

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111824\
 Data File : VN084924.D
 Acq On : 18 Nov 2024 16:52
 Operator : JC\MD
 Sample : P4861-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-11-A-202411

Quant Time: Nov 19 00:30:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

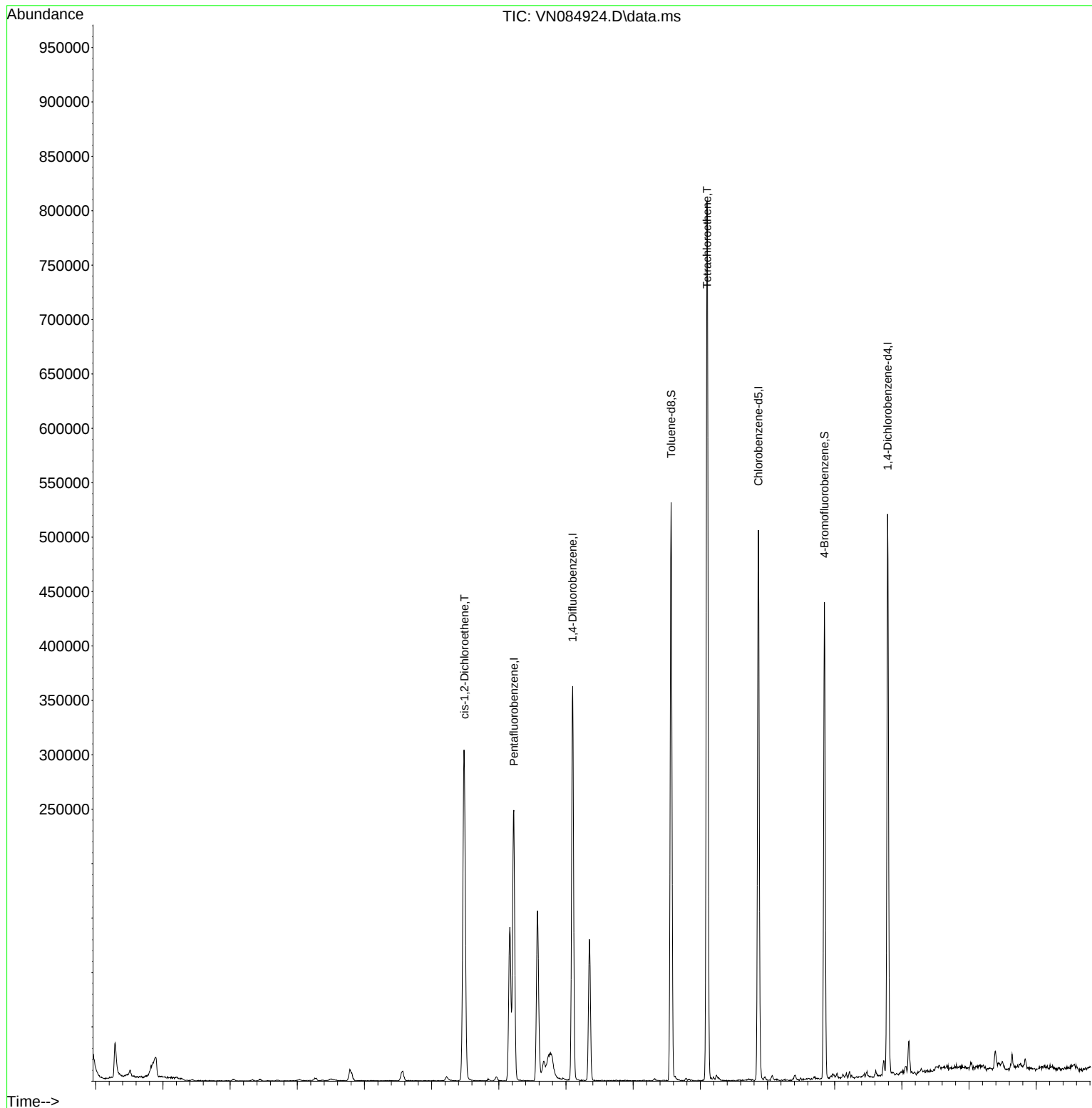
Internal Standards						
1) Pentafluorobenzene	8.224	168	175303	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	312575	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	285945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	132563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	126751	50.060	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	100.120%	
35) Dibromofluoromethane	8.165	113	99846	47.192	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	94.380%	
50) Toluene-d8	10.565	98	362247	46.479	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	92.960%	
62) 4-Bromofluorobenzene	12.847	95	155743	53.469	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	106.940%	
Target Compounds						
4) Vinyl Chloride	2.506	62	4479	2.066	ug/l #	77
19) Methyl tert-butyl Ether	5.783	73	14639	2.392	ug/l	94
24) 1,1-Dichloroethane	6.565	63	13846	3.585	ug/l	95
27) cis-1,2-Dichloroethene	7.488	96	181372	75.775	ug/l	88
30) Chloroform	7.959	83	3993	1.016	ug/l	92
40) Benzene	8.606	78	11095	1.177	ug/l	97
42) 1,2-Dichloroethane	8.665	62	8263	2.708	ug/l	100
44) Trichloroethene	9.347	130	47544	21.877	ug/l	100
64) Tetrachloroethene	11.100	164	186140	97.865	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	11726	2.504	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	5039	1.966	ug/l	87
95) Naphthalene	15.641	128	11339	1.478	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.829	180	3125	1.256	ug/l	88

