

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121324\
 Data File : VN085204.D
 Acq On : 13 Dec 2024 18:15
 Operator : JC\MD
 Sample : P5270-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 13 23:39:33 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)

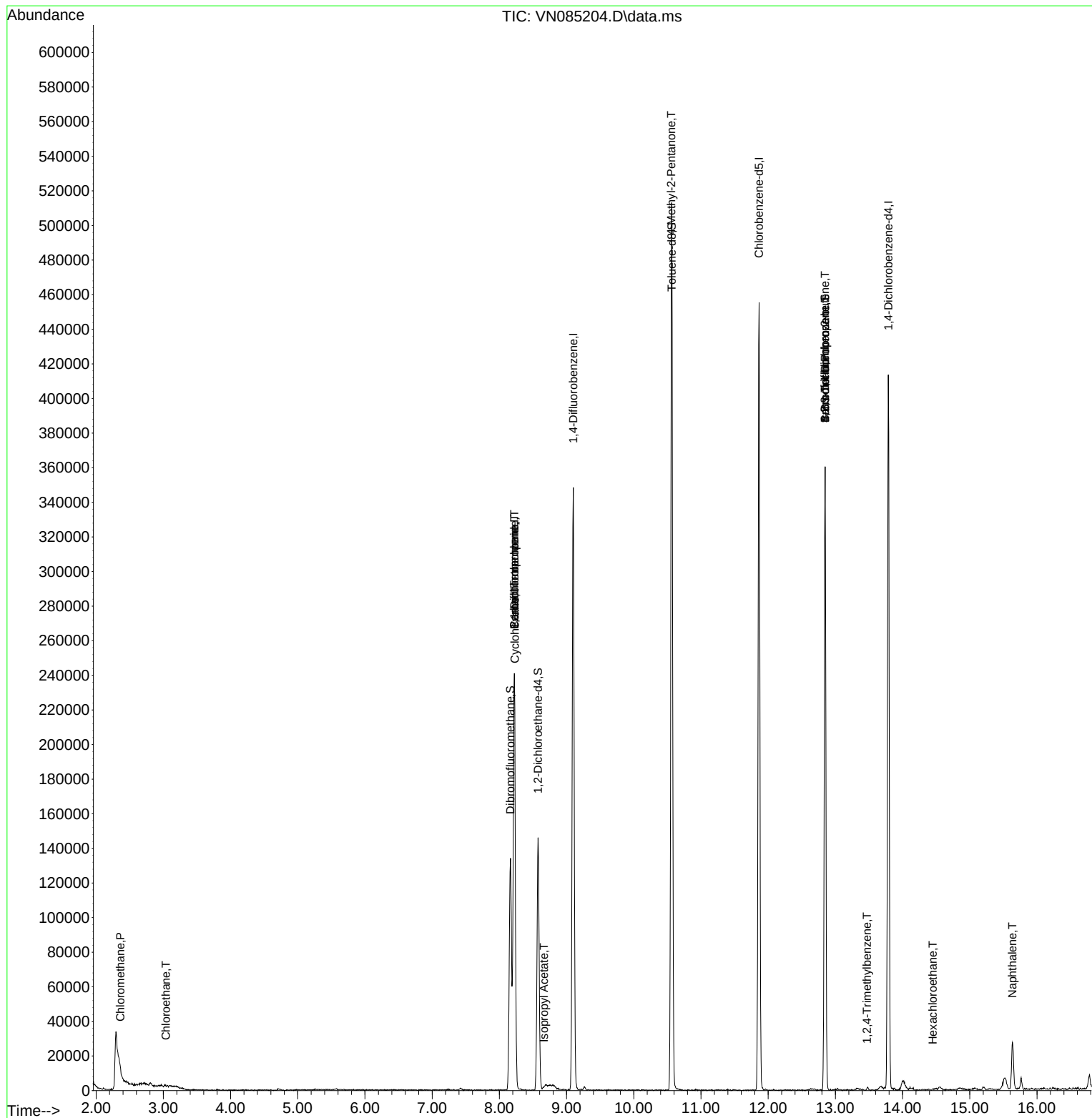
Internal Standards						
1) Pentafluorobenzene	8.224	168	175672	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	302003	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	265365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	114150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	122955	49.136	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.280%
35) Dibromofluoromethane	8.165	113	99154	48.686	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.380%
50) Toluene-d8	10.565	98	350250	47.988	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.980%
62) 4-Bromofluorobenzene	12.847	95	125526	45.989	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.980%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	993	0.431	ug/l #	40
6) Chloroethane	3.036	64	310	0.222	ug/l #	44
31) Cyclohexane	8.229	56	3491	1.047	ug/l #	6
36) 1,1-Dichloropropene	8.224	75	14004	5.077	ug/l #	50
38) Carbon Tetrachloride	8.224	117	18555	5.827	ug/l #	15
43) Isopropyl Acetate	8.665	43	1128	0.217	ug/l #	55
51) 4-Methyl-2-Pentanone	10.559	43	1494	0.628	ug/l #	1
71) Bromoform	12.847	173	655	0.416	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	65614	31.601	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	65614	69.762	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.470	105	1521	0.219	ug/l	94
90) Hexachloroethane	14.447	117	513	0.363	ug/l #	14
95) Naphthalene	15.635	128	29377	4.635	ug/l	99

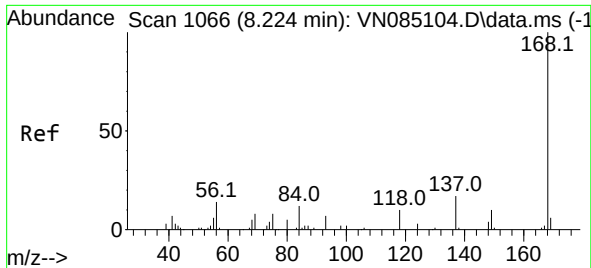
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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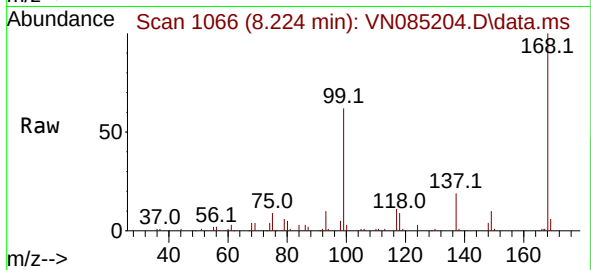
Quant Time: Dec 13 23:39:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
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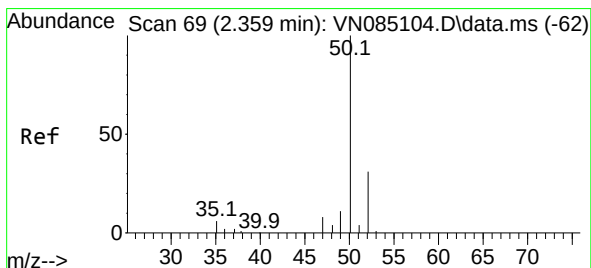
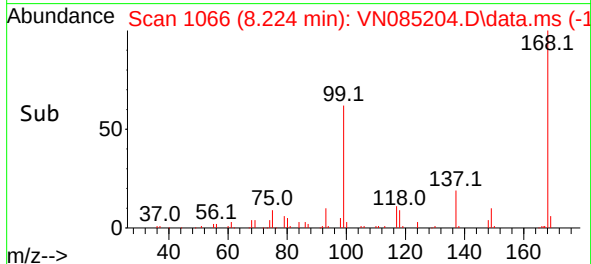
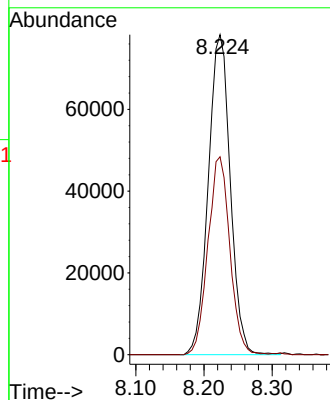


