

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100224\
 Data File : VN084278.D
 Acq On : 02 Oct 2024 20:33
 Operator : JC\MD
 Sample : P4226-26
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 03 02:05:25 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	160795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	278936	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	93005	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119784	50.243	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.480%
35) Dibromofluoromethane	8.165	113	94532	51.406	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.820%
50) Toluene-d8	10.565	98	343354	50.750	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.500%
62) 4-Bromofluorobenzene	12.847	95	112124	45.491	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.980%

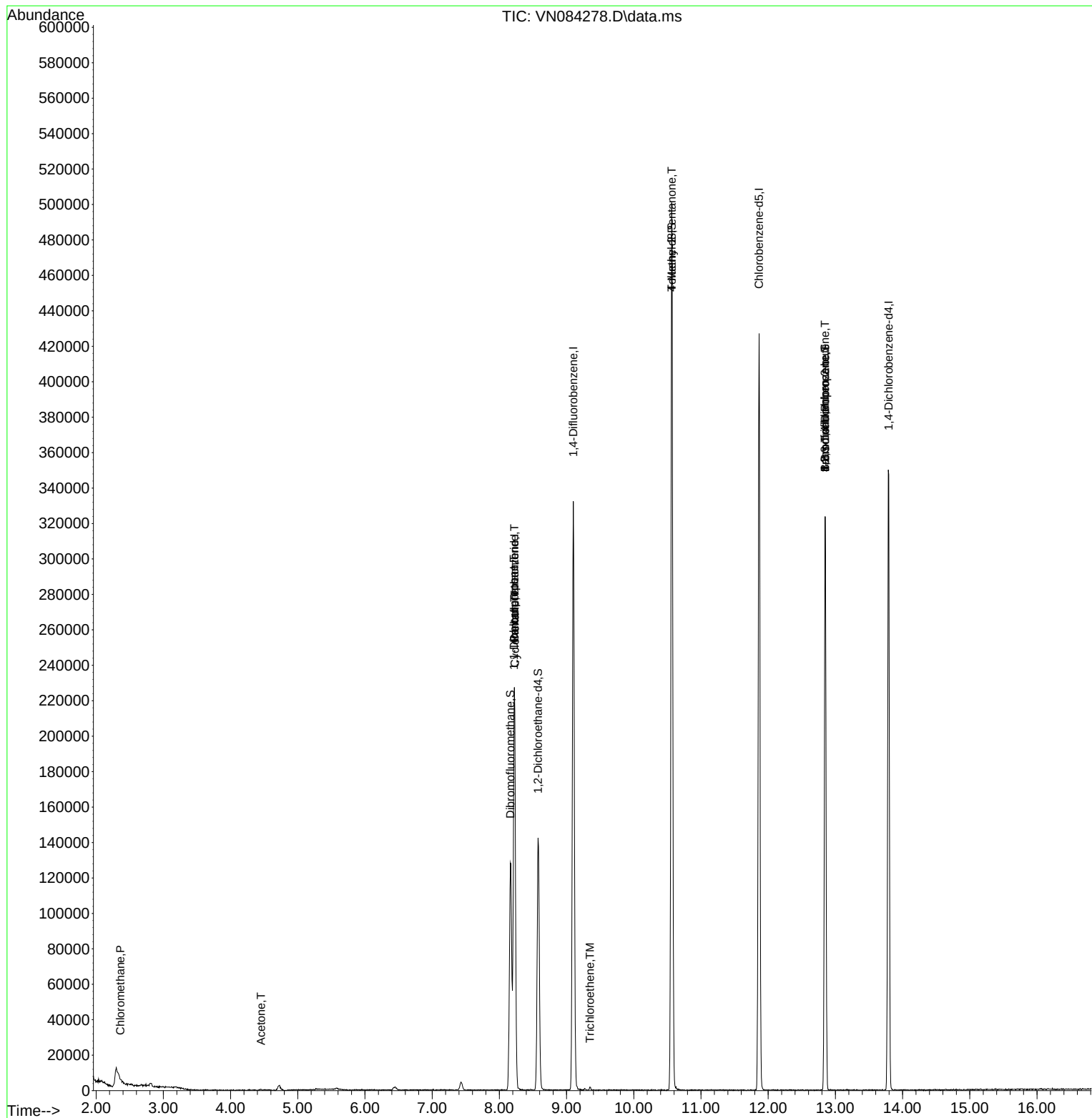
Target Compounds					Qvalue	
3) Chloromethane	2.359	50	780	0.359	ug/l #	41
16) Acetone	4.453	43	540	0.527	ug/l #	44
31) Cyclohexane	8.229	56	4052	1.147	ug/l #	23
36) 1,1-Dichloropropene	8.218	75	14396	5.390	ug/l #	49
38) Carbon Tetrachloride	8.224	117	17513	5.977	ug/l #	17
44) Trichloroethene	9.347	130	617	0.317	ug/l	52
51) 4-Methyl-2-Pentanone	10.565	43	1344	0.515	ug/l #	1
71) Bromoform	12.847	173	770	0.570	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	58277	30.693	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	58277	73.584	ug/l #	11

