

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121724\
 Data File : VN085220.D
 Acq On : 17 Dec 2024 13:08
 Operator : JC\MD
 Sample : VN1217WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 18 00:23:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	142158	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	245850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	212586	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	80399	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	105366	52.034	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.060%
35) Dibromofluoromethane	8.165	113	86248	52.022	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.040%
50) Toluene-d8	10.565	98	291375	49.040	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.080%
62) 4-Bromofluorobenzene	12.847	95	92337	41.556	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	83.120%

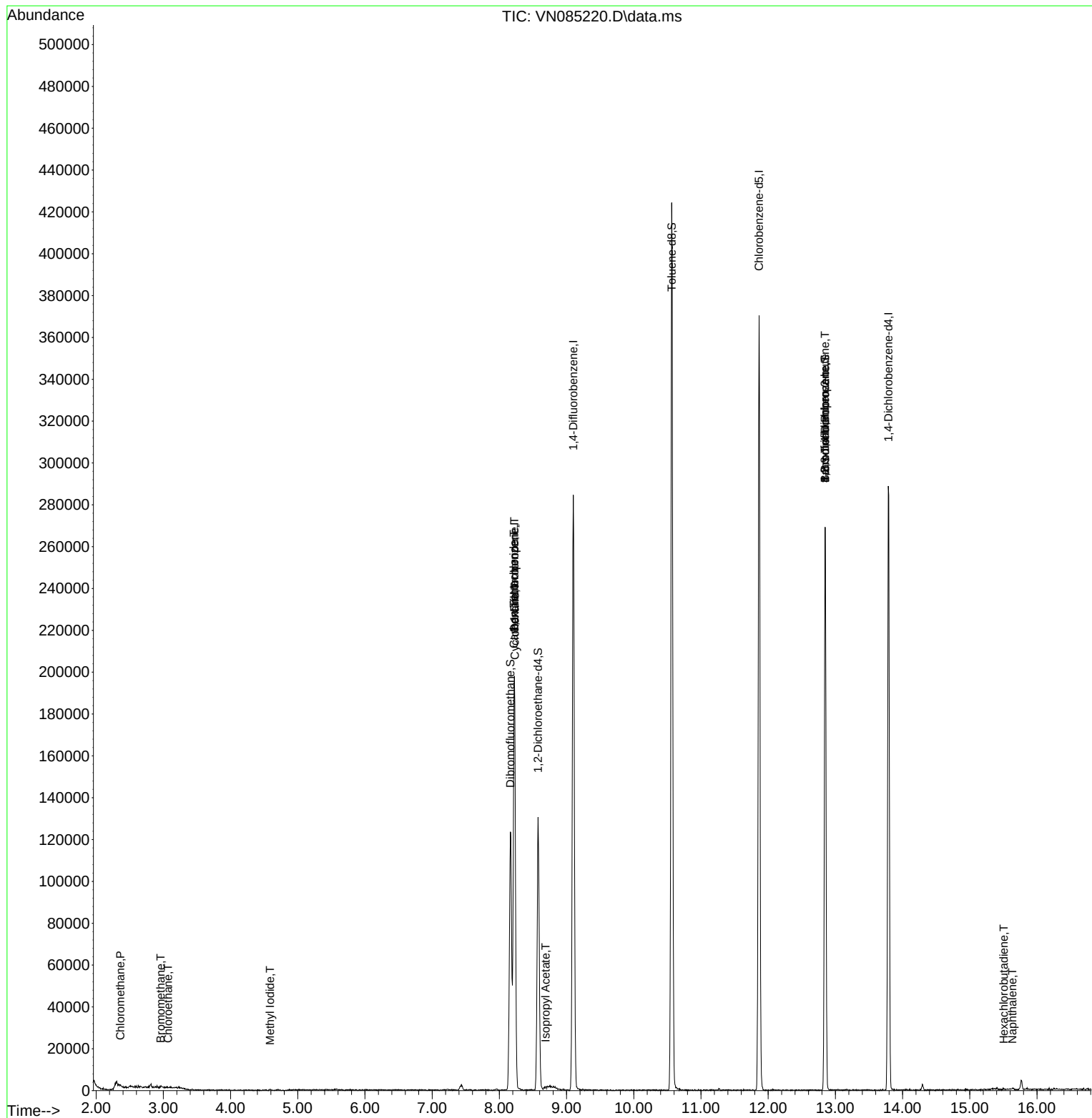
Target Compounds					Qvalue	
3) Chloromethane	2.359	50	484	0.260	ug/l #	82
5) Bromomethane	2.959	94	391	0.416	ug/l #	52
6) Chloroethane	3.071	64	557	0.493	ug/l #	44
10) Methyl Iodide	4.589	142	730	0.341	ug/l #	39
31) Cyclohexane	8.230	56	3244	1.203	ug/l #	24
36) 1,1-Dichloropropene	8.224	75	12009	5.348	ug/l #	51
38) Carbon Tetrachloride	8.218	117	15543	5.996	ug/l #	20
43) Isopropyl Acetate	8.688	43	1186	0.280	ug/l #	55
71) Bromoform	12.847	173	300	0.238	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	49051	33.541	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	49051	74.045	ug/l #	10
94) Hexachlorobutadiene	15.506	225	167	0.231	ug/l #	54
95) Naphthalene	15.635	128	1239	0.278	ug/l #	85

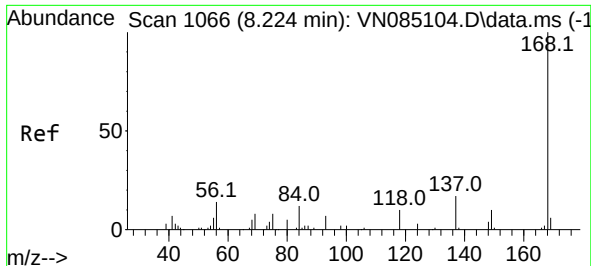
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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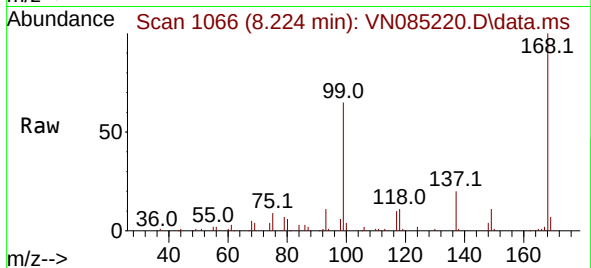
Quant Time: Dec 18 00:23:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
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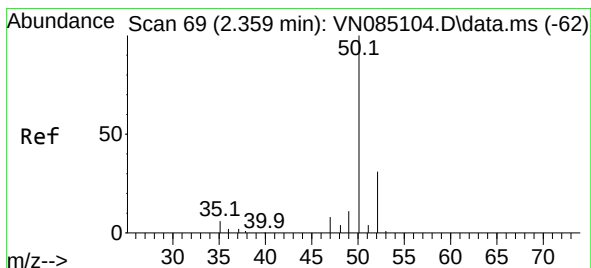
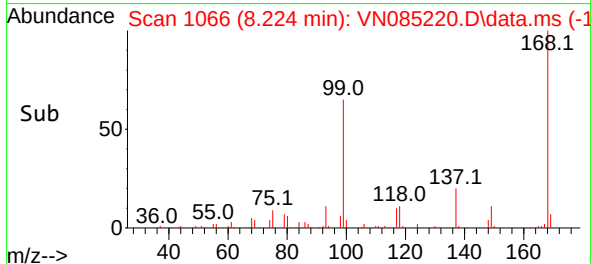
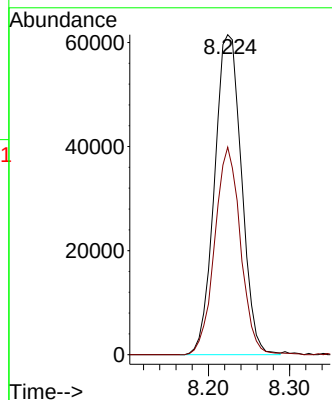