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085204.D
Acq: 13 Dec 2024 18:15

Instrument :
MSVOA_N
ClientSampleId :

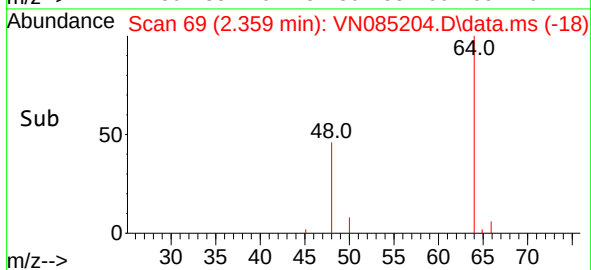
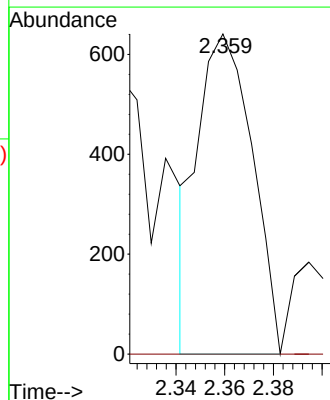
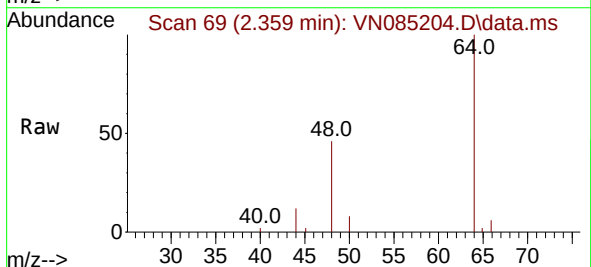


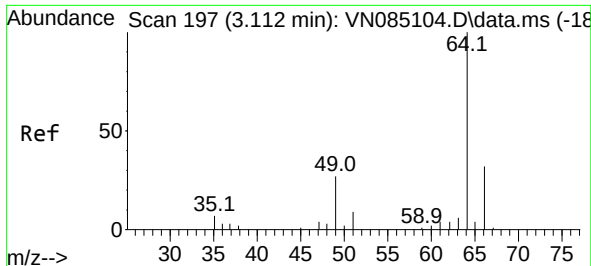
Tgt Ion:168 Resp: 175672
Ion Ratio Lower Upper
168 100
99 61.9 51.2 76.8



#3
Chloromethane
Concen: 0.431 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085204.D
Acq: 13 Dec 2024 18:15

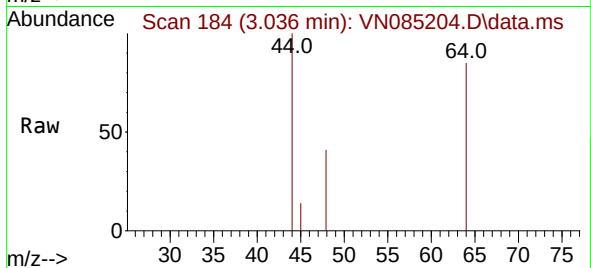
Tgt Ion: 50 Resp: 993
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#



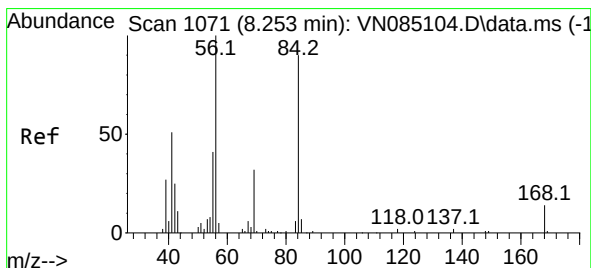
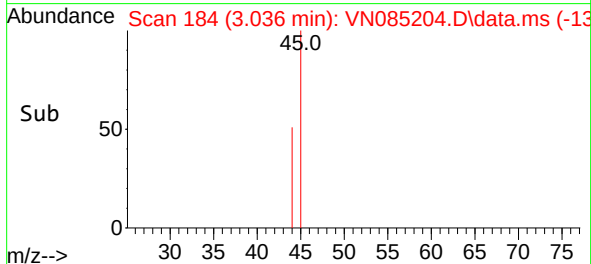
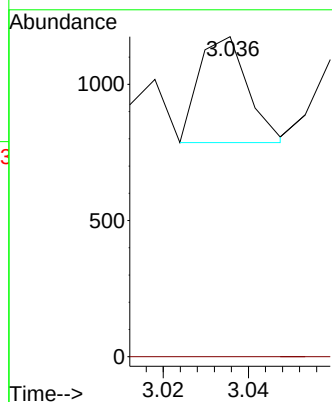


#6
Chloroethane
Concen: 0.222 ug/l
RT: 3.036 min Scan# 11
Delta R.T. -0.030 min
Lab File: VN085204.D
Acq: 13 Dec 2024 18:15

Instrument :
MSVOA_N
ClientSampleId :