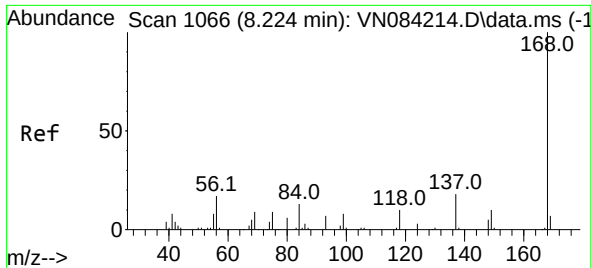
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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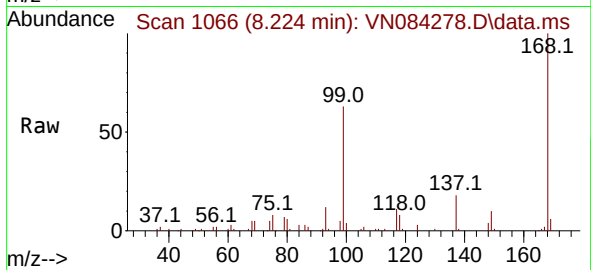
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
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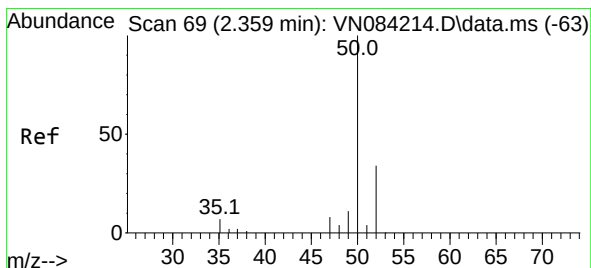
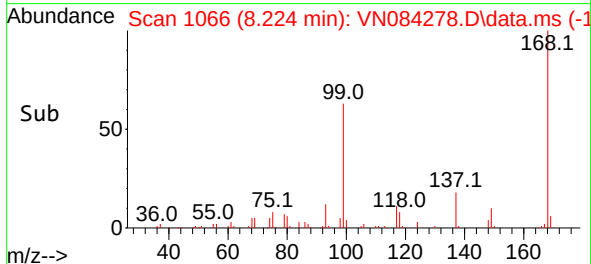
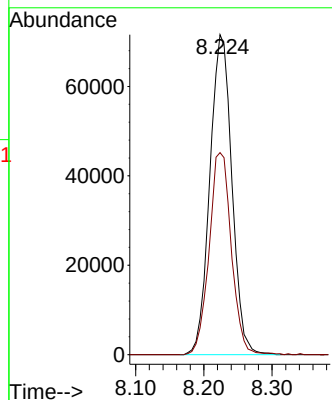


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084278.D
Acq: 02 Oct 2024 20:33

Instrument :
MSVOA_N
ClientSampleId :

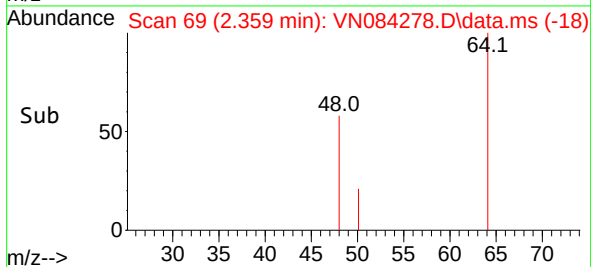
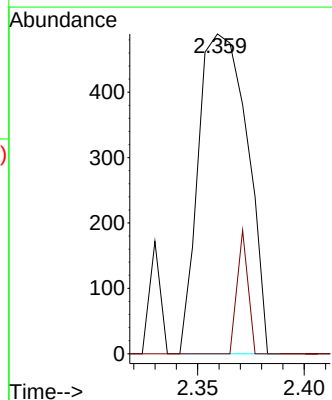
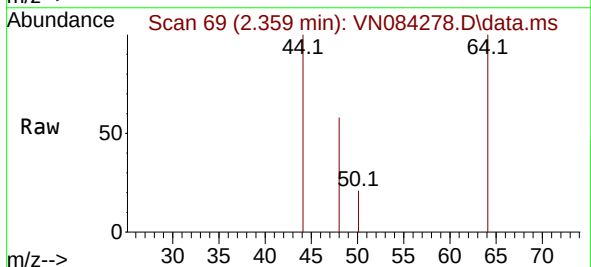


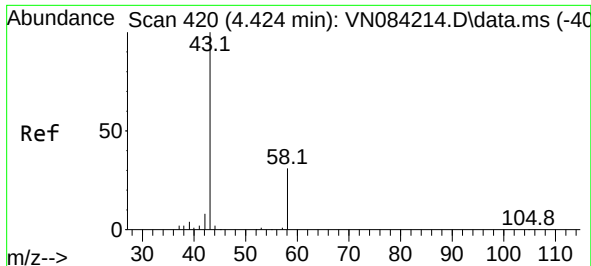
Tgt Ion:168 Resp: 160795
Ion Ratio Lower Upper
168 100
99 63.2 54.2 81.2



#3
Chloromethane
Concen: 0.359 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN084278.D
Acq: 02 Oct 2024 20:33

Tgt Ion: 50 Resp: 780
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#





#16

Acetone

Concen: 0.527 ug/l

RT: 4.453 min Scan# 41

Delta R.T. 0.029 min

Lab File: VN084278.D

Acq: 02 Oct 2024 20:33

Instrument :