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085220.D
Acq: 17 Dec 2024 13:08

Instrument :
MSVOA_N
ClientSampleId :

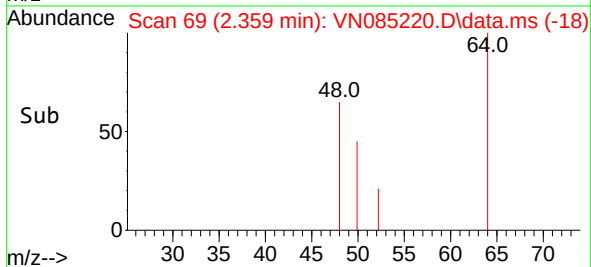
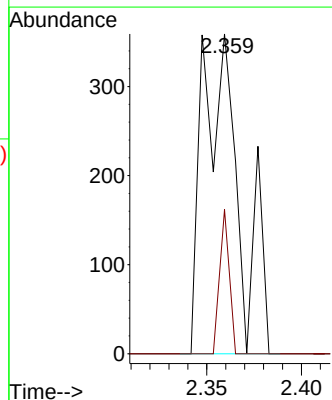
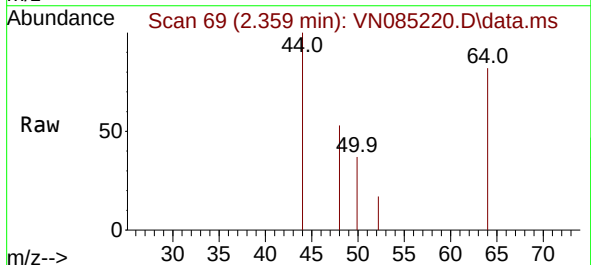


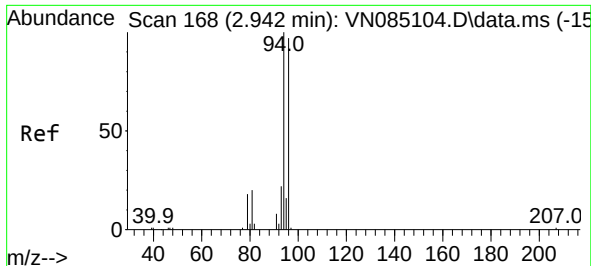
Tgt Ion:168 Resp: 142158
Ion Ratio Lower Upper
168 100
99 64.8 51.2 76.8



#3
Chloromethane
Concen: 0.260 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085220.D
Acq: 17 Dec 2024 13:08

Tgt Ion: 50 Resp: 484
Ion Ratio Lower Upper
50 100
52 45.1 27.8 41.8#

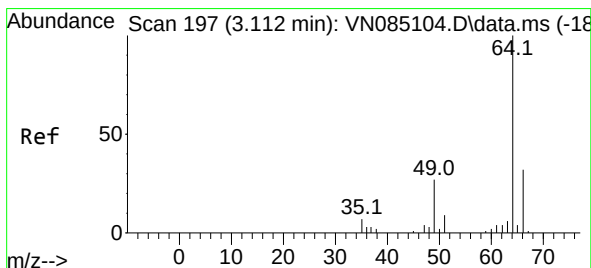
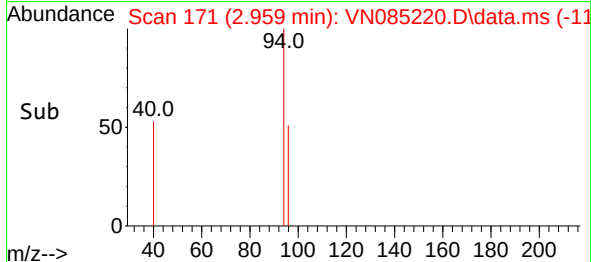
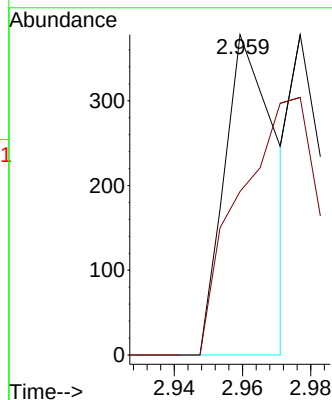
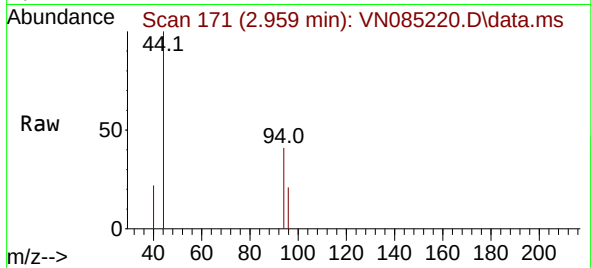




#5
Bromomethane
Concen: 0.416 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.059 min
Lab File: VN085220.D
Acq: 17 Dec 2024 13:08

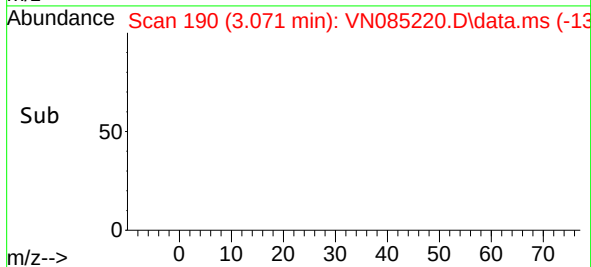
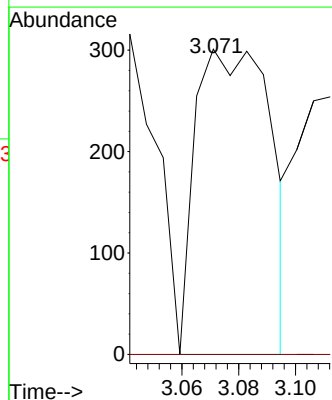
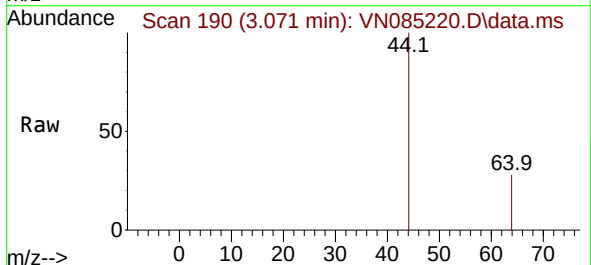
Instrument :
MSVOA_N
ClientSampleId :

