

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093024\
 Data File : VN084222.D
 Acq On : 30 Sep 2024 16:35
 Operator : JC\MD
 Sample : VN0930WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 01 07:15:04 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)

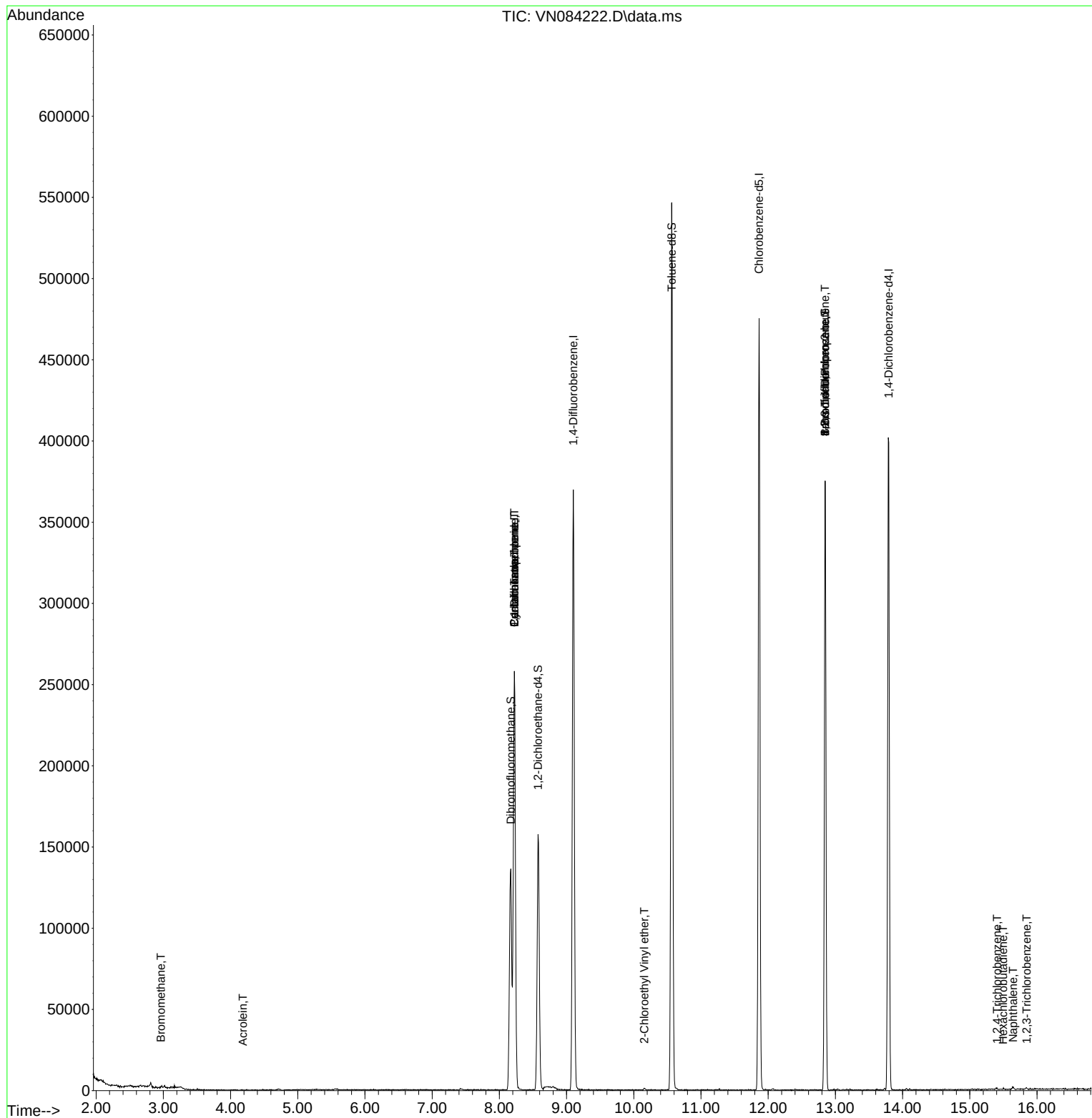
Internal Standards						
1) Pentafluorobenzene	8.224	168	180806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	311157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	264487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108875	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	129308	48.235	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.480%
35) Dibromofluoromethane	8.171	113	100036	48.766	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.540%
50) Toluene-d8	10.565	98	373040	49.428	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.860%
62) 4-Bromofluorobenzene	12.847	95	127575	46.400	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.800%
Target Compounds						
					Qvalue	
5) Bromomethane	2.965	94	458	0.294	ug/l	82
13) Acrolein	4.183	56	168	0.331	ug/l #	14
31) Cyclohexane	8.224	56	4455	1.122	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	16168	5.426	ug/l #	50
38) Carbon Tetrachloride	8.224	117	20618	6.308	ug/l #	17
58) 2-Chloroethyl Vinyl ether	10.159	63	649	0.419	ug/l #	48
71) Bromoform	12.847	173	473	0.318	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	69051	31.066	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	69051	74.479	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.405	180	396	0.218	ug/l	73
94) Hexachlorobutadiene	15.494	225	298	0.329	ug/l #	32
95) Naphthalene	15.647	128	1962	0.326	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.847	180	545	0.300	ug/l #	74

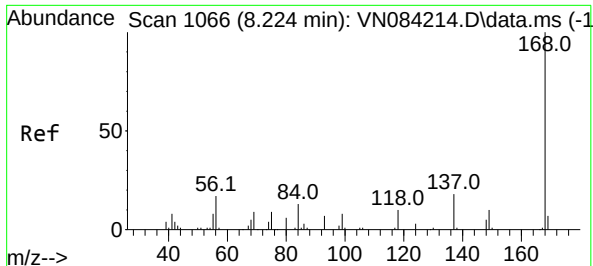
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093024\
Data File : VN084222.D
Acq On : 30 Sep 2024 16:35
Operator : JC\MD
Sample : VN0930WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

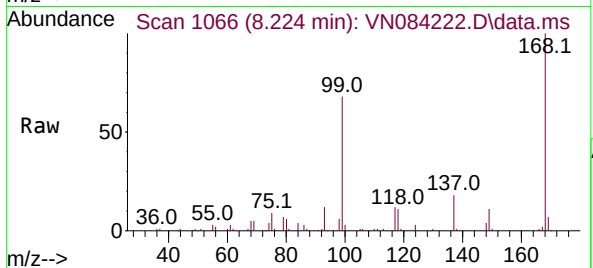
Quant Time: Oct 01 07:15:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration



