

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102424\
 Data File : VN084478.D
 Acq On : 24 Oct 2024 10:42
 Operator : JC\MD
 Sample : VN1024WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 25 01:55:33 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)

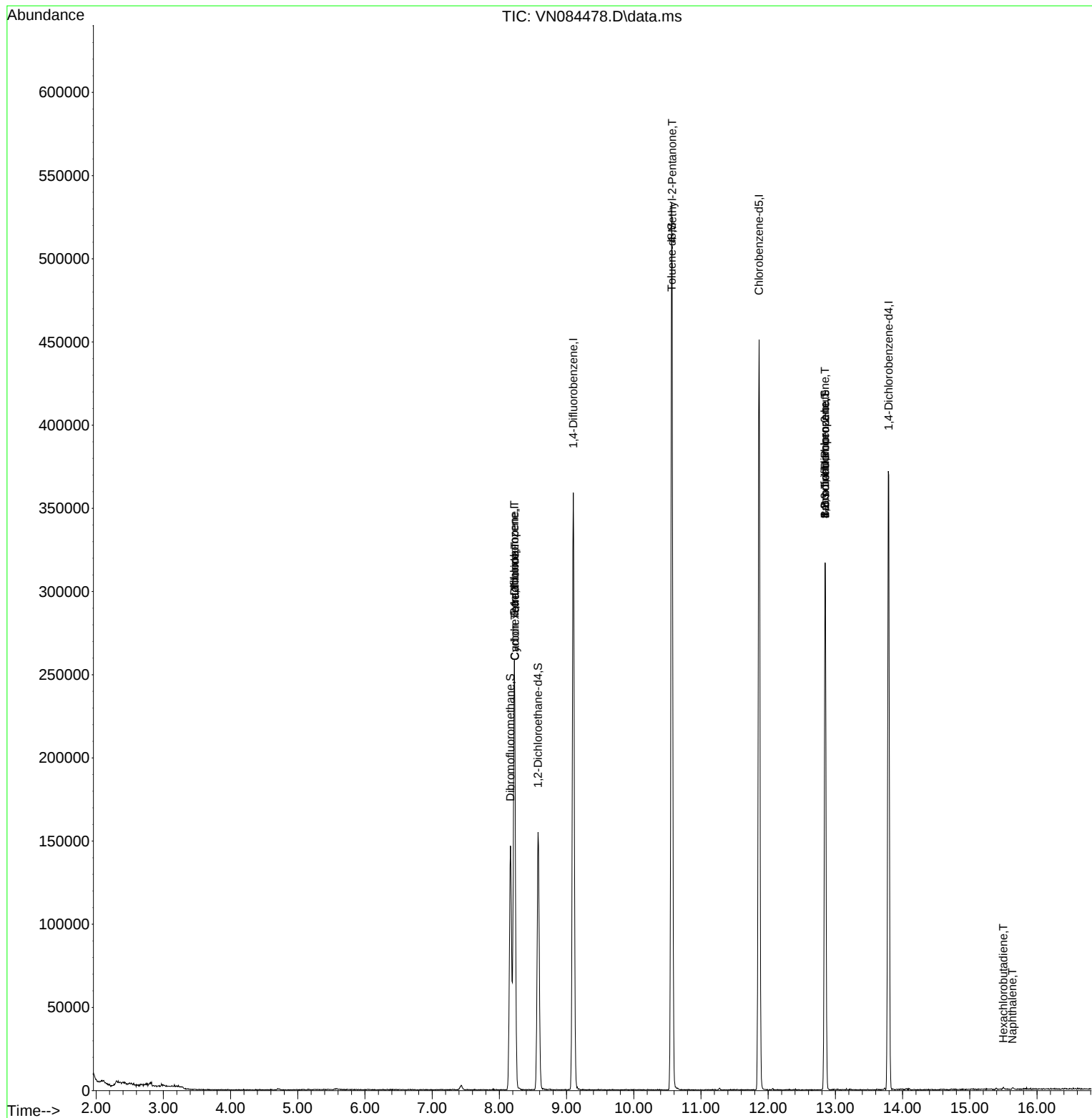
Internal Standards						
1) Pentafluorobenzene	8.224	168	178165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	302564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	259401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	101906	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	127572	48.293	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.580%
35) Dibromofluoromethane	8.165	113	104023	52.150	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.300%
50) Toluene-d8	10.565	98	364872	49.719	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.440%
62) 4-Bromofluorobenzene	12.847	95	113388	42.411	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	84.820%
Target Compounds						
					Qvalue	
31) Cyclohexane	8.230	56	4365	1.116	ug/l #	7
36) 1,1-Dichloropropene	8.224	75	15463	5.337	ug/l #	51
38) Carbon Tetrachloride	8.230	117	20066	6.314	ug/l #	17
51) 4-Methyl-2-Pentanone	10.571	43	1689	0.597	ug/l #	1
71) Bromoform	12.847	173	771	0.529	ug/l #	30
76) 1,2,3-Trichloropropane	12.847	75	57994	27.876	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	57994	66.831	ug/l #	11
94) Hexachlorobutadiene	15.500	225	427	0.504	ug/l #	41
95) Naphthalene	15.635	128	1359	0.241	ug/l #	75

