

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101024\
 Data File : VN084379.D
 Acq On : 10 Oct 2024 10:43
 Operator : JC\MD
 Sample : VN1010WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 11 02:42:05 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)

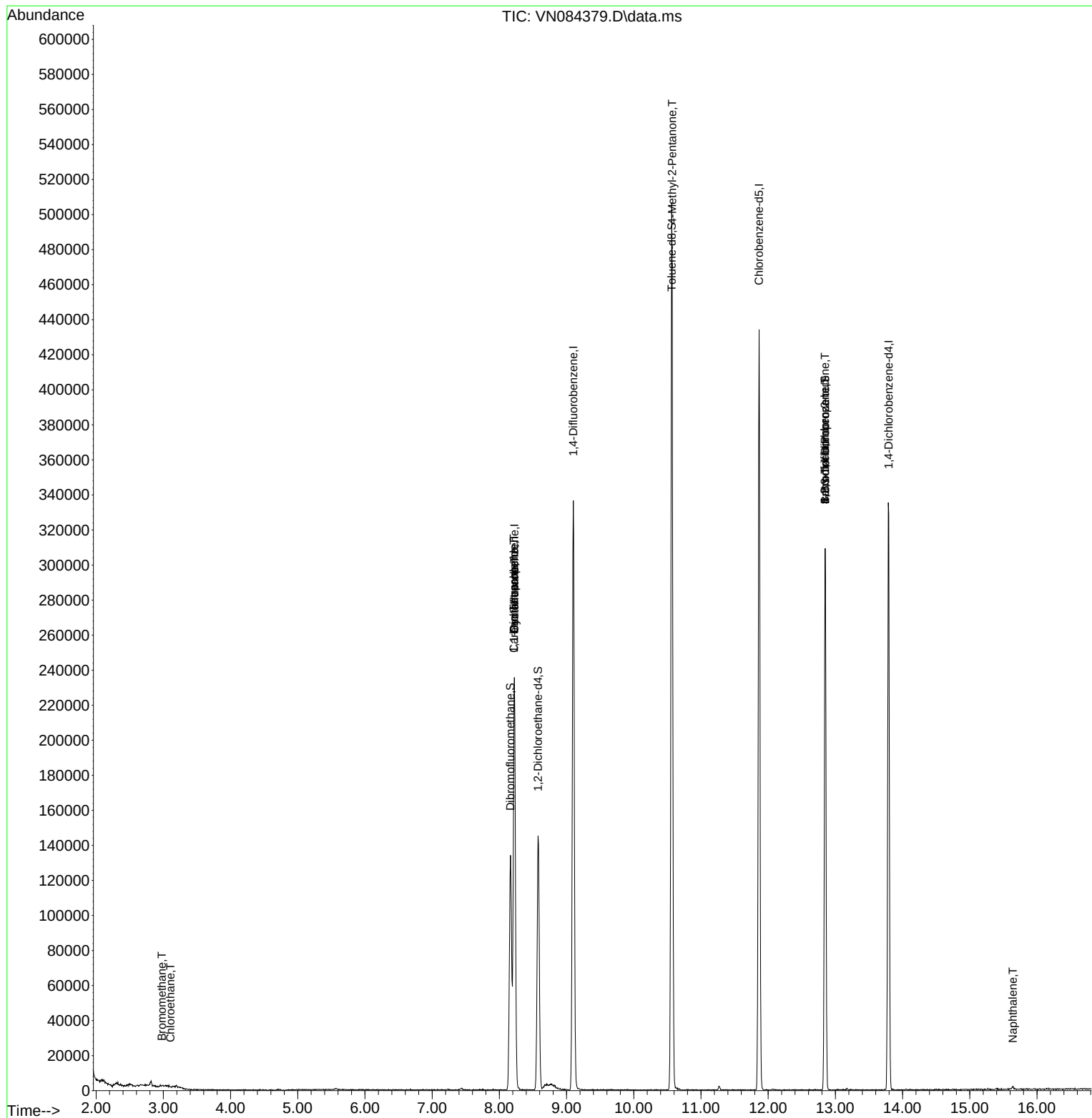
Internal Standards						
1) Pentafluorobenzene	8.224	168	164878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	286501	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240066	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	89506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120322	49.219	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.440%
35) Dibromofluoromethane	8.165	113	96010	50.831	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.660%
50) Toluene-d8	10.565	98	343920	49.491	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.980%
62) 4-Bromofluorobenzene	12.847	95	109063	43.080	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	86.160%
Target Compounds						
					Qvalue	
5) Bromomethane	2.977	94	353	0.248	ug/l	98
6) Chloroethane	3.106	64	350	0.227	ug/l #	45
31) Cyclohexane	8.224	56	4098	1.132	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	14517	5.291	ug/l #	51
38) Carbon Tetrachloride	8.218	117	18404	6.115	ug/l #	16
51) 4-Methyl-2-Pentanone	10.571	43	1449	0.541	ug/l #	1
71) Bromoform	12.847	173	541	0.401	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	57249	31.330	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	57249	75.112	ug/l #	11
95) Naphthalene	15.641	128	2282	0.461	ug/l #	84