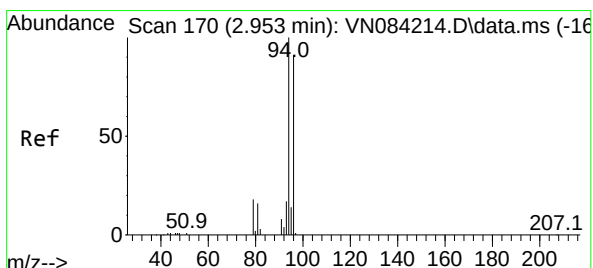
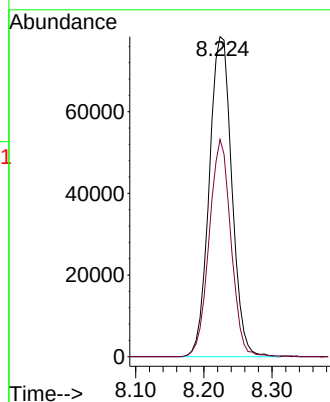
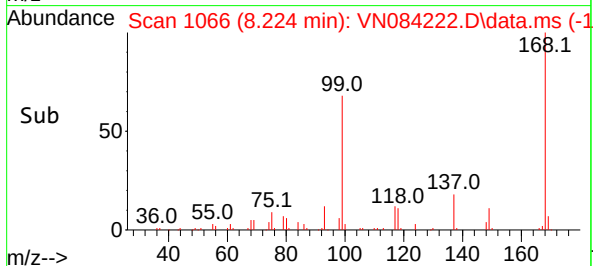


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084222.D
Acq: 30 Sep 2024 16:35

Instrument :
MSVOA_N
ClientSampleId :

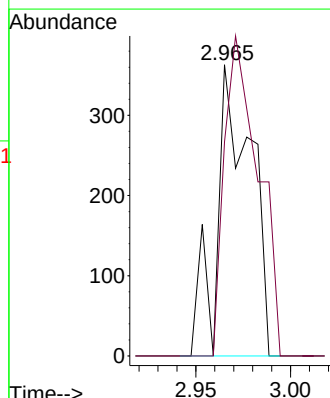
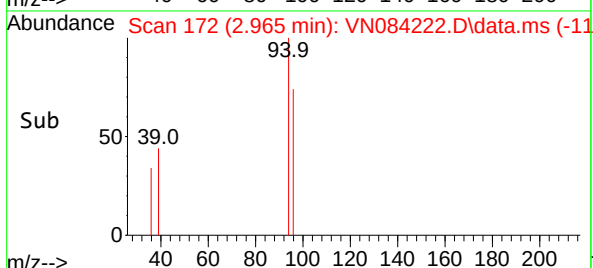
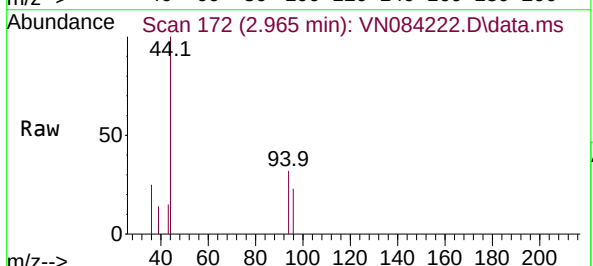


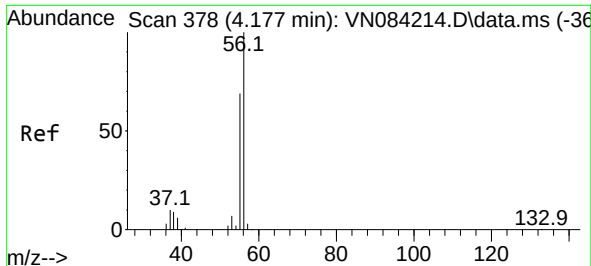
Tgt Ion:168 Resp: 180806
Ion Ratio Lower Upper
168 100
99 67.9 54.2 81.2



#5
Bromomethane
Concen: 0.294 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.012 min
Lab File: VN084222.D
Acq: 30 Sep 2024 16:35

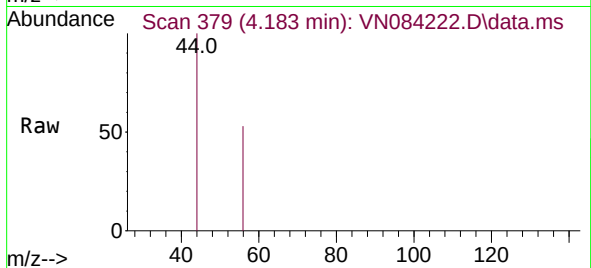
Tgt Ion: 94 Resp: 458
Ion Ratio Lower Upper
94 100
96 73.6 72.9 109.3



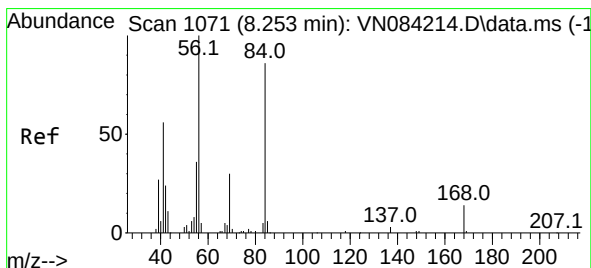
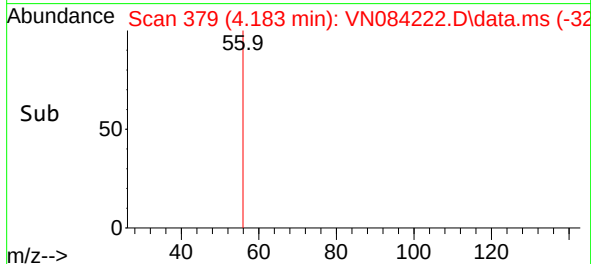
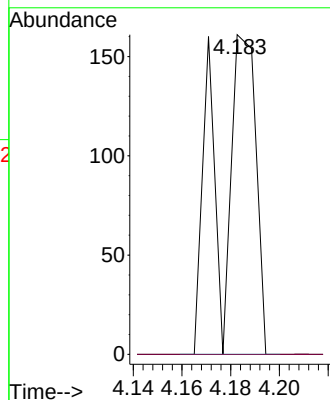


#13
Acrolein
Concen: 0.331 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN084222.D
Acq: 30 Sep 2024 16:35

Instrument :
MSVOA_N
ClientSampleId :