MSVOA_N

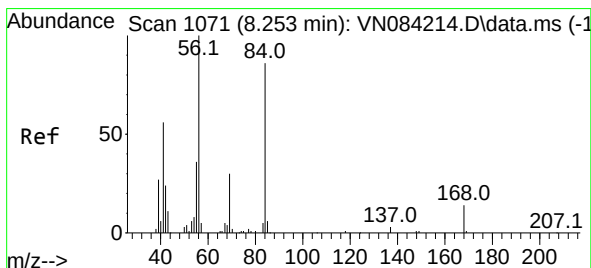
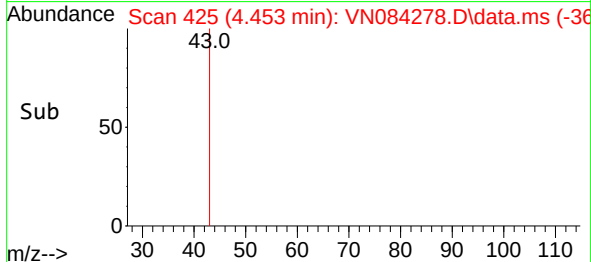
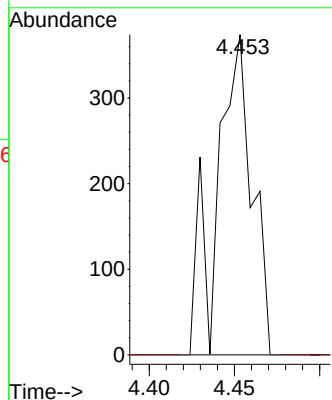
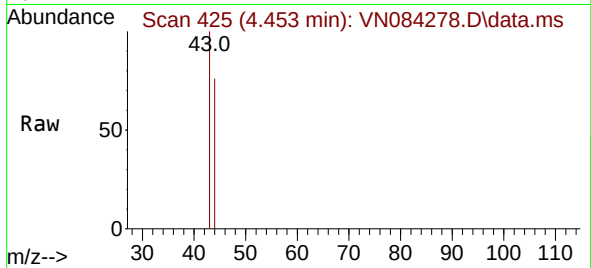
ClientSampleId :

Tgt Ion: 43 Resp: 540

Ion Ratio Lower Upper

43 100

58 0.0 24.4 36.6#



#31

Cyclohexane

Concen: 1.147 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.024 min

Lab File: VN084278.D

Acq: 02 Oct 2024 20:33

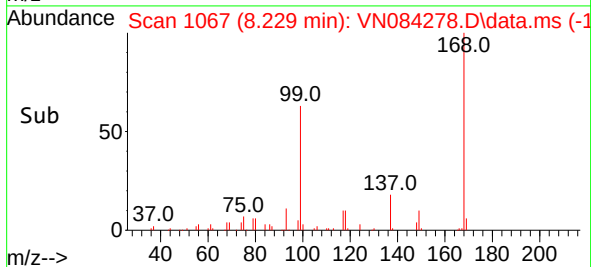
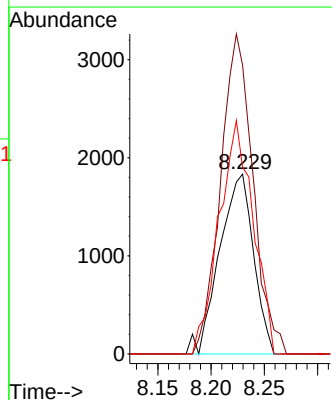
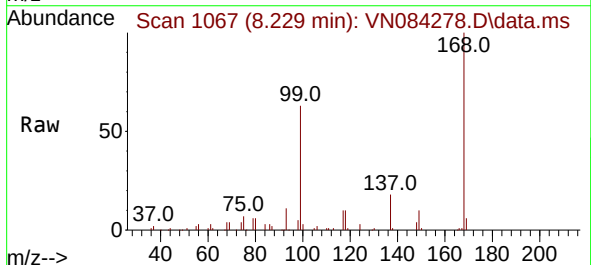
Tgt Ion: 56 Resp: 4052

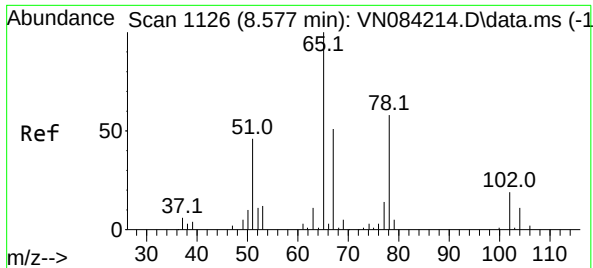
Ion Ratio Lower Upper

56 100

69 160.6 23.8 35.6#

84 103.7 68.8 103.2#

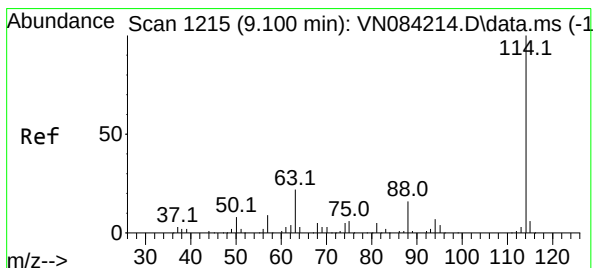
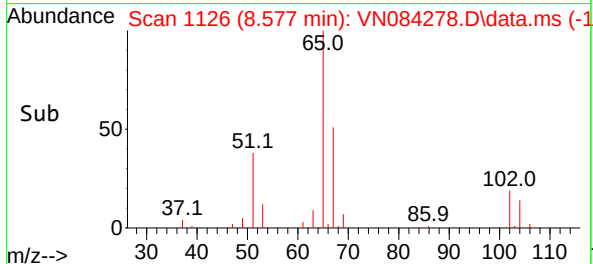
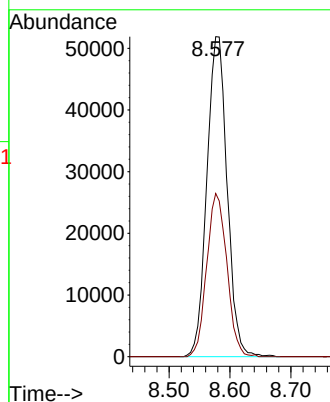
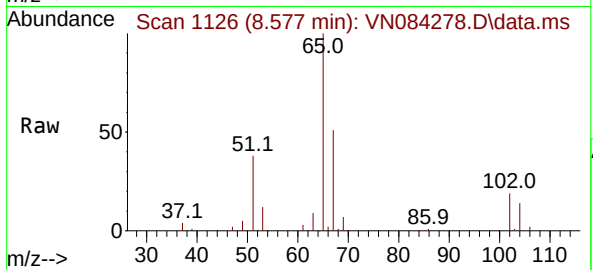