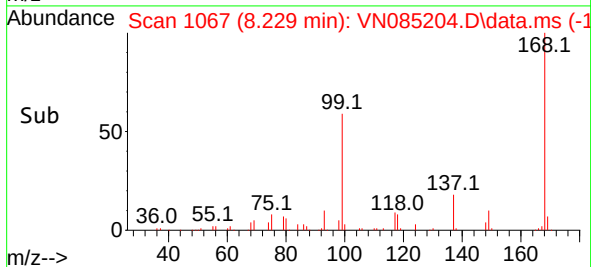
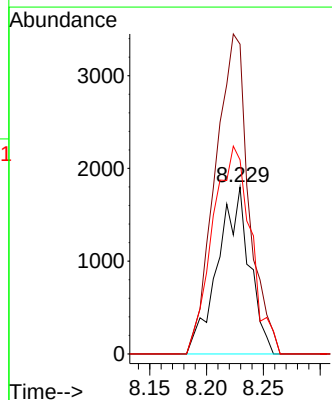
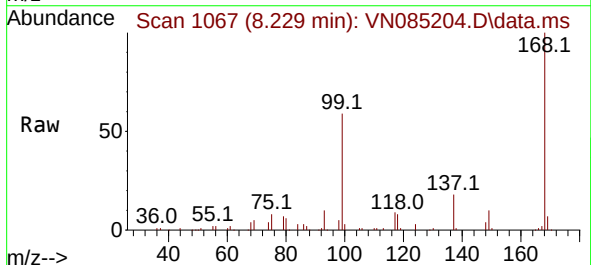


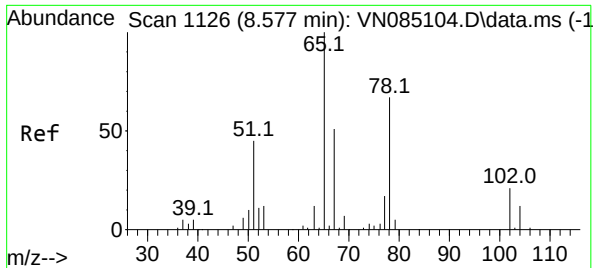
Tgt Ion: 64 Resp: 310
Ion Ratio Lower Upper
64 100
66 0.0 24.4 36.6#



#31
Cyclohexane
Concen: 1.047 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.024 min
Lab File: VN085204.D
Acq: 13 Dec 2024 18:15

Tgt Ion: 56 Resp: 3491
Ion Ratio Lower Upper
56 100
69 185.6 24.6 36.8#
84 116.3 71.4 107.2#





#33

1,2-Dichloroethane-d4

Concen: 49.136 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN085204.D

Acq: 13 Dec 2024 18:15

Instrument :

MSVOA_N

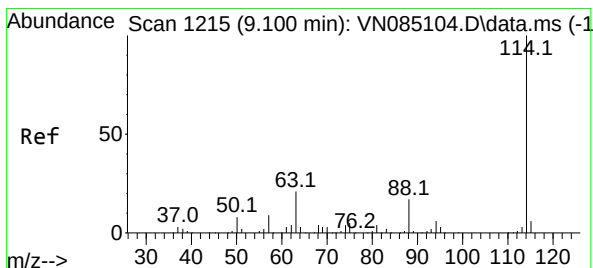
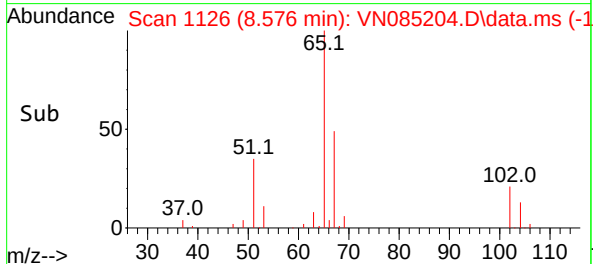
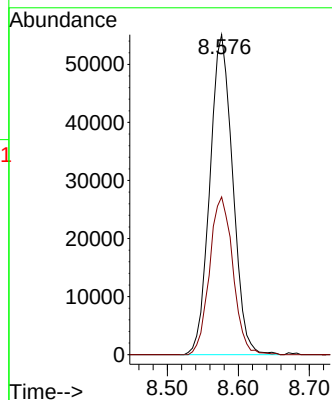
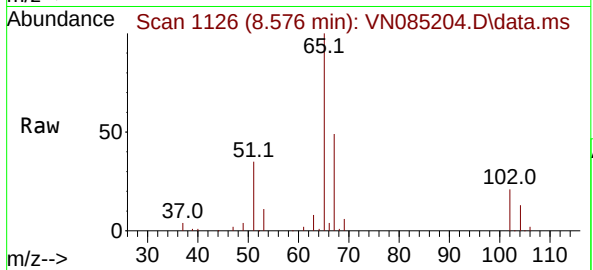
ClientSampleId :

Tgt Ion: 65 Resp: 122955

Ion Ratio Lower Upper

65 100

67 50.5 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: VN085204.D

Acq: 13 Dec 2024 18:15

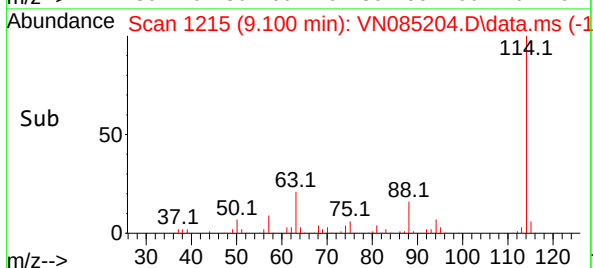
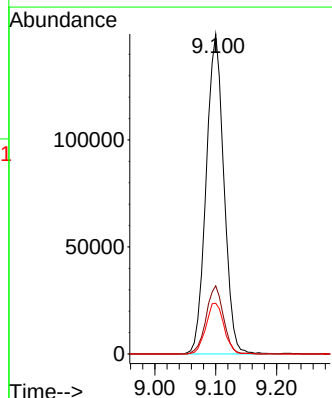
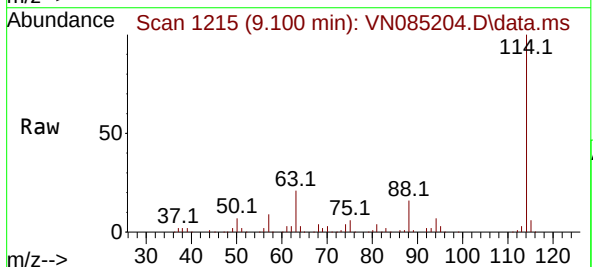
Tgt Ion: 114 Resp: 302003

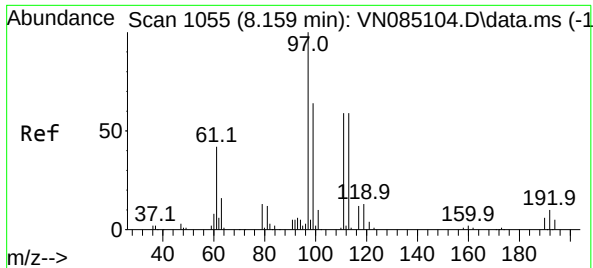
Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.0