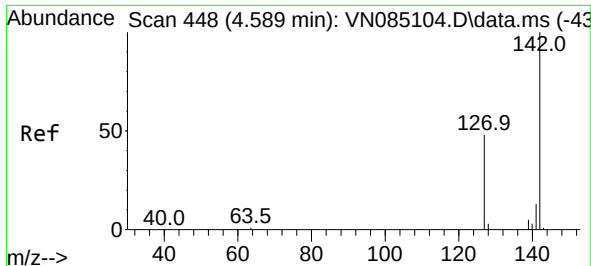
Tgt Ion: 94 Resp: 391
Ion Ratio Lower Upper
94 100
96 51.1 78.7 118.1#



#6
Chloroethane
Concen: 0.493 ug/l
RT: 3.071 min Scan# 190
Delta R.T. 0.006 min
Lab File: VN085220.D
Acq: 17 Dec 2024 13:08

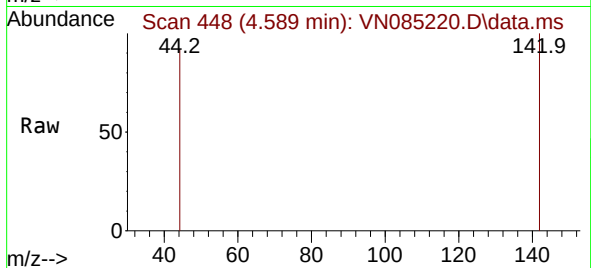
Tgt Ion: 64 Resp: 557
Ion Ratio Lower Upper
64 100
66 0.0 24.4 36.6#



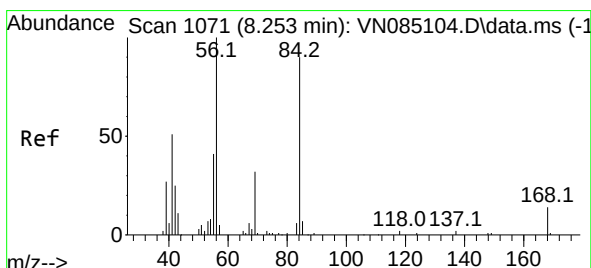
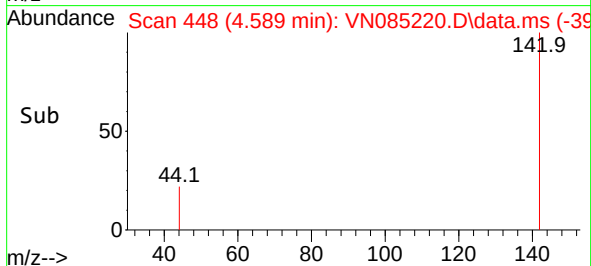
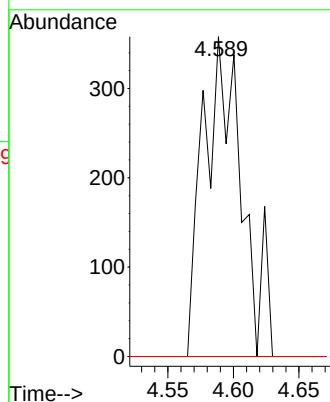


#10
Methyl Iodide
Concen: 0.341 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.017 min
Lab File: VN085220.D
Acq: 17 Dec 2024 13:08

Instrument :
MSVOA_N
ClientSampleId :

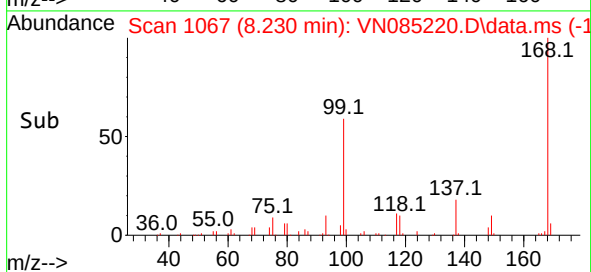
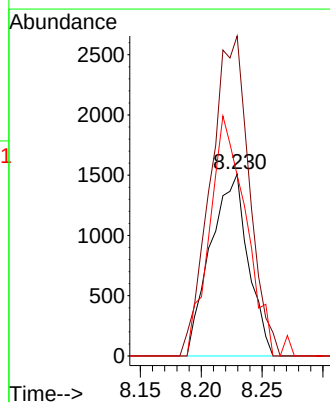
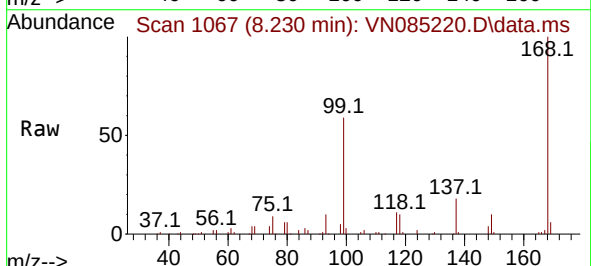


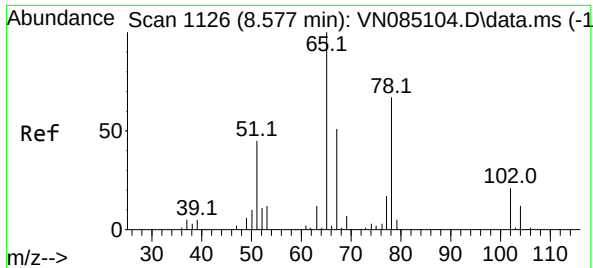
Tgt Ion:142 Resp: 730
Ion Ratio Lower Upper
142 100
127 0.0 36.6 54.8#
141 0.0 12.2 18.4#



#31
Cyclohexane
Concen: 1.203 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.024 min
Lab File: VN085220.D
Acq: 17 Dec 2024 13:08

Tgt Ion: 56 Resp: 3244
Ion Ratio Lower Upper
56 100
69 176.0 24.6 36.8#
84 99.5 71.4 107.2





#33

1,2-Dichloroethane-d4

Concen: 52.034 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN085220.D

Acq: 17 Dec 2024 13:08

Instrument :

