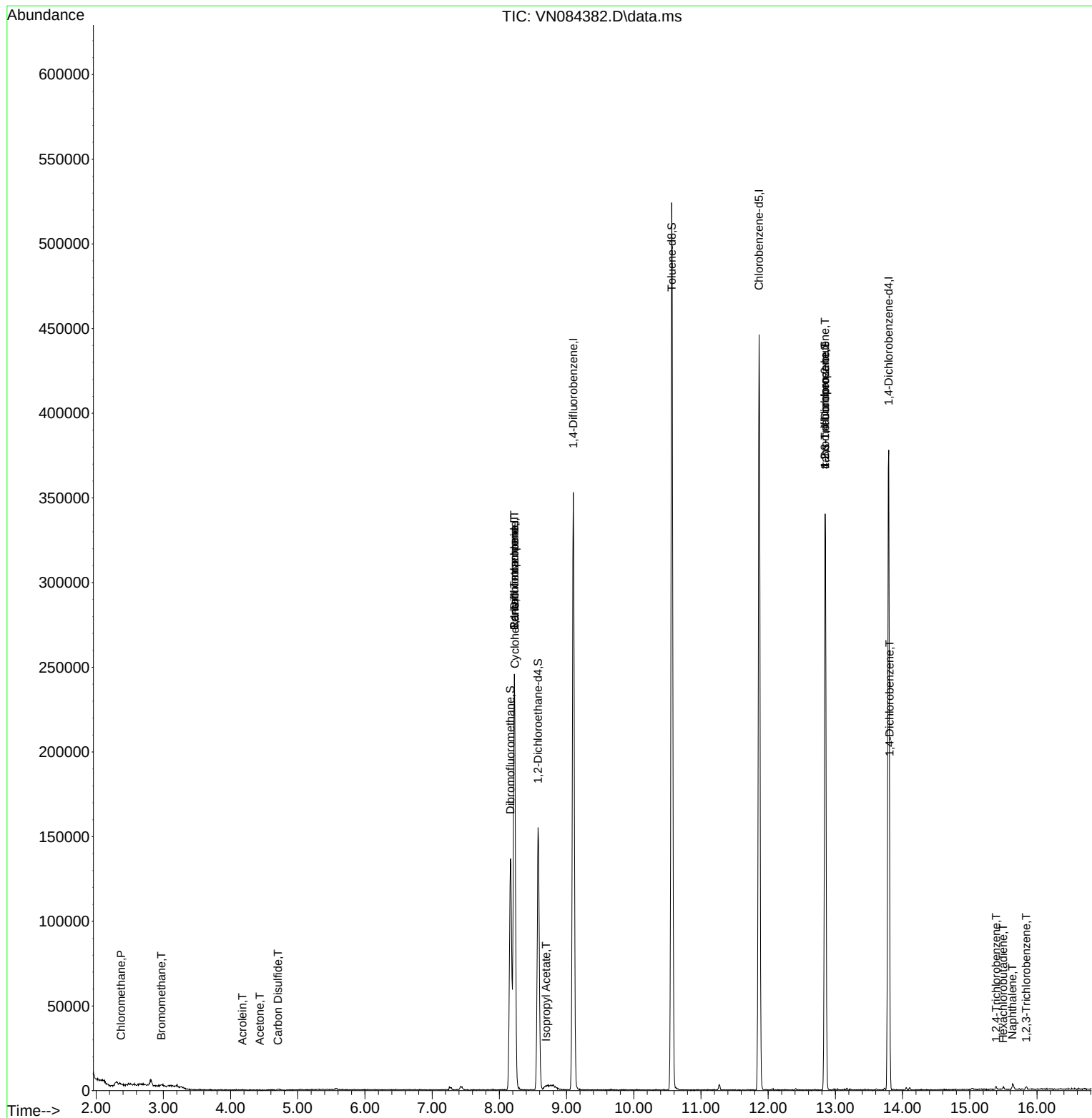
Internal Standards						
1) Pentafluorobenzene	8.224	168	170541	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	298668	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	252040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100764	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122792	48.561	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.120%		
35) Dibromofluoromethane	8.165	113	99770	50.670	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.340%		
50) Toluene-d8	10.565	98	358048	49.426	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.860%		
62) 4-Bromofluorobenzene	12.847	95	118331	44.837	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	89.680%		
Target Compounds						Qvalue
3) Chloromethane	2.371	50	465	0.202	ug/l #	41
5) Bromomethane	2.971	94	409	0.278	ug/l #	81
13) Acrolein	4.177	56	214	0.447	ug/l #	14
16) Acetone	4.436	43	234	0.215	ug/l #	44
17) Carbon Disulfide	4.706	76	1243	0.204	ug/l #	75
31) Cyclohexane	8.230	56	3997	1.067	ug/l #	28
36) 1,1-Dichloropropene	8.224	75	14759	5.160	ug/l #	49
38) Carbon Tetrachloride	8.224	117	18630	5.938	ug/l #	16
43) Isopropyl Acetate	8.694	43	2195	0.382	ug/l #	56
76) 1,2,3-Trichloropropane	12.847	75	63464	30.851	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	63464	73.963	ug/l #	11
88) 1,4-Dichlorobenzene	13.806	146	732	0.208	ug/l #	31
93) 1,2,4-Trichlorobenzene	15.394	180	837	0.498	ug/l	92
94) Hexachlorobutadiene	15.494	225	379	0.452	ug/l #	60
95) Naphthalene	15.635	128	3824	0.686	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.841	180	874	0.520	ug/l #	89

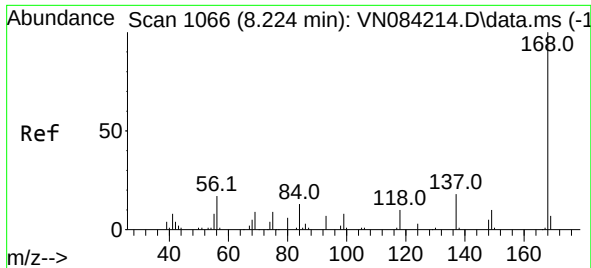
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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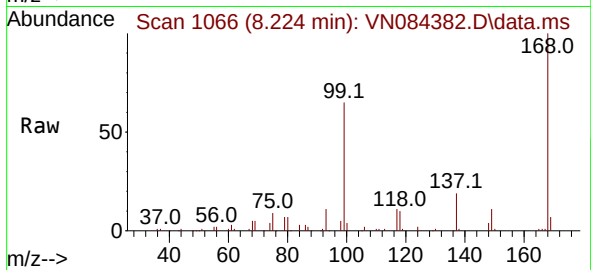
Quant Time: Oct 11 02:44:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration



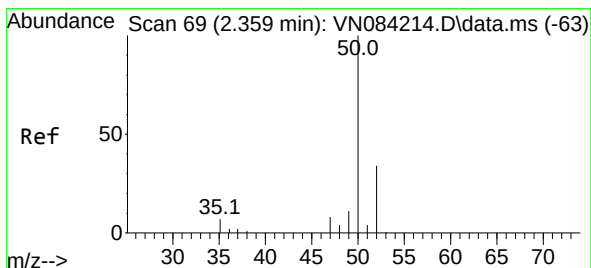
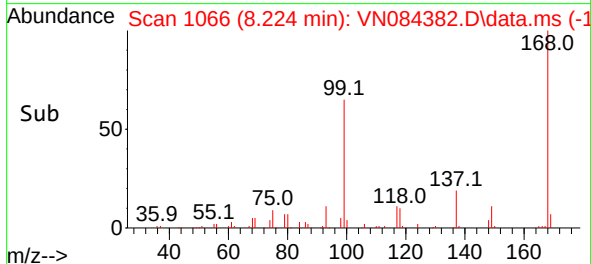
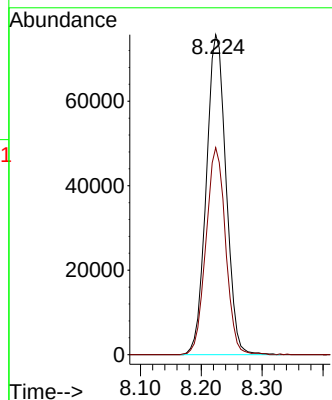