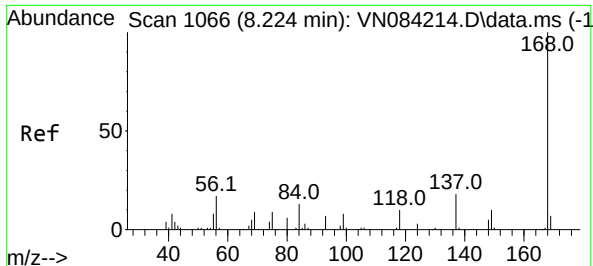
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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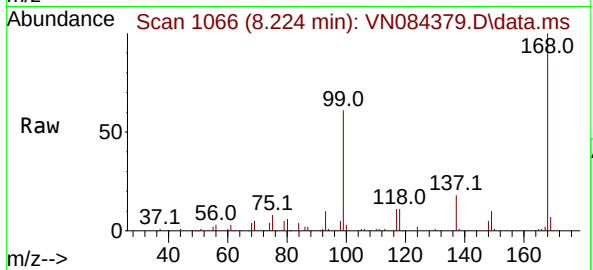
Quant Time: Oct 11 02:42:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
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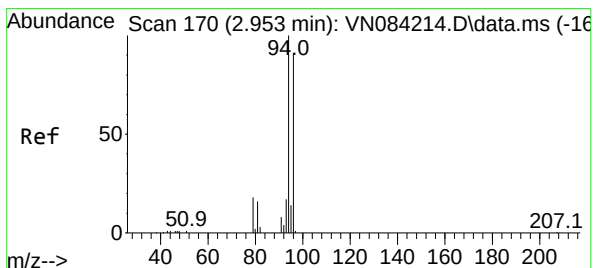
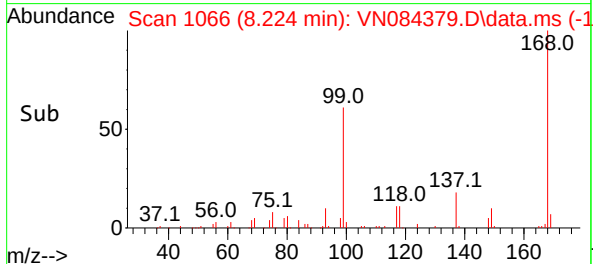
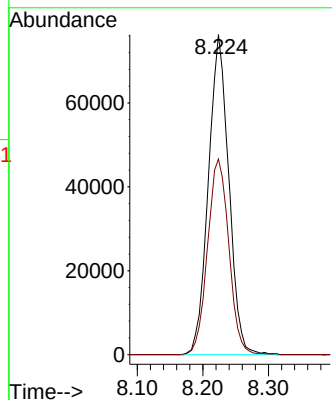


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084379.D
Acq: 10 Oct 2024 10:43

Instrument :
MSVOA_N
ClientSampleId :

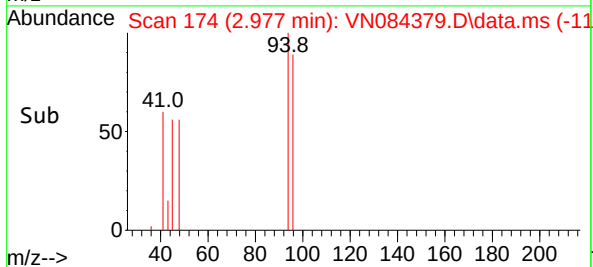
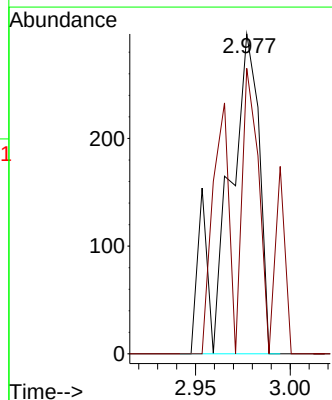
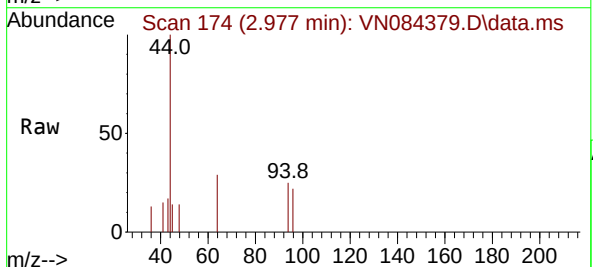


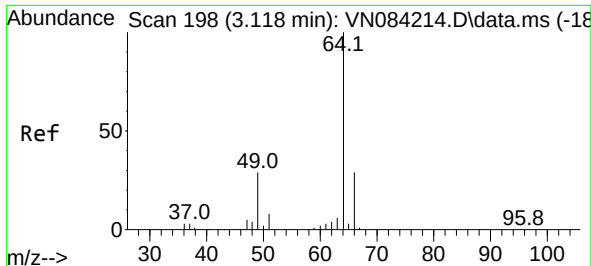
Tgt Ion:168 Resp: 164878
Ion Ratio Lower Upper
168 100
99 61.1 54.2 81.2



#5
Bromomethane
Concen: 0.248 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.024 min
Lab File: VN084379.D
Acq: 10 Oct 2024 10:43

Tgt Ion: 94 Resp: 353
Ion Ratio Lower Upper
94 100
96 89.2 72.9 109.3

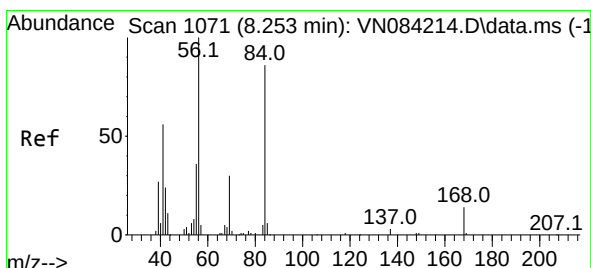
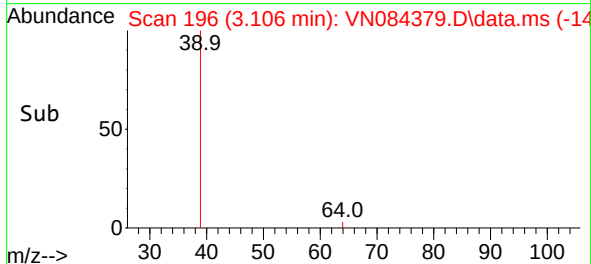
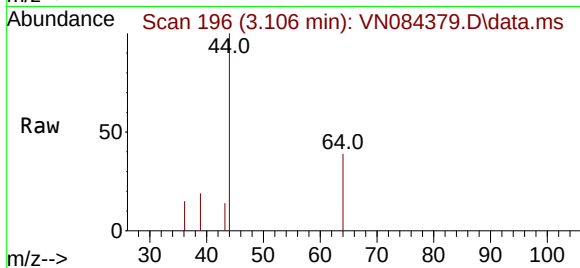