MSVOA_N

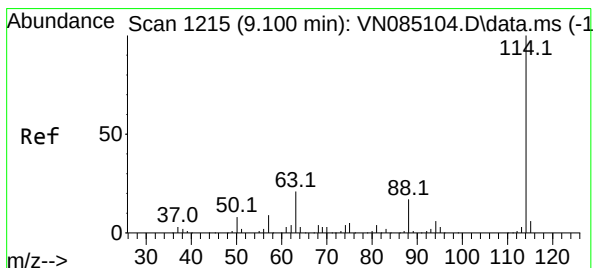
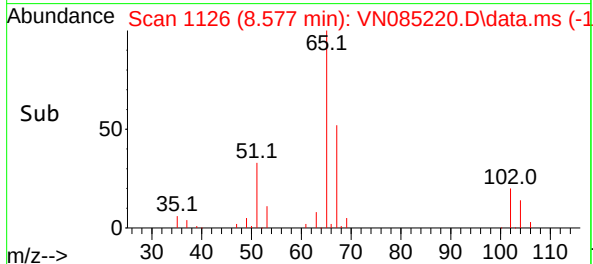
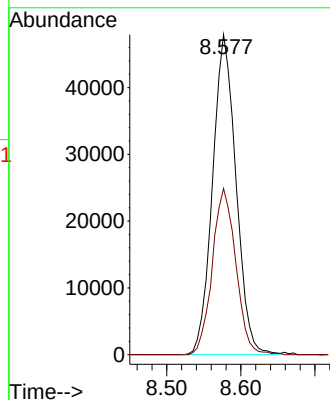
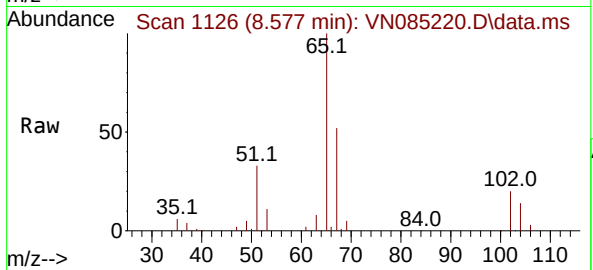
ClientSampleId :

Tgt Ion: 65 Resp: 105366

Ion Ratio Lower Upper

65 100

67 52.1 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085220.D

Acq: 17 Dec 2024 13:08

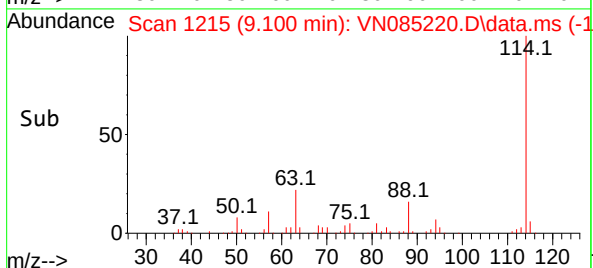
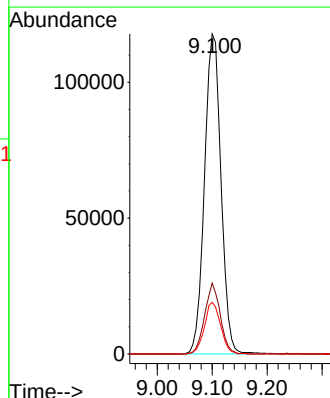
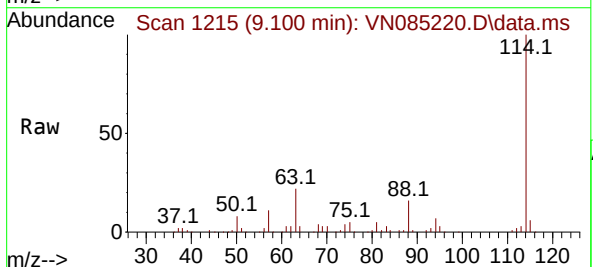
Tgt Ion: 114 Resp: 245850

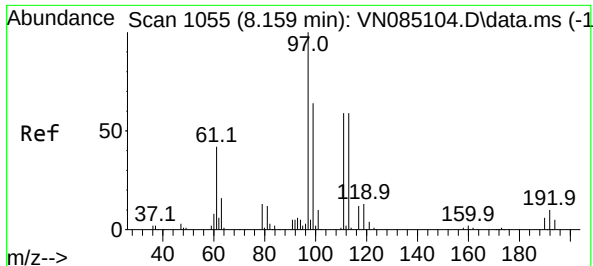
Ion Ratio Lower Upper

114 100

63 22.1 0.0 41.0

88 16.1 0.0 34.8





#35

Dibromofluoromethane

Concen: 52.022 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085220.D

Acq: 17 Dec 2024 13:08

Instrument :

MSVOA_N

ClientSampleId :

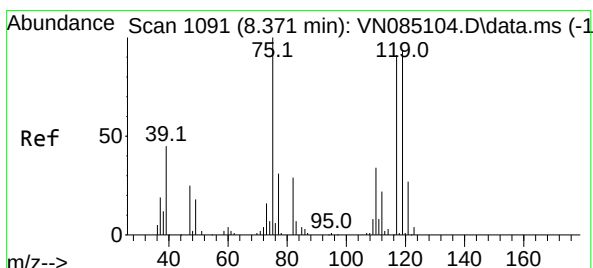
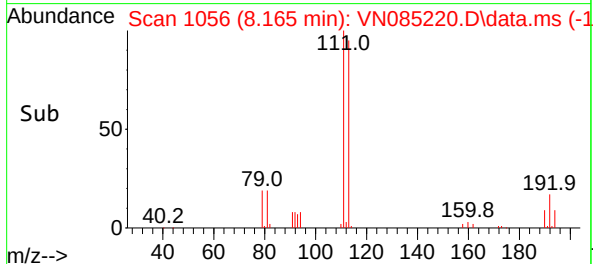
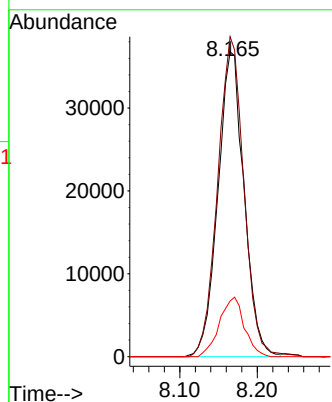
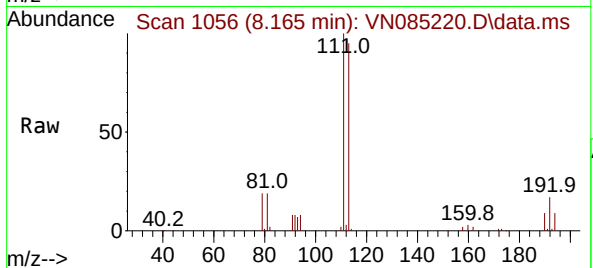
Tgt Ion:113 Resp: 86248