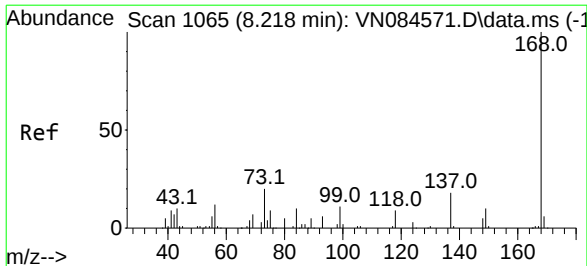
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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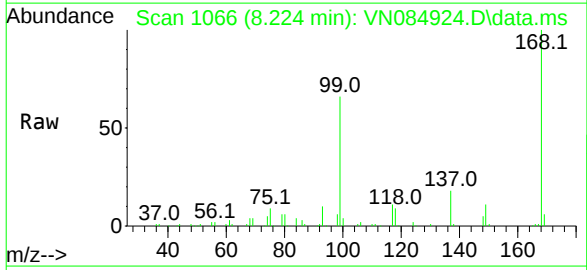
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Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
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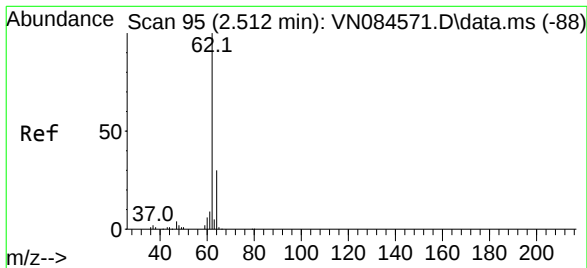
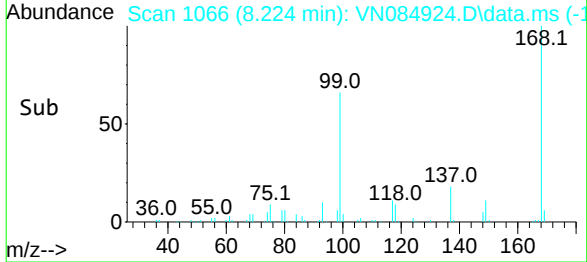
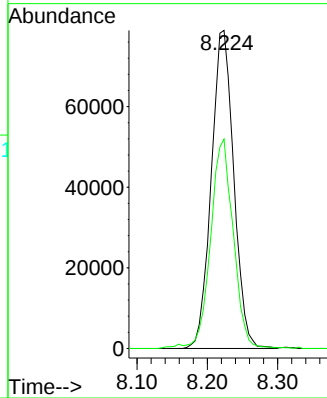