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084382.D
Acq: 10 Oct 2024 12:15

Instrument :
MSVOA_N
ClientSampleId :

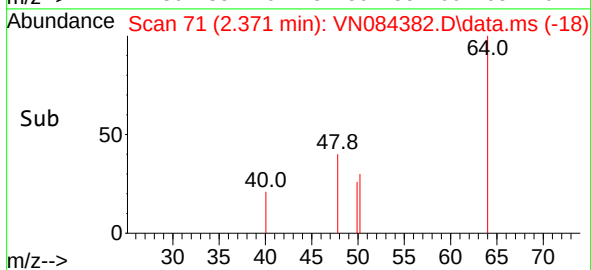
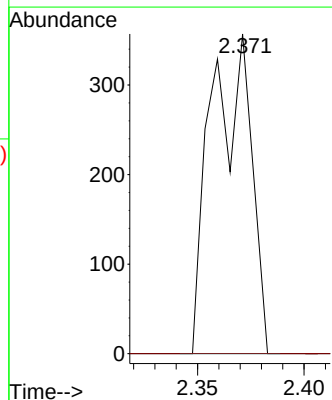
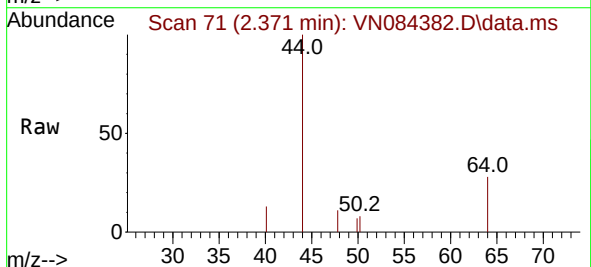


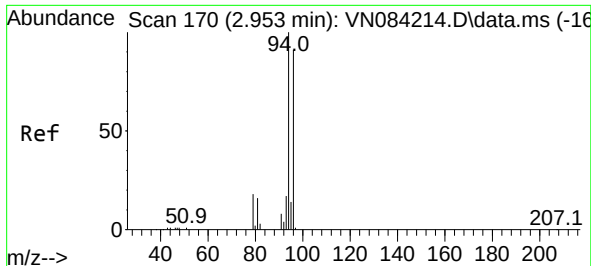
Tgt Ion:168 Resp: 170541
Ion Ratio Lower Upper
168 100
99 64.7 54.2 81.2



#3
Chloromethane
Concen: 0.202 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN084382.D
Acq: 10 Oct 2024 12:15

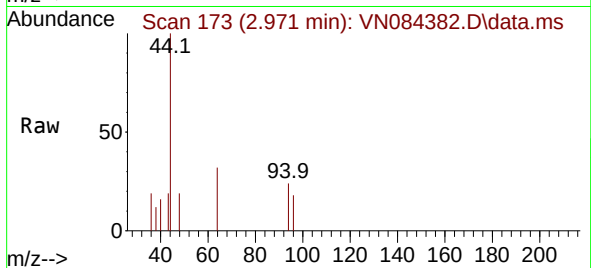
Tgt Ion: 50 Resp: 465
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#



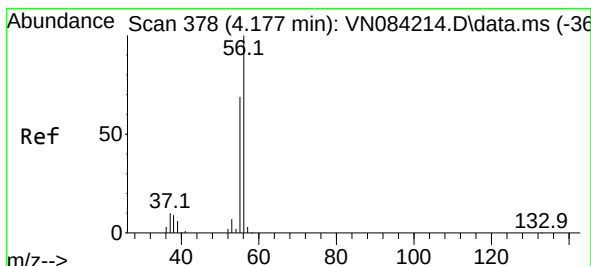
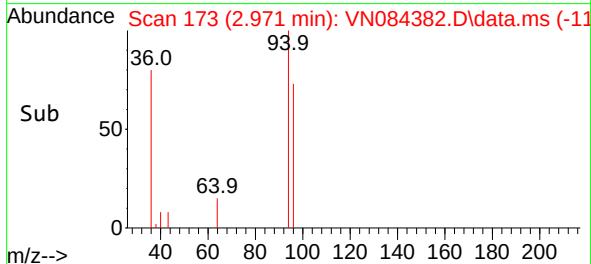
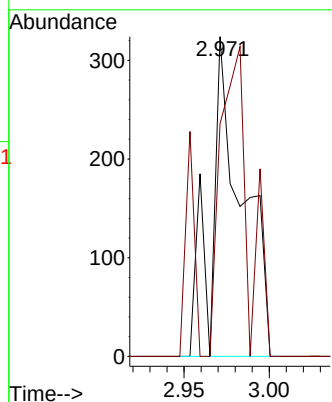


#5
Bromomethane
Concen: 0.278 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN084382.D
Acq: 10 Oct 2024 12:15

Instrument :
MSVOA_N
ClientSampleId :

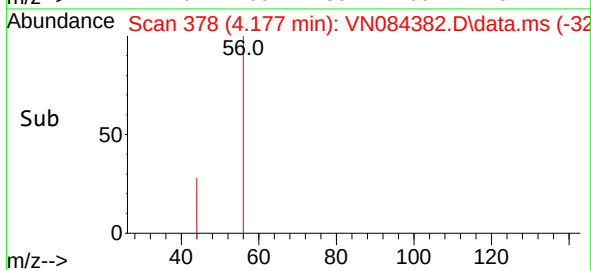
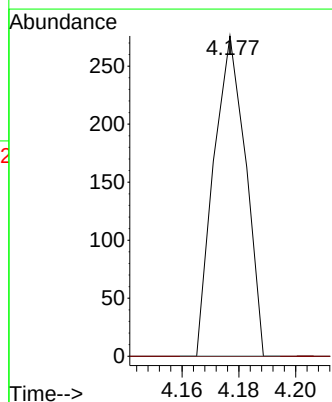
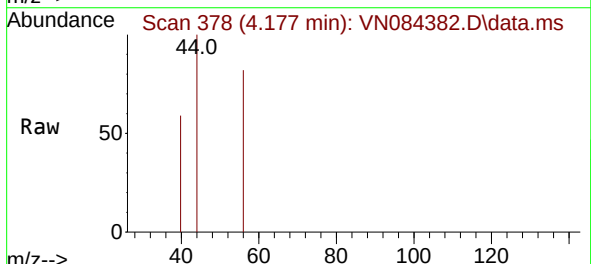


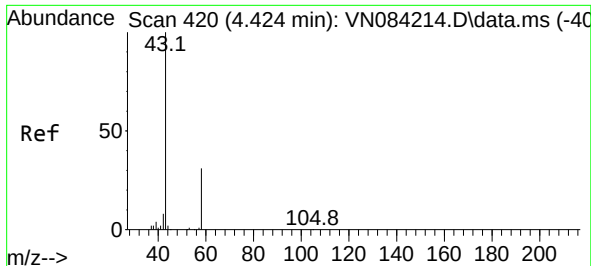
Tgt Ion: 94 Resp: 409
Ion Ratio Lower Upper
94 100
96 72.8 72.9 109.3#