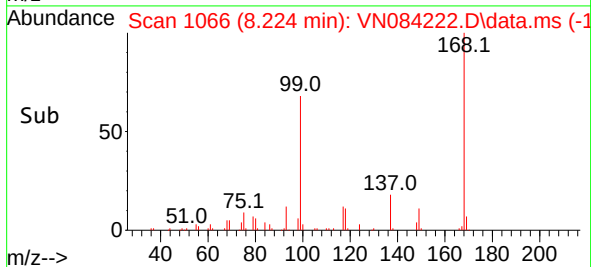
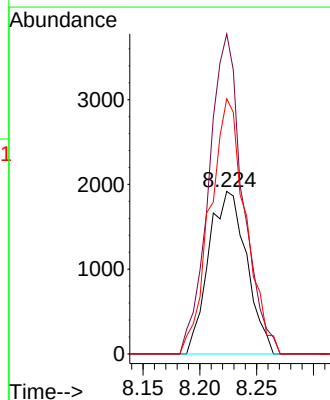
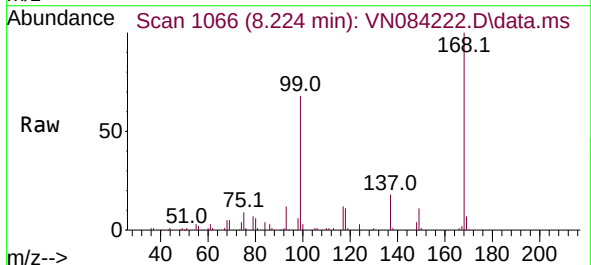


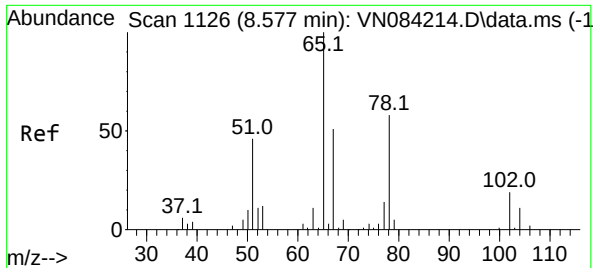
Tgt Ion: 56 Resp: 168
Ion Ratio Lower Upper
56 100
55 0.0 57.2 85.8#



#31
Cyclohexane
Concen: 1.122 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN084222.D
Acq: 30 Sep 2024 16:35

Tgt Ion: 56 Resp: 4455
Ion Ratio Lower Upper
56 100
69 196.9 23.8 35.6#
84 157.0 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 48.235 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084222.D

Acq: 30 Sep 2024 16:35

Instrument :

MSVOA_N

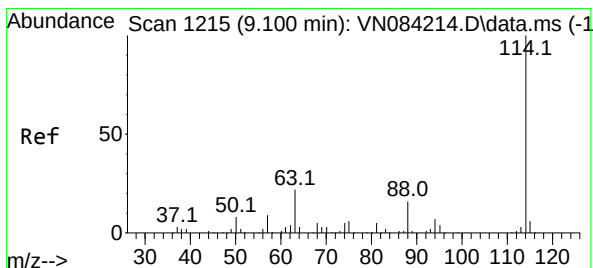
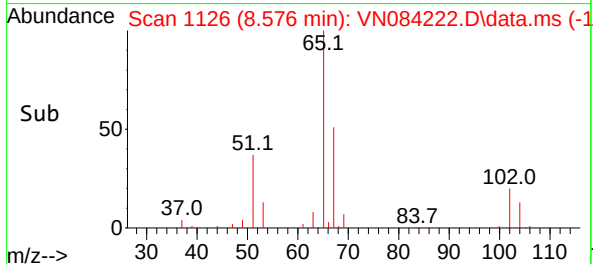
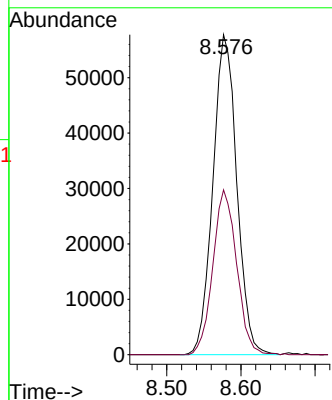
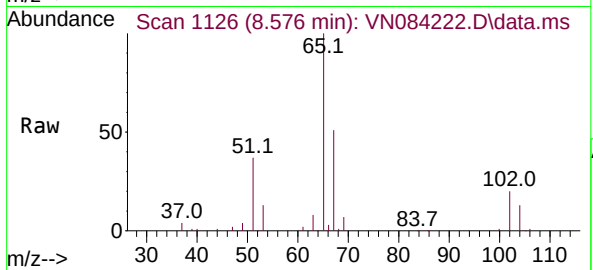
ClientSampleId :

Tgt Ion: 65 Resp: 129308

Ion Ratio Lower Upper

65 100

67 51.3 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN084222.D

Acq: 30 Sep 2024 16:35

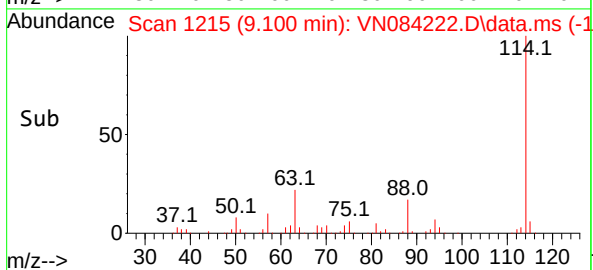
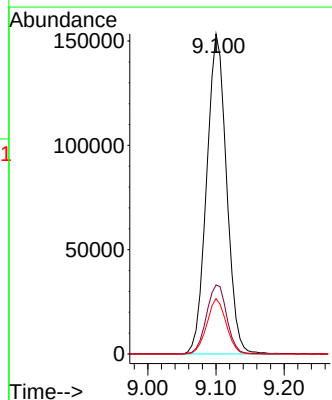
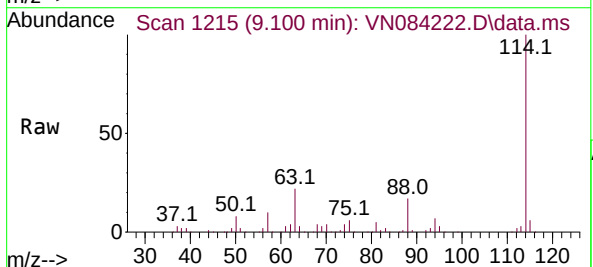
Tgt Ion: 114 Resp: 311157

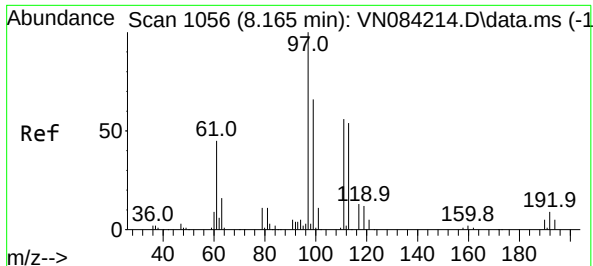
Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.8