#33
1,2-Dichloroethane-d4
Concen: 50.243 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084278.D
Acq: 02 Oct 2024 20:33

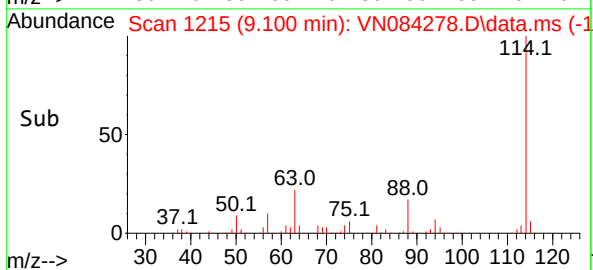
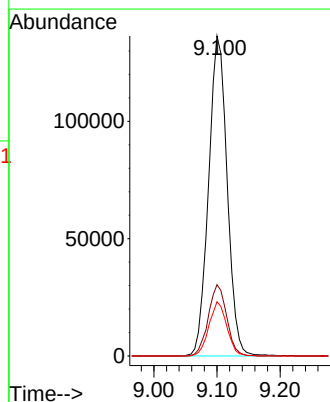
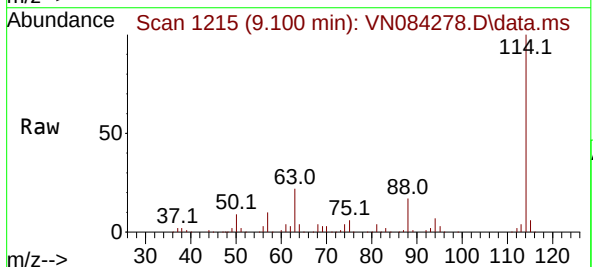
Instrument :
MSVOA_N
ClientSampleId :

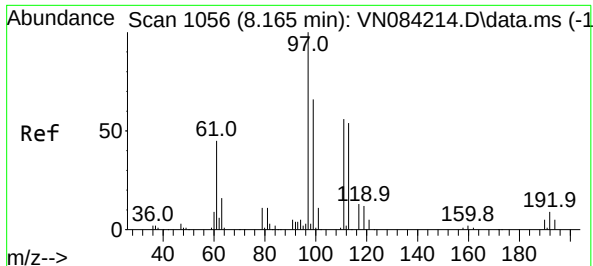
Tgt Ion: 65 Resp: 119784
Ion Ratio Lower Upper
65 100
67 50.7 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084278.D
Acq: 02 Oct 2024 20:33

Tgt Ion: 114 Resp: 278936
Ion Ratio Lower Upper
114 100
63 22.2 0.0 43.8
88 17.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 51.406 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084278.D

Acq: 02 Oct 2024 20:33

Instrument :

MSVOA_N

ClientSampleId :

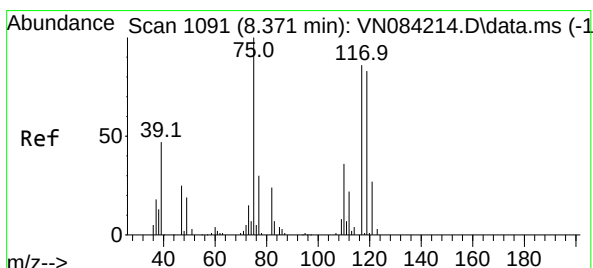
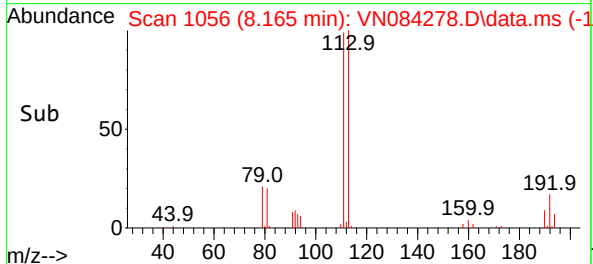
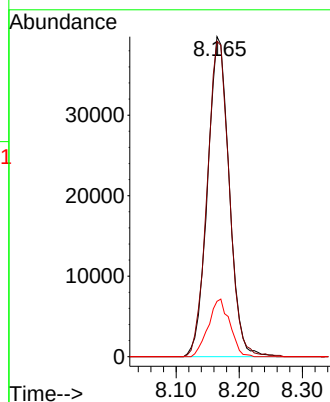
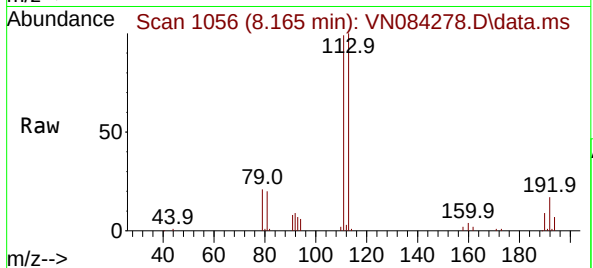
Tgt Ion:113 Resp: 94532

