

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100924\
 Data File : VN084372.D
 Acq On : 09 Oct 2024 17:08
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 10 01:24:08 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)

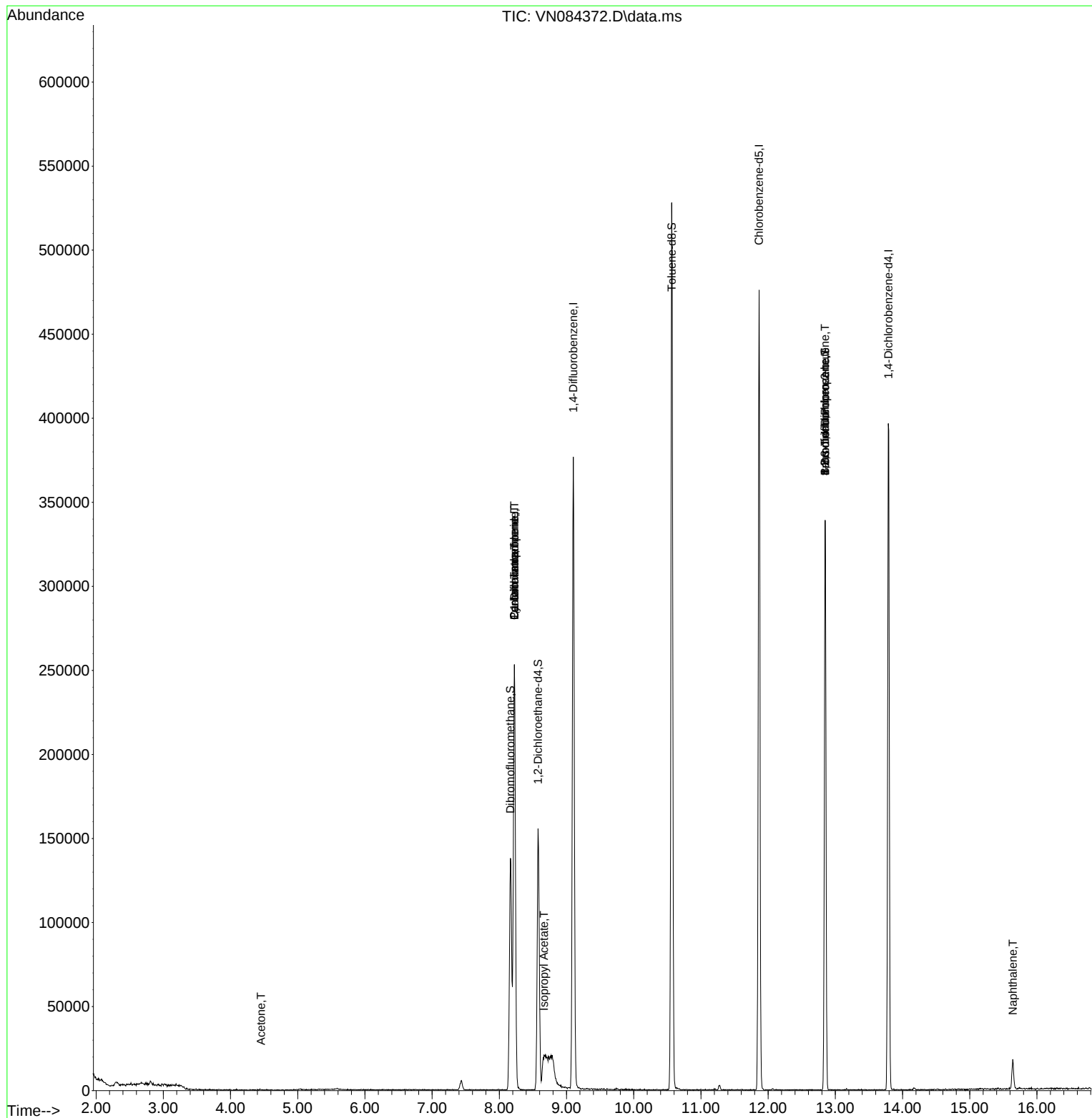
Internal Standards						
1) Pentafluorobenzene	8.224	168	177619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	315206	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	262364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	106705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125567	47.680	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.360%
35) Dibromofluoromethane	8.165	113	100365	48.298	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.600%
50) Toluene-d8	10.565	98	368461	48.194	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.380%
62) 4-Bromofluorobenzene	12.847	95	119111	42.765	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	85.520%
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	772	0.682	ug/l #	44
31) Cyclohexane	8.224	56	4347	1.114	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	16197	5.366	ug/l #	51
38) Carbon Tetrachloride	8.224	117	19967	6.030	ug/l #	14
43) Isopropyl Acetate	8.665	43	17464	2.879	ug/l #	57
71) Bromoform	12.847	173	808	0.548	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	61697	28.322	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	61697	67.901	ug/l #	11
95) Naphthalene	15.641	128	17431	2.955	ug/l	98