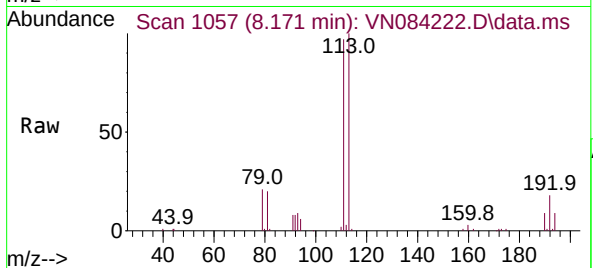
88 17.3 0.0 31.6



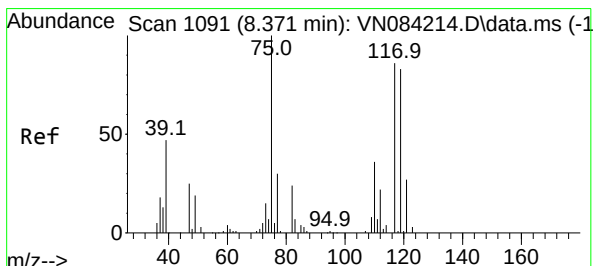
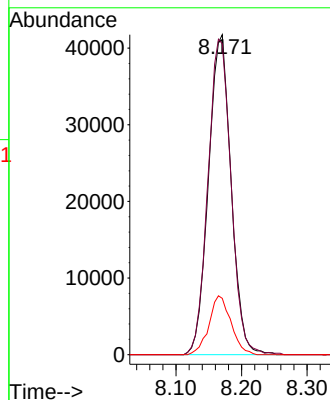
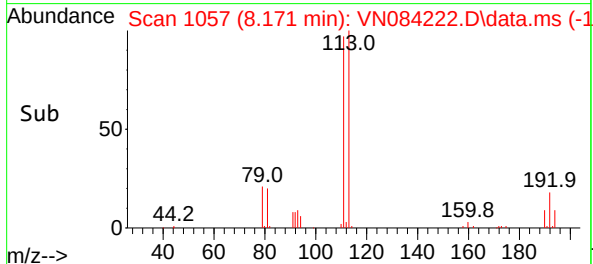


#35
Dibromofluoromethane
Concen: 48.766 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN084222.D
Acq: 30 Sep 2024 16:35

Instrument :
MSVOA_N
ClientSampleId :

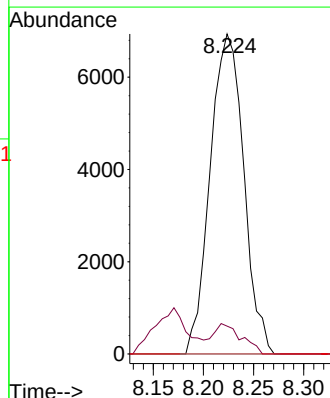
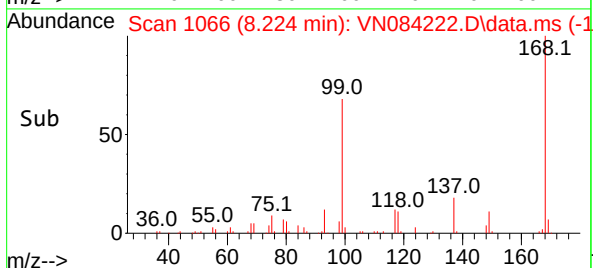
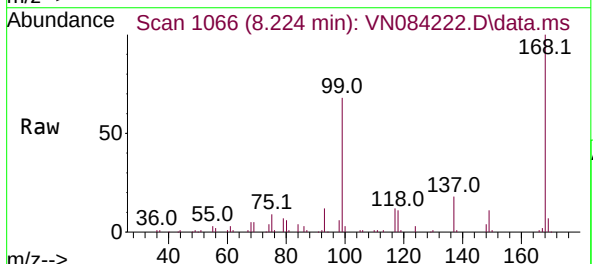


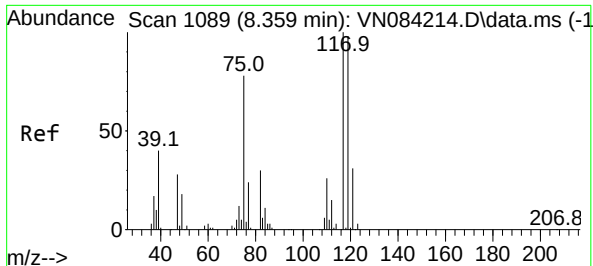
Tgt Ion:113 Resp: 100036
Ion Ratio Lower Upper
113 100
111 100.8 83.3 124.9
192 17.9 13.5 20.3



#36
1,1-Dichloropropene
Concen: 5.426 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN084222.D
Acq: 30 Sep 2024 16:35

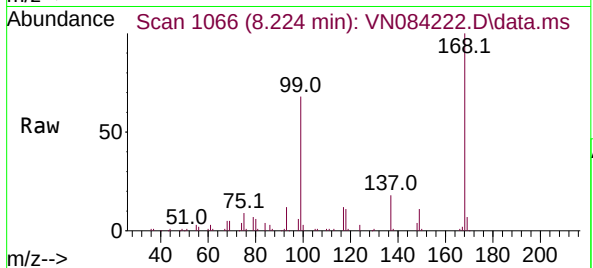
Tgt Ion: 75 Resp: 16168
Ion Ratio Lower Upper
75 100
110 8.1 16.9 50.7#
77 0.0 24.7 37.1#



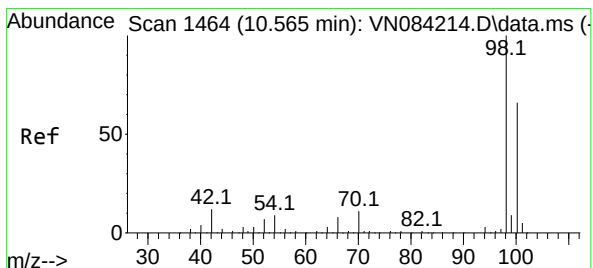
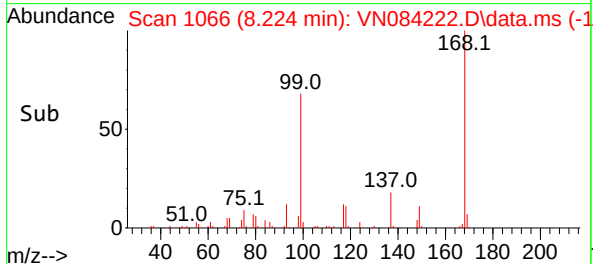
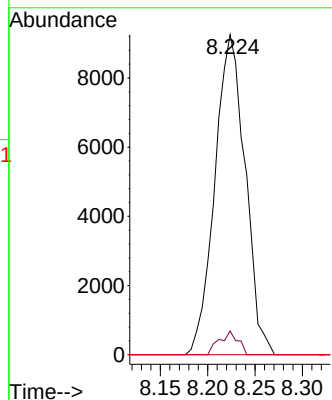