Ion Ratio Lower Upper

113 100

111 100.3 83.3 124.9

192 17.9 13.5 20.3



#36

1,1-Dichloropropene

Concen: 5.390 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN084278.D

Acq: 02 Oct 2024 20:33

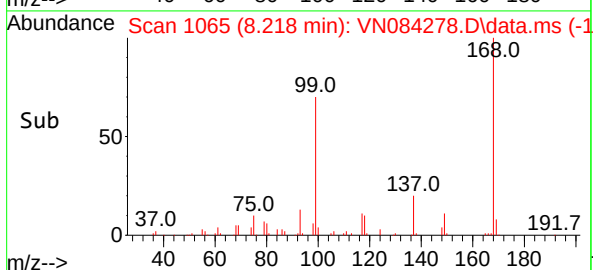
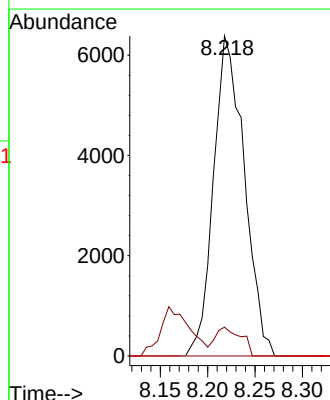
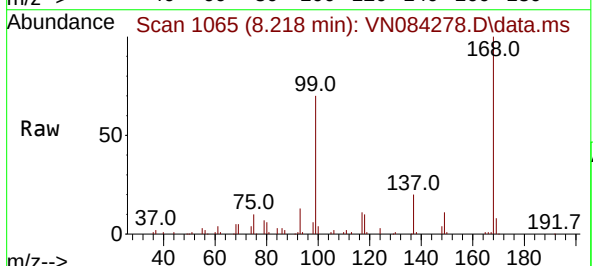
Tgt Ion: 75 Resp: 14396

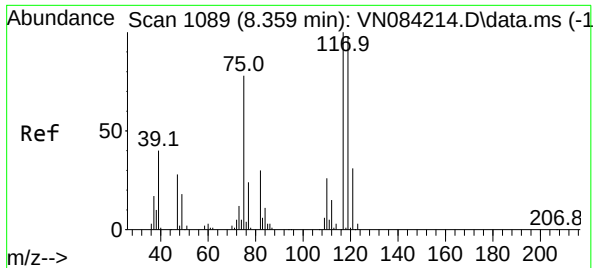
Ion Ratio Lower Upper

75 100

110 7.5 16.9 50.7#

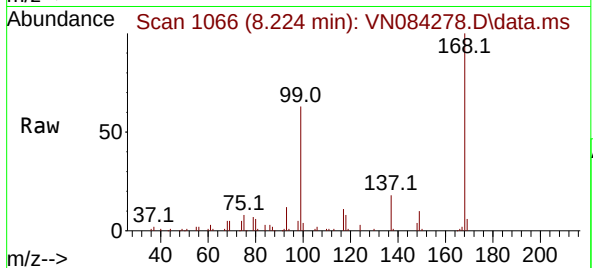
77 0.0 24.7 37.1#



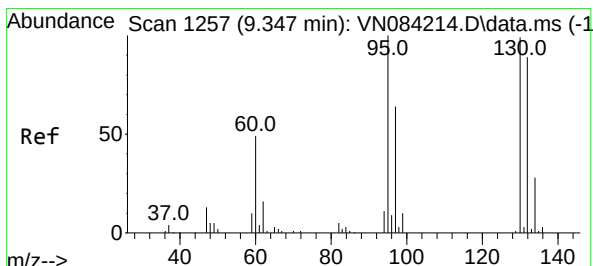
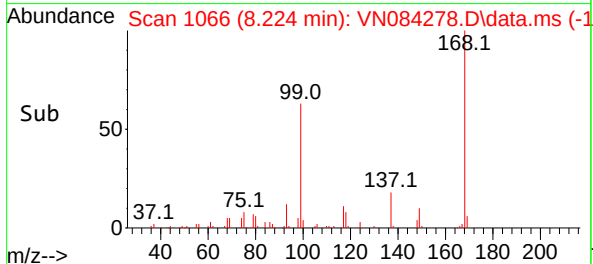
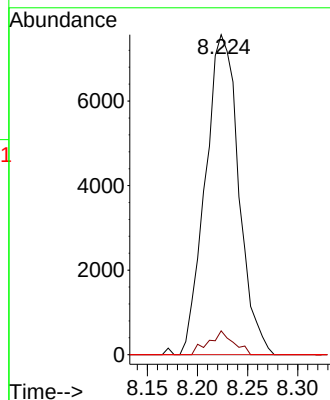


#38
Carbon Tetrachloride
Concen: 5.977 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084278.D
Acq: 02 Oct 2024 20:33

Instrument :
MSVOA_N
ClientSampleId :

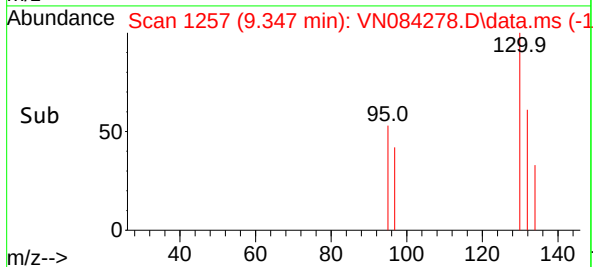
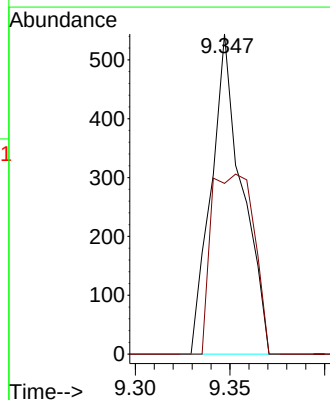
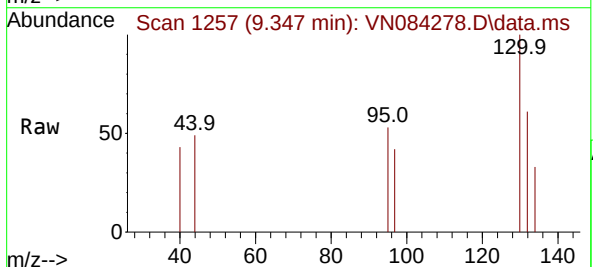