#6
Chloroethane
Concen: 0.227 ug/l
RT: 3.106 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN084379.D
Acq: 10 Oct 2024 10:43

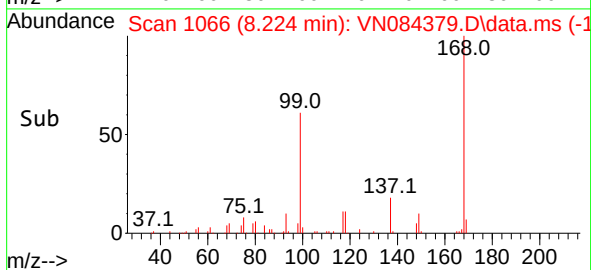
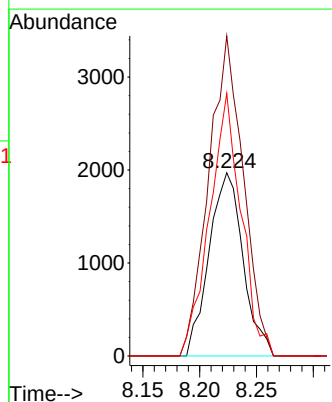
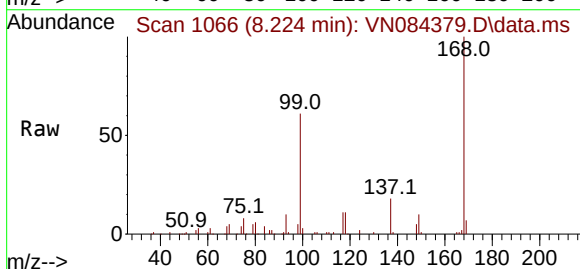
Instrument :
MSVOA_N
ClientSampleId :

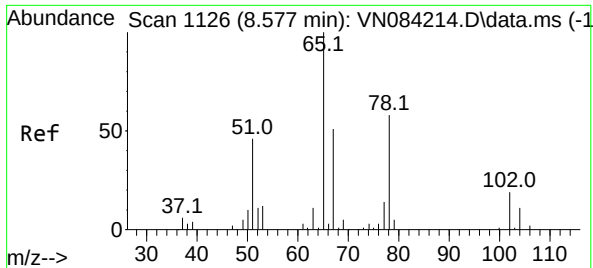
Tgt Ion: 64 Resp: 350
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#31
Cyclohexane
Concen: 1.132 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084379.D
Acq: 10 Oct 2024 10:43

Tgt Ion: 56 Resp: 4098
Ion Ratio Lower Upper
56 100
69 174.7 23.8 35.6#
84 143.4 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 49.219 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN084379.D

Acq: 10 Oct 2024 10:43

Instrument :

MSVOA_N

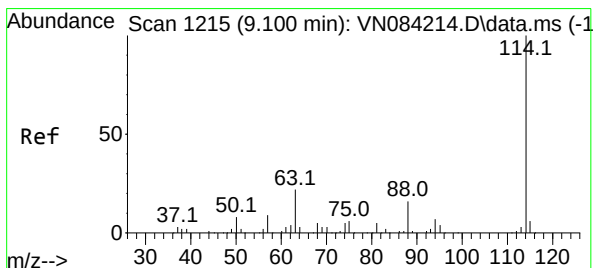
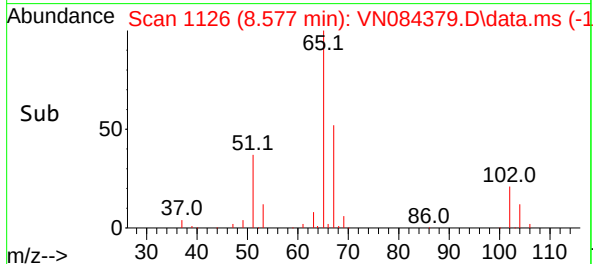
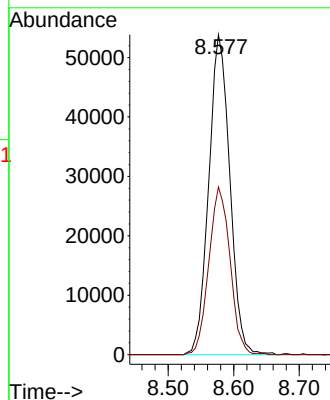
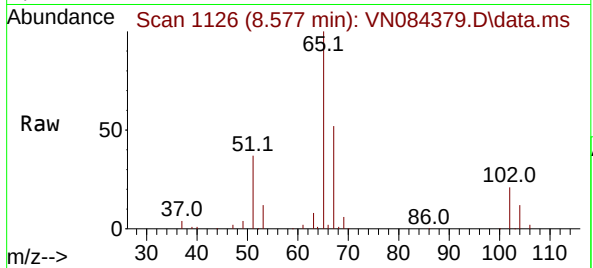
ClientSampleId :