#38
Carbon Tetrachloride
Concen: 6.308 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084222.D
Acq: 30 Sep 2024 16:35

Instrument :
MSVOA_N
ClientSampleId :

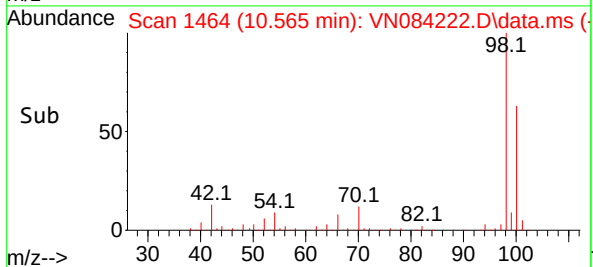
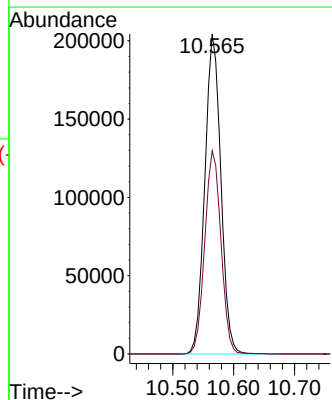
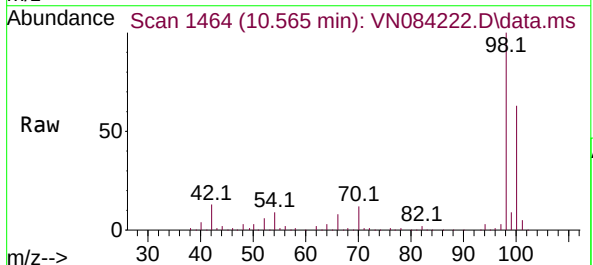


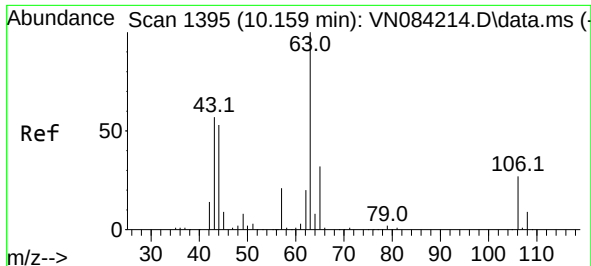
Tgt Ion:117 Resp: 20618
Ion Ratio Lower Upper
117 100
119 7.4 78.7 118.1#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.428 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084222.D
Acq: 30 Sep 2024 16:35

Tgt Ion: 98 Resp: 373040
Ion Ratio Lower Upper
98 100
100 64.2 52.7 79.1

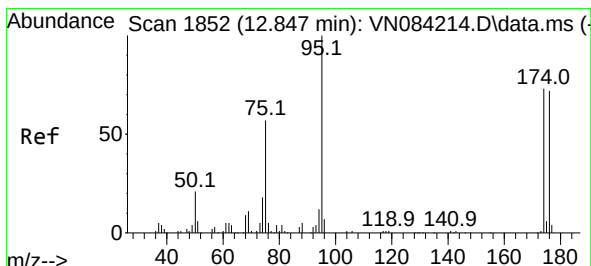
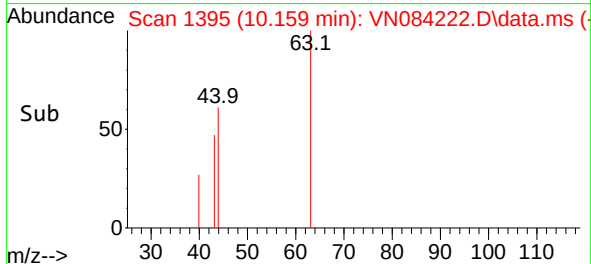
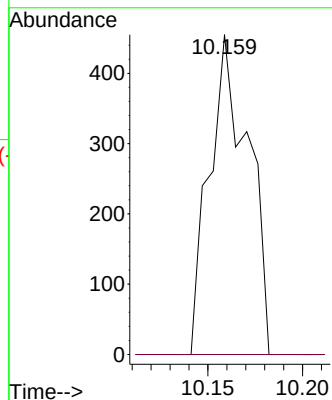
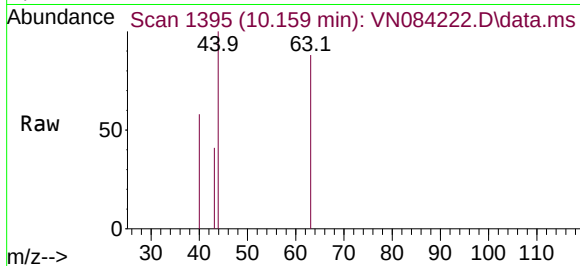




#58
2-Chloroethyl Vinyl ether
Concen: 0.419 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084222.D
Acq: 30 Sep 2024 16:35

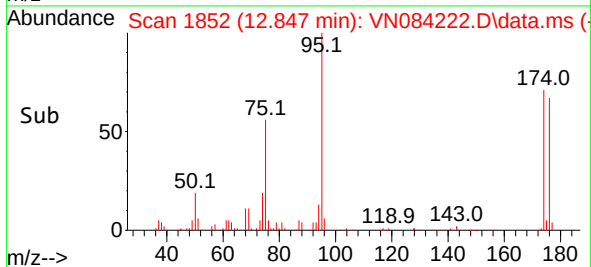
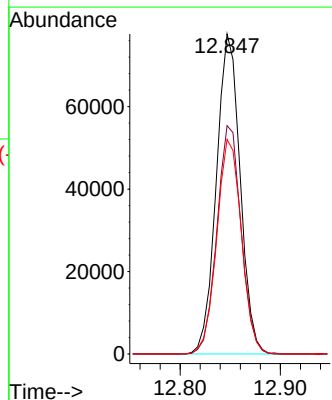
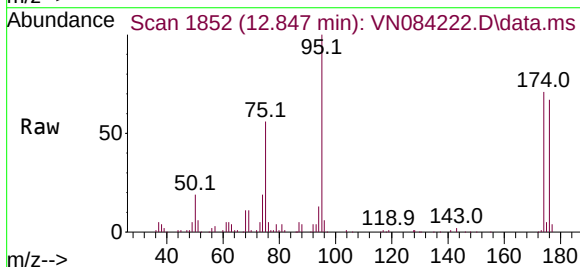
Instrument :
MSVOA_N
ClientSampleId :

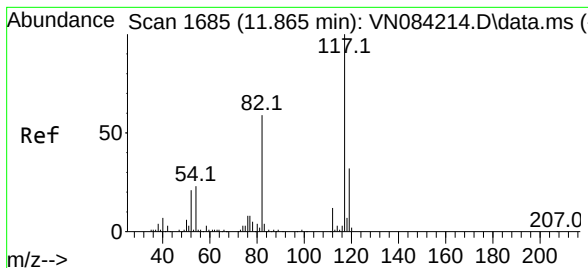
Tgt Ion: 63 Resp: 649
Ion Ratio Lower Upper
63 100
106 0.0 21.8 32.6#