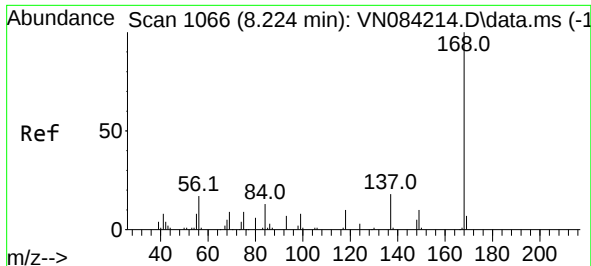
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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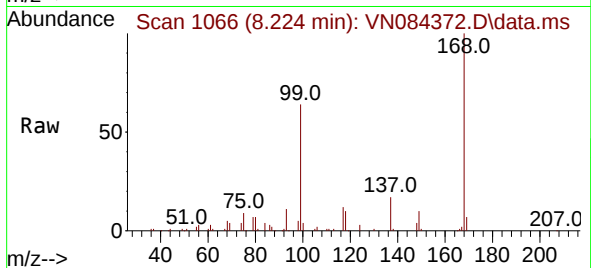
Quant Time: Oct 10 01:24:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
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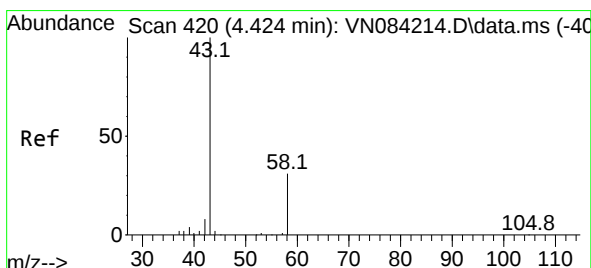
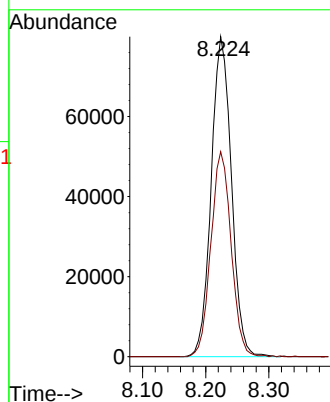
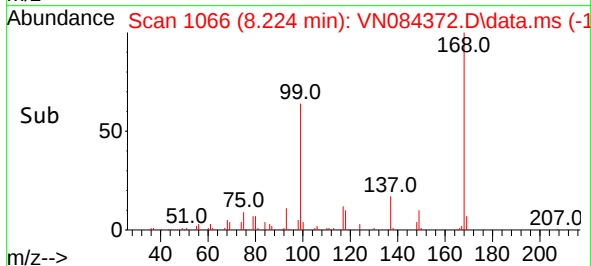


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084372.D
Acq: 09 Oct 2024 17:08

Instrument :
MSVOA_N
ClientSampleId :

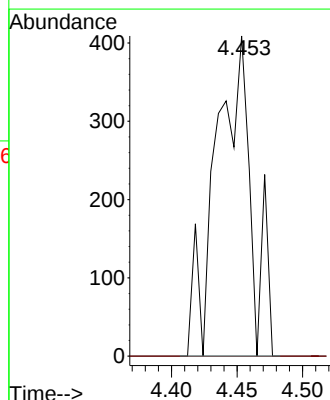
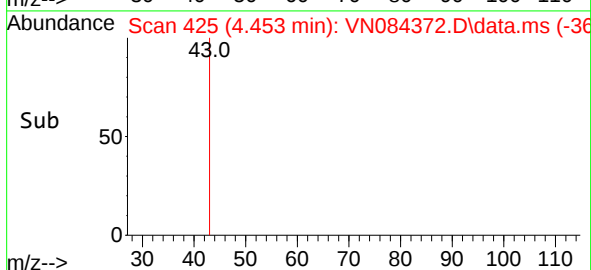
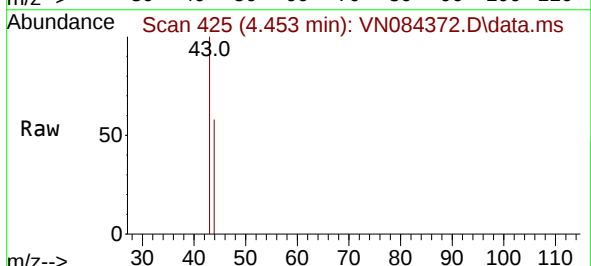


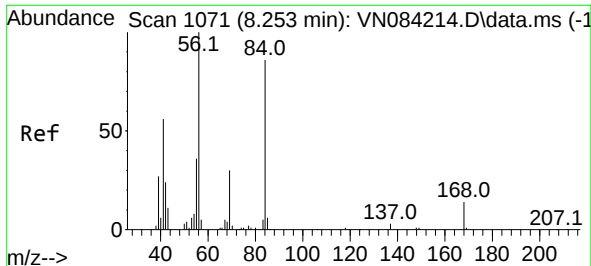
Tgt Ion:168 Resp: 177619
Ion Ratio Lower Upper
168 100
99 64.0 54.2 81.2



#16
Acetone
Concen: 0.682 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.030 min
Lab File: VN084372.D
Acq: 09 Oct 2024 17:08

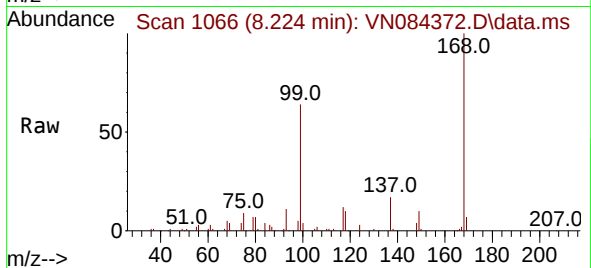
Tgt Ion: 43 Resp: 772
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