Ion Ratio Lower Upper

113 100

111 104.9 82.0 123.0

192 18.6 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.348 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085220.D

Acq: 17 Dec 2024 13:08

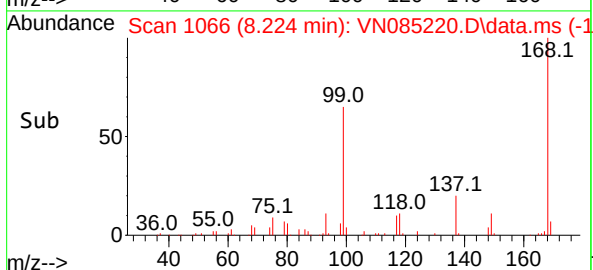
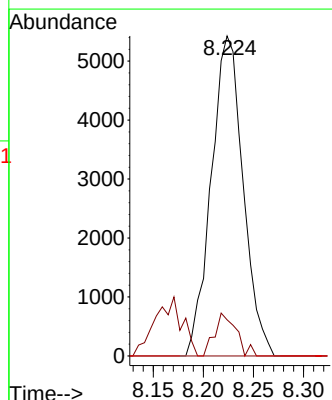
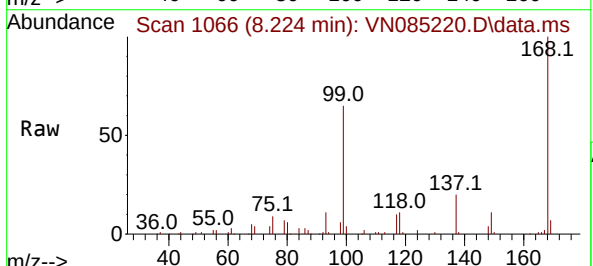
Tgt Ion: 75 Resp: 12009

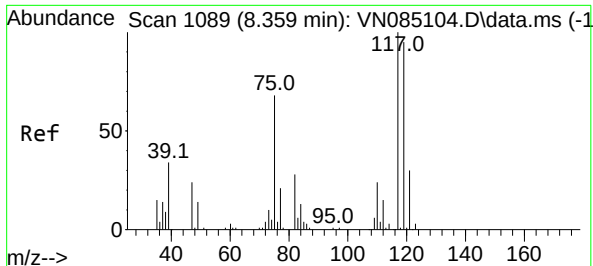
Ion Ratio Lower Upper

75 100

110 9.1 17.2 51.6#

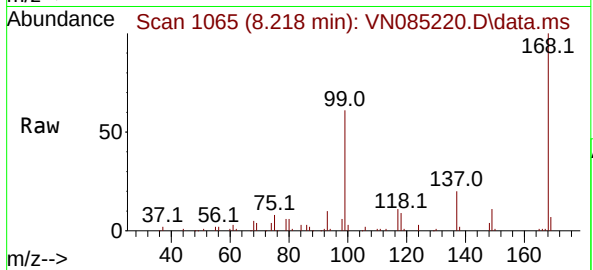
77 0.0 24.2 36.4#



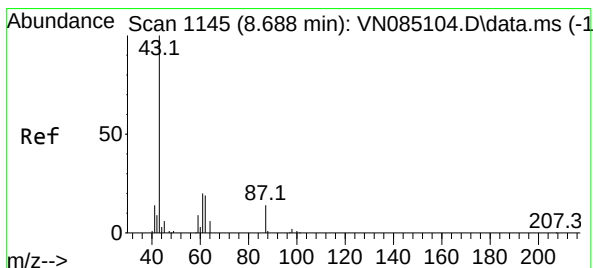
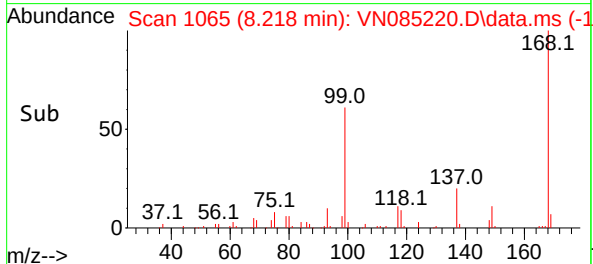
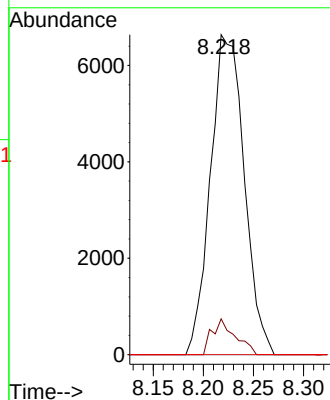


#38
Carbon Tetrachloride
Concen: 5.996 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.135 min
Lab File: VN085220.D
Acq: 17 Dec 2024 13:08

Instrument :
MSVOA_N
ClientSampleId :

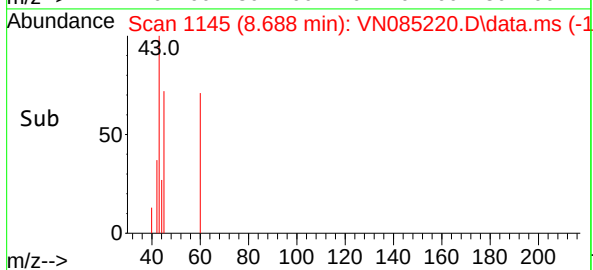
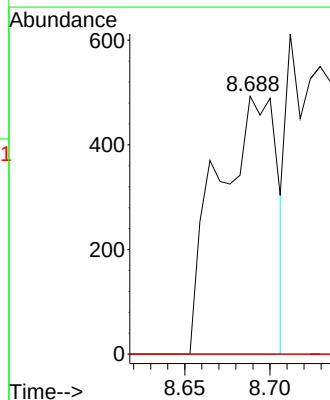
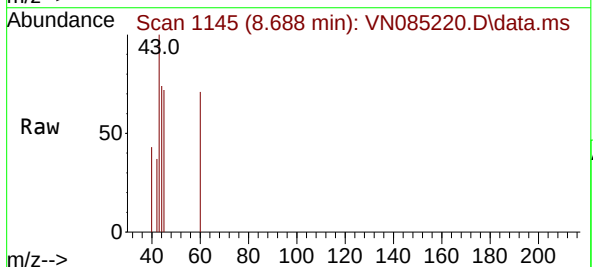


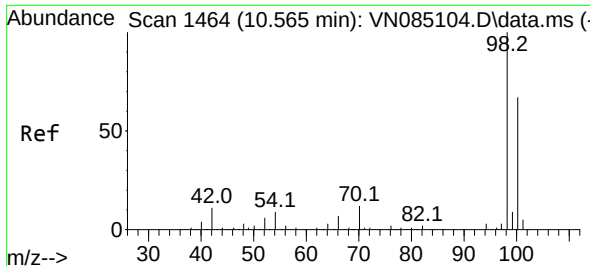
Tgt Ion:117 Resp: 15543
Ion Ratio Lower Upper
117 100
119 11.2 78.6 117.8#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 0.280 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085220.D
Acq: 17 Dec 2024 13:08