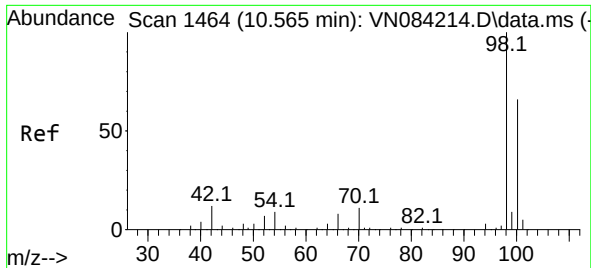
Tgt Ion:117 Resp: 17513
Ion Ratio Lower Upper
117 100
119 7.5 78.7 118.1#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.317 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN084278.D
Acq: 02 Oct 2024 20:33

Tgt Ion:130 Resp: 617
Ion Ratio Lower Upper
130 100
95 53.3 0.0 203.0

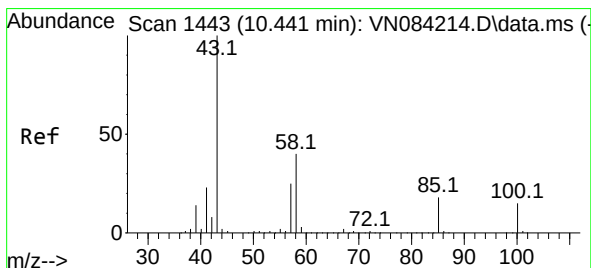
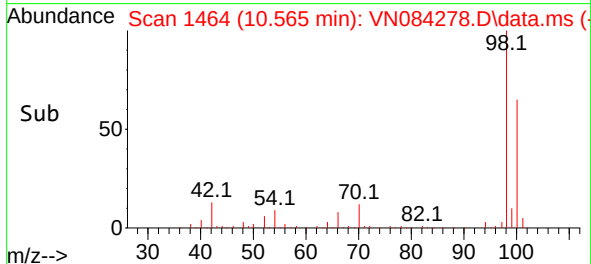
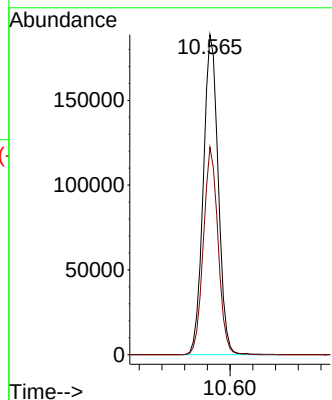
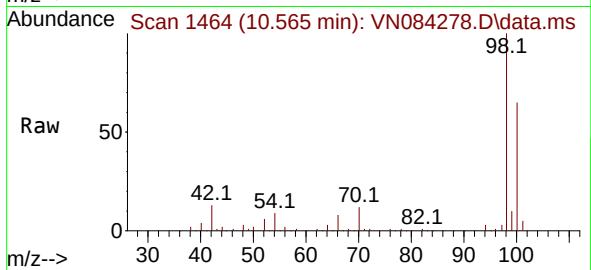




#50
Toluene-d8
Concen: 50.750 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084278.D
Acq: 02 Oct 2024 20:33

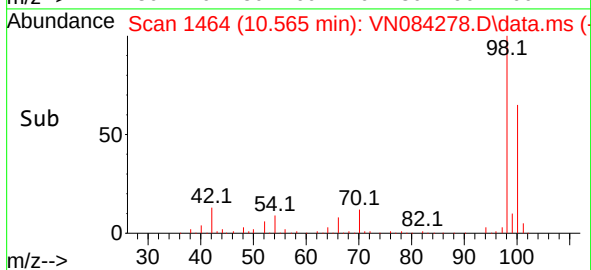
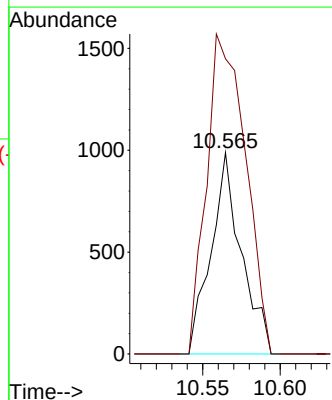
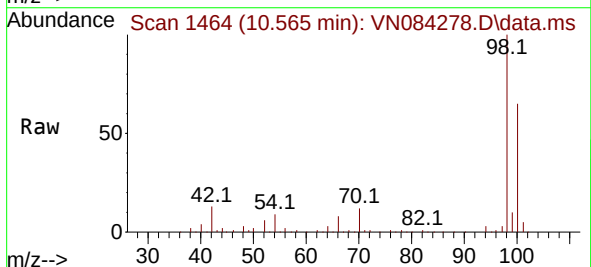
Instrument :
MSVOA_N
ClientSampleId :

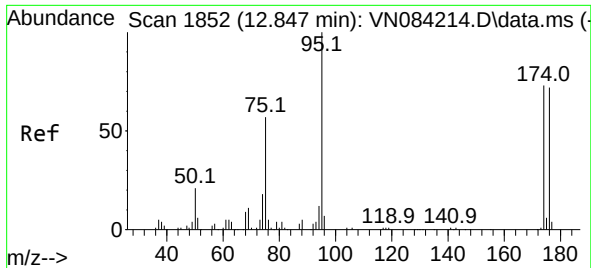
Tgt Ion: 98 Resp: 343354
Ion Ratio Lower Upper
98 100
100 63.7 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.515 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.123 min
Lab File: VN084278.D
Acq: 02 Oct 2024 20:33