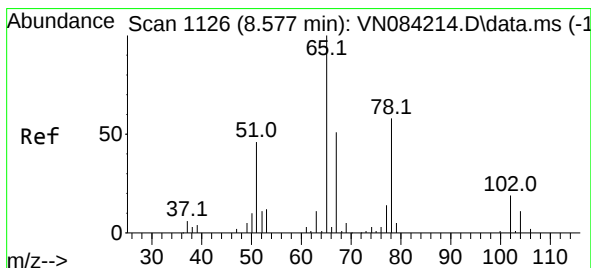
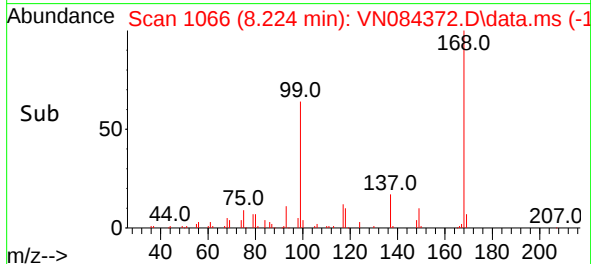
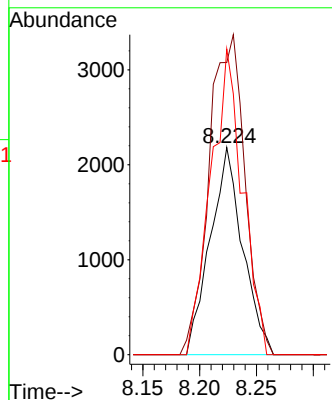


#31
Cyclohexane
Concen: 1.114 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084372.D
Acq: 09 Oct 2024 17:08

Instrument :
MSVOA_N
ClientSampleId :

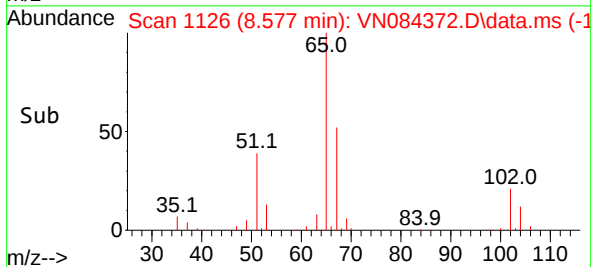
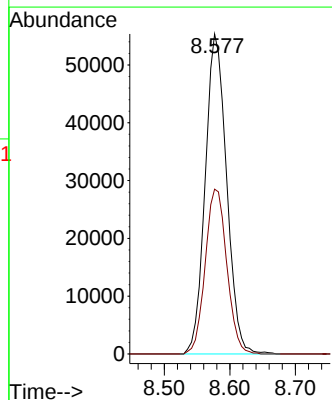
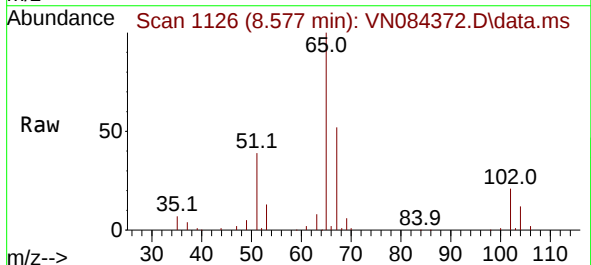


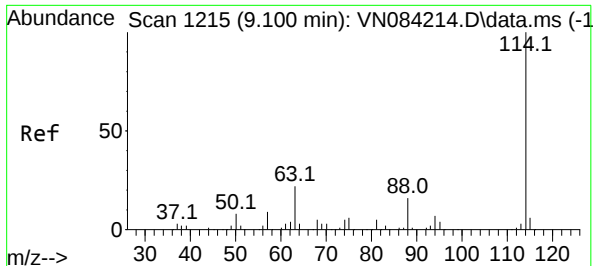
Tgt Ion: 56 Resp: 4347
Ion Ratio Lower Upper
56 100
69 141.0 23.8 35.6#
84 147.5 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 47.680 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084372.D
Acq: 09 Oct 2024 17:08

Tgt Ion: 65 Resp: 125567
Ion Ratio Lower Upper
65 100
67 51.9 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: VN084372.D

Acq: 09 Oct 2024 17:08

Instrument :

MSVOA_N

ClientSampleId :

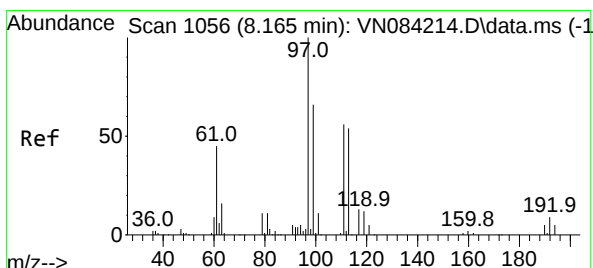
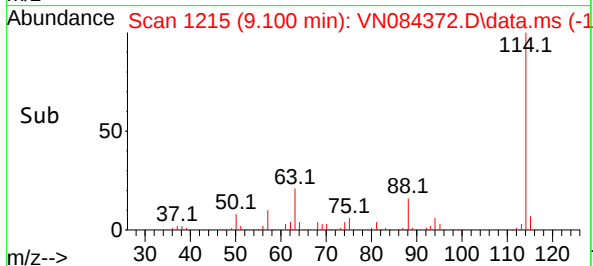
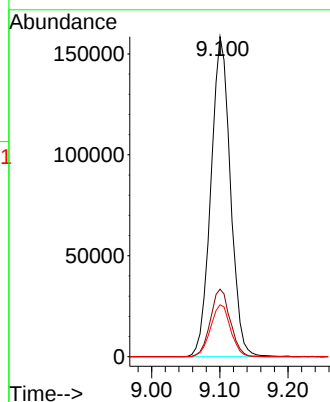
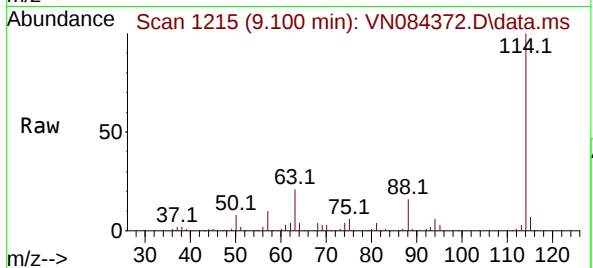
Tgt Ion:114 Resp: 315206