88 15.8 0.0 34.8

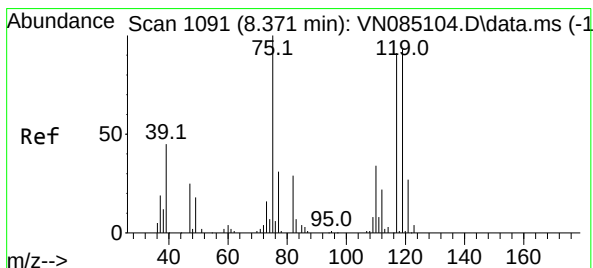
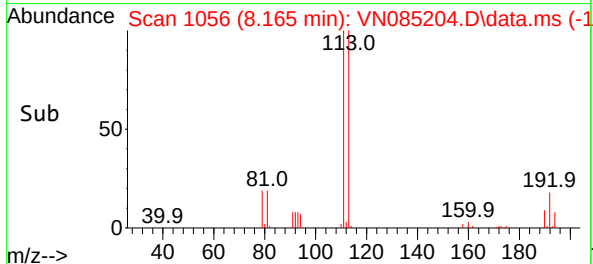
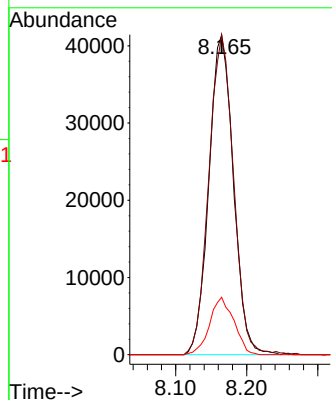
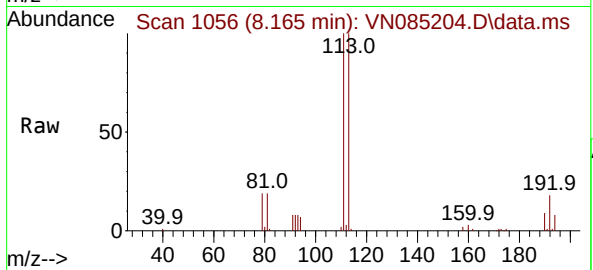




#35
Dibromofluoromethane
Concen: 48.686 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085204.D
Acq: 13 Dec 2024 18:15

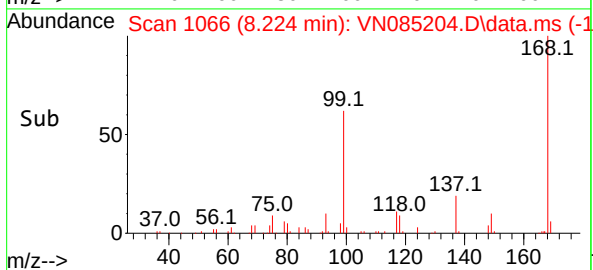
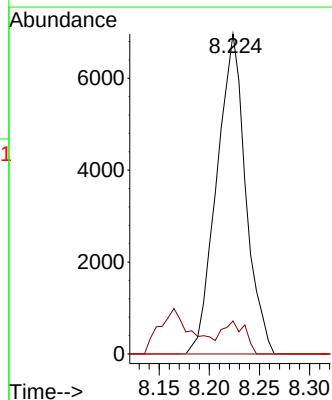
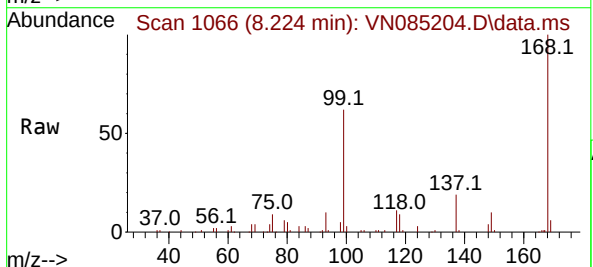
Instrument :
MSVOA_N
ClientSampleId :

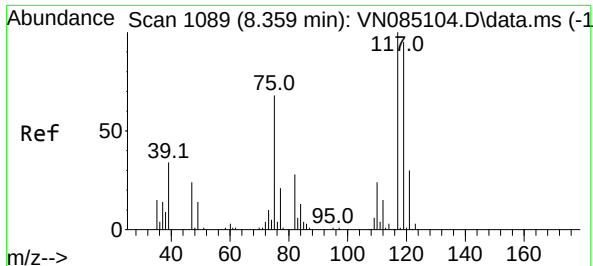
Tgt Ion:113 Resp: 99154
Ion Ratio Lower Upper
113 100
111 101.0 82.0 123.0
192 17.8 14.8 22.2



#36
1,1-Dichloropropene
Concen: 5.077 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN085204.D
Acq: 13 Dec 2024 18:15

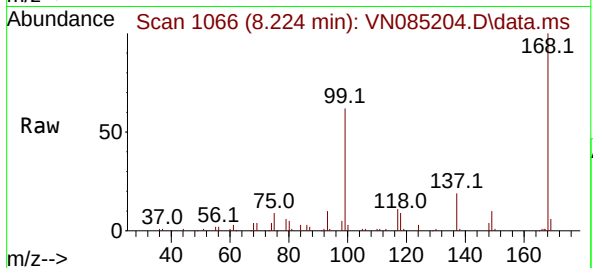
Tgt Ion: 75 Resp: 14004
Ion Ratio Lower Upper
75 100
110 8.0 17.2 51.6#
77 0.0 24.2 36.4#



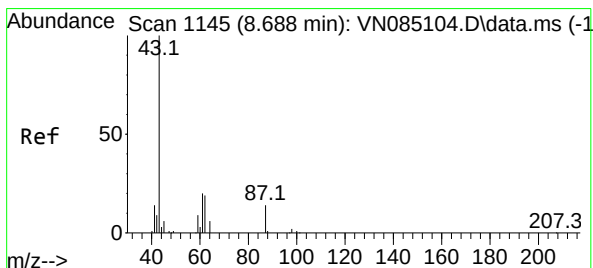
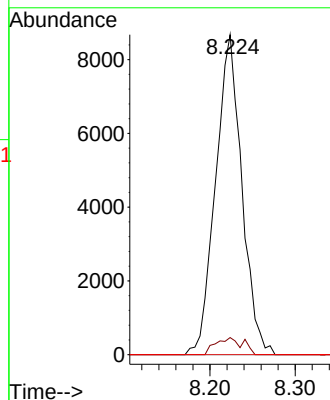
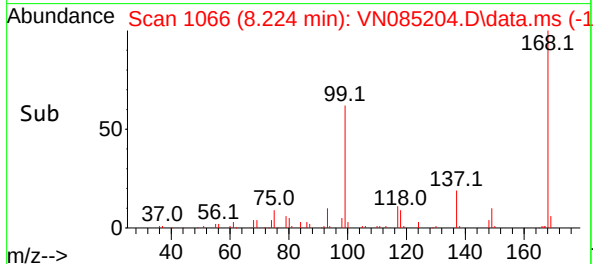


#38
Carbon Tetrachloride
Concen: 5.827 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.130 min
Lab File: VN085204.D
Acq: 13 Dec 2024 18:15