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

Instrument :
MSVOA_N
ClientSampleId :
WC-11-A-202411

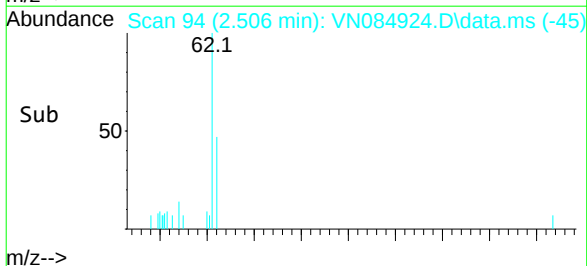
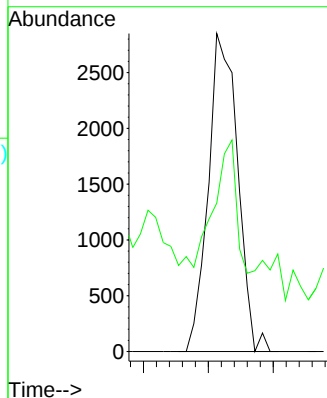
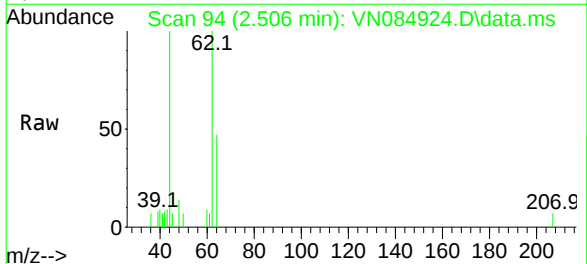


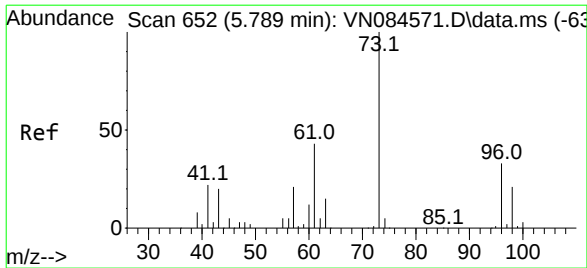
Tgt Ion: 168 Resp: 175303
Ion Ratio Lower Upper
168 100
99 65.6 54.2 81.2



#4
Vinyl Chloride
Concen: 2.066 ug/l
RT: 2.506 min Scan# 94
Delta R.T. -0.012 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

Tgt Ion: 62 Resp: 4479
Ion Ratio Lower Upper
62 100
64 19.6 26.2 39.4

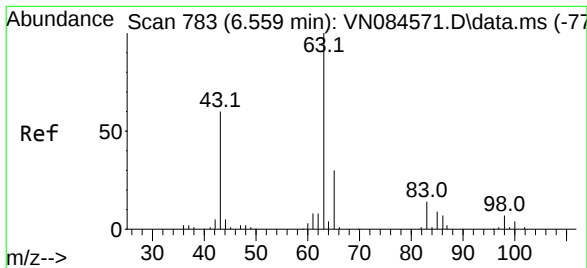
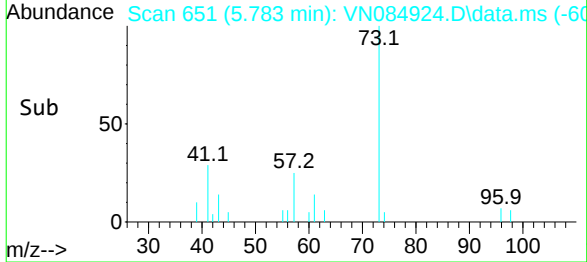
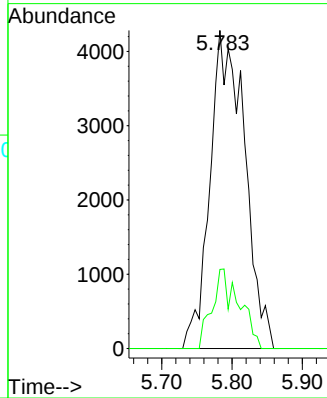
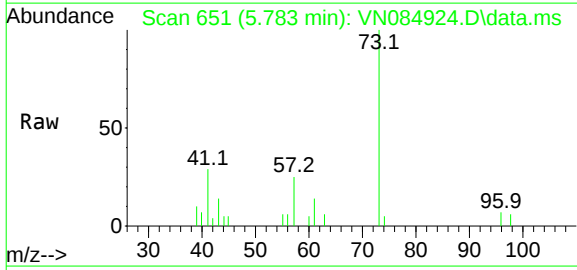