#62
4-Bromofluorobenzene
Concen: 46.400 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084222.D
Acq: 30 Sep 2024 16:35

Tgt Ion: 95 Resp: 127575
Ion Ratio Lower Upper
95 100
174 72.8 0.0 145.2
176 69.5 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

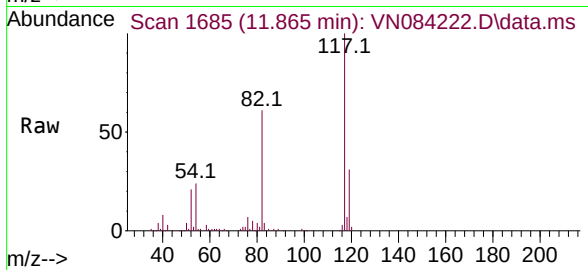
Lab File: VN084222.D

Acq: 30 Sep 2024 16:35

Instrument :

MSVOA_N

ClientSampleId :



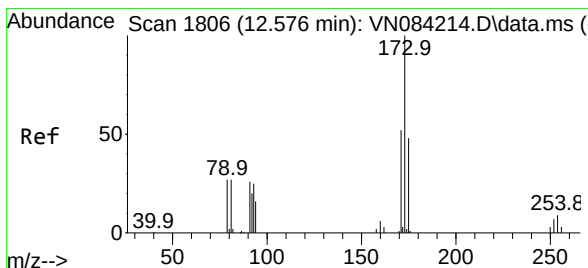
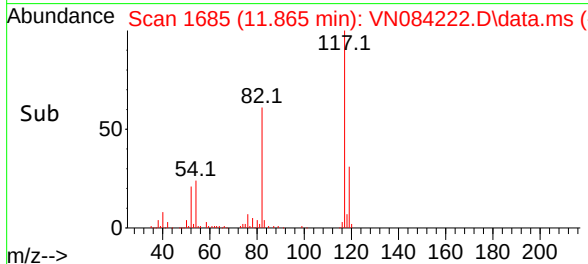
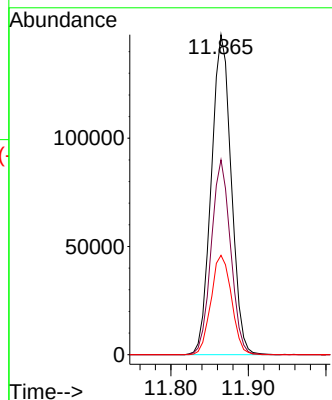
Tgt Ion:117 Resp: 264487

Ion Ratio Lower Upper

117 100

82 60.9 47.2 70.8

119 31.0 25.4 38.0



#71

Bromoform

Concen: 0.318 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.270 min

Lab File: VN084222.D

Acq: 30 Sep 2024 16:35

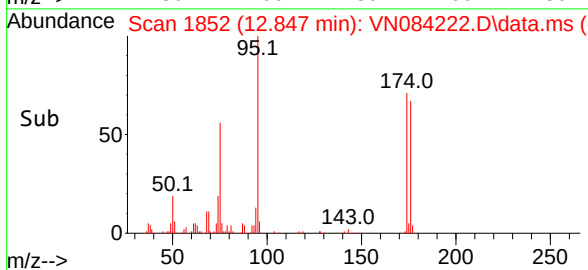
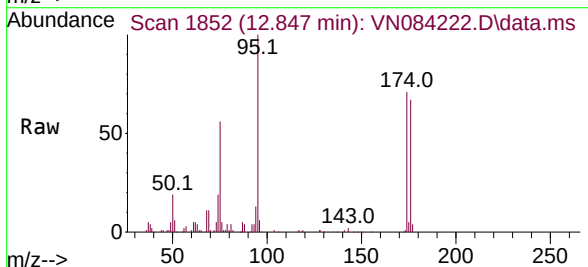
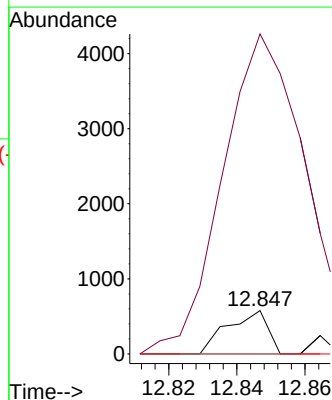
Tgt Ion:173 Resp: 473

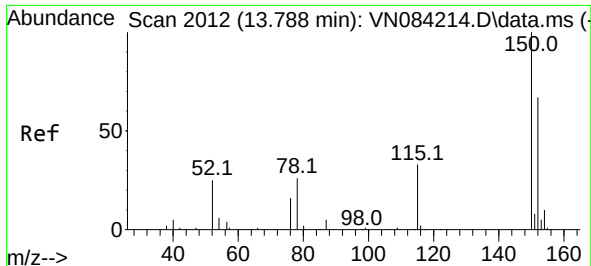
Ion Ratio Lower Upper

173 100

175 1123.5 23.5 70.6#

254 0.0 0.0 0.0

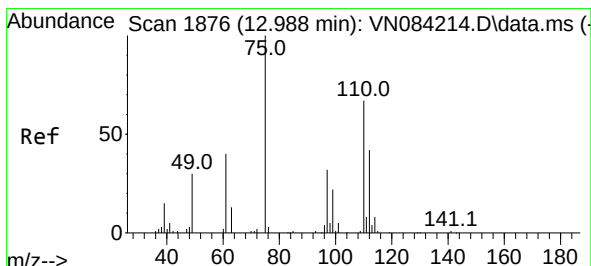
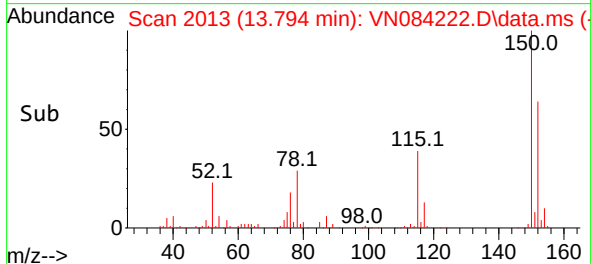
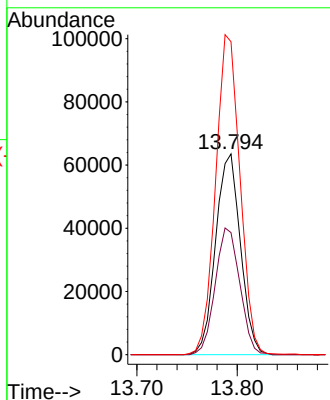
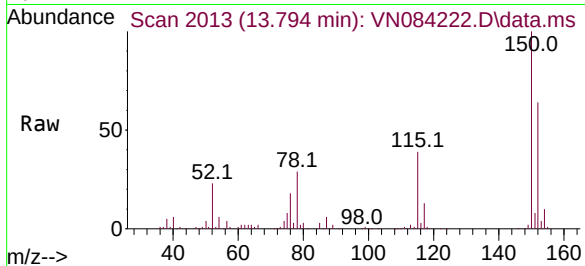