Tgt Ion: 43 Resp: 1186
Ion Ratio Lower Upper
43 100
61 0.0 20.6 30.8#
87 0.0 11.0 16.4#

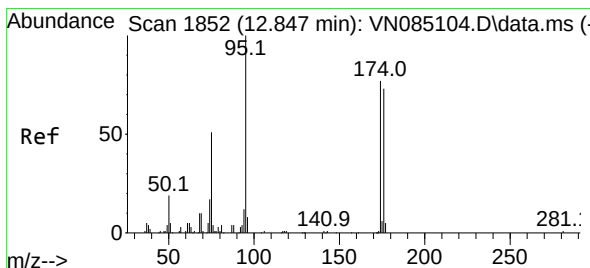
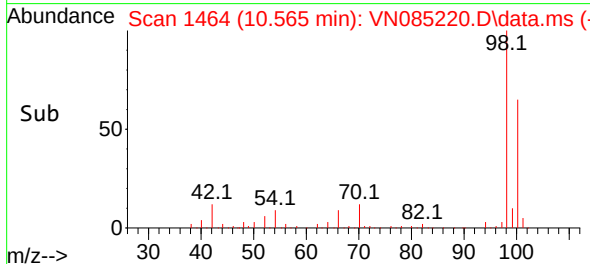
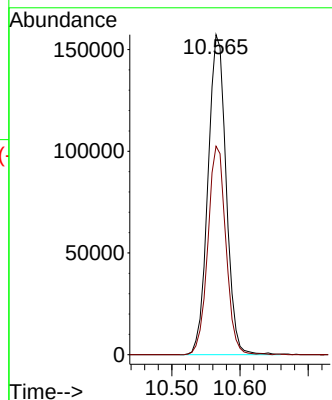
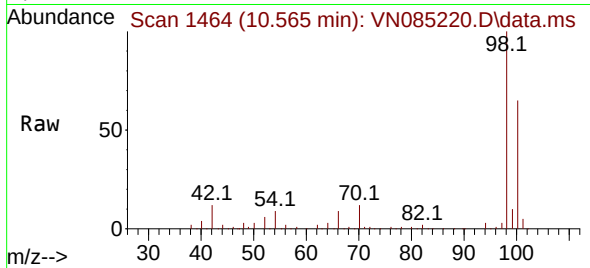




#50
Toluene-d8
Concen: 49.040 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085220.D
Acq: 17 Dec 2024 13:08

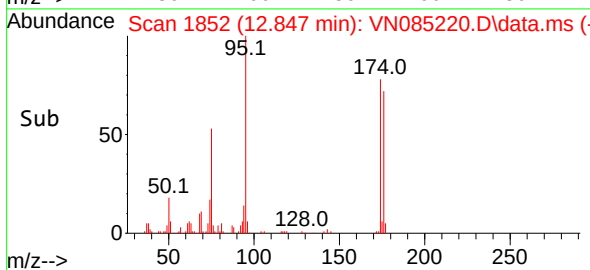
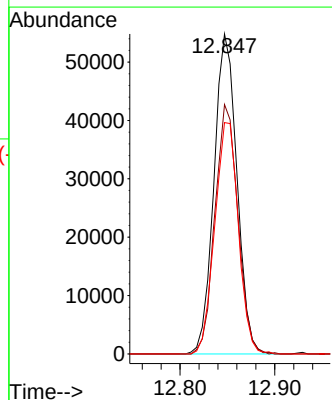
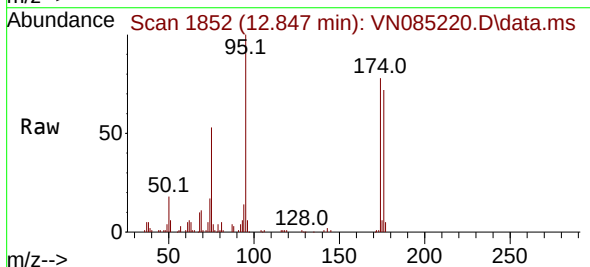
Instrument :
MSVOA_N
ClientSampleId :

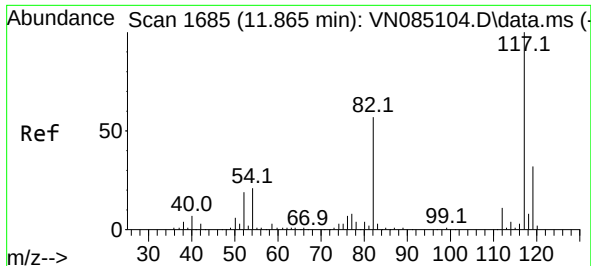
Tgt Ion: 98 Resp: 291375
Ion Ratio Lower Upper
98 100
100 64.6 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 41.556 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085220.D
Acq: 17 Dec 2024 13:08

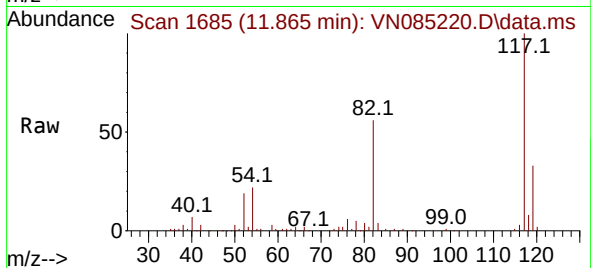
Tgt Ion: 95 Resp: 92337
Ion Ratio Lower Upper
95 100
174 78.1 0.0 146.6
176 74.4 0.0 141.8



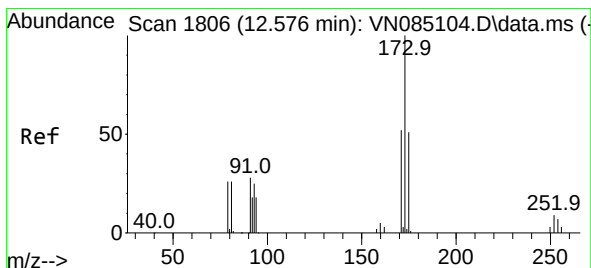
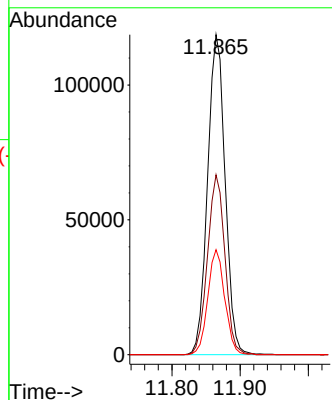
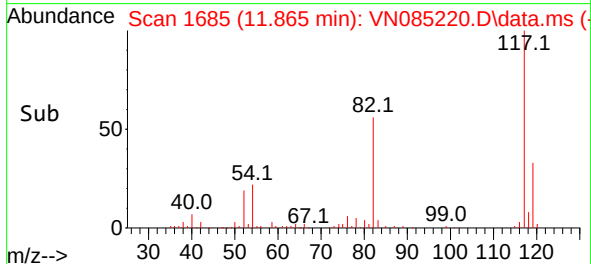