Instrument :
MSVOA_N
ClientSampleId :

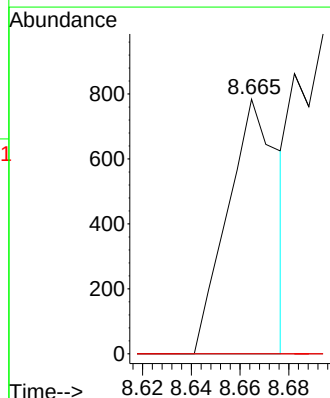
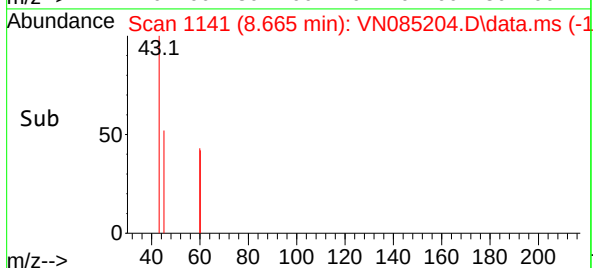
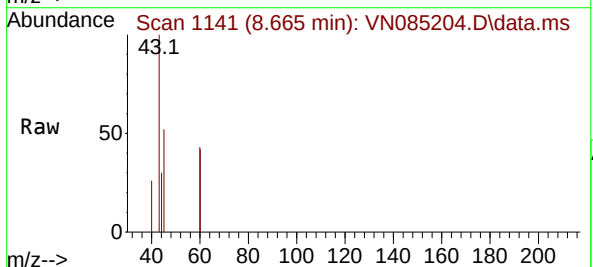


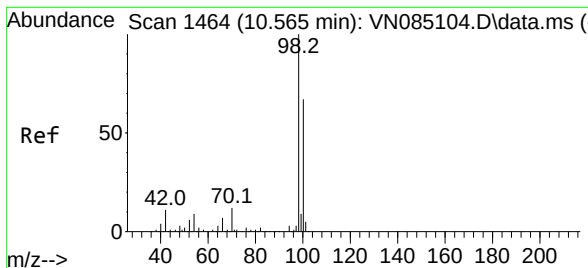
Tgt Ion:117 Resp: 18555
Ion Ratio Lower Upper
117 100
119 5.3 78.6 117.8#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 0.217 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.018 min
Lab File: VN085204.D
Acq: 13 Dec 2024 18:15

Tgt Ion: 43 Resp: 1128
Ion Ratio Lower Upper
43 100
61 0.0 20.6 30.8#
87 0.0 11.0 16.4#





#50

Toluene-d8

Concen: 47.988 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085204.D

Acq: 13 Dec 2024 18:15

Instrument :

MSVOA_N

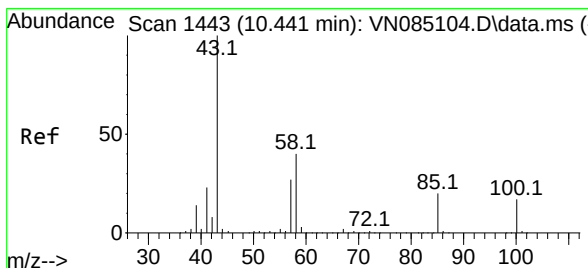
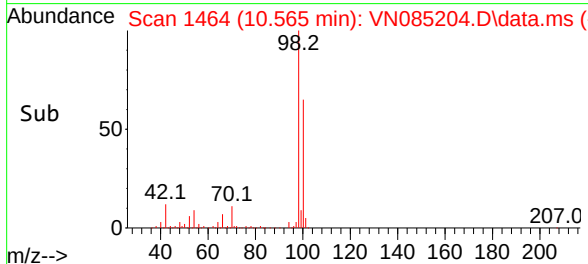
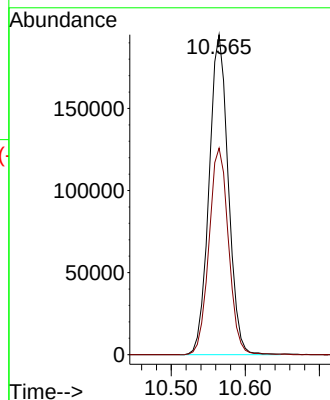
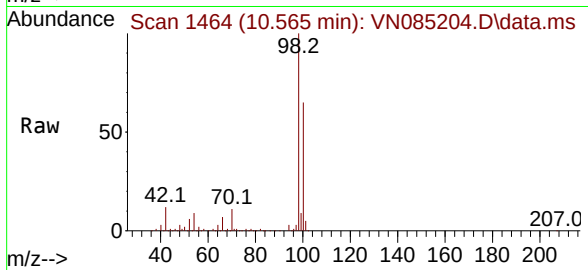
ClientSampleId :

Tgt Ion: 98 Resp: 350250

Ion Ratio Lower Upper

98 100

100 65.5 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.628 ug/l

RT: 10.559 min Scan# 1463

Delta R.T. 0.117 min

Lab File: VN085204.D

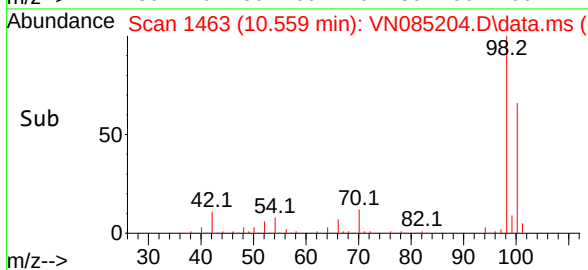
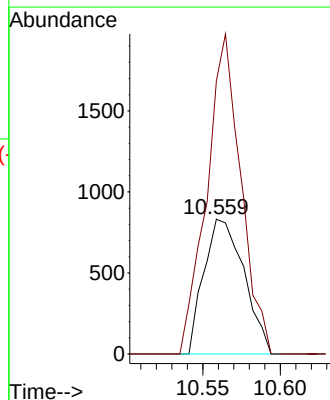
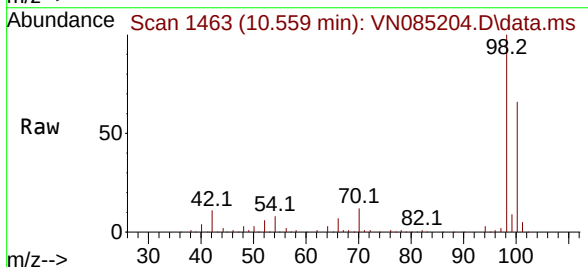
Acq: 13 Dec 2024 18:15