#13
Acrolein
Concen: 0.447 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN084382.D
Acq: 10 Oct 2024 12:15

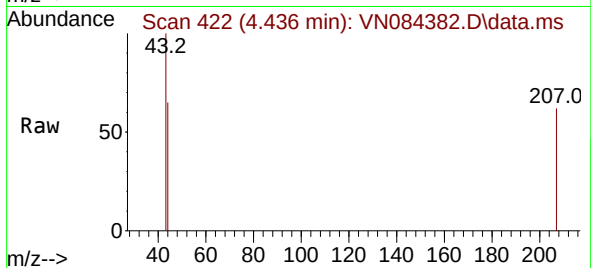
Tgt Ion: 56 Resp: 214
Ion Ratio Lower Upper
56 100
55 0.0 57.2 85.8#



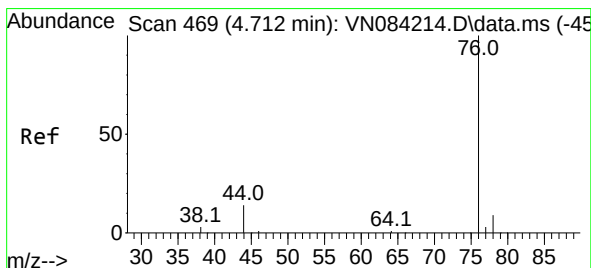
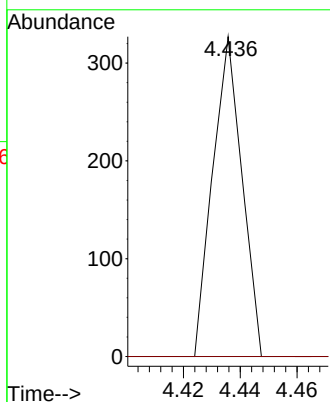
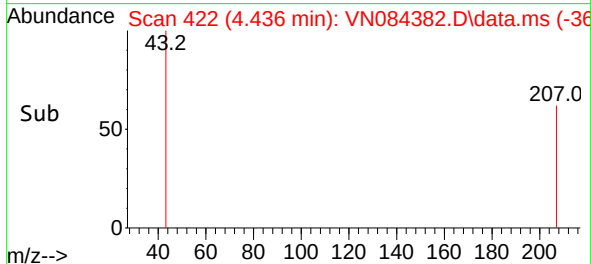


#16
Acetone
Concen: 0.215 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN084382.D
Acq: 10 Oct 2024 12:15

Instrument :
MSVOA_N
ClientSampleId :

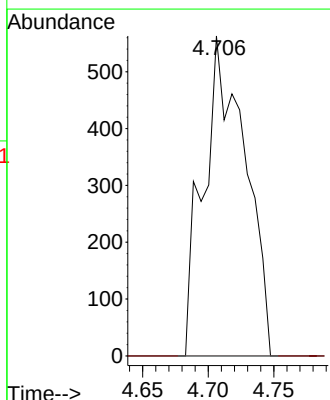
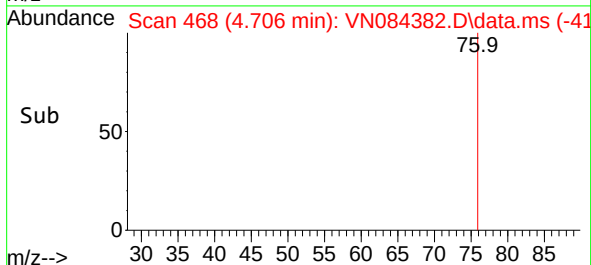
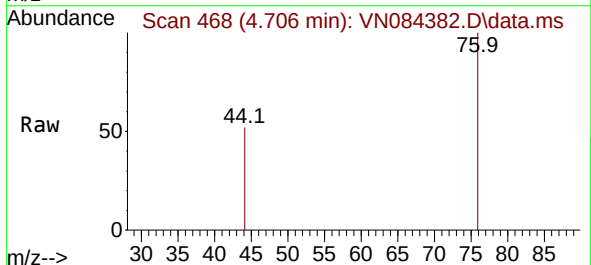


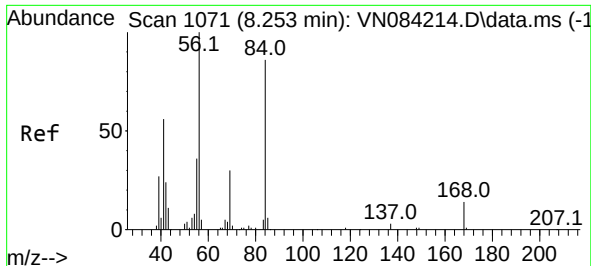
Tgt Ion: 43 Resp: 234
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



#17
Carbon Disulfide
Concen: 0.204 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN084382.D
Acq: 10 Oct 2024 12:15

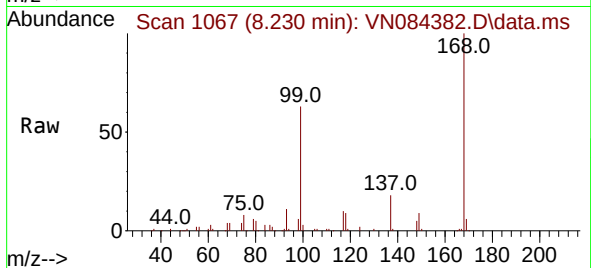
Tgt Ion: 76 Resp: 1243
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



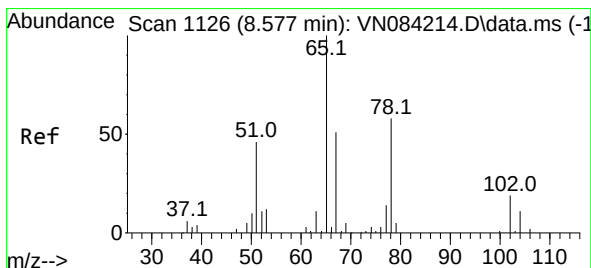
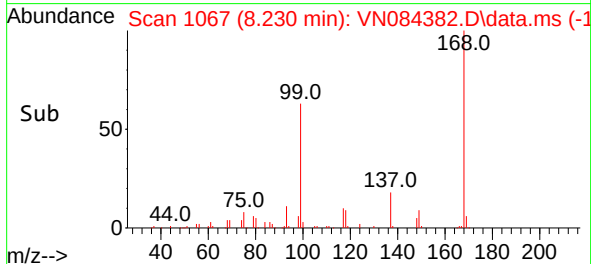
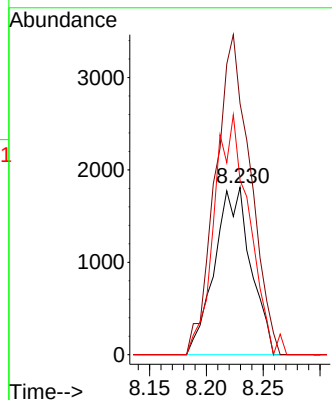


#31
Cyclohexane
Concen: 1.067 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.024 min
Lab File: VN084382.D
Acq: 10 Oct 2024 12:15

Instrument :
MSVOA_N
ClientSampleId :