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085220.D
Acq: 17 Dec 2024 13:08

Instrument :
MSVOA_N
ClientSampleId :

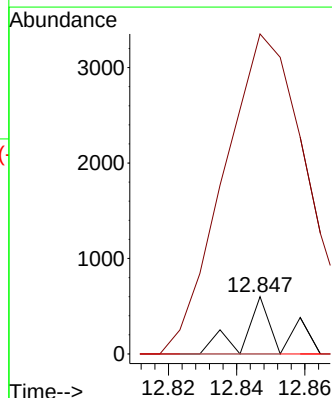
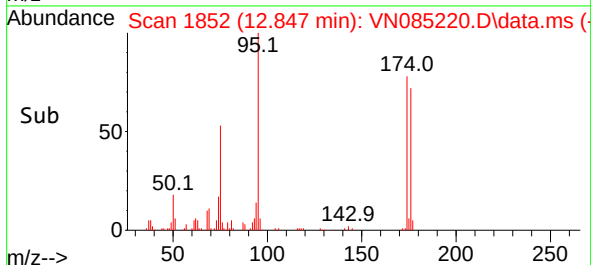
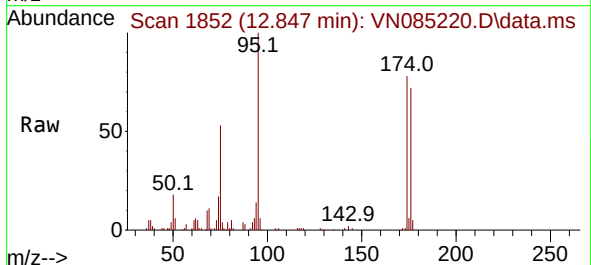


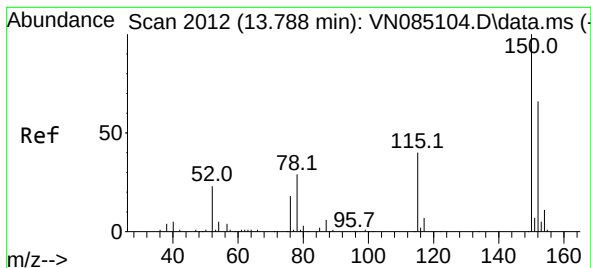
Tgt Ion:117 Resp: 212586
Ion Ratio Lower Upper
117 100
82 56.2 46.0 69.0
119 32.8 25.6 38.4



#71
Bromoform
Concen: 0.238 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.270 min
Lab File: VN085220.D
Acq: 17 Dec 2024 13:08

Tgt Ion:173 Resp: 300
Ion Ratio Lower Upper
173 100
175 1397.7 23.8 71.2#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN085220.D

Acq: 17 Dec 2024 13:08

Instrument :

MSVOA_N

ClientSampleId :

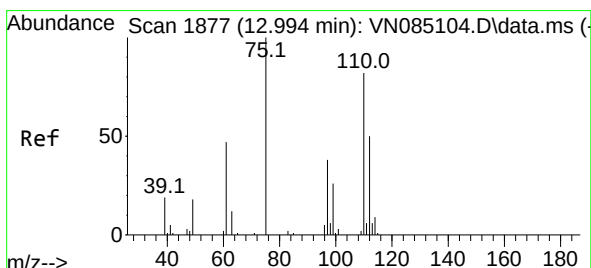
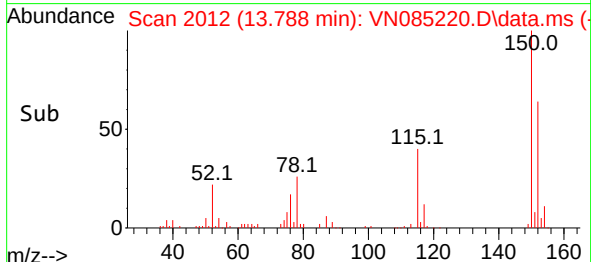
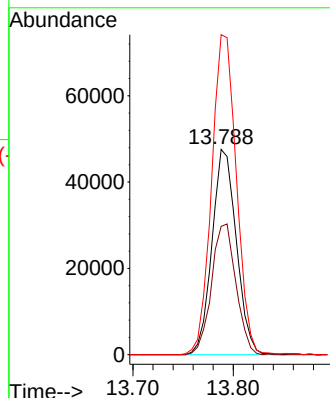
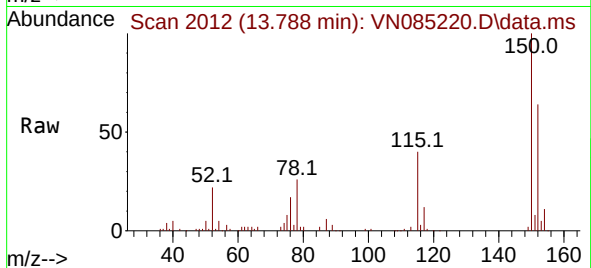
Tgt Ion:152 Resp: 80399

Ion Ratio Lower Upper

152 100

115 63.8 31.7 95.1

150 158.7 0.0 351.4



#76

1,2,3-Trichloropropane

Concen: 33.541 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN085220.D

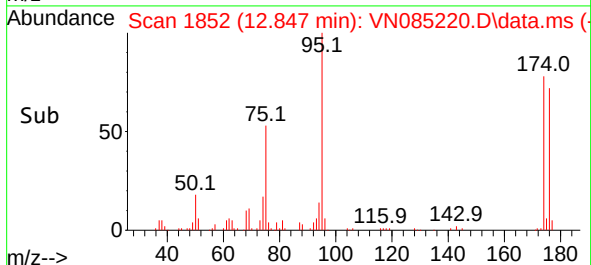
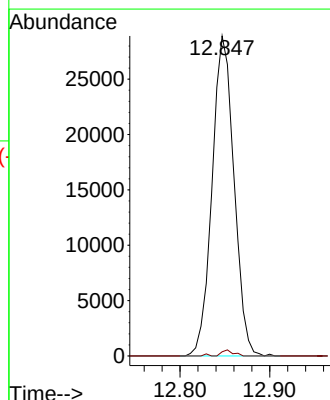
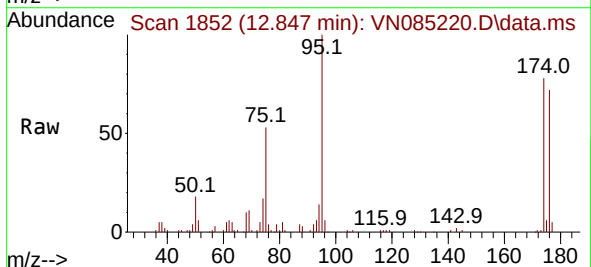
Acq: 17 Dec 2024 13:08