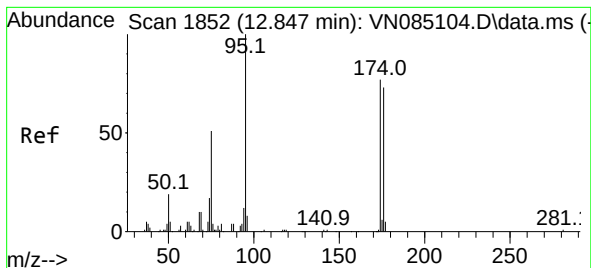
Tgt Ion: 43 Resp: 1494

Ion Ratio Lower Upper

43 100

58 202.5 32.1 48.1#

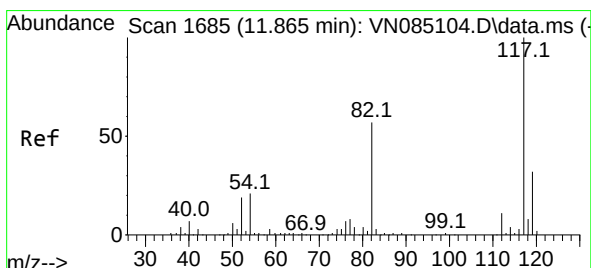
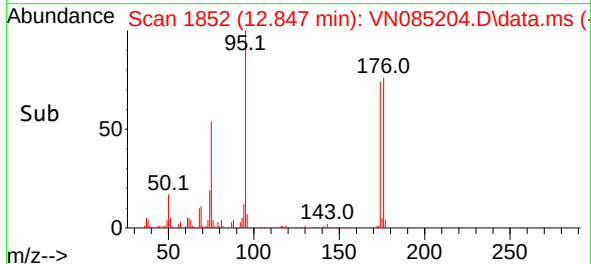
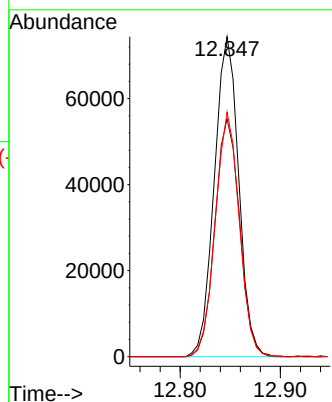
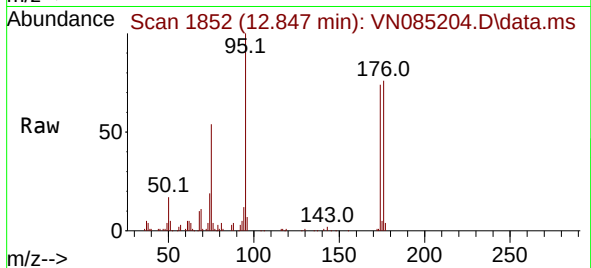




#62
4-Bromofluorobenzene
Concen: 45.989 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085204.D
Acq: 13 Dec 2024 18:15

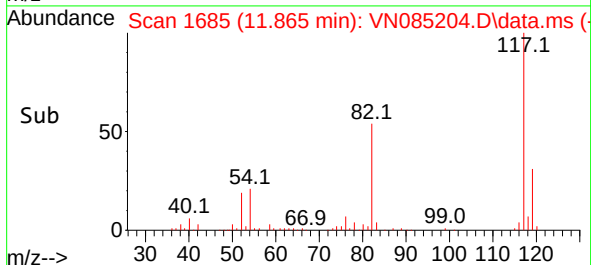
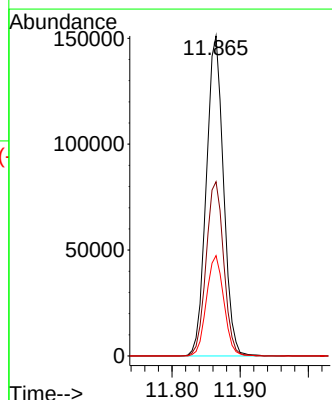
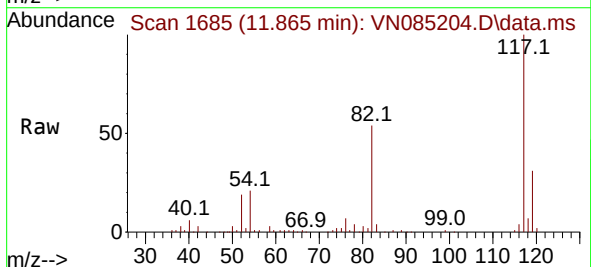
Instrument :
MSVOA_N
ClientSampleId :

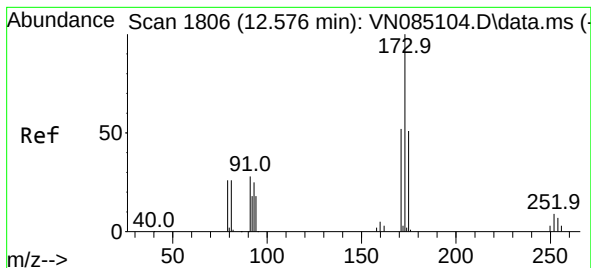
Tgt Ion: 95 Resp: 125526
Ion Ratio Lower Upper
95 100
174 75.3 0.0 146.6
176 75.3 0.0 141.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085204.D
Acq: 13 Dec 2024 18:15

Tgt Ion: 117 Resp: 265365
Ion Ratio Lower Upper
117 100
82 54.4 46.0 69.0
119 31.3 25.6 38.4





#71

Bromoform

Concen: 0.416 ug/l

RT: 12.847 min Scan# 1806

Delta R.T. 0.270 min

Lab File: VN085204.D

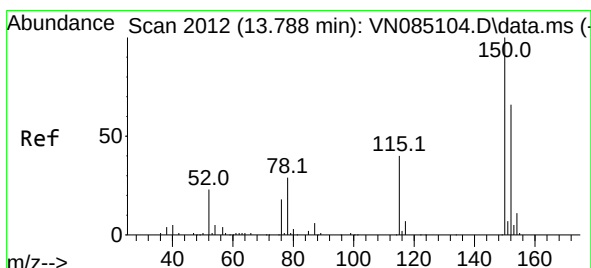
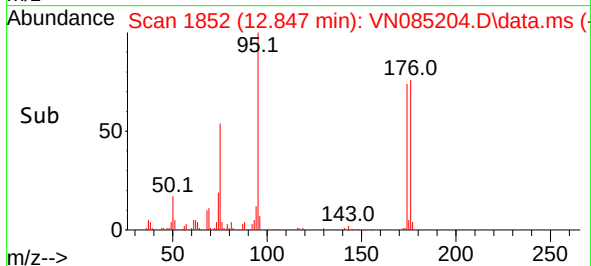
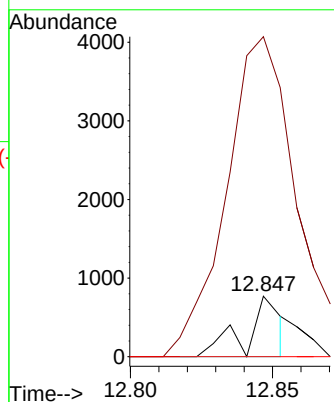
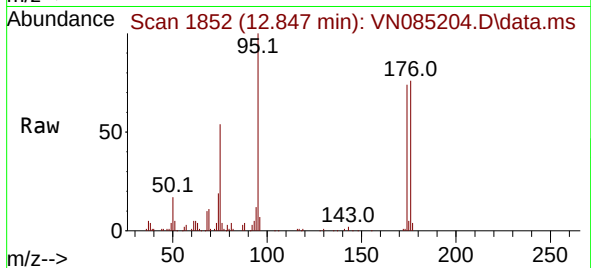
Acq: 13 Dec 2024 18:15