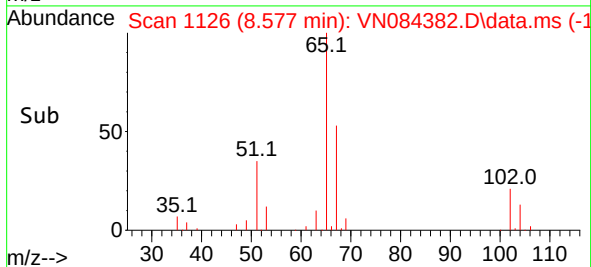
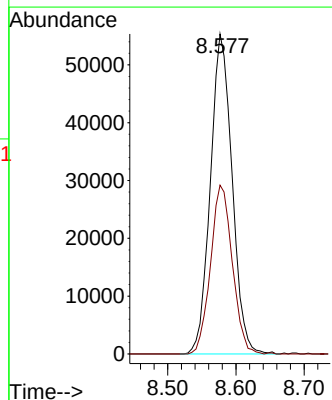
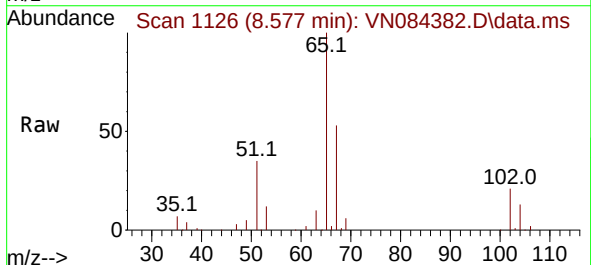


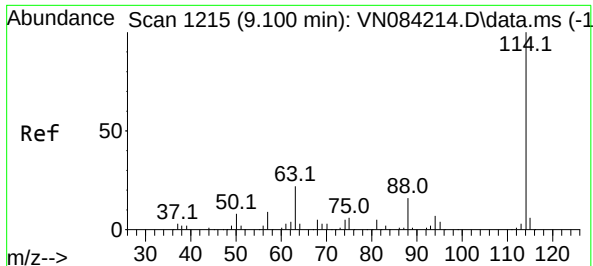
Tgt Ion: 56 Resp: 3997
Ion Ratio Lower Upper
56 100
69 150.2 23.8 35.6#
84 104.3 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 48.561 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084382.D
Acq: 10 Oct 2024 12:15

Tgt Ion: 65 Resp: 122792
Ion Ratio Lower Upper
65 100
67 52.8 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084382.D

Acq: 10 Oct 2024 12:15

Instrument :

MSVOA_N

ClientSampleId :

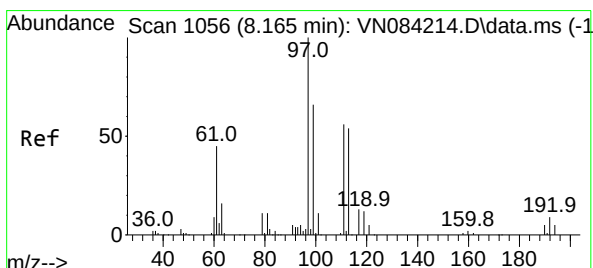
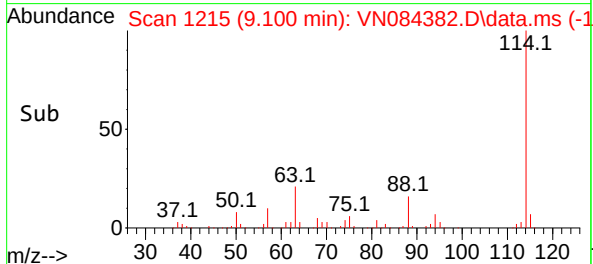
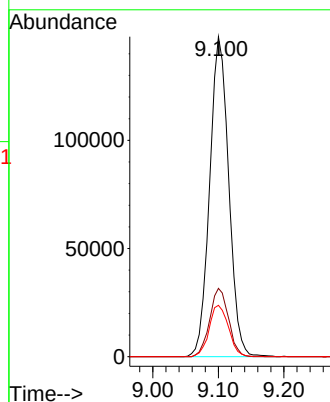
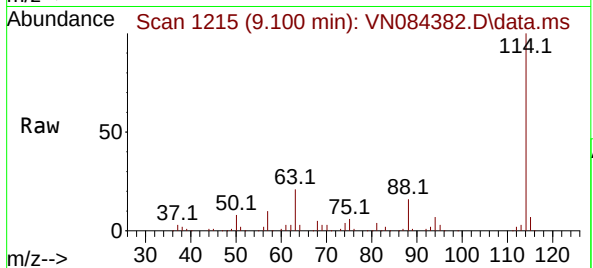
Tgt Ion:114 Resp: 298668

Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.8

88 16.1 0.0 31.6



#35

Dibromofluoromethane

Concen: 50.670 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084382.D

Acq: 10 Oct 2024 12:15

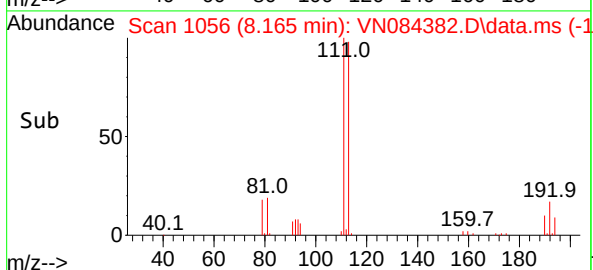
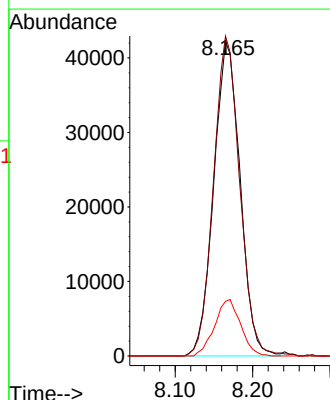
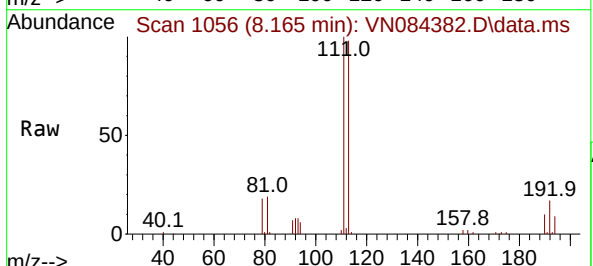
Tgt Ion:113 Resp: 99770

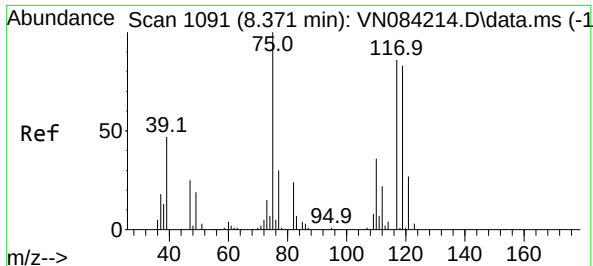
Ion Ratio Lower Upper

113 100

111 101.0 83.3 124.9

192 17.7 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.160 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