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.8

88 16.2 0.0 31.6



#35

Dibromofluoromethane

Concen: 48.298 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084372.D

Acq: 09 Oct 2024 17:08

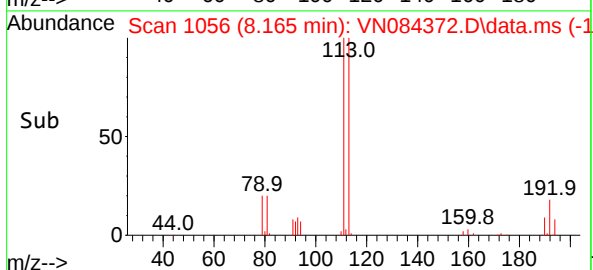
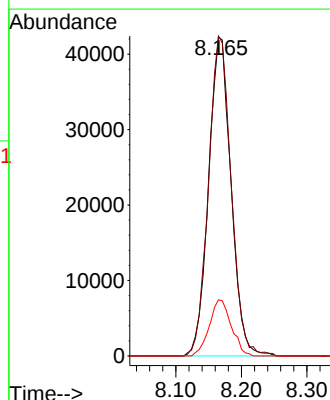
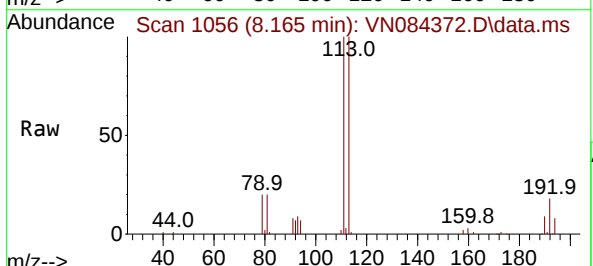
Tgt Ion:113 Resp: 100365

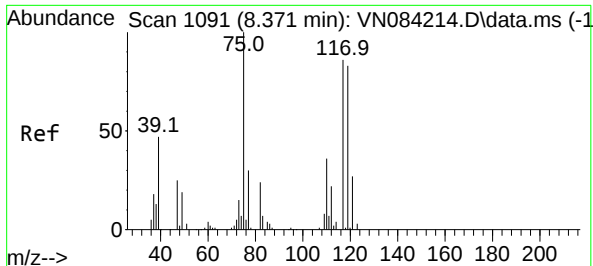
Ion Ratio Lower Upper

113 100

111 101.3 83.3 124.9

192 17.3 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.366 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084372.D

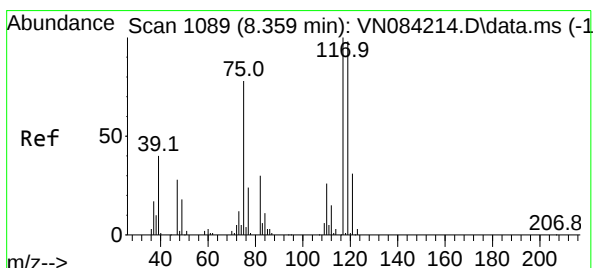
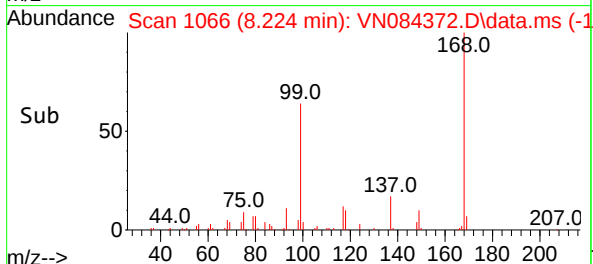
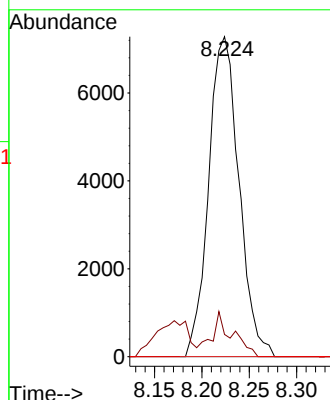
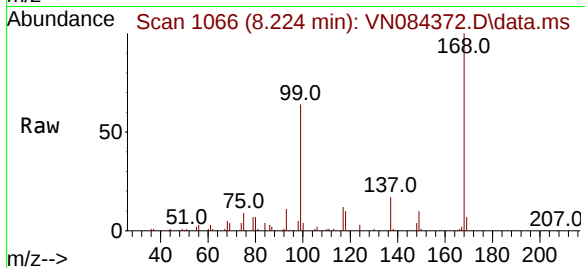
Acq: 09 Oct 2024 17:08

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	16197
Ion Ratio	Lower	Upper	
75	100		
110	9.6	16.9	50.7#
77	0.0	24.7	37.1#