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN084222.D
 Acq: 30 Sep 2024 16:35

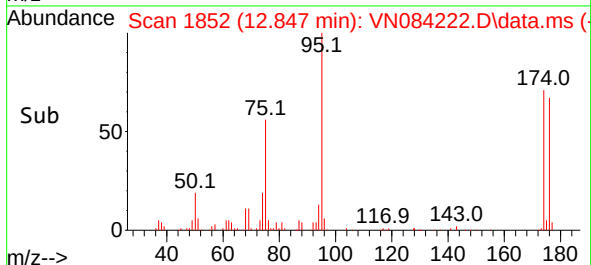
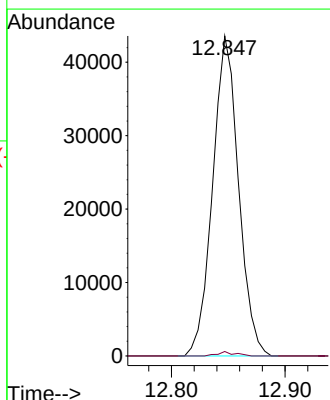
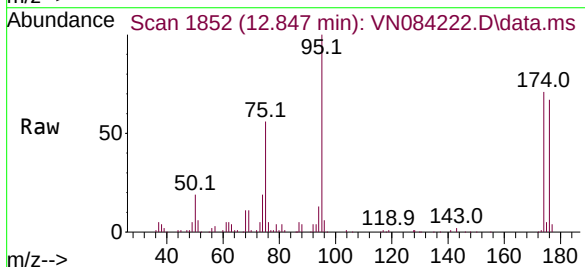
Instrument :
 MSVOA_N
 ClientSampleId :

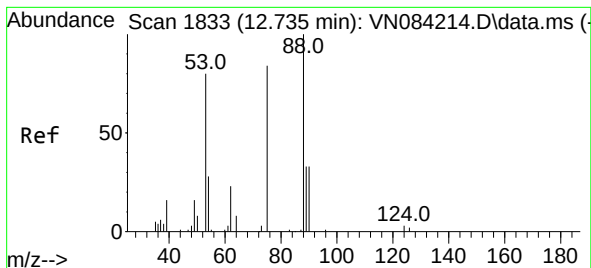
Tgt Ion:152 Resp: 108875
 Ion Ratio Lower Upper
 152 100
 115 62.6 31.3 93.9
 150 157.0 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 31.066 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN084222.D
 Acq: 30 Sep 2024 16:35

Tgt Ion: 75 Resp: 69051
 Ion Ratio Lower Upper
 75 100
 77 0.9 96.9 290.7#

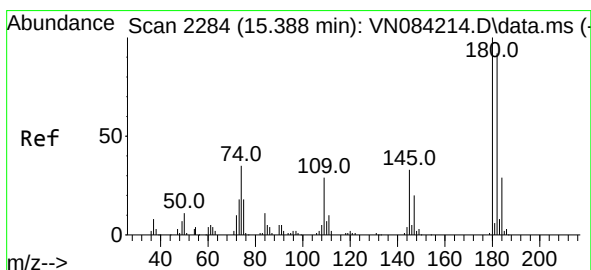
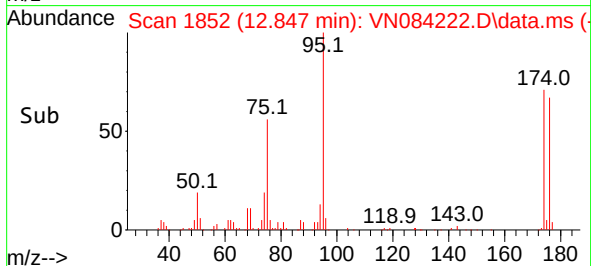
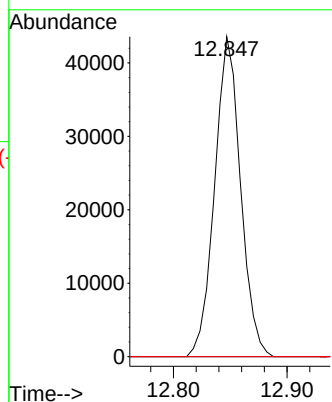
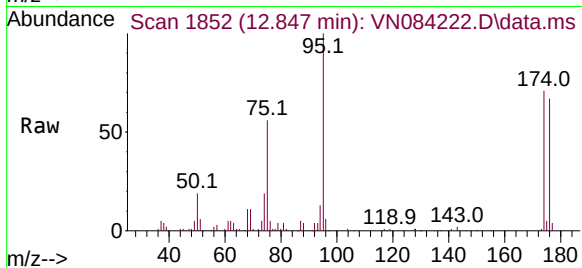




#81
trans-1,4-Dichloro-2-butene
Concen: 74.479 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN084222.D
Acq: 30 Sep 2024 16:35

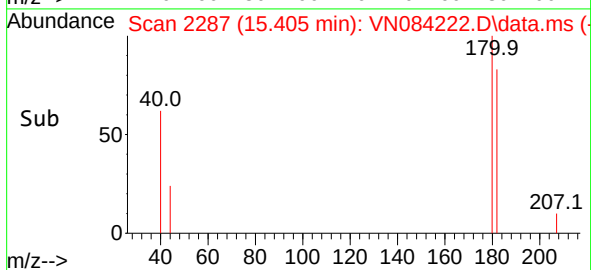
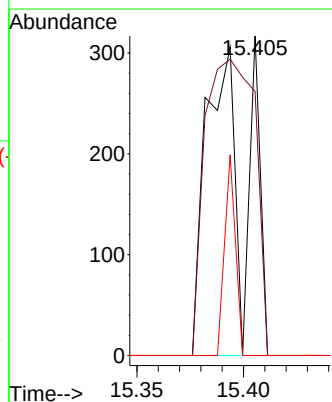
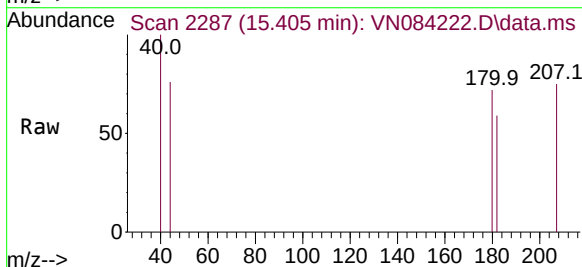
Instrument :
MSVOA_N
ClientSampleId :