Tgt Ion: 43 Resp: 1344
Ion Ratio Lower Upper
43 100
58 204.3 31.6 47.4#

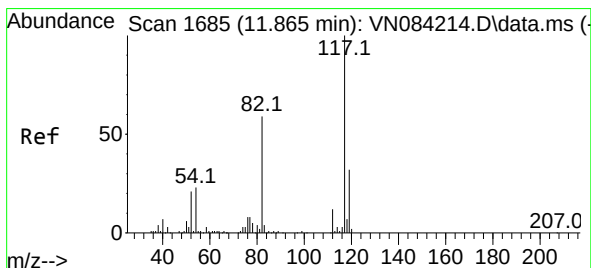
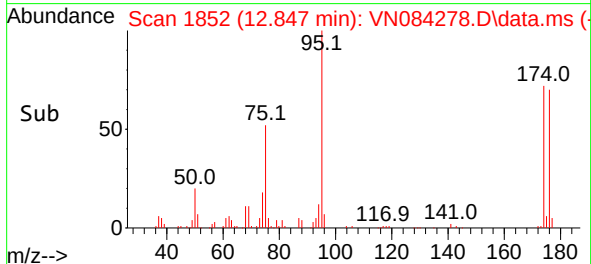
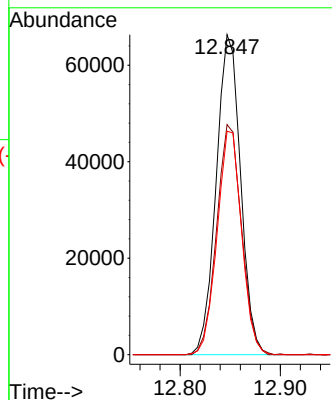
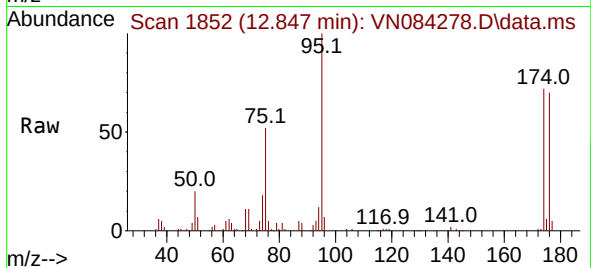




#62
4-Bromofluorobenzene
Concen: 45.491 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084278.D
Acq: 02 Oct 2024 20:33

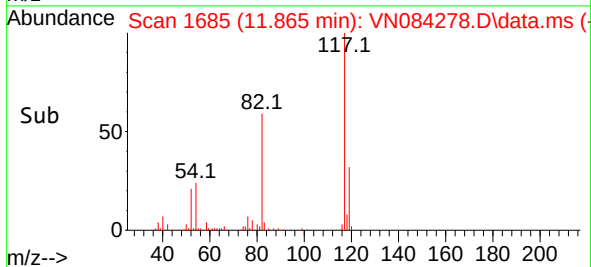
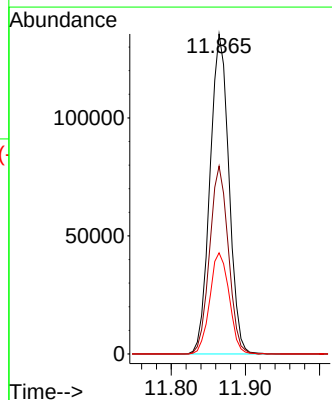
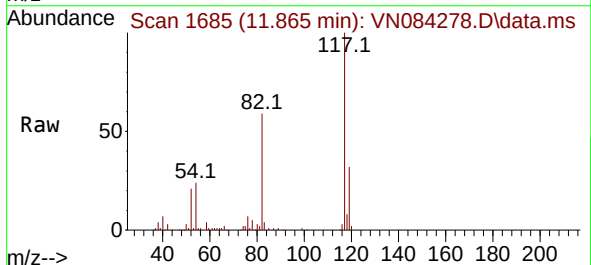
Instrument :
MSVOA_N
ClientSampleId :

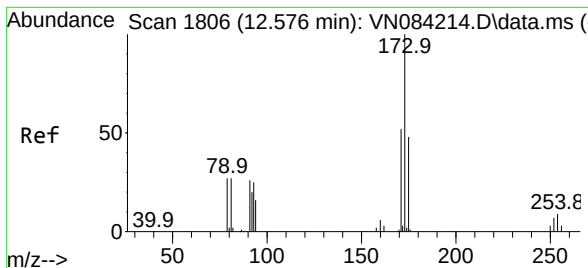
Tgt Ion: 95 Resp: 112124
Ion Ratio Lower Upper
95 100
174 73.2 0.0 145.2
176 70.3 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084278.D
Acq: 02 Oct 2024 20:33

Tgt Ion: 117 Resp: 240307
Ion Ratio Lower Upper
117 100
82 58.7 47.2 70.8
119 31.6 25.4 38.0





#71

Bromoform

Concen: 0.570 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.270 min

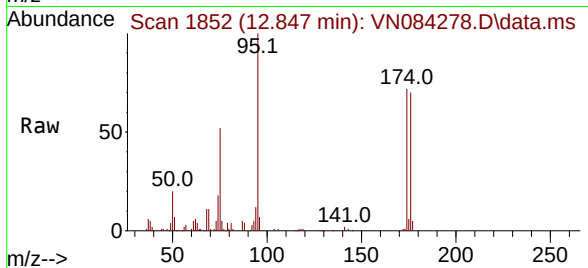
Lab File: VN084278.D

Acq: 02 Oct 2024 20:33

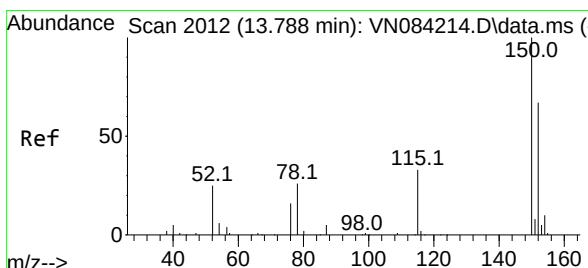
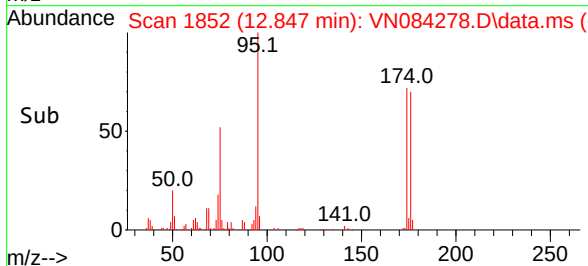
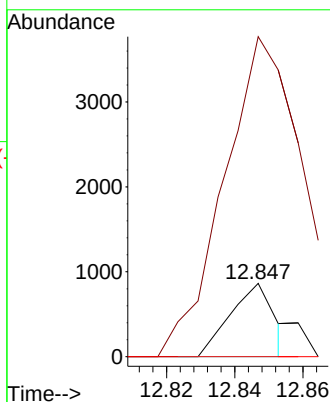
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	770
Ion Ratio	Lower	Upper	
173	100		
175	584.7	23.5	70.6#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