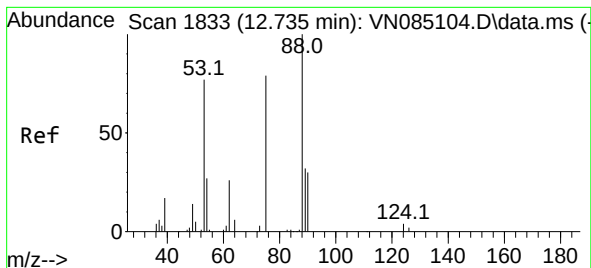
Tgt Ion: 75 Resp: 49051

Ion Ratio Lower Upper

75 100

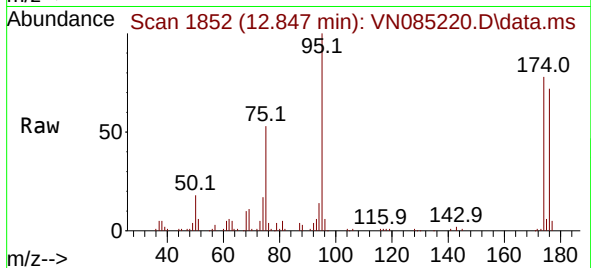
77 1.0 109.1 327.4#



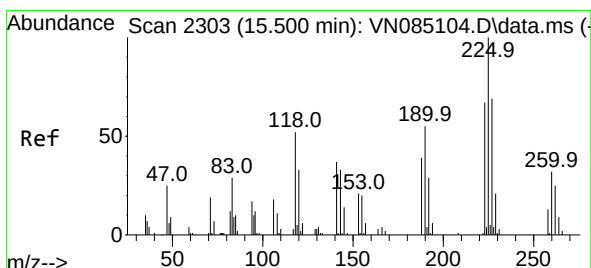
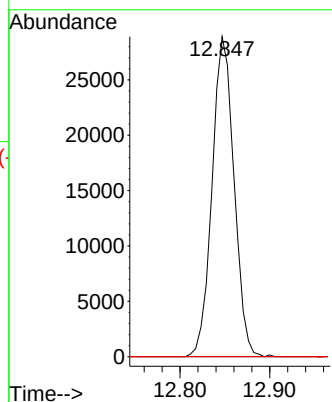
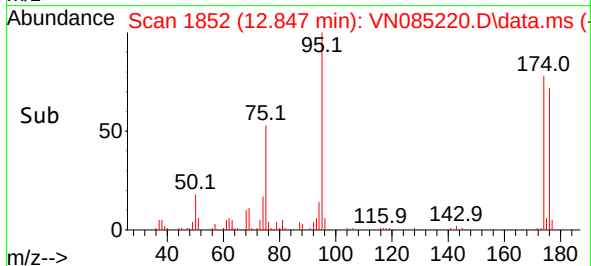


#81
trans-1,4-Dichloro-2-butene
Concen: 74.045 ug/l
RT: 12.847 min Scan# 1833
Delta R.T. 0.112 min
Lab File: VN085220.D
Acq: 17 Dec 2024 13:08

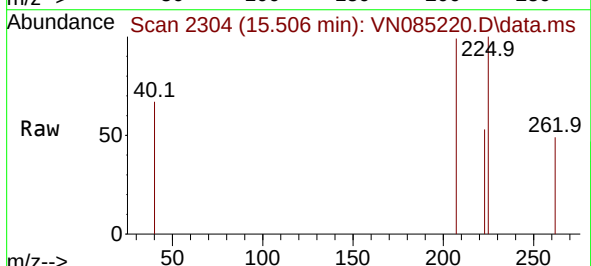
Instrument :
MSVOA_N
ClientSampleId :



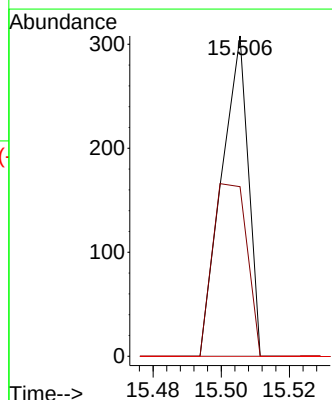
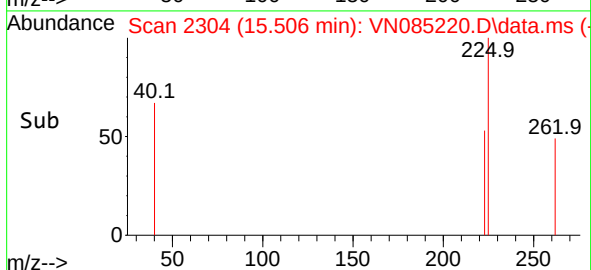
Tgt Ion: 75 Resp: 49051
Ion Ratio Lower Upper
75 100
53 0.0 78.2 117.4#
89 0.0 37.9 56.9#

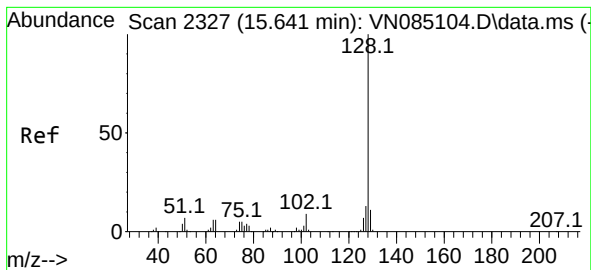


#94
Hexachlorobutadiene
Concen: 0.231 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN085220.D
Acq: 17 Dec 2024 13:08



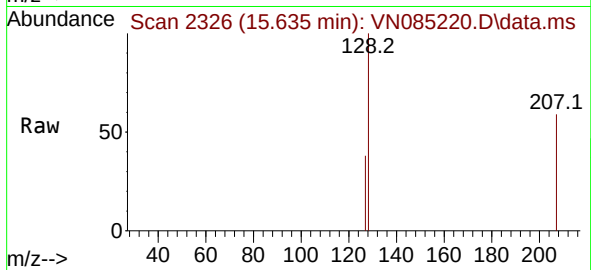
Tgt Ion: 225 Resp: 167
Ion Ratio Lower Upper
225 100
223 69.5 30.9 92.8
227 0.0 31.5 94.5#





#95
Naphthalene
Concen: 0.278 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN085220.D
Acq: 17 Dec 2024 13:08

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	1239
Ion	Ratio	Lower	Upper
128	100		
127	11.5	10.6	16.0
129	0.0	8.6	12.8#