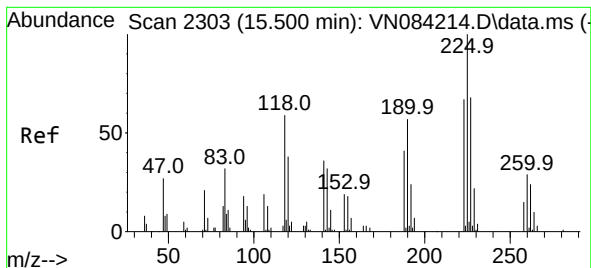
Tgt Ion: 75 Resp: 69051
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.218 ug/l
RT: 15.405 min Scan# 2287
Delta R.T. 0.018 min
Lab File: VN084222.D
Acq: 30 Sep 2024 16:35

Tgt Ion:180 Resp: 396
Ion Ratio Lower Upper
180 100
182 120.7 47.0 141.0
145 17.7 16.4 49.4





#94

Hexachlorobutadiene

Concen: 0.329 ug/l

RT: 15.494 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN084222.D

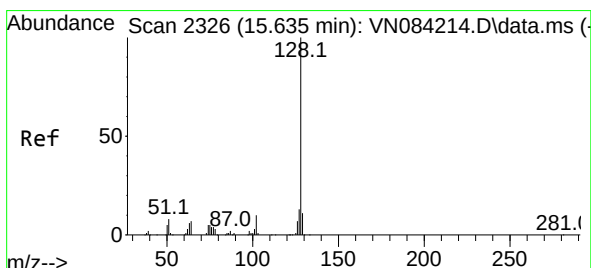
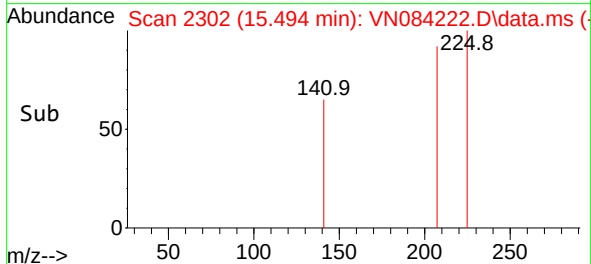
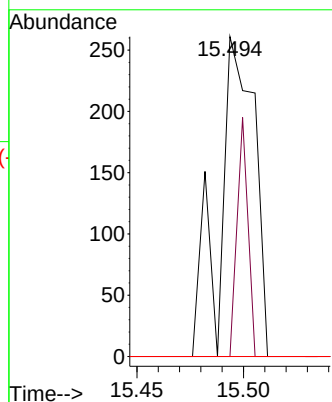
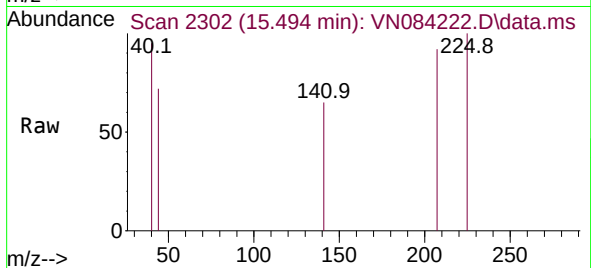
Acq: 30 Sep 2024 16:35

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:225	Resp:	298
Ion	Ratio	Lower Upper
225	100	
223	23.2	32.4 97.2#
227	0.0	32.4 97.0#



#95

Naphthalene

Concen: 0.326 ug/l

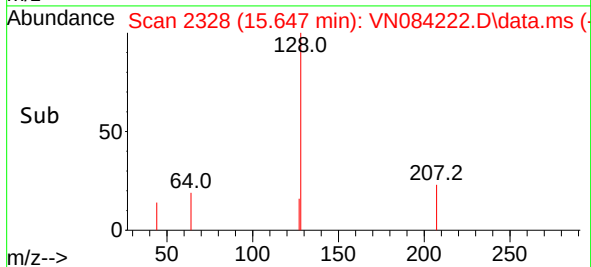
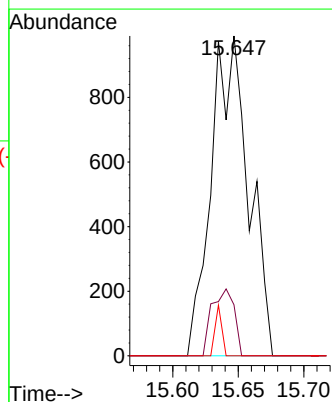
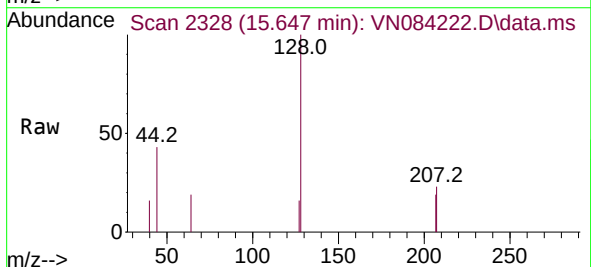
RT: 15.647 min Scan# 2328

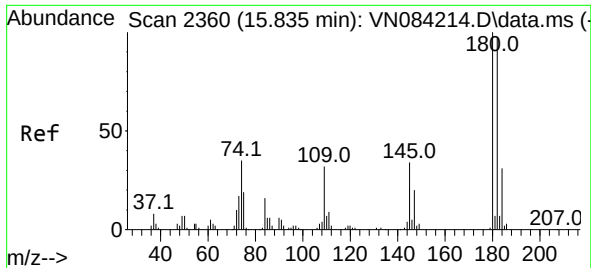
Delta R.T. 0.012 min

Lab File: VN084222.D

Acq: 30 Sep 2024 16:35

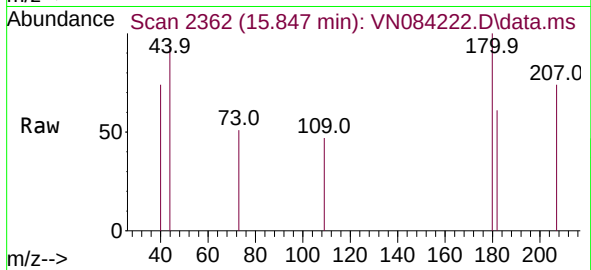
Tgt Ion:128	Resp:	1962
Ion	Ratio	Lower Upper
128	100	
127	12.5	10.5 15.7
129	2.8	8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.300 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VN084222.D
 Acq: 30 Sep 2024 16:35

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	83.5	48.2	144.6
145	0.0	17.3	51.9#