Tgt Ion: 65 Resp: 120322

Ion Ratio Lower Upper

65 100

67 52.5 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: VN084379.D

Acq: 10 Oct 2024 10:43

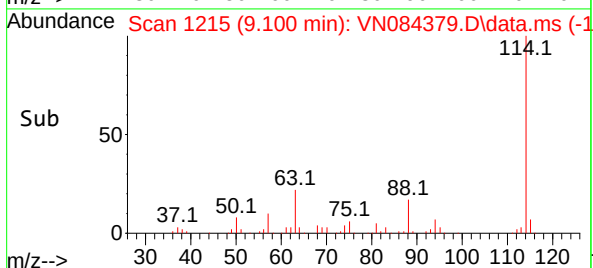
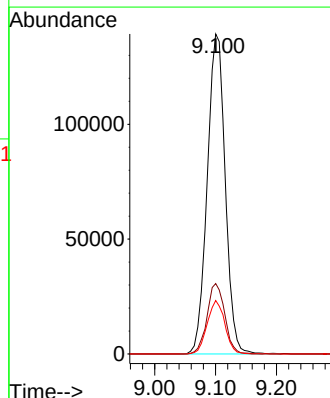
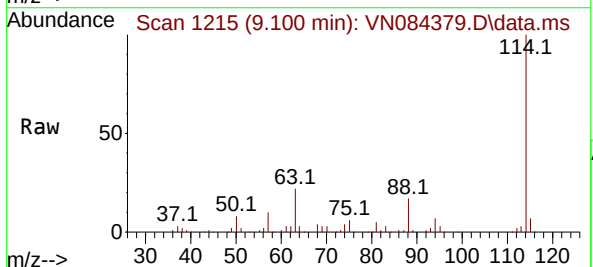
Tgt Ion: 114 Resp: 286501

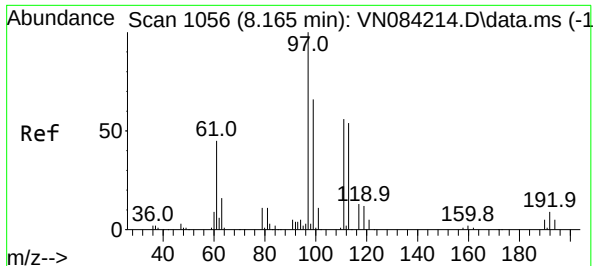
Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.8

88 16.7 0.0 31.6

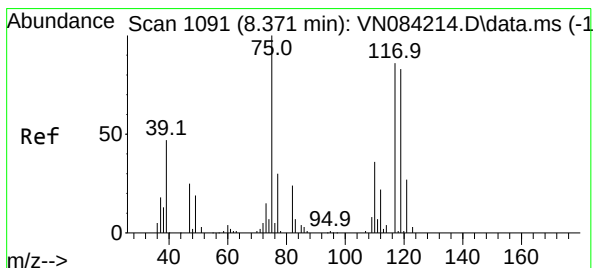
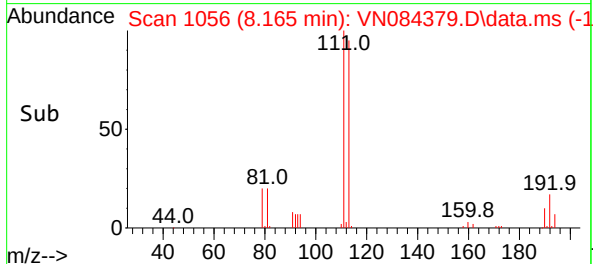
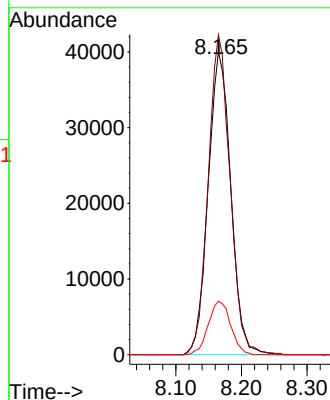
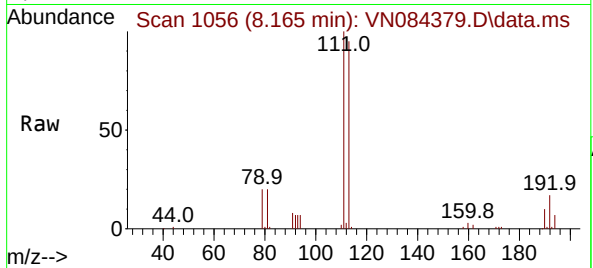




#35
Dibromofluoromethane
Concen: 50.831 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084379.D
Acq: 10 Oct 2024 10:43

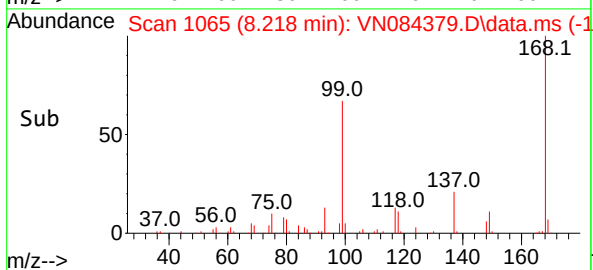
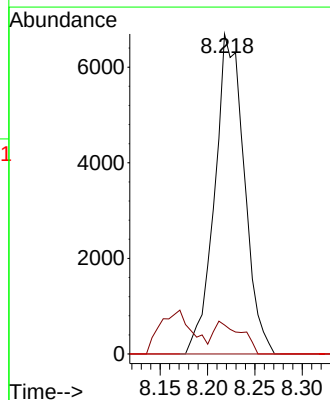
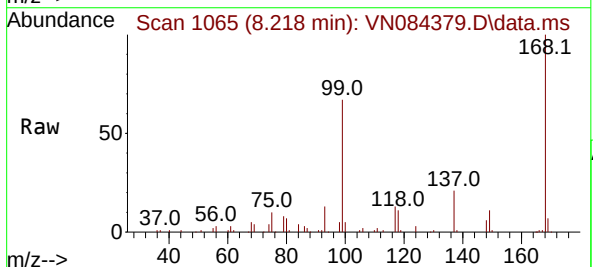
Instrument :
MSVOA_N
ClientSampleId :