#19
Methyl tert-butyl Ether
Concen: 2.392 ug/l
RT: 5.783 min Scan# 65
Delta R.T. -0.012 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

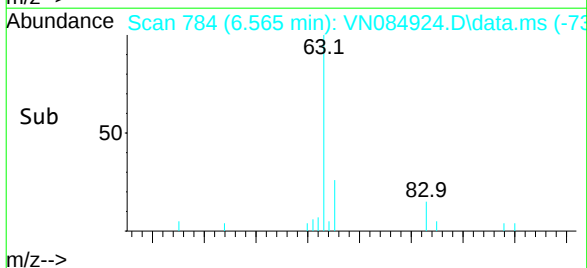
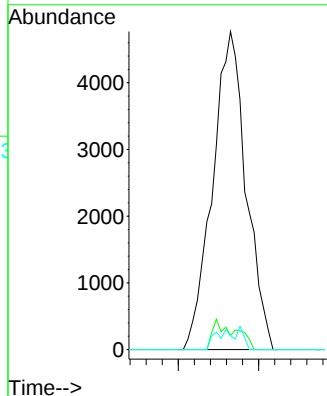
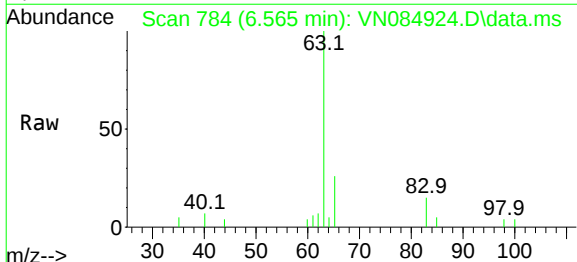
Instrument :
MSVOA_N
ClientSampleId :
WC-11-A-202411

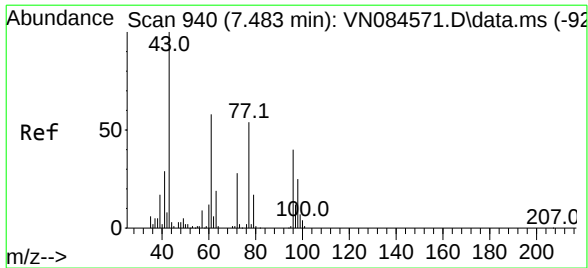
Tgt Ion: 73 Resp: 14639
Ion Ratio Lower Upper
73 100
57 24.9 17.7 26.5



#24
1,1-Dichloroethane
Concen: 3.585 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.006 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

Tgt Ion: 63 Resp: 13846
Ion Ratio Lower Upper
63 100
98 4.4 3.4 10.2
100 4.3 2.0 5.8

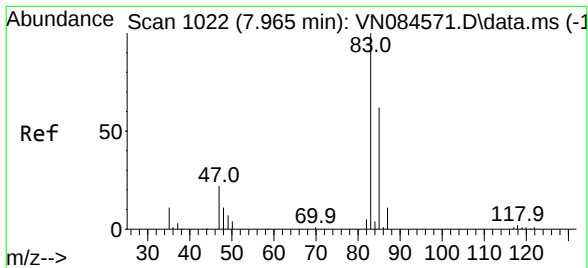
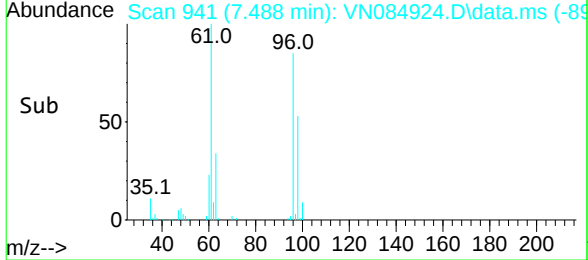
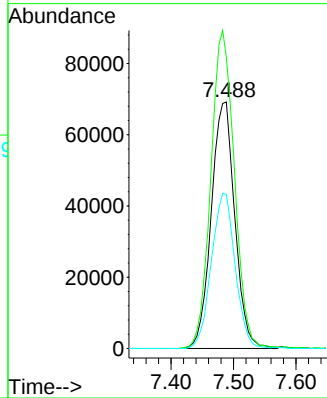
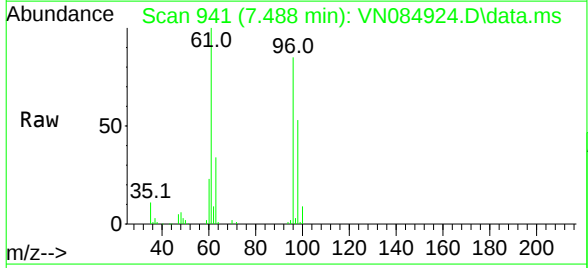