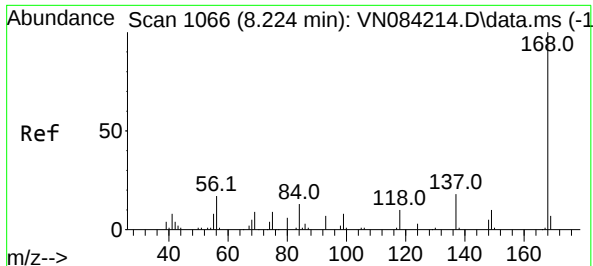
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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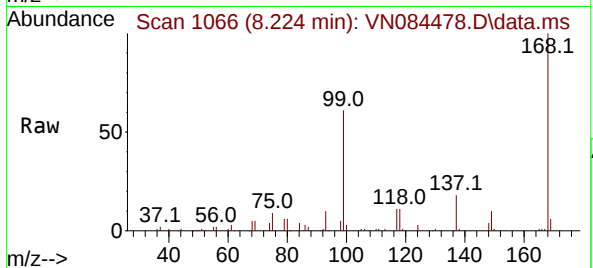
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration



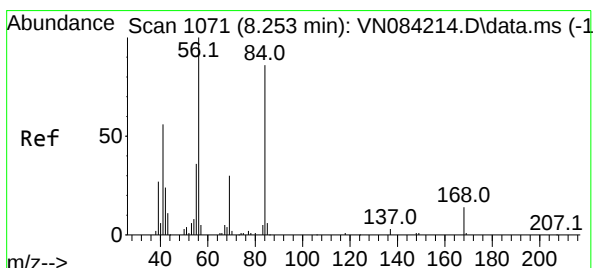
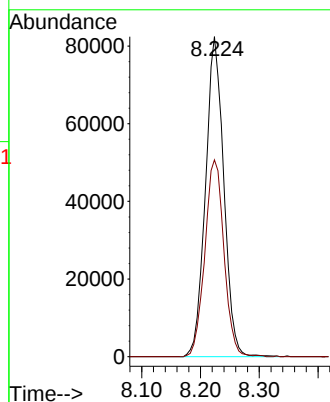
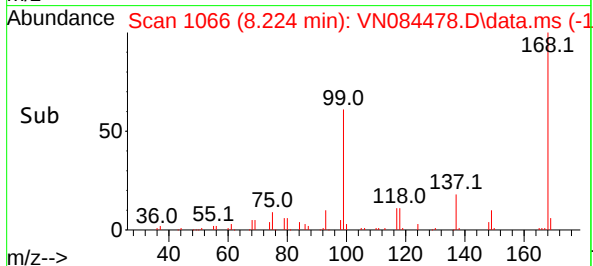


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084478.D
Acq: 24 Oct 2024 10:42

Instrument :
MSVOA_N
ClientSampleId :

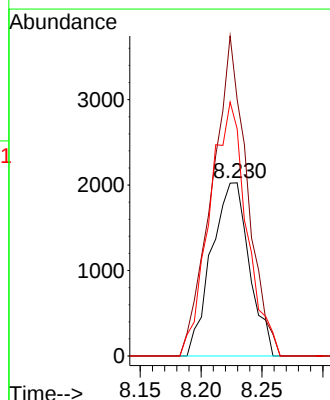
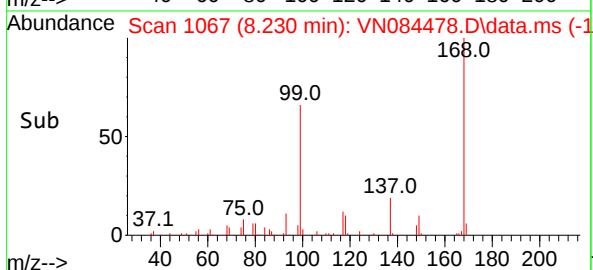
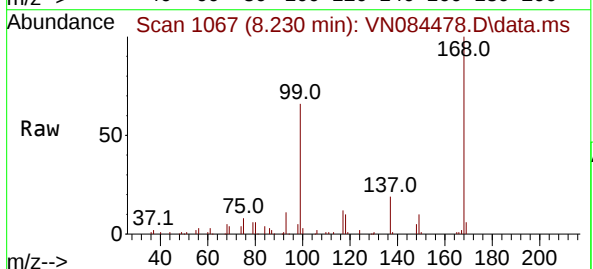


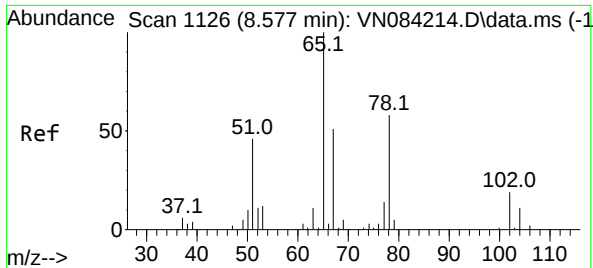
Tgt Ion:168 Resp: 178165
Ion Ratio Lower Upper
168 100
99 61.5 54.2 81.2



#31
Cyclohexane
Concen: 1.116 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.023 min
Lab File: VN084478.D
Acq: 24 Oct 2024 10:42

Tgt Ion: 56 Resp: 4365
Ion Ratio Lower Upper
56 100
69 148.1 23.8 35.6#
84 131.2 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 48.293 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN084478.D

Acq: 24 Oct 2024 10:42

Instrument :