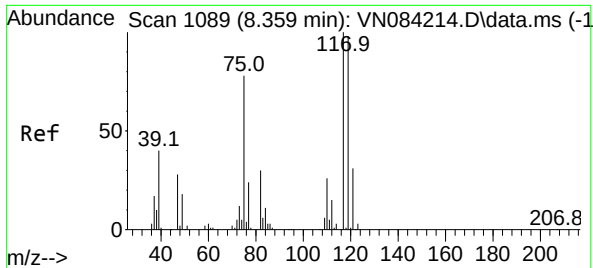
Tgt Ion:113 Resp: 96010
Ion Ratio Lower Upper
113 100
111 102.3 83.3 124.9
192 17.5 13.5 20.3



#36
1,1-Dichloropropene
Concen: 5.291 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN084379.D
Acq: 10 Oct 2024 10:43

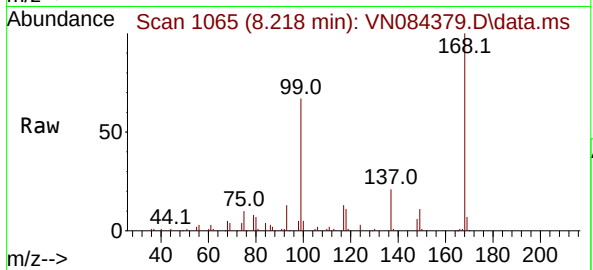
Tgt Ion: 75 Resp: 14517
Ion Ratio Lower Upper
75 100
110 9.4 16.9 50.7#
77 0.0 24.7 37.1#



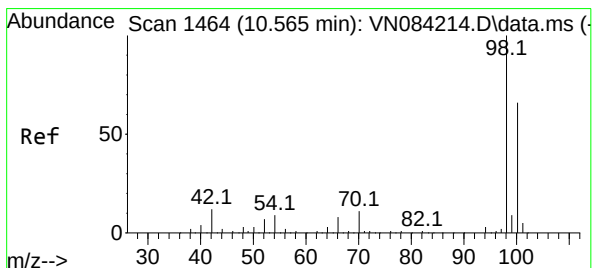
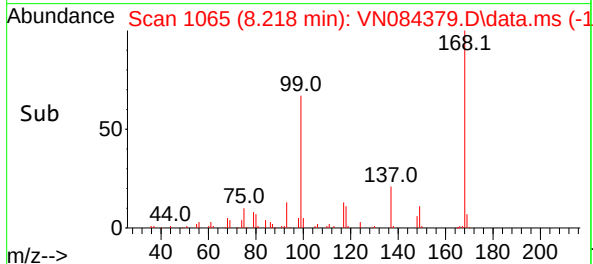
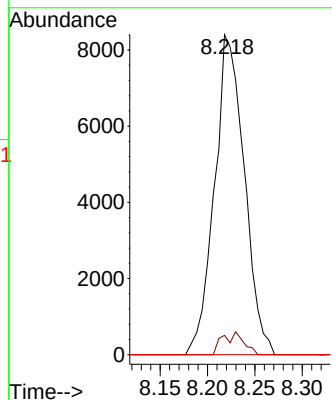


#38
Carbon Tetrachloride
Concen: 6.115 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN084379.D
Acq: 10 Oct 2024 10:43

Instrument :
MSVOA_N
ClientSampleId :

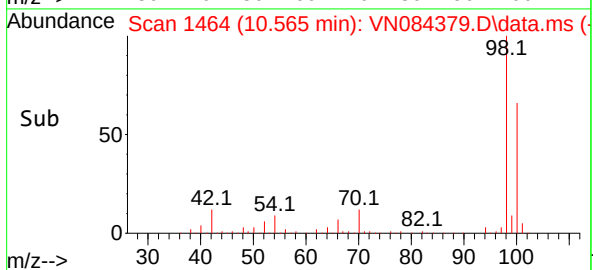
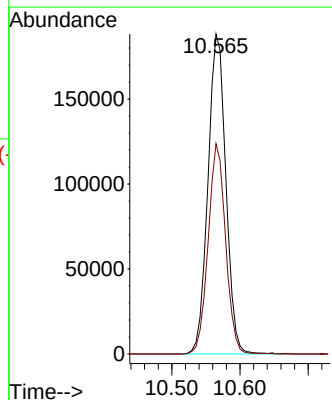
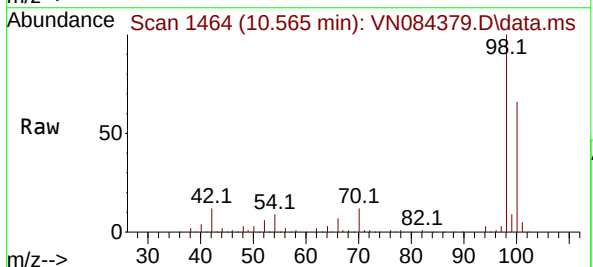


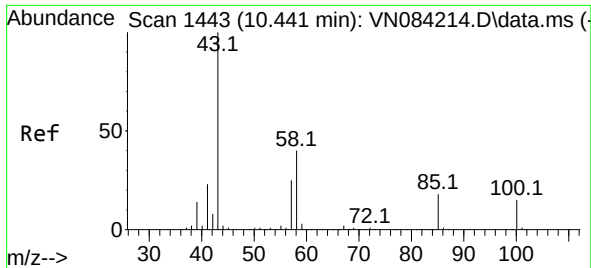
Tgt Ion:117 Resp: 18404
Ion Ratio Lower Upper
117 100
119 6.1 78.7 118.1#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.491 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084379.D
Acq: 10 Oct 2024 10:43