#38

Carbon Tetrachloride

Concen: 6.030 ug/l

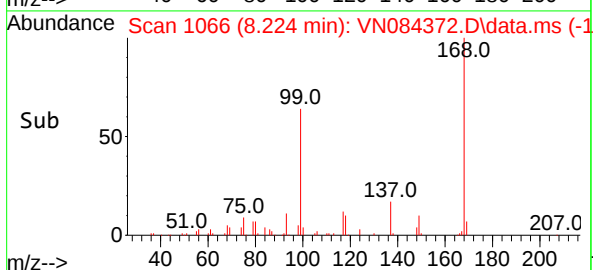
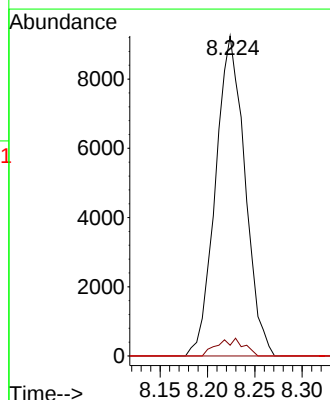
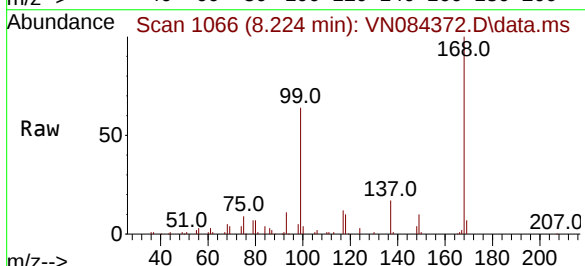
RT: 8.224 min Scan# 1066

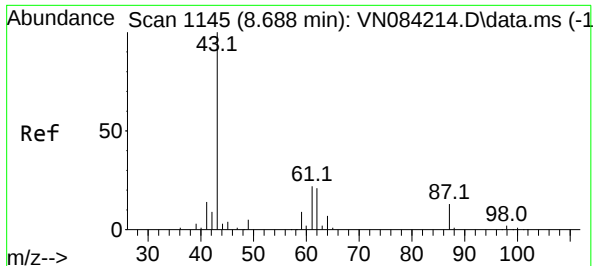
Delta R.T. -0.135 min

Lab File: VN084372.D

Acq: 09 Oct 2024 17:08

Tgt Ion:	117	Resp:	19967
Ion Ratio	Lower	Upper	
117	100		
119	3.3	78.7	118.1#
121	0.0	24.4	36.6#





#43

Isopropyl Acetate

Concen: 2.879 ug/l

RT: 8.665 min Scan# 1141

Delta R.T. -0.023 min

Lab File: VN084372.D

Acq: 09 Oct 2024 17:08

Instrument :

MSVOA_N

ClientSampleId :

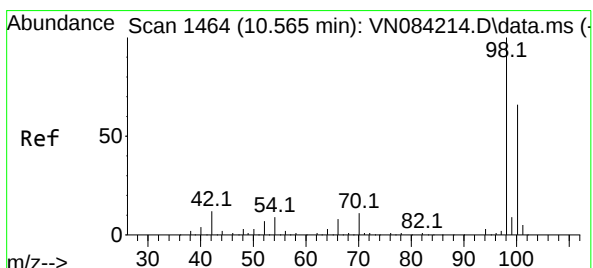
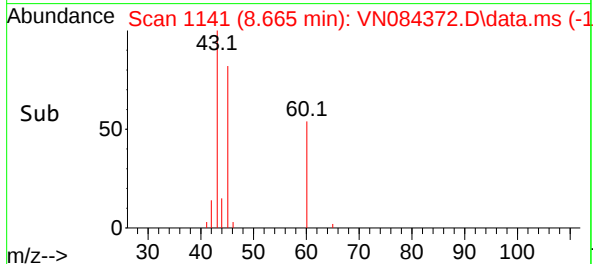
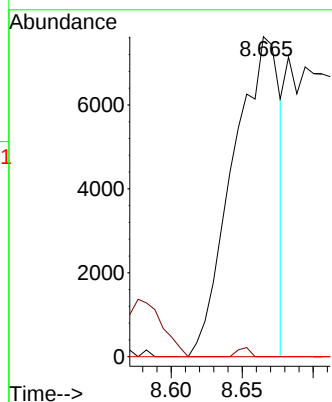
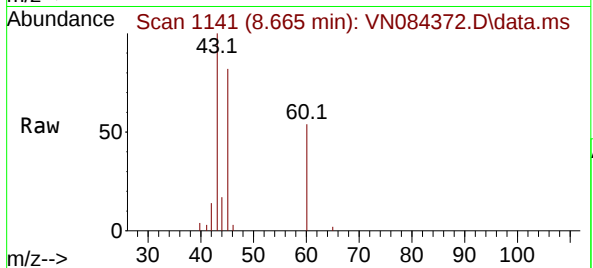
Tgt Ion: 43 Resp: 17464