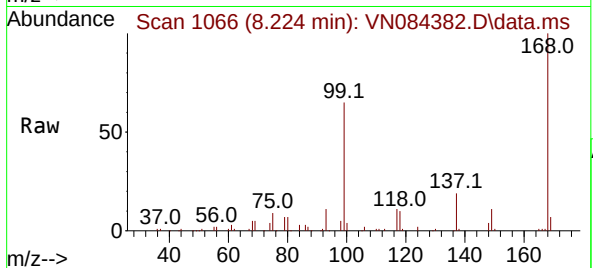
Lab File: VN084382.D

Acq: 10 Oct 2024 12:15

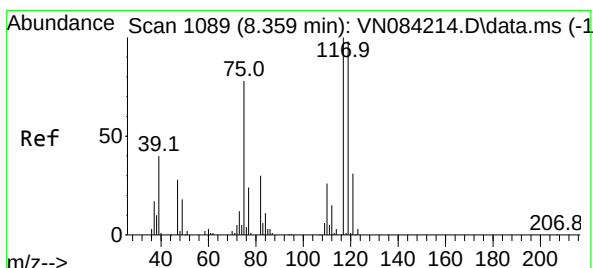
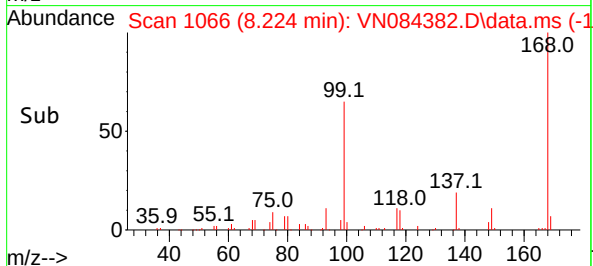
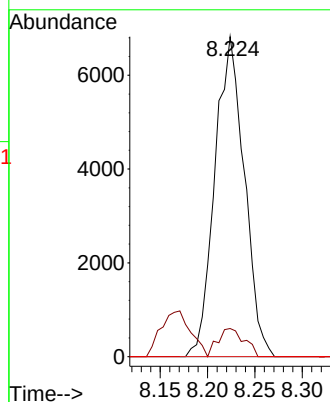
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	14759
Ion Ratio	Lower	Upper	
75	100		
110	7.9	16.9	50.7#
77	0.0	24.7	37.1#



#38

Carbon Tetrachloride

Concen: 5.938 ug/l

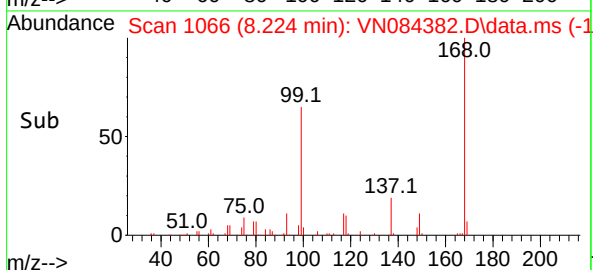
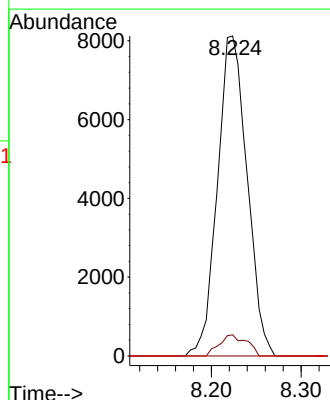
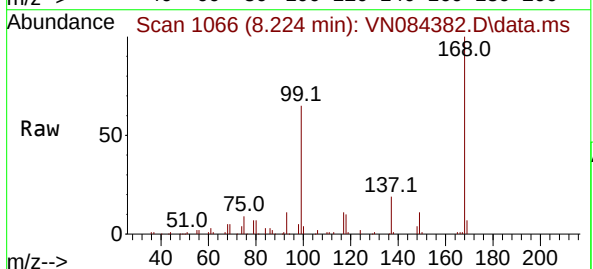
RT: 8.224 min Scan# 1066

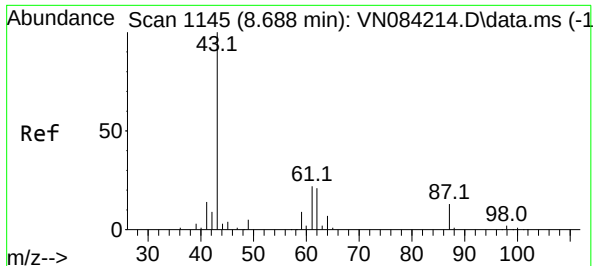
Delta R.T. -0.135 min

Lab File: VN084382.D

Acq: 10 Oct 2024 12:15

Tgt Ion:	117	Resp:	18630
Ion Ratio	Lower	Upper	
117	100		
119	6.6	78.7	118.1#
121	0.0	24.4	36.6#





#43

Isopropyl Acetate

Concen: 0.382 ug/l

RT: 8.694 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VN084382.D

Acq: 10 Oct 2024 12:15

Instrument :

MSVOA_N

ClientSampleId :

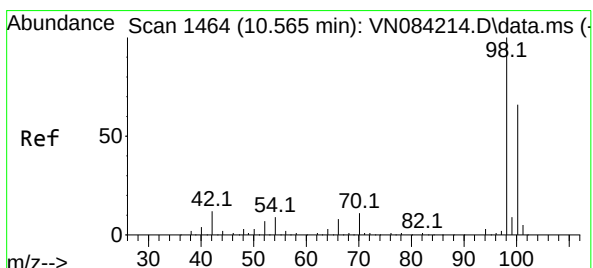
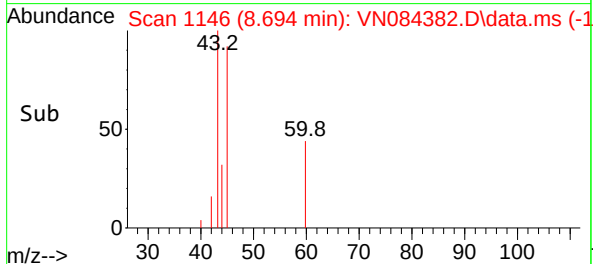
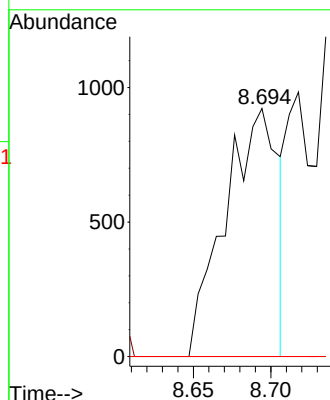
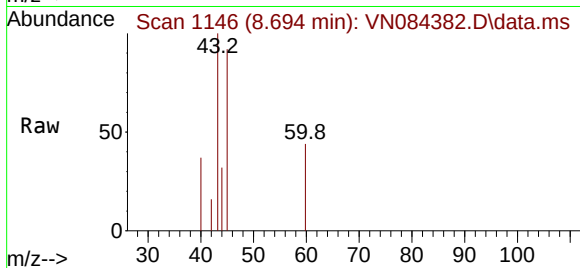
Tgt Ion: 43 Resp: 2195

Ion Ratio Lower Upper

43 100

61 0.0 20.4 30.6#

87 0.0 10.3 15.5#



#50

Toluene-d8

Concen: 49.426 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084382.D

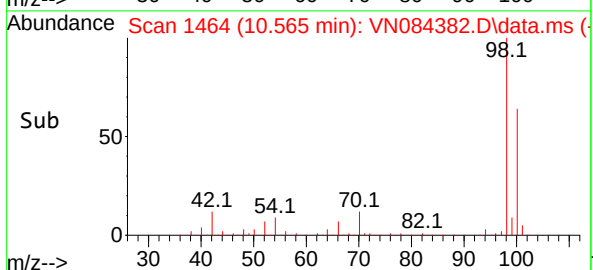
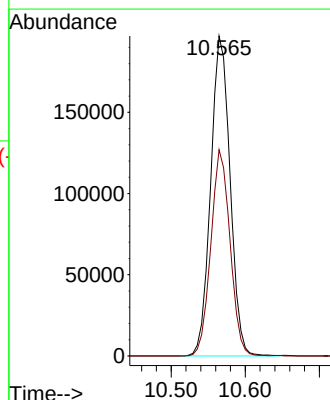
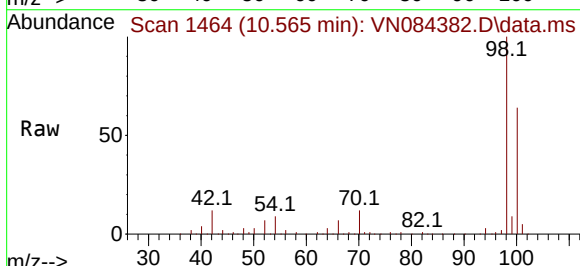
Acq: 10 Oct 2024 12:15