Tgt Ion: 98 Resp: 343920
Ion Ratio Lower Upper
98 100
100 64.0 52.7 79.1

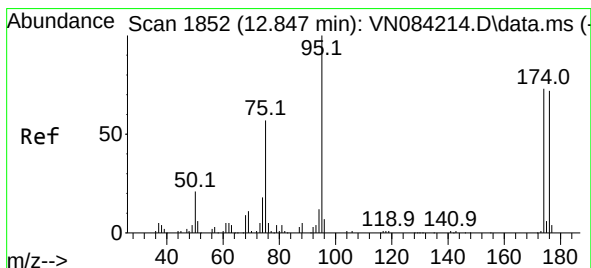
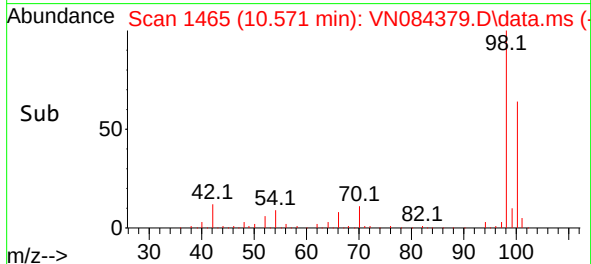
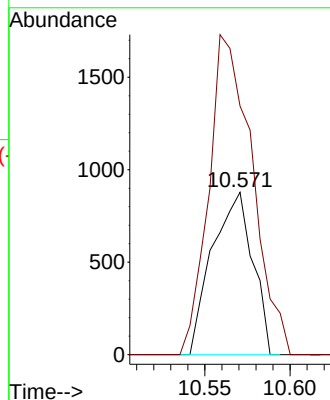
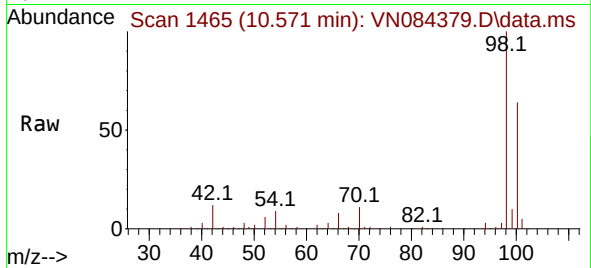




#51
4-Methyl-2-Pentanone
Concen: 0.541 ug/l
RT: 10.571 min Scan# 1449
Delta R.T. 0.129 min
Lab File: VN084379.D
Acq: 10 Oct 2024 10:43

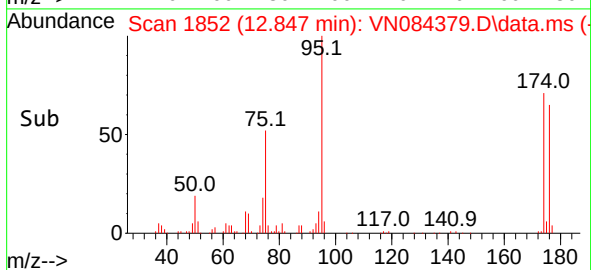
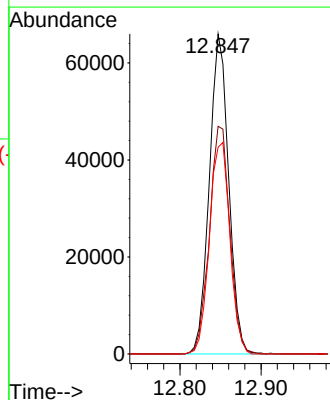
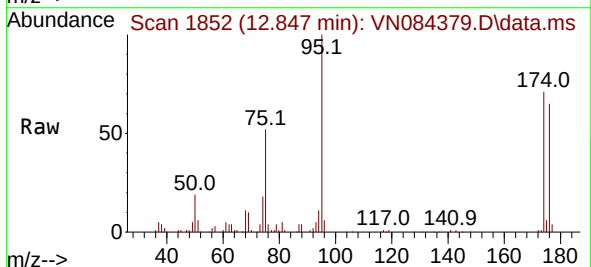
Instrument :
MSVOA_N
ClientSampleId :

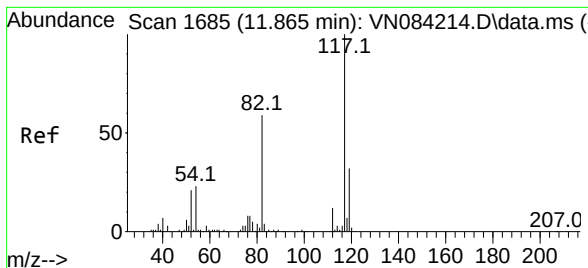
Tgt Ion: 43 Resp: 1449
Ion Ratio Lower Upper
43 100
58 211.0 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 43.080 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084379.D
Acq: 10 Oct 2024 10:43

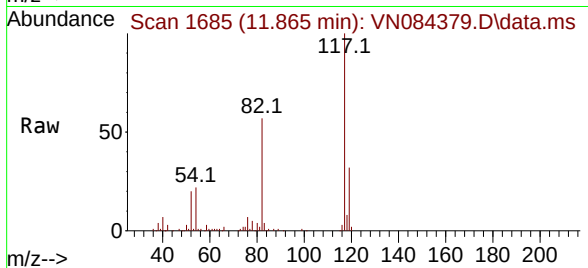
Tgt Ion: 95 Resp: 109063
Ion Ratio Lower Upper
95 100
174 75.3 0.0 145.2
176 69.9 0.0 140.0