Ion Ratio Lower Upper

43 100

61 0.8 20.4 30.6#

87 0.0 10.3 15.5#



#50

Toluene-d8

Concen: 48.194 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084372.D

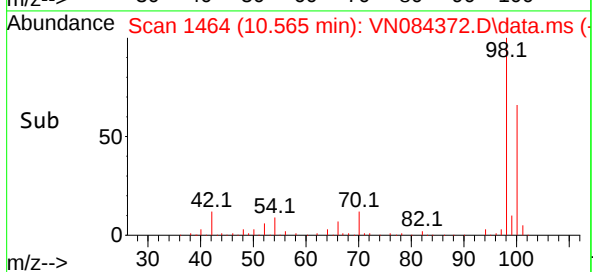
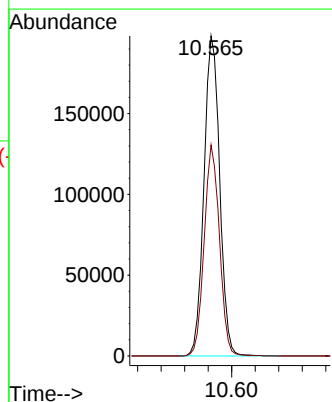
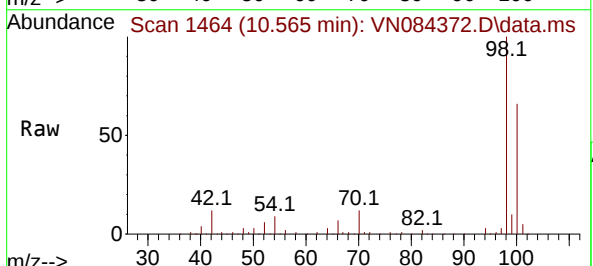
Acq: 09 Oct 2024 17:08

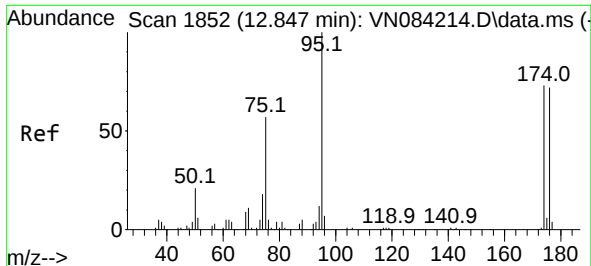
Tgt Ion: 98 Resp: 368461

Ion Ratio Lower Upper

98 100

100 64.1 52.7 79.1





#62

4-Bromofluorobenzene

Concen: 42.765 ug/l

RT: 12.847 min Scan# 119111

Delta R.T. 0.000 min

Lab File: VN084372.D

Acq: 09 Oct 2024 17:08

Instrument :

MSVOA_N

ClientSampleId :

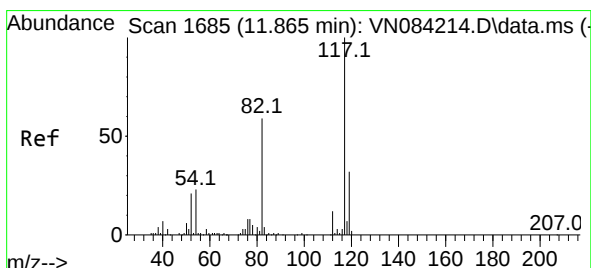
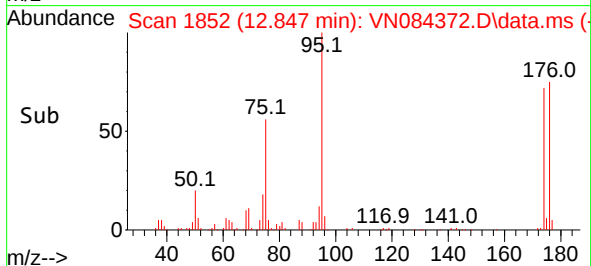
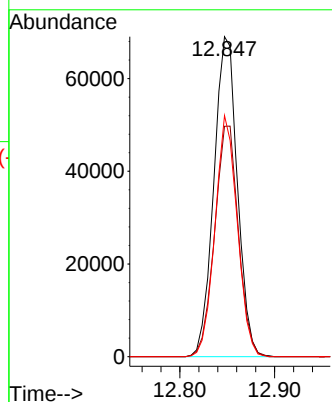
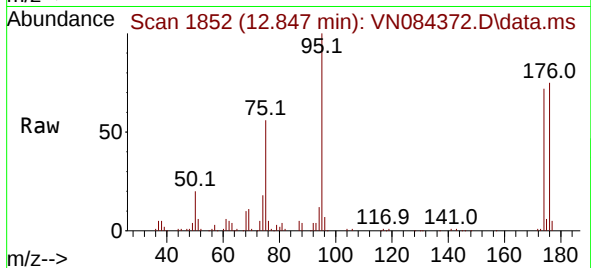
Tgt Ion: 95 Resp: 119111

Ion Ratio Lower Upper

95 100

174 73.0 0.0 145.2

176 71.3 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: VN084372.D

Acq: 09 Oct 2024 17:08

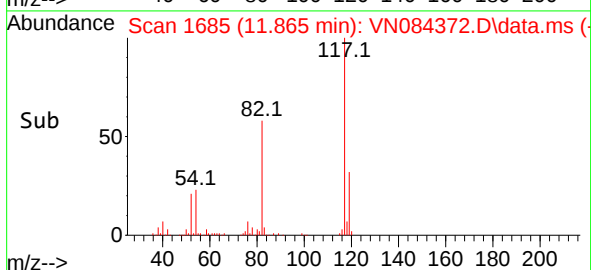
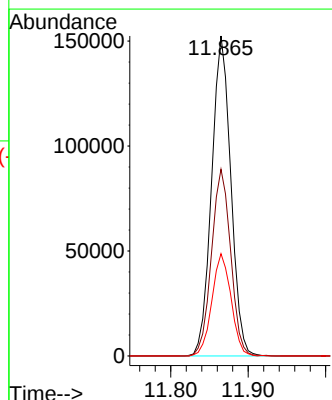
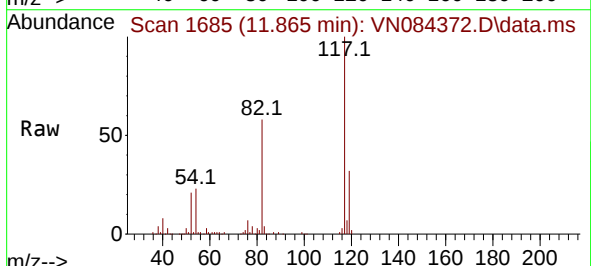
Tgt Ion: 117 Resp: 262364