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	173	Resp:	655
Ion Ratio	Lower	Upper	
173	100		
175	849.5	23.8	71.2#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

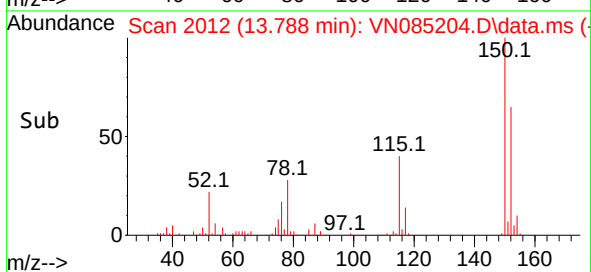
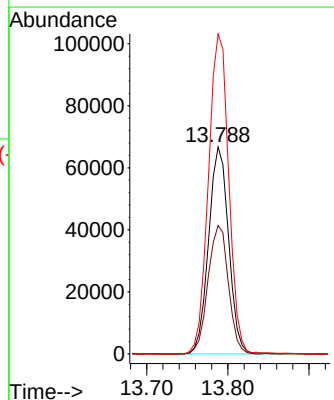
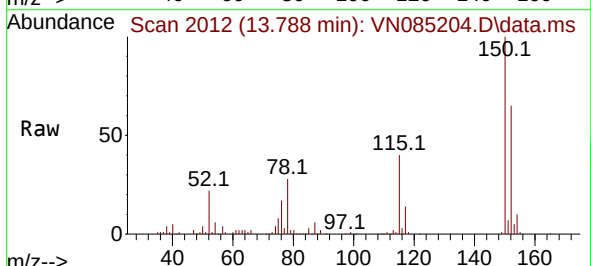
RT: 13.788 min Scan# 2012

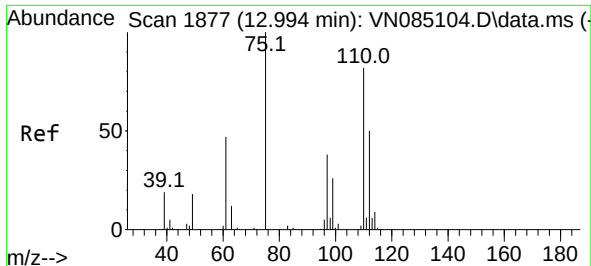
Delta R.T. -0.000 min

Lab File: VN085204.D

Acq: 13 Dec 2024 18:15

Tgt Ion:	152	Resp:	114150
Ion Ratio	Lower	Upper	
152	100		
115	63.3	31.7	95.1
150	157.2	0.0	351.4

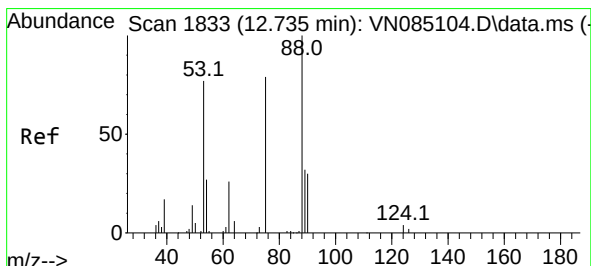
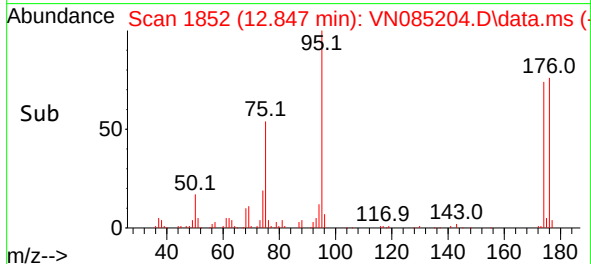
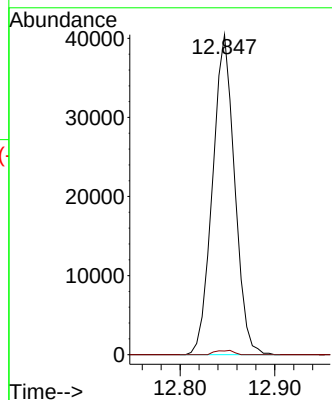
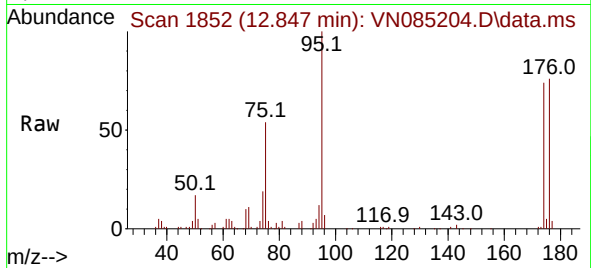




#76
1,2,3-Trichloropropane
Concen: 31.601 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN085204.D
Acq: 13 Dec 2024 18:15

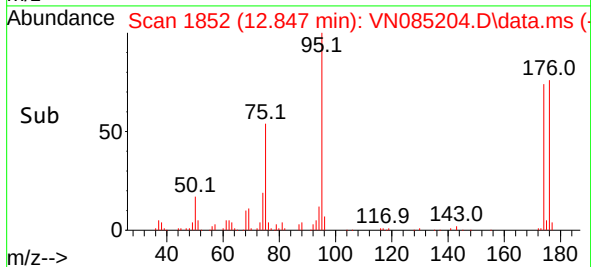
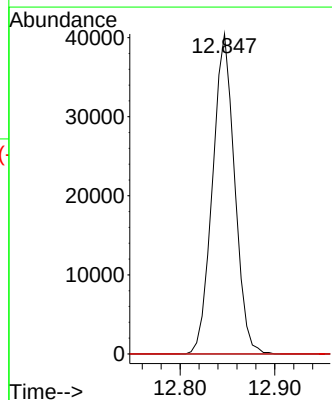
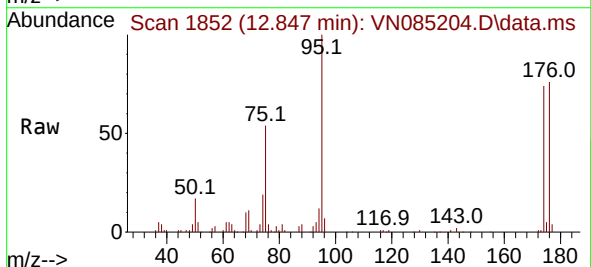
Instrument :
MSVOA_N
ClientSampleId :