#27
 cis-1,2-Dichloroethene
 Concen: 75.775 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN084924.D
 Acq: 18 Nov 2024 16:52

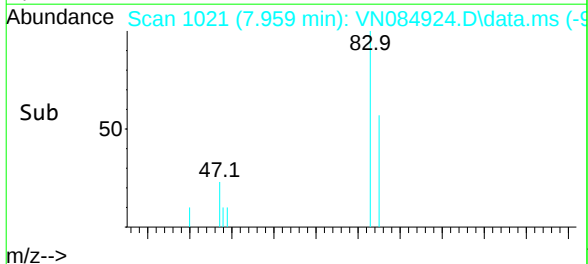
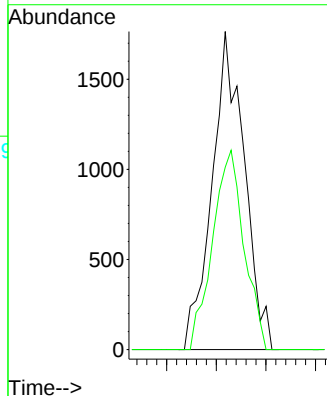
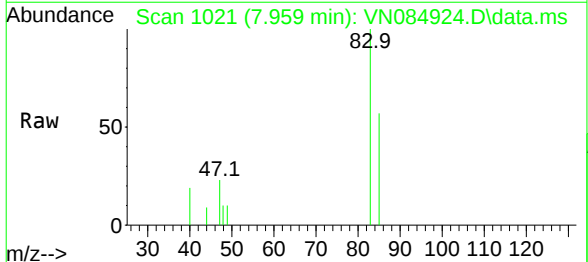
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-11-A-202411

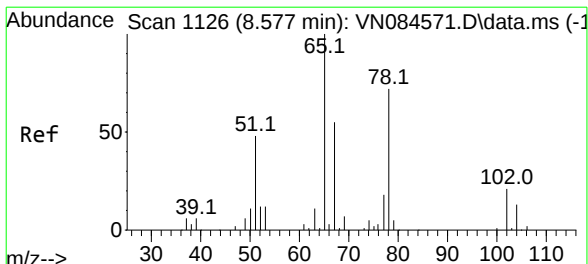
Tgt Ion: 96 Resp: 181372
 Ion Ratio Lower Upper
 96 100
 61 129.0 0.0 301.8
 98 63.4 0.0 128.2



#30
 Chloroform
 Concen: 1.016 ug/l
 RT: 7.959 min Scan# 1021
 Delta R.T. -0.006 min
 Lab File: VN084924.D
 Acq: 18 Nov 2024 16:52