MSVOA_N

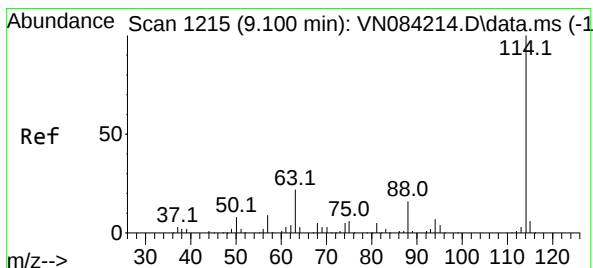
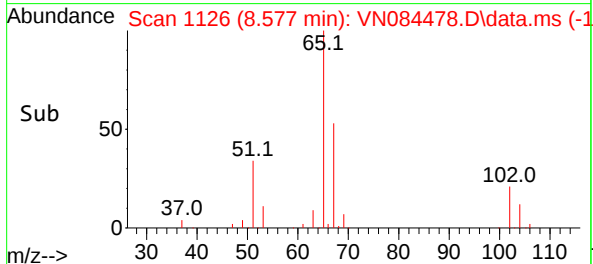
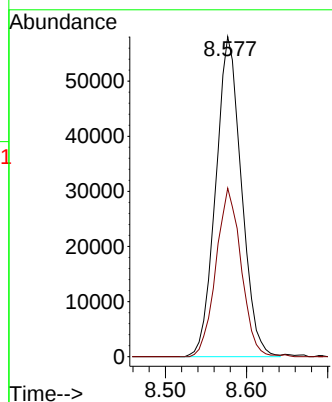
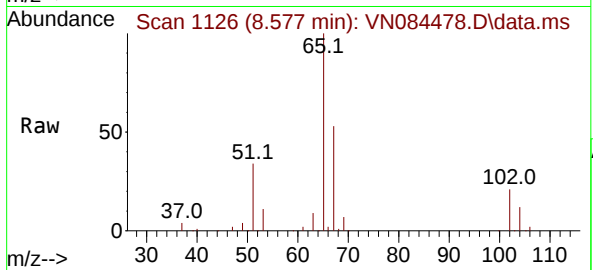
ClientSampleId :

Tgt Ion: 65 Resp: 127572

Ion Ratio Lower Upper

65 100

67 51.7 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: VN084478.D

Acq: 24 Oct 2024 10:42

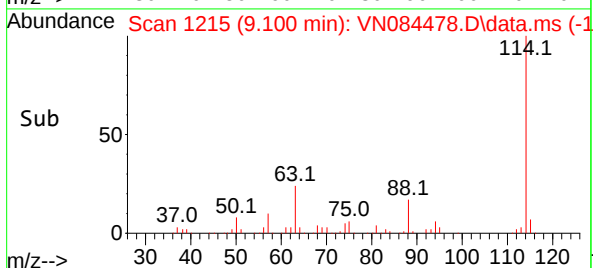
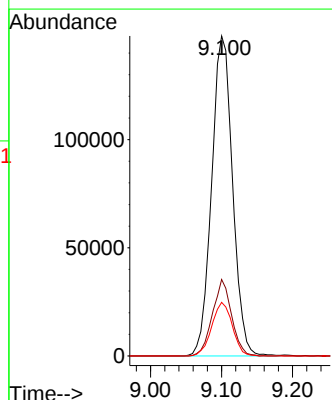
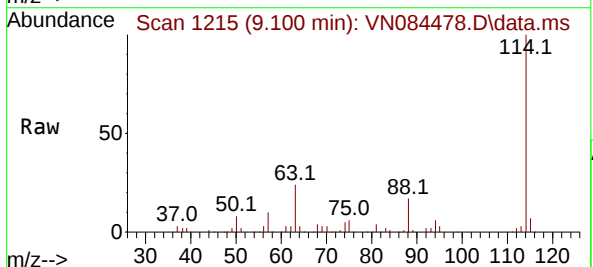
Tgt Ion: 114 Resp: 302564

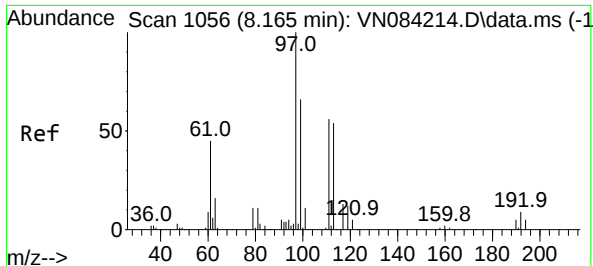
Ion Ratio Lower Upper

114 100

63 23.9 0.0 43.8

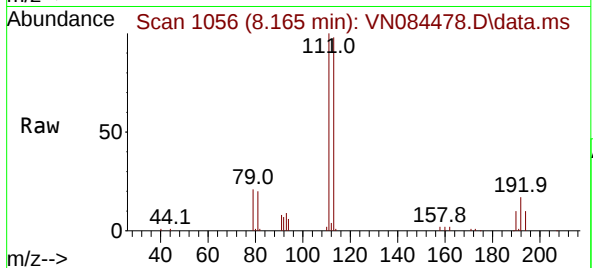
88 16.7 0.0 31.6



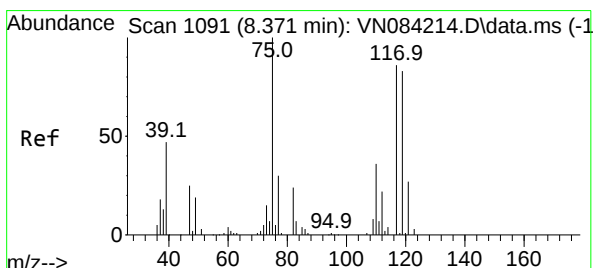
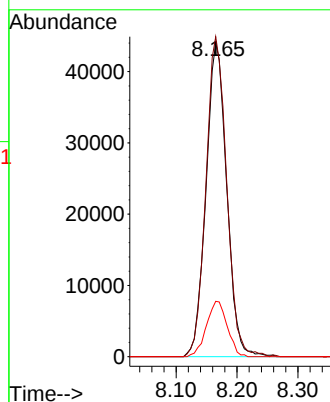
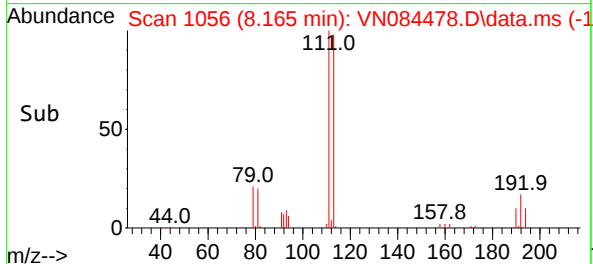