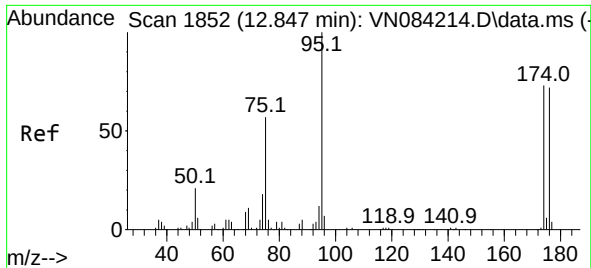
Tgt Ion: 98 Resp: 358048

Ion Ratio Lower Upper

98 100

100 63.9 52.7 79.1

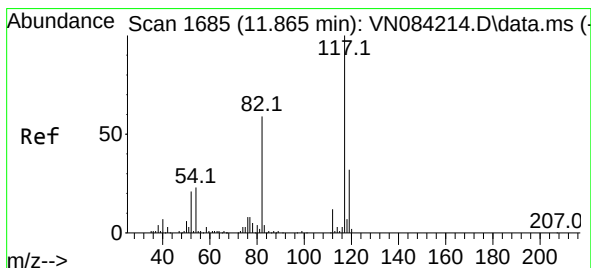
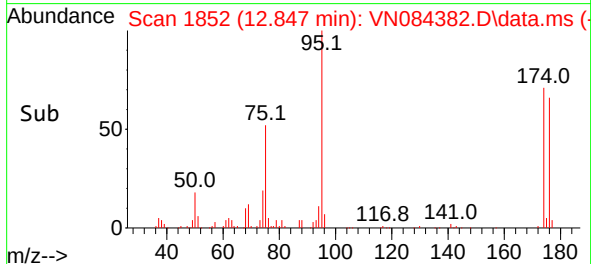
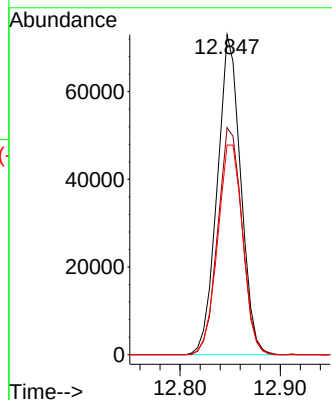
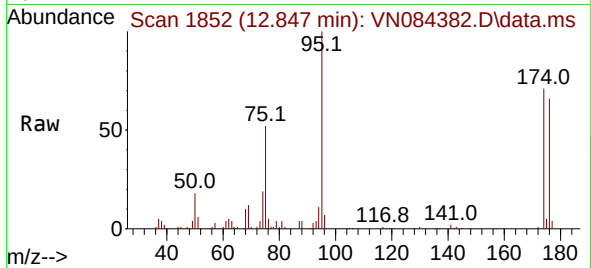




#62
4-Bromofluorobenzene
Concen: 44.837 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084382.D
Acq: 10 Oct 2024 12:15

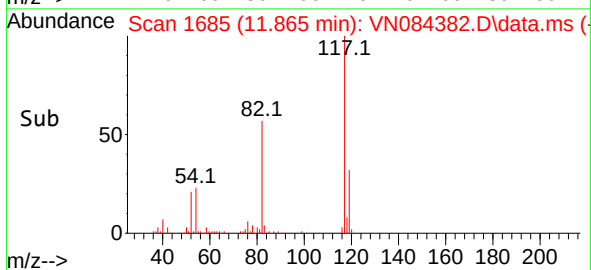
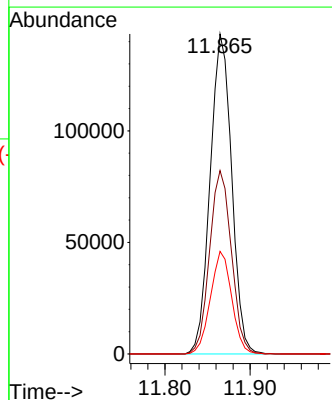
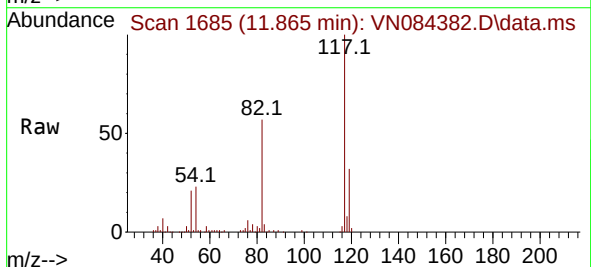
Instrument :
MSVOA_N
ClientSampleId :

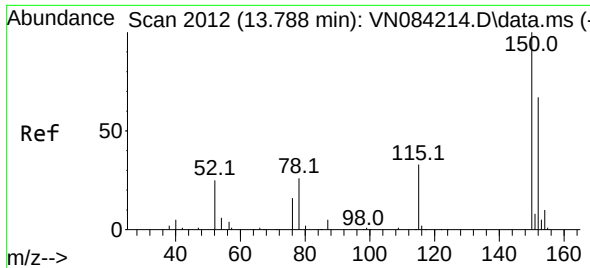
Tgt Ion: 95 Resp: 118331
Ion Ratio Lower Upper
95 100
174 73.9 0.0 145.2
176 70.4 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084382.D
Acq: 10 Oct 2024 12:15

Tgt Ion:117 Resp: 252040
Ion Ratio Lower Upper
117 100
82 57.3 47.2 70.8
119 32.0 25.4 38.0

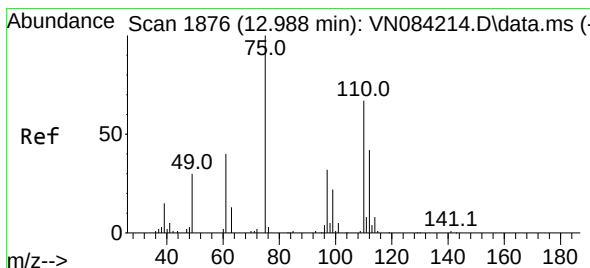
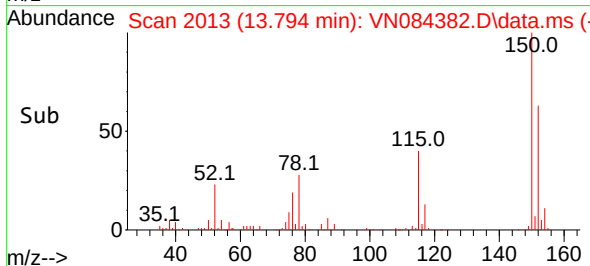
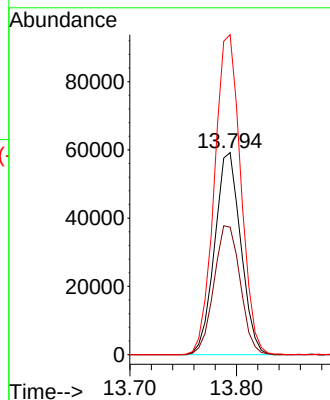
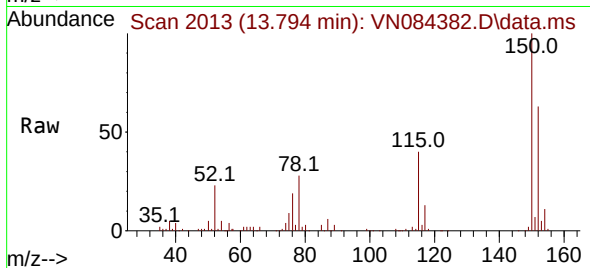