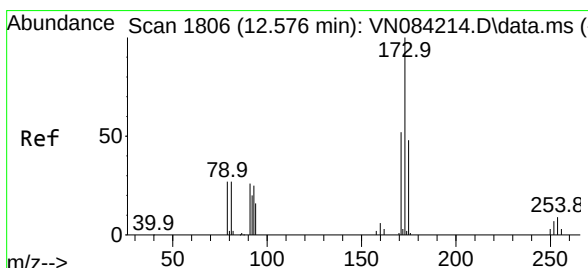
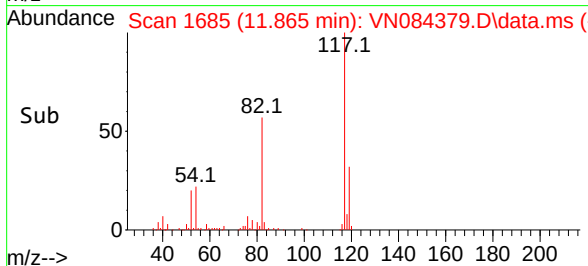
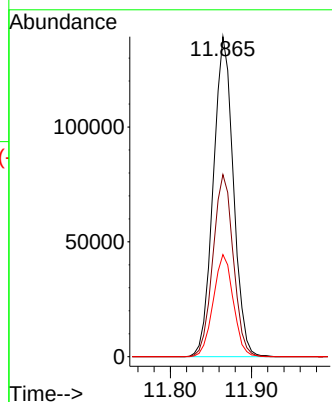


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084379.D
Acq: 10 Oct 2024 10:43

Instrument :
MSVOA_N
ClientSampleId :

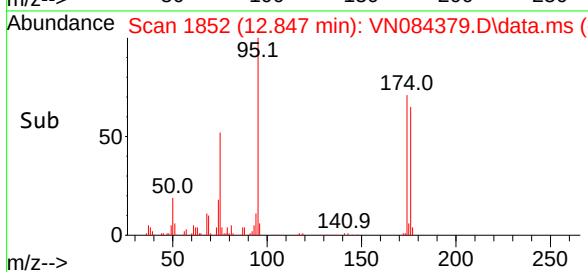
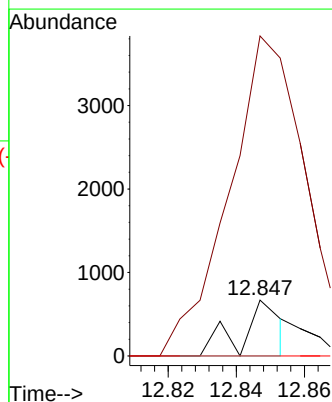
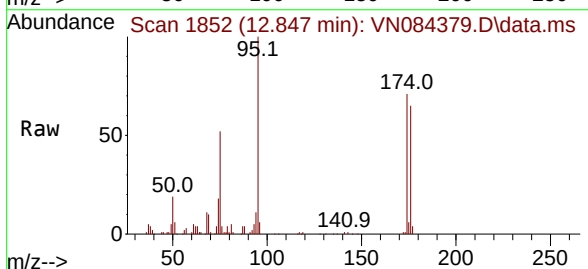


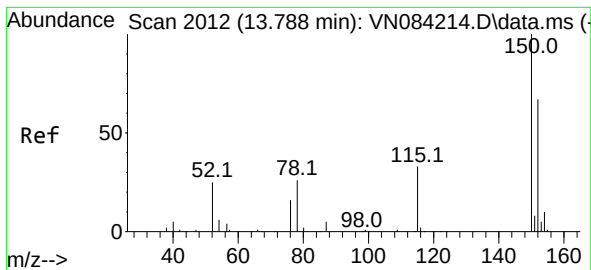
Tgt Ion:117 Resp: 240066
Ion Ratio Lower Upper
117 100
82 56.9 47.2 70.8
119 31.9 25.4 38.0



#71
Bromoform
Concen: 0.401 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN084379.D
Acq: 10 Oct 2024 10:43

Tgt Ion:173 Resp: 541
Ion Ratio Lower Upper
173 100
175 816.1 23.5 70.6#
254 0.0 0.0 0.0

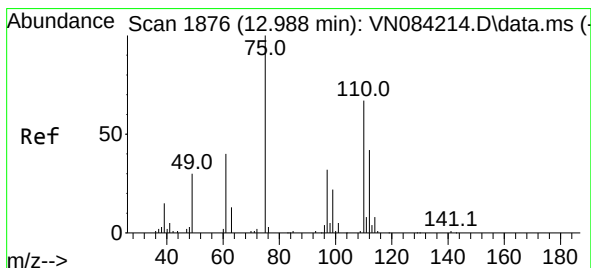
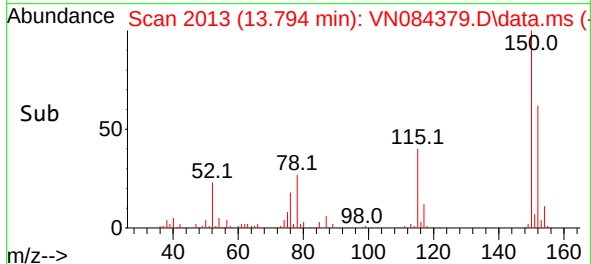
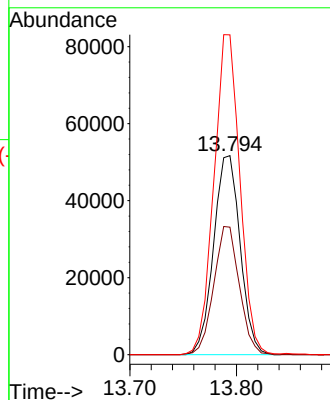
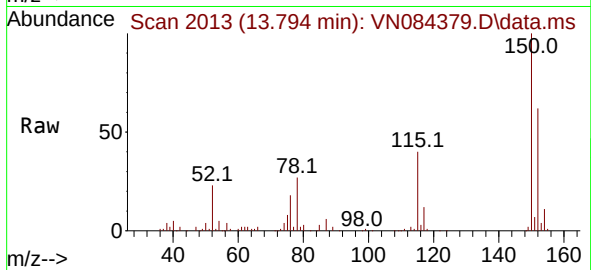