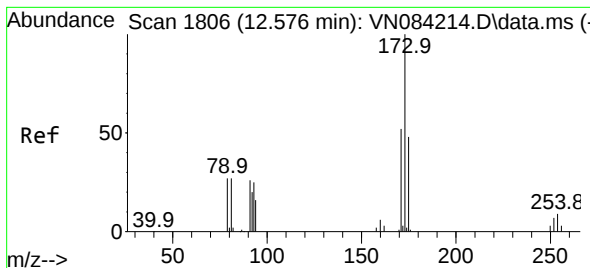
Ion Ratio Lower Upper

117 100

82 58.4 47.2 70.8

119 32.0 25.4 38.0





#71

Bromoform

Concen: 0.548 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.271 min

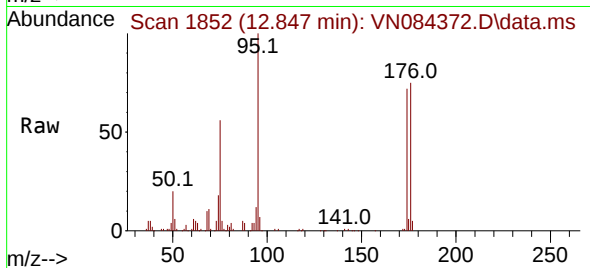
Lab File: VN084372.D

Acq: 09 Oct 2024 17:08

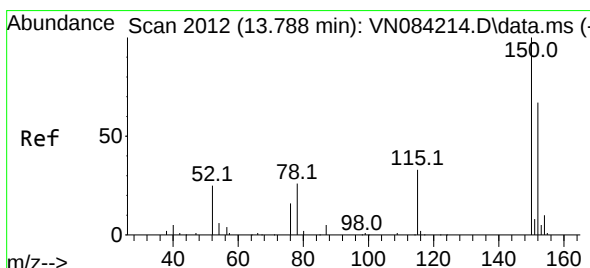
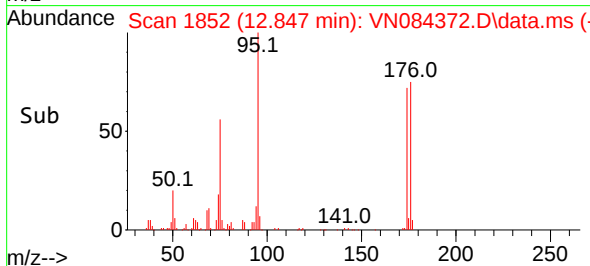
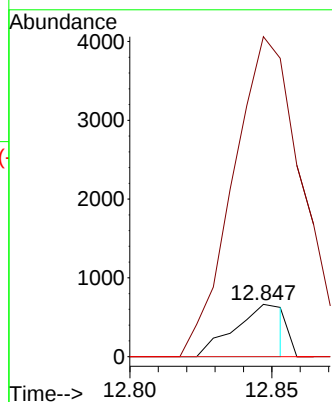
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	808
Ion Ratio	Lower	Upper	
173	100		
175	631.2	23.5	70.6#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

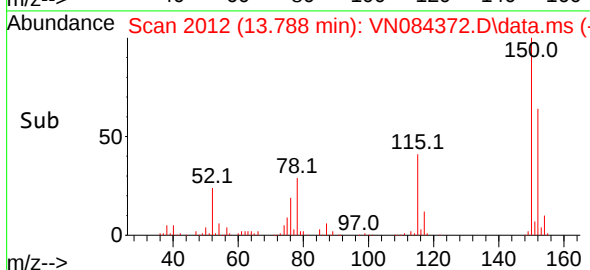
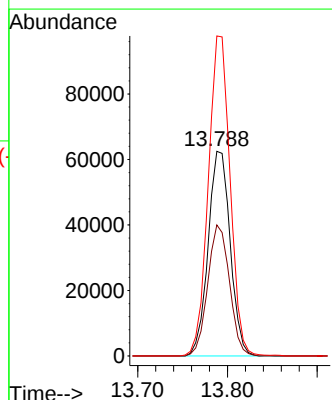
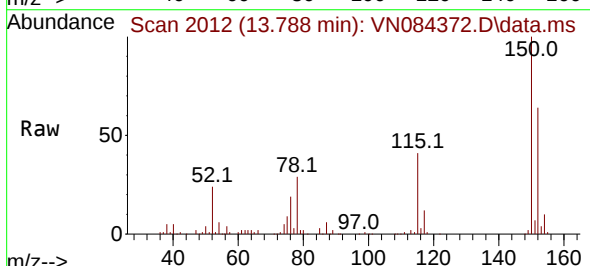
RT: 13.788 min Scan# 2012

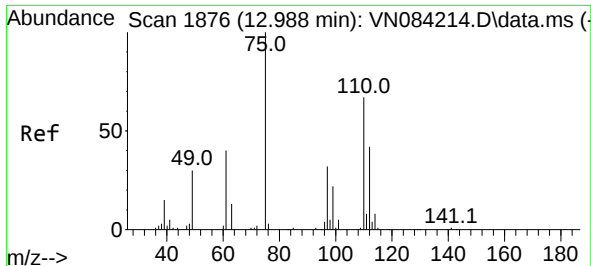
Delta R.T. 0.000 min

Lab File: VN084372.D

Acq: 09 Oct 2024 17:08

Tgt Ion:	152	Resp:	106705
Ion Ratio	Lower	Upper	
152	100		
115	63.0	31.3	93.9
150	154.5	0.0	349.8