#35
Dibromofluoromethane
Concen: 52.150 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084478.D
Acq: 24 Oct 2024 10:42

Instrument :
MSVOA_N
ClientSampleId :

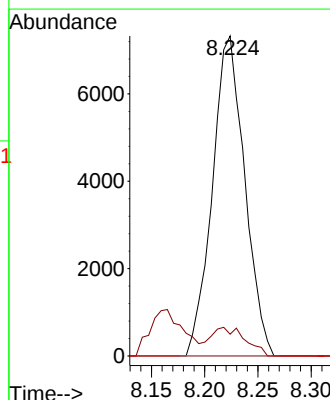
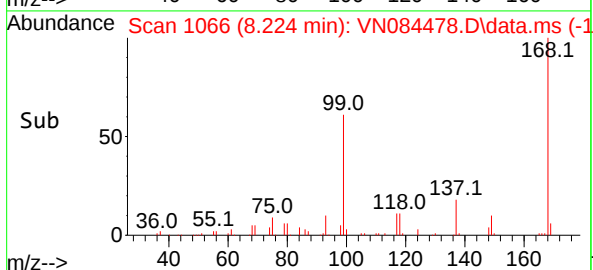
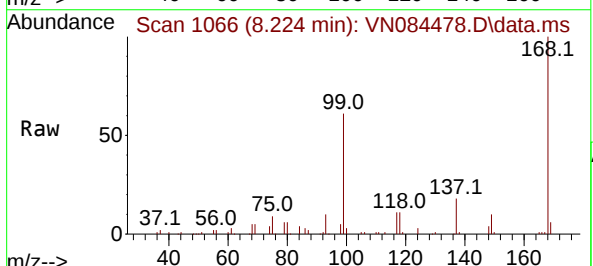


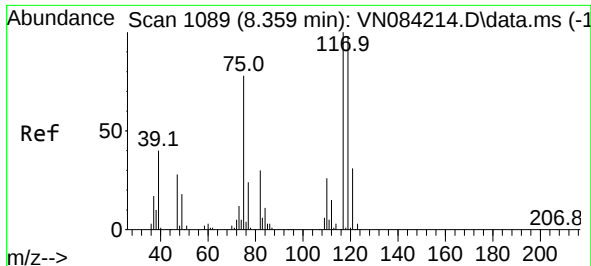
Tgt Ion:113 Resp: 104023
Ion Ratio Lower Upper
113 100
111 102.2 83.3 124.9
192 17.7 13.5 20.3



#36
1,1-Dichloropropene
Concen: 5.337 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN084478.D
Acq: 24 Oct 2024 10:42

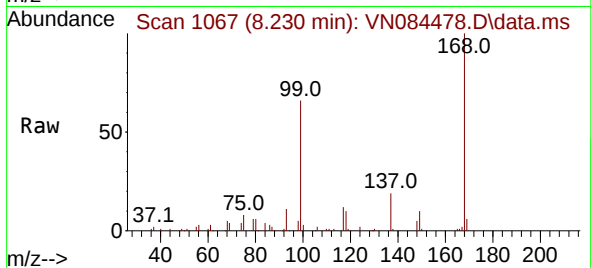
Tgt Ion: 75 Resp: 15463
Ion Ratio Lower Upper
75 100
110 9.8 16.9 50.7#
77 0.0 24.7 37.1#



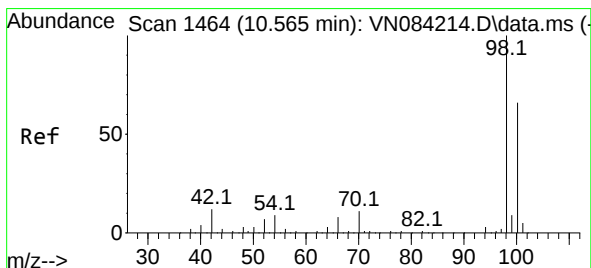
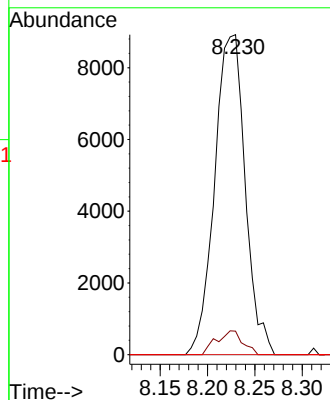
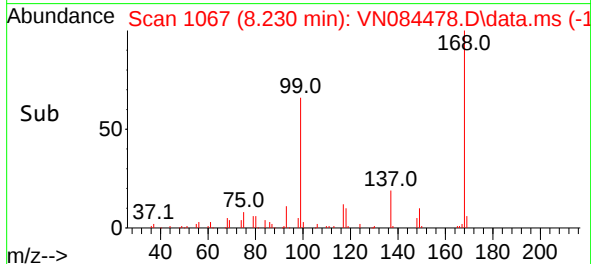


#38
Carbon Tetrachloride
Concen: 6.314 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.129 min
Lab File: VN084478.D
Acq: 24 Oct 2024 10:42

Instrument :
MSVOA_N
ClientSampleId :