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2012
Delta R.T. 0.006 min
Lab File: VN084379.D
Acq: 10 Oct 2024 10:43

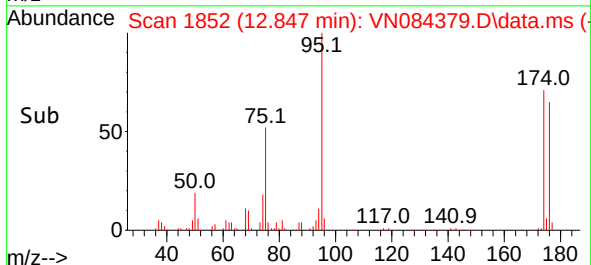
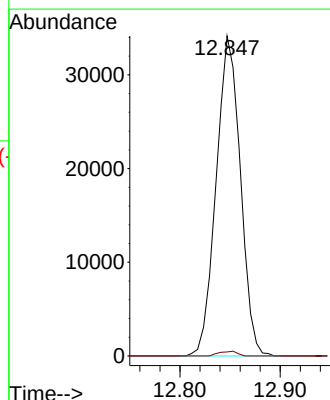
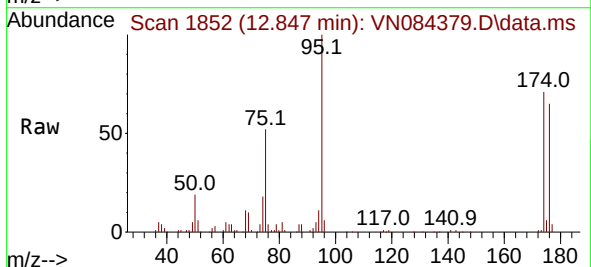
Instrument :
MSVOA_N
ClientSampleId :

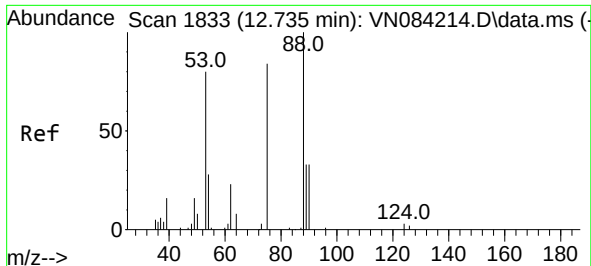
Tgt Ion:152 Resp: 89506
Ion Ratio Lower Upper
152 100
115 62.1 31.3 93.9
150 157.2 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 31.330 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084379.D
Acq: 10 Oct 2024 10:43

Tgt Ion: 75 Resp: 57249
Ion Ratio Lower Upper
75 100
77 1.1 96.9 290.7#

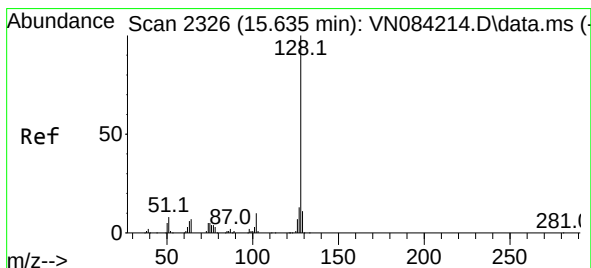
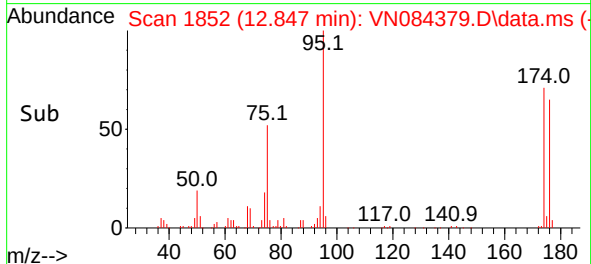
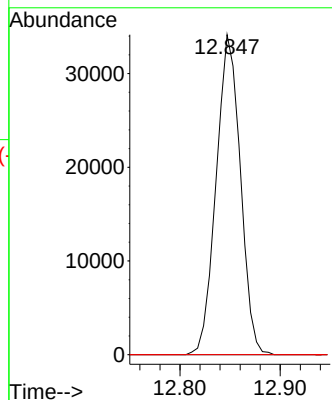
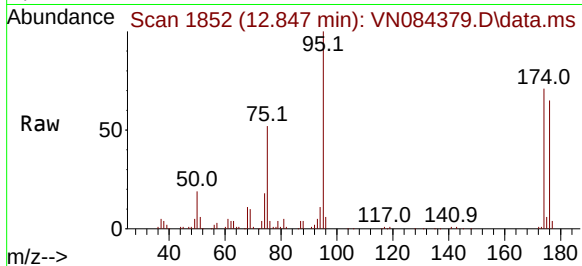




#81
trans-1,4-Dichloro-2-butene
Concen: 75.112 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084379.D
Acq: 10 Oct 2024 10:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 57249
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#



#95
Naphthalene
Concen: 0.461 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN084379.D
Acq: 10 Oct 2024 10:43

Tgt Ion:128 Resp: 2282
Ion Ratio Lower Upper
128 100
127 3.2 10.5 15.7#
129 8.9 8.7 13.1