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN084382.D
 Acq: 10 Oct 2024 12:15

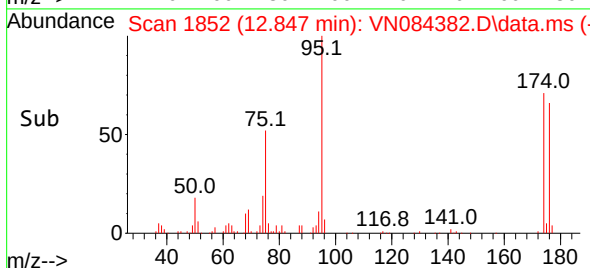
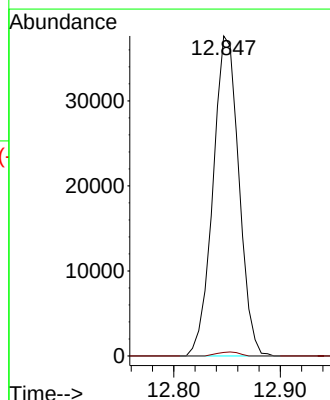
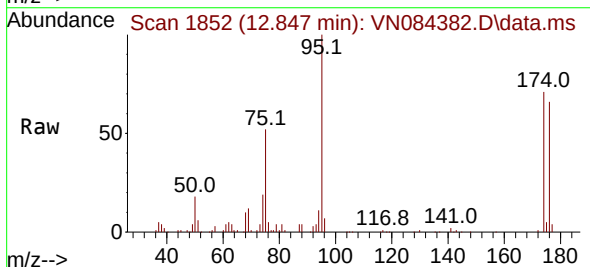
Instrument :
 MSVOA_N
 ClientSampleId :

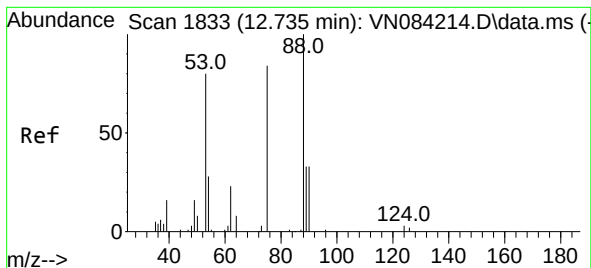
Tgt Ion:152 Resp: 100764
 Ion Ratio Lower Upper
 152 100
 115 64.3 31.3 93.9
 150 159.7 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 30.851 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN084382.D
 Acq: 10 Oct 2024 12:15

Tgt Ion: 75 Resp: 63464
 Ion Ratio Lower Upper
 75 100
 77 1.1 96.9 290.7#

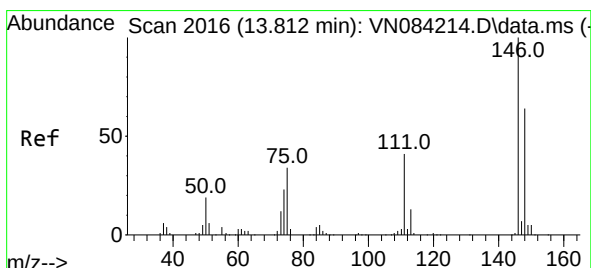
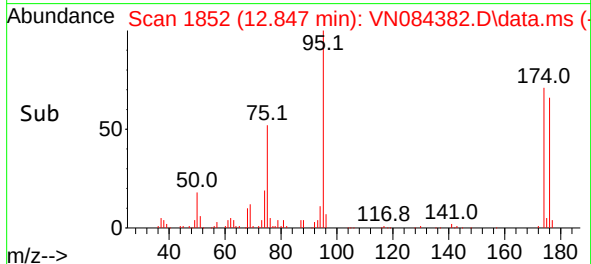
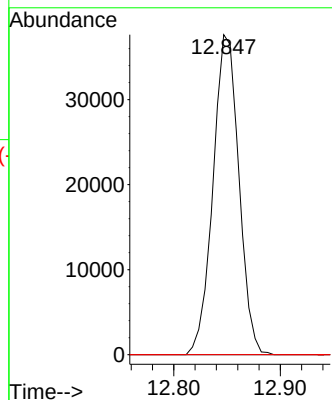
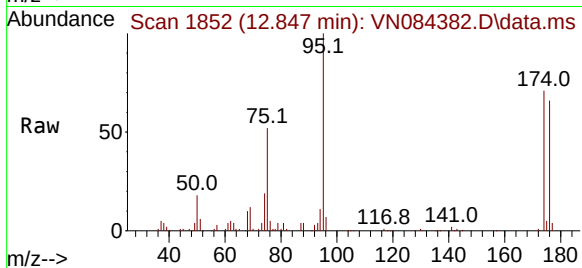




#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.963 ug/l
 RT: 12.847 min Scan# 1833
 Delta R.T. 0.112 min
 Lab File: VN084382.D
 Acq: 10 Oct 2024 12:15

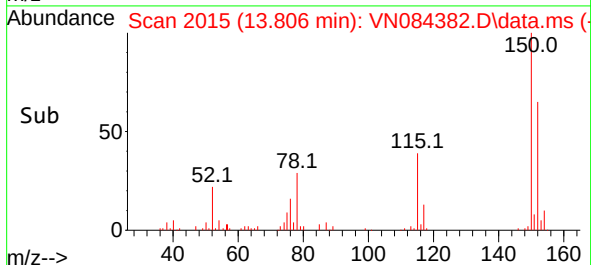
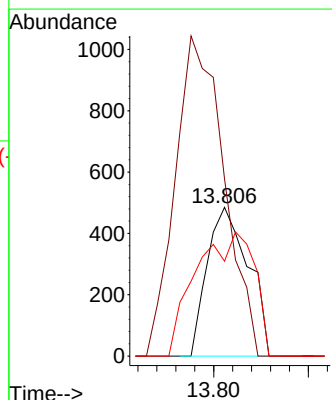
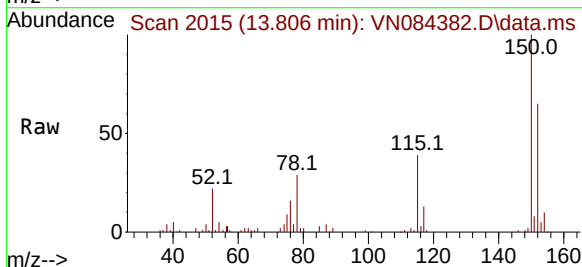
Instrument :
 MSVOA_N
 ClientSampleId :

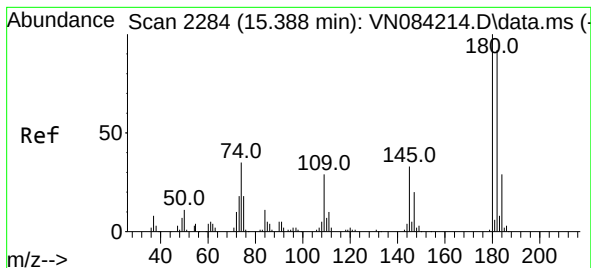
Tgt Ion: 75 Resp: 63464
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 35.5 53.3#



#88
 1,4-Dichlorobenzene
 Concen: 0.208 ug/l
 RT: 13.806 min Scan# 2015
 Delta R.T. -0.006 min
 Lab File: VN084382.D
 Acq: 10 Oct 2024 12:15