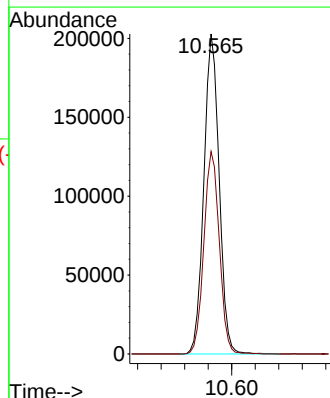
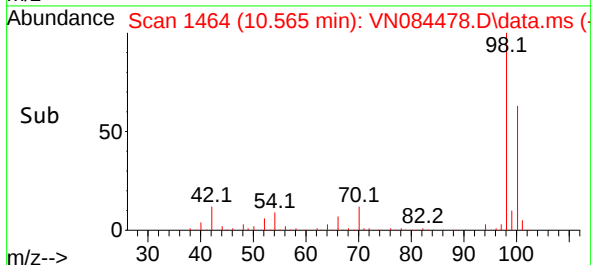
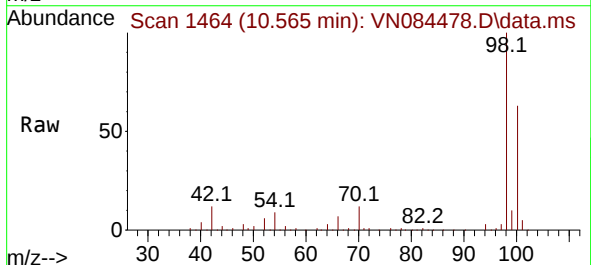


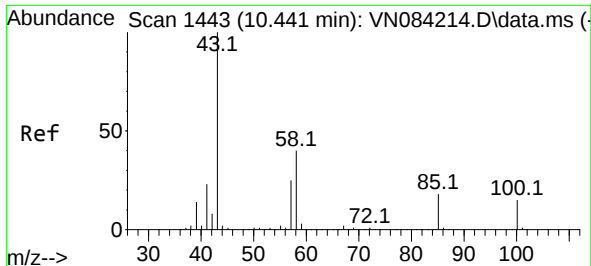
Tgt Ion:117 Resp: 20066
Ion Ratio Lower Upper
117 100
119 7.4 78.7 118.1#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.719 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084478.D
Acq: 24 Oct 2024 10:42

Tgt Ion: 98 Resp: 364872
Ion Ratio Lower Upper
98 100
100 63.9 52.7 79.1

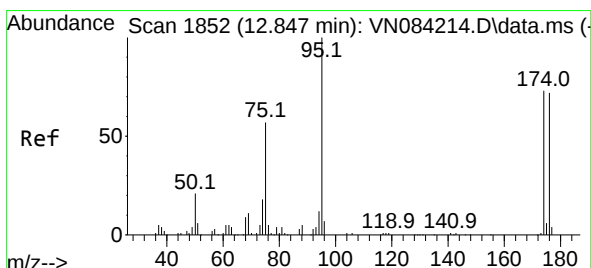
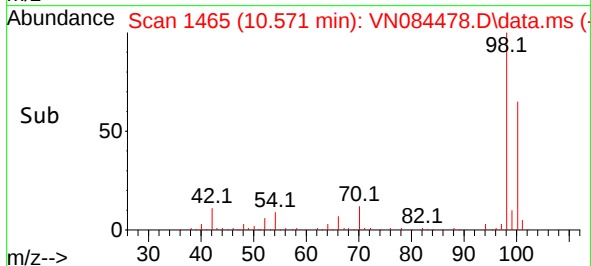
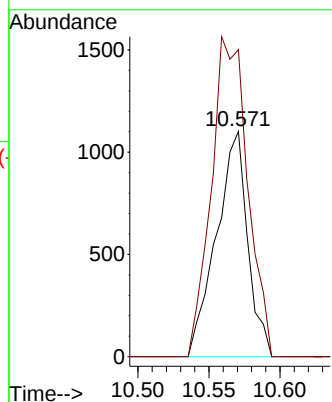
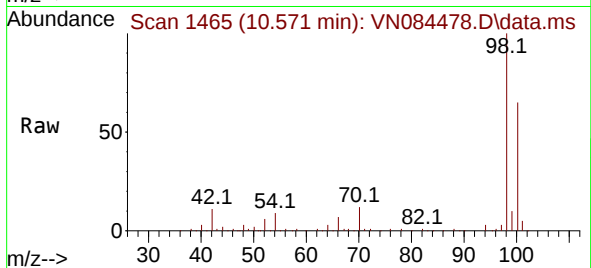




#51
4-Methyl-2-Pentanone
Concen: 0.597 ug/l
RT: 10.571 min Scan# 1443
Delta R.T. 0.129 min
Lab File: VN084478.D
Acq: 24 Oct 2024 10:42