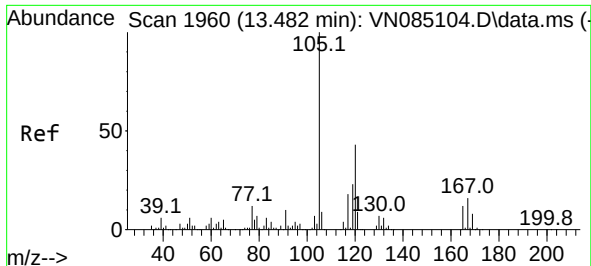
Tgt Ion: 75 Resp: 65614
Ion Ratio Lower Upper
75 100
77 1.1 109.1 327.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.762 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.111 min
Lab File: VN085204.D
Acq: 13 Dec 2024 18:15

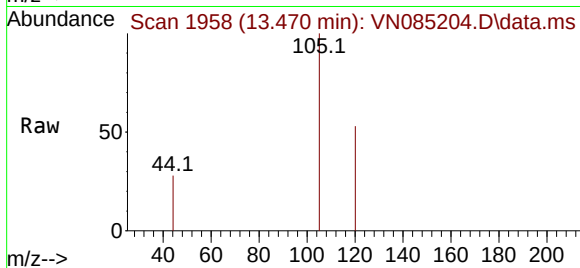
Tgt Ion: 75 Resp: 65614
Ion Ratio Lower Upper
75 100
53 0.0 78.2 117.4#
89 0.0 37.9 56.9#



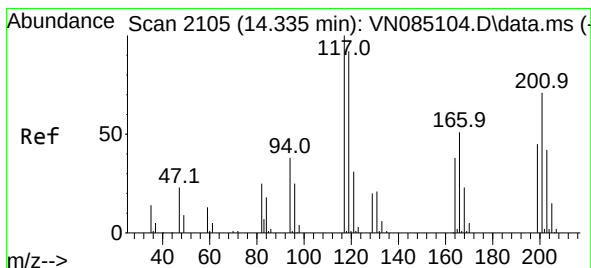
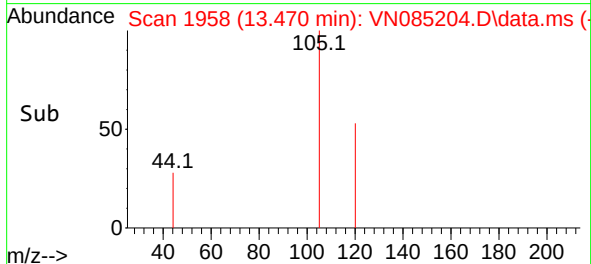
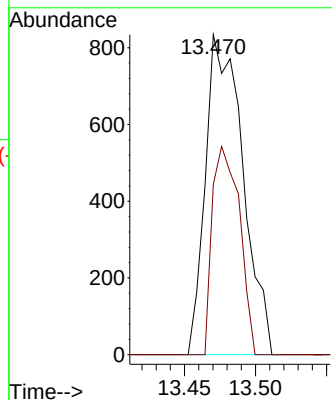


#84
1,2,4-Trimethylbenzene
Concen: 0.219 ug/l
RT: 13.470 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VN085204.D
Acq: 13 Dec 2024 18:15

Instrument :
MSVOA_N
ClientSampleId :

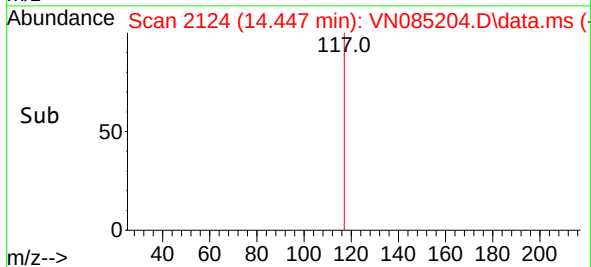
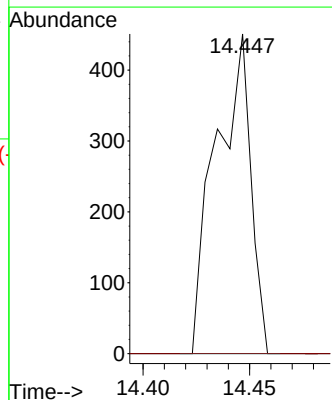
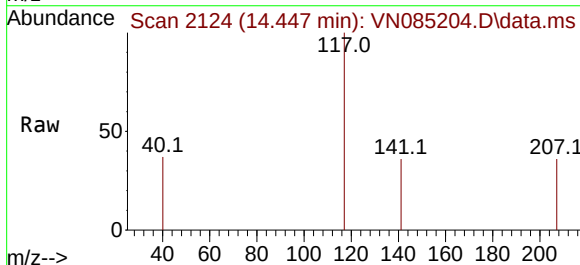


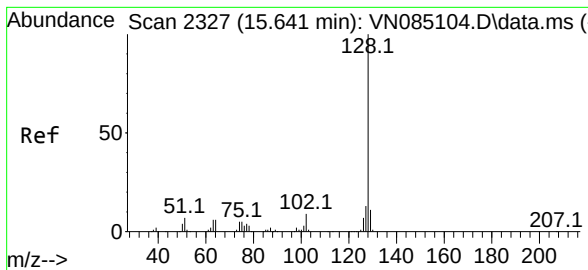
Tgt Ion:105 Resp: 1521
Ion Ratio Lower Upper
105 100
120 47.5 21.8 65.4



#90
Hexachloroethane
Concen: 0.363 ug/l
RT: 14.447 min Scan# 2124
Delta R.T. 0.117 min
Lab File: VN085204.D
Acq: 13 Dec 2024 18:15

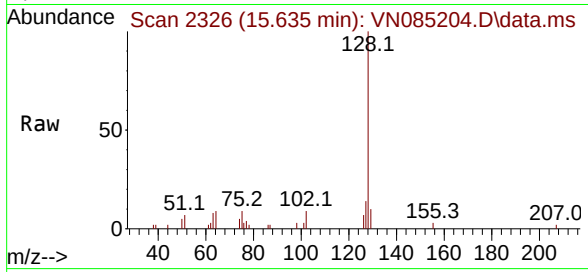
Tgt Ion:117 Resp: 513
Ion Ratio Lower Upper
117 100
201 0.0 35.2 105.6#





#95
 Naphthalene
 Concen: 4.635 ug/l
 RT: 15.635 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN085204.D
 Acq: 13 Dec 2024 18:15

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	128	Resp:	29377
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	16.0
129	10.4	8.6	12.8