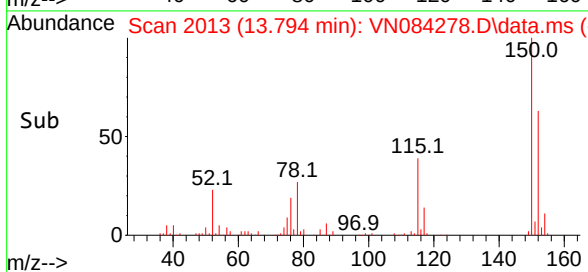
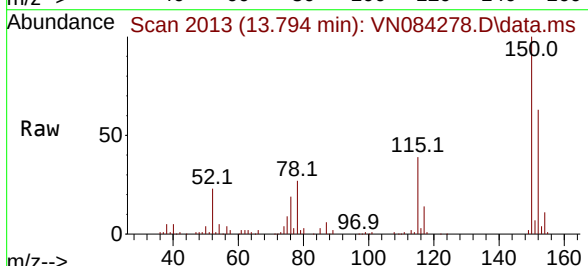
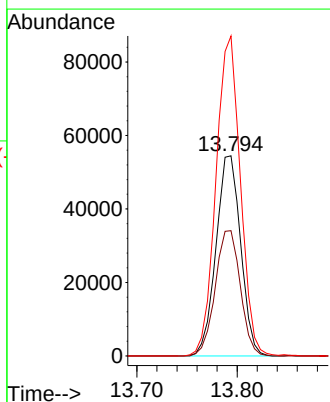
RT: 13.794 min Scan# 2013

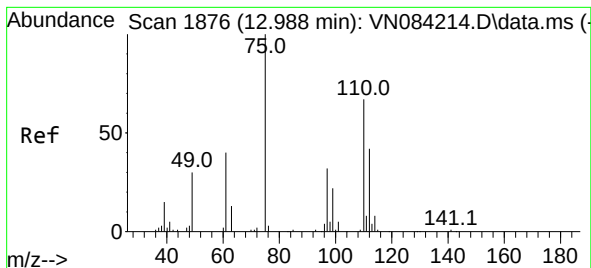
Delta R.T. 0.006 min

Lab File: VN084278.D

Acq: 02 Oct 2024 20:33

Tgt Ion:	152	Resp:	93005
Ion Ratio	Lower	Upper	
152	100		
115	63.6	31.3	93.9
150	158.3	0.0	349.8





#76

1,2,3-Trichloropropane

Concen: 30.693 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN084278.D

Acq: 02 Oct 2024 20:33

Instrument :

MSVOA_N

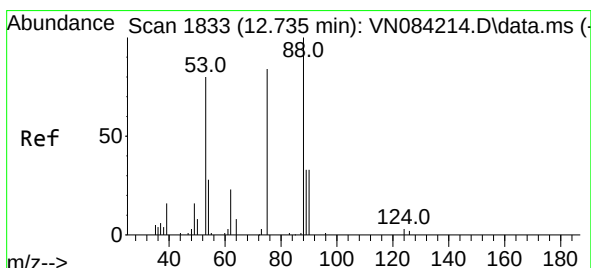
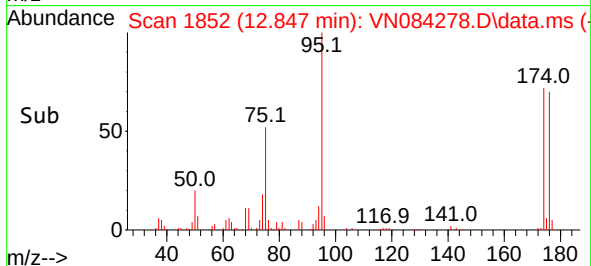
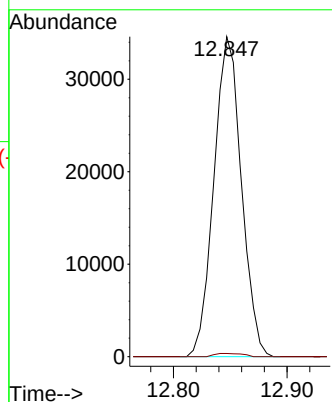
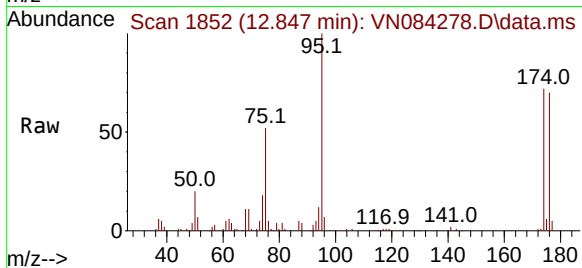
ClientSampleId :

Tgt Ion: 75 Resp: 58277

Ion Ratio Lower Upper

75 100

77 1.0 96.9 290.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 73.584 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN084278.D

Acq: 02 Oct 2024 20:33

Tgt Ion: 75 Resp: 58277

Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 0.0 35.5 53.3#