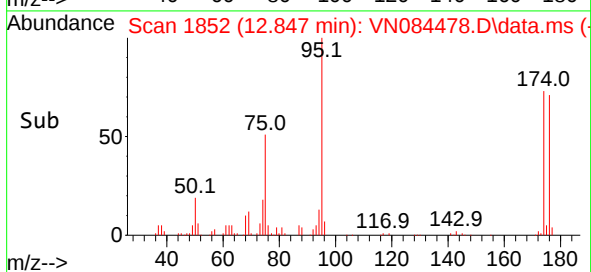
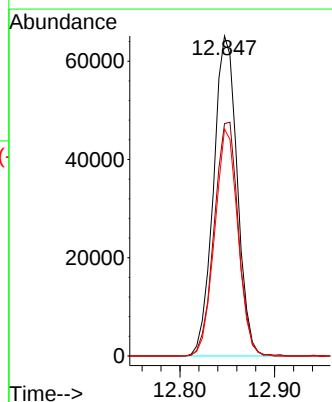
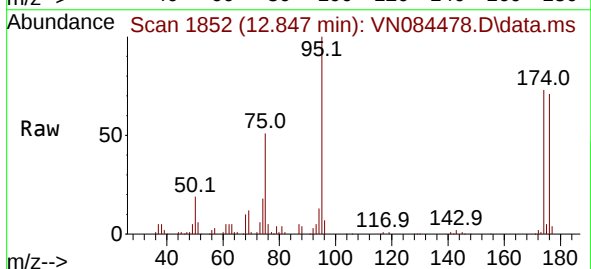
Instrument :
MSVOA_N
ClientSampleId :

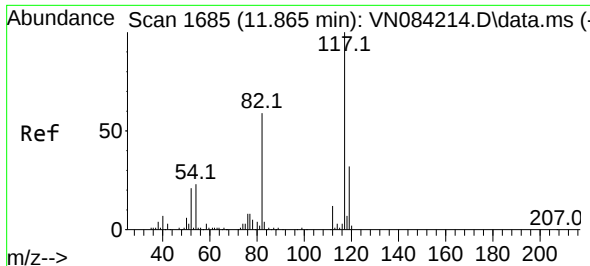
Tgt Ion: 43 Resp: 1689
Ion Ratio Lower Upper
43 100
58 164.8 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 42.411 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084478.D
Acq: 24 Oct 2024 10:42

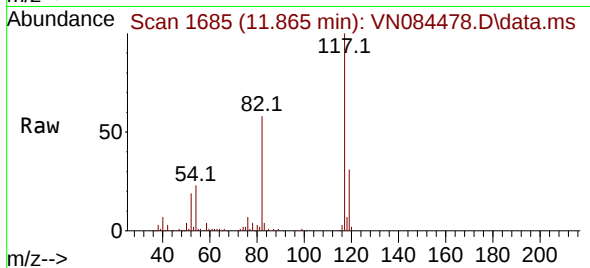
Tgt Ion: 95 Resp: 113388
Ion Ratio Lower Upper
95 100
174 74.3 0.0 145.2
176 69.5 0.0 140.0



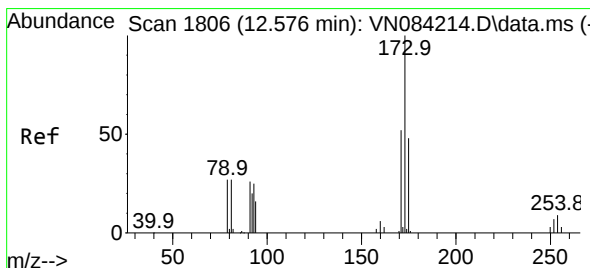
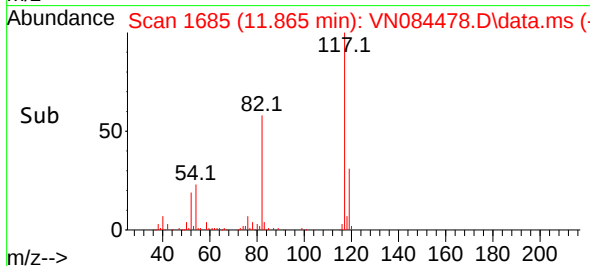
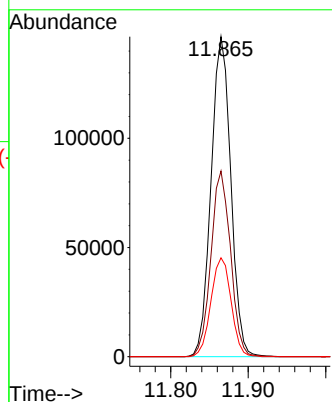


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084478.D
Acq: 24 Oct 2024 10:42

Instrument :
MSVOA_N
ClientSampleId :

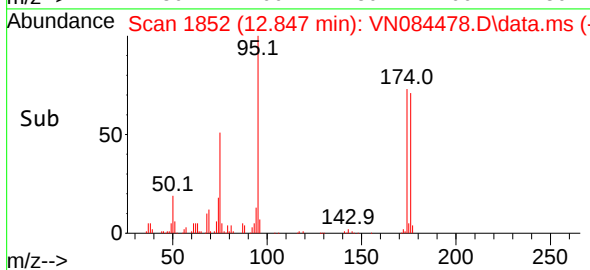
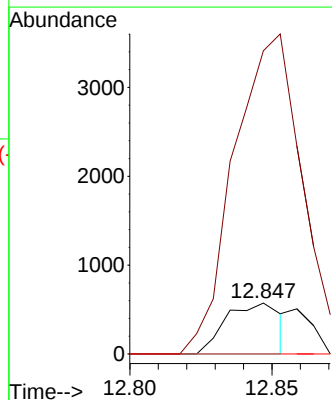
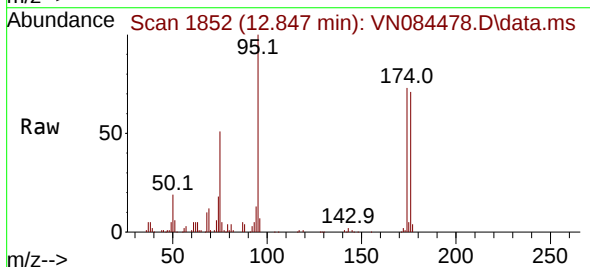