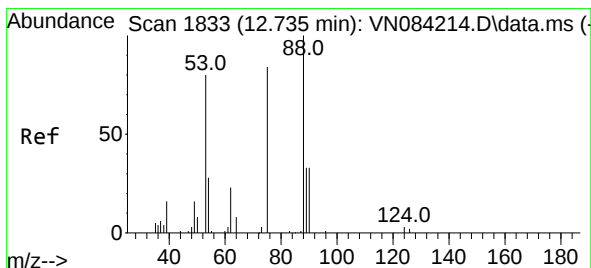
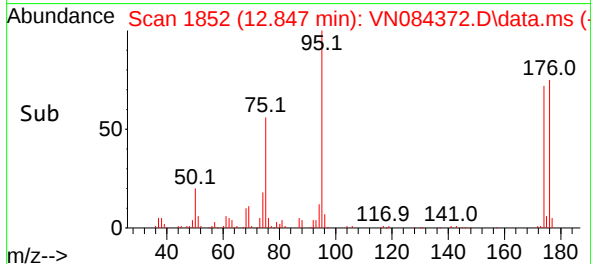
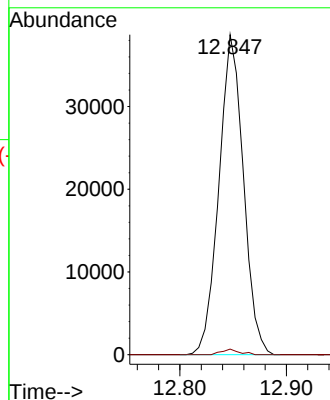
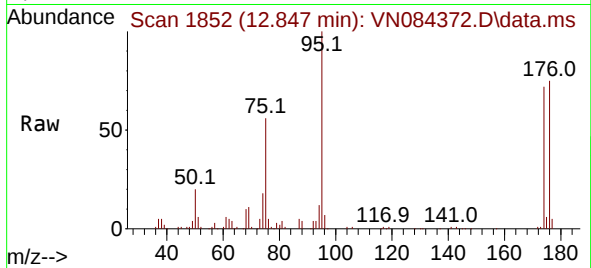




#76
1,2,3-Trichloropropane
Concen: 28.322 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084372.D
Acq: 09 Oct 2024 17:08

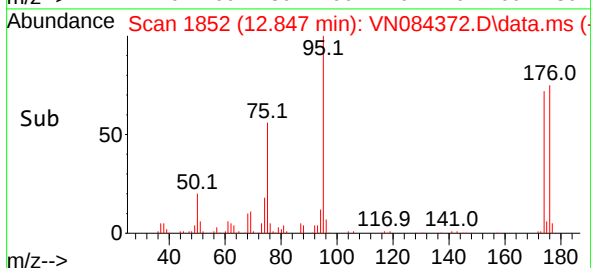
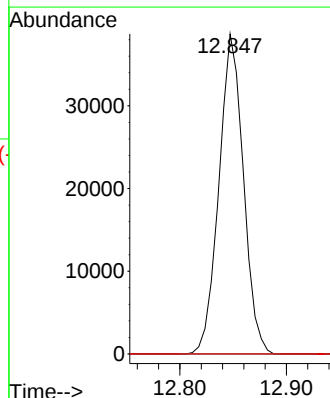
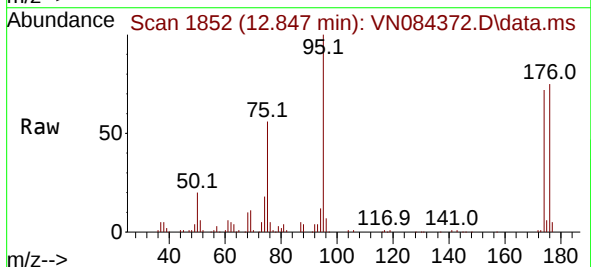
Instrument :
MSVOA_N
ClientSampleId :

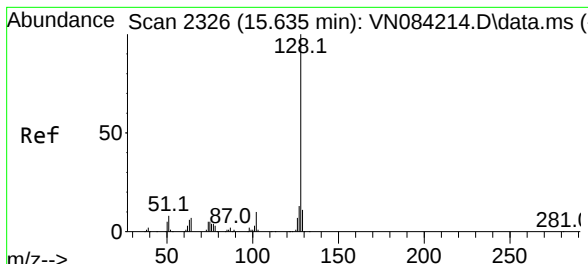
Tgt Ion: 75 Resp: 61697
Ion Ratio Lower Upper
75 100
77 1.2 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.901 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084372.D
Acq: 09 Oct 2024 17:08

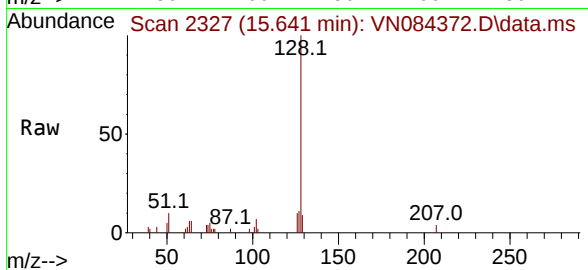
Tgt Ion: 75 Resp: 61697
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#





#95
 Naphthalene
 Concen: 2.955 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN084372.D
 Acq: 09 Oct 2024 17:08

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	128	Resp:	17431
Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.5	15.7
129	10.4	8.7	13.1