Tgt Ion: 146 Resp: 732
 Ion Ratio Lower Upper
 146 100
 111 0.0 21.2 63.6#
 148 118.4 31.9 95.9#





#93

1,2,4-Trichlorobenzene

Concen: 0.498 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN084382.D

Acq: 10 Oct 2024 12:15

Instrument :

MSVOA_N

ClientSampleId :

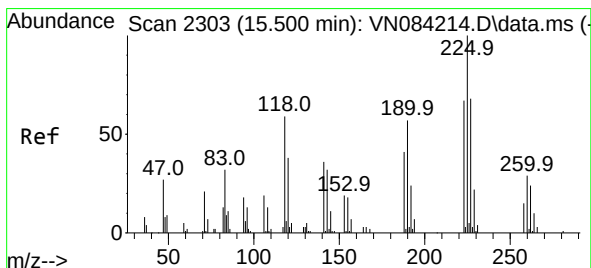
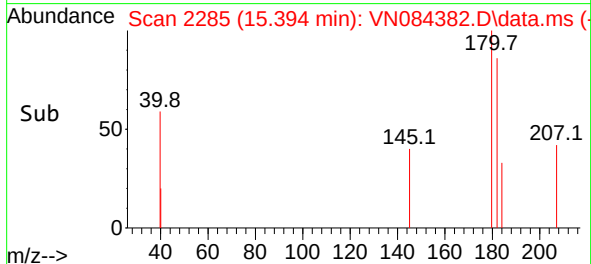
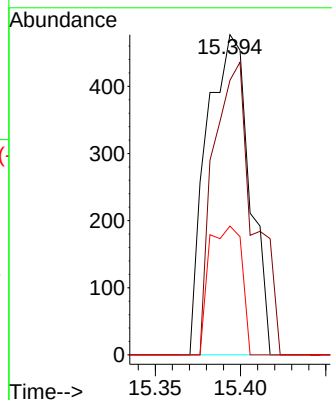
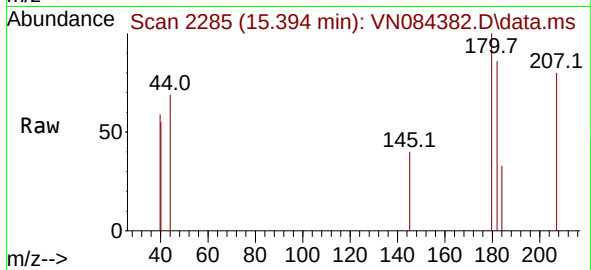
Tgt Ion:180 Resp: 837

Ion Ratio Lower Upper

180 100

182 85.1 47.0 141.0

145 30.3 16.4 49.4



#94

Hexachlorobutadiene

Concen: 0.452 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN084382.D

Acq: 10 Oct 2024 12:15

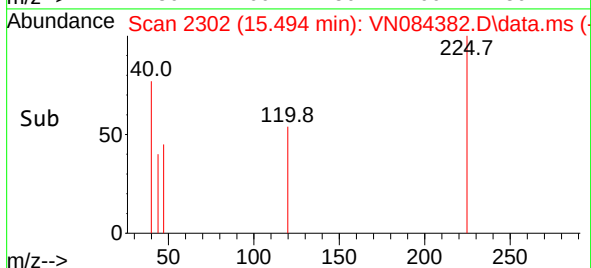
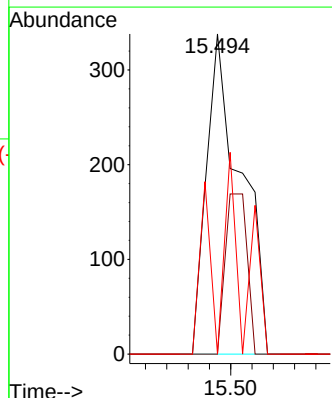
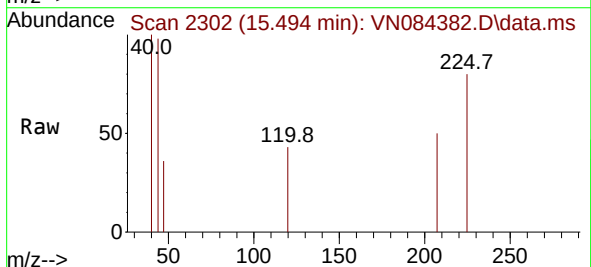
Tgt Ion:225 Resp: 379

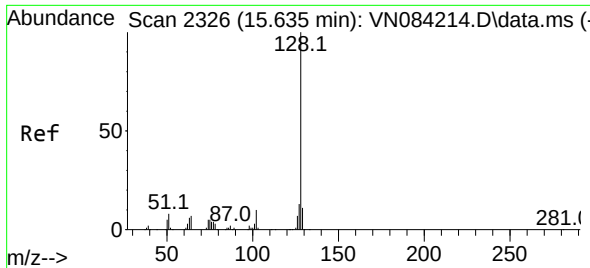
Ion Ratio Lower Upper

225 100

223 31.4 32.4 97.2#

227 34.6 32.4 97.0

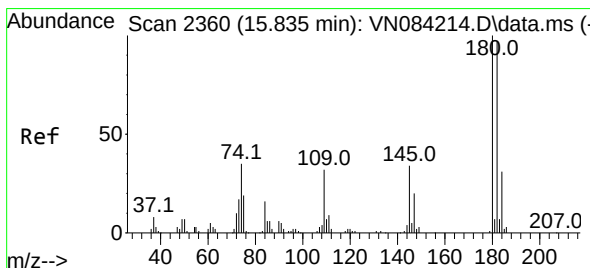
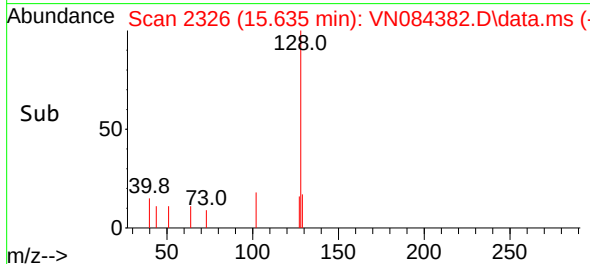
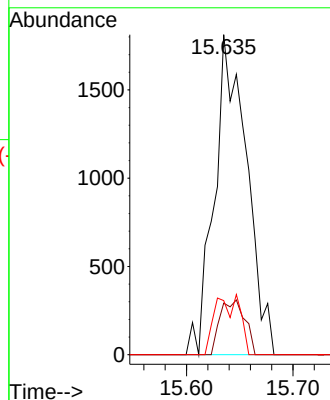
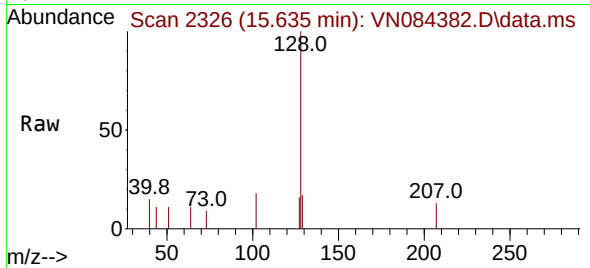




#95
Naphthalene
Concen: 0.686 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN084382.D
Acq: 10 Oct 2024 12:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 3824
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 14.4 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.520 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN084382.D
Acq: 10 Oct 2024 12:15

Tgt Ion:180 Resp: 874
Ion Ratio Lower Upper
180 100
182 92.8 48.2 144.6
145 16.6 17.3 51.9#