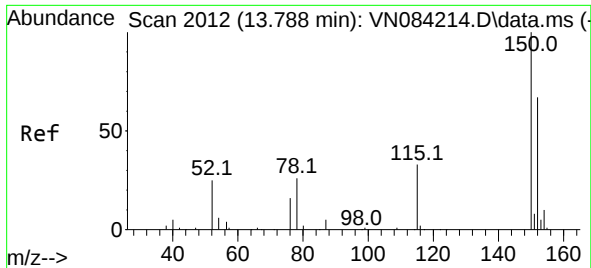
Tgt Ion:117 Resp: 259401
Ion Ratio Lower Upper
117 100
82 58.0 47.2 70.8
119 30.9 25.4 38.0



#71
Bromoform
Concen: 0.529 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN084478.D
Acq: 24 Oct 2024 10:42

Tgt Ion:173 Resp: 771
Ion Ratio Lower Upper
173 100
175 0.0 23.5 70.6#
254 0.0 0.0 0.0

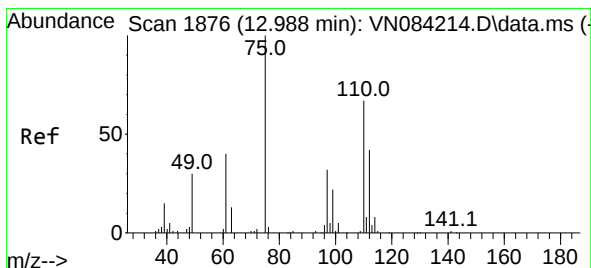
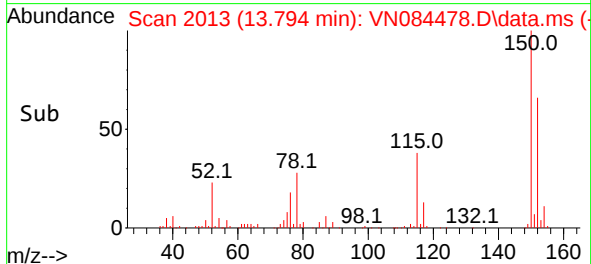
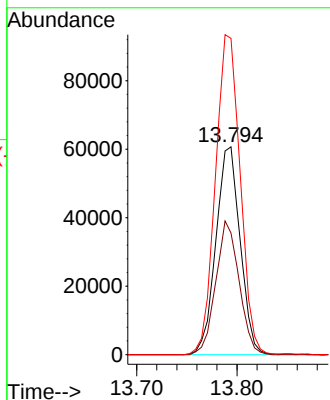
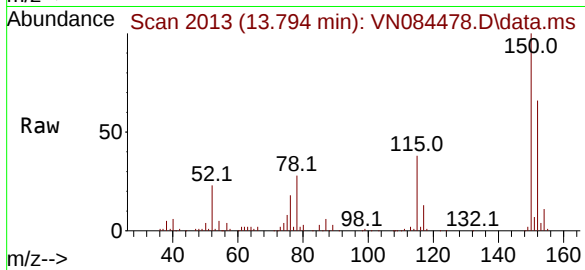




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2012
 Delta R.T. 0.006 min
 Lab File: VN084478.D
 Acq: 24 Oct 2024 10:42

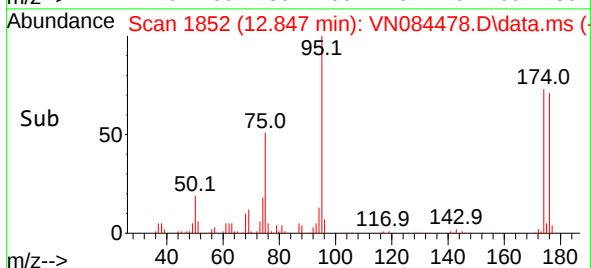
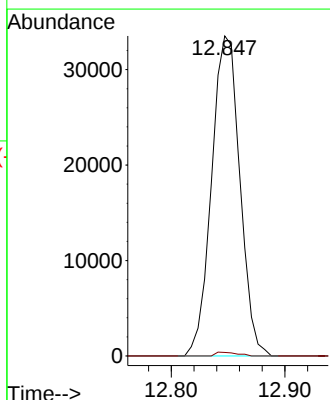
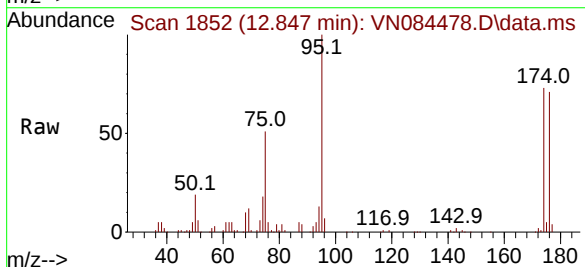
Instrument :
 MSVOA_N
 ClientSampleId :

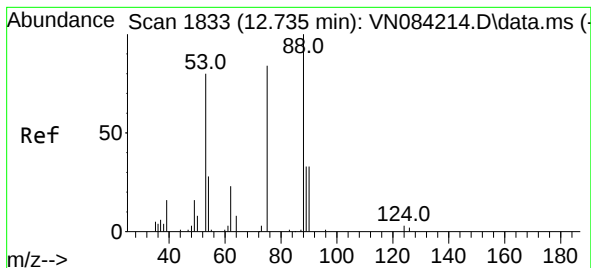
Tgt Ion:152 Resp: 101906
 Ion Ratio Lower Upper
 152 100
 115 61.7 31.3 93.9
 150 157.6 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 27.876 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN084478.D
 Acq: 24 Oct 2024 10:42

Tgt Ion: 75 Resp: 57994
 Ion Ratio Lower Upper
 75 100
 77 0.9 96.9 290.7#

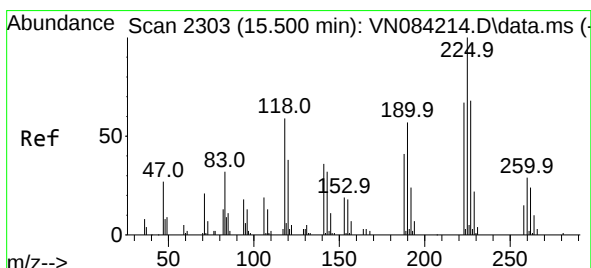
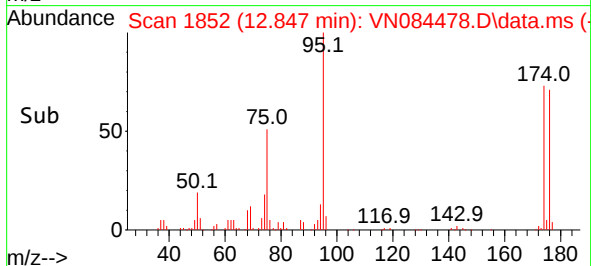
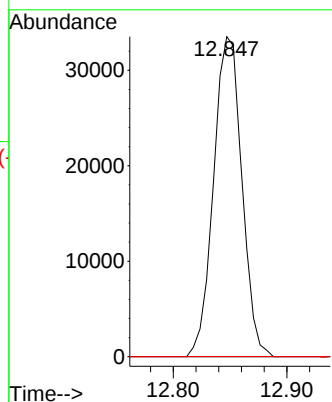
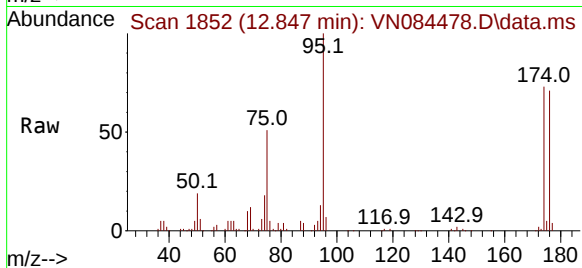




#81
trans-1,4-Dichloro-2-butene
Concen: 66.831 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084478.D
Acq: 24 Oct 2024 10:42

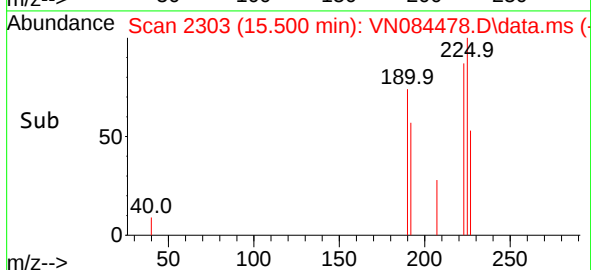
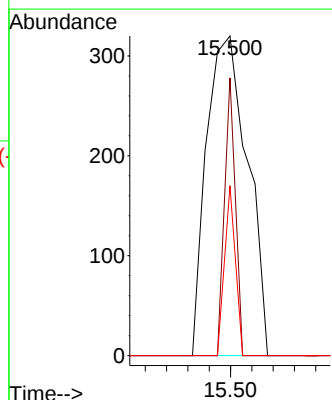
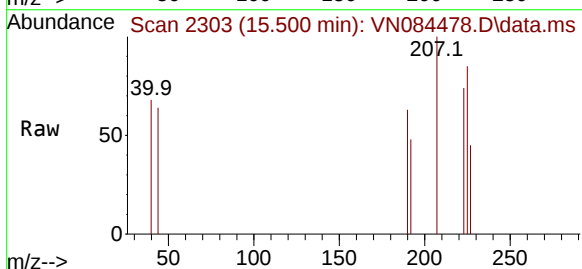
Instrument :
MSVOA_N
ClientSampleId :

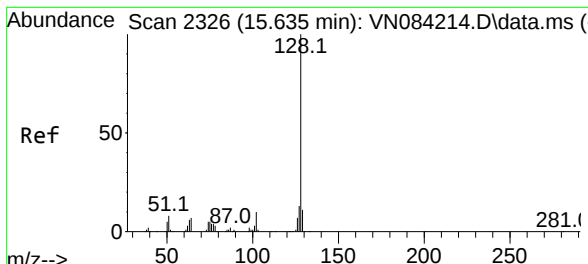
Tgt Ion: 75 Resp: 57994
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#



#94
Hexachlorobutadiene
Concen: 0.504 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN084478.D
Acq: 24 Oct 2024 10:42

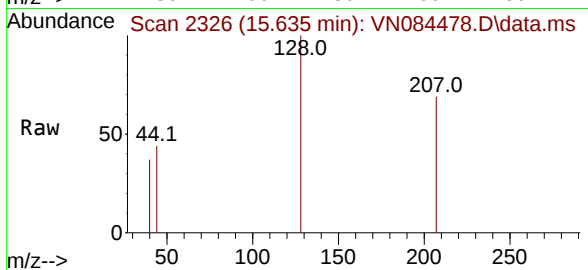
Tgt Ion: 225 Resp: 427
Ion Ratio Lower Upper
225 100
223 23.0 32.4 97.2#
227 14.1 32.4 97.0#





#95
 Naphthalene
 Concen: 0.241 ug/l
 RT: 15.635 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN084478.D
 Acq: 24 Oct 2024 10:42

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	128	Resp:	1359
Ion	Ratio	Lower	Upper
128	100		
127	4.2	10.5	15.7#
129	0.0	8.7	13.1#