Tgt Ion: 83 Resp: 3993
 Ion Ratio Lower Upper
 83 100
 85 57.3 51.0 76.4

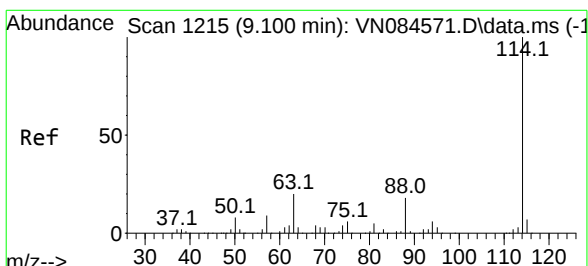
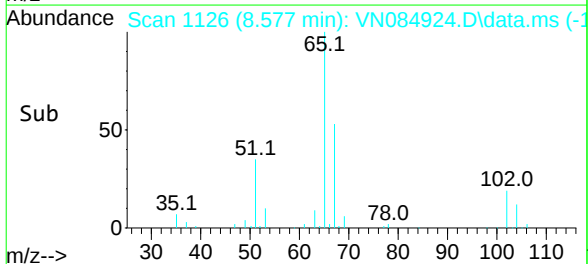
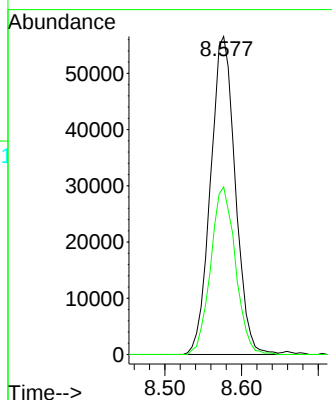
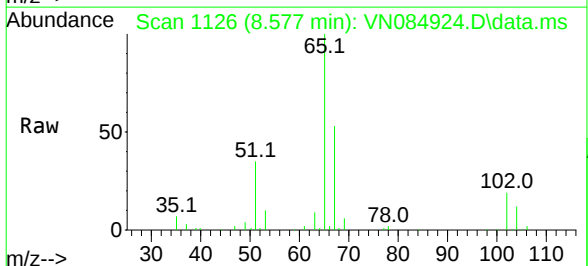




#33
 1,2-Dichloroethane-d4
 Concen: 50.060 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN084924.D
 Acq: 18 Nov 2024 16:52

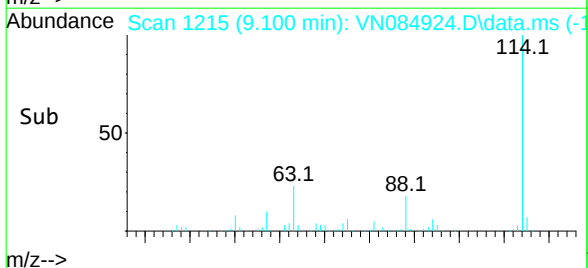
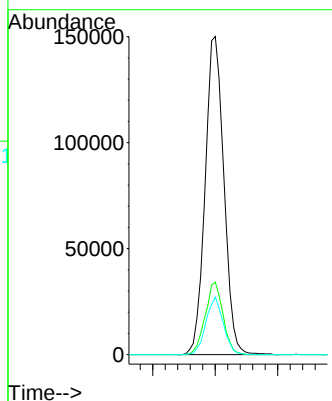
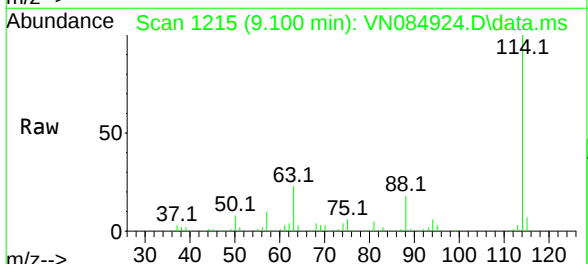
Instrument :
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 ClientSampleId :
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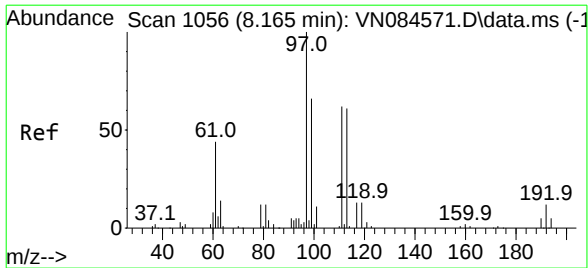
Tgt Ion:	65	Resp:	126751
Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084924.D
 Acq: 18 Nov 2024 16:52

Tgt Ion:	114	Resp:	312575
Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	43.8
88	18.1	0.0	31.6

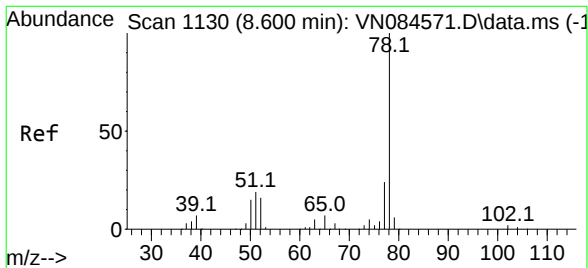
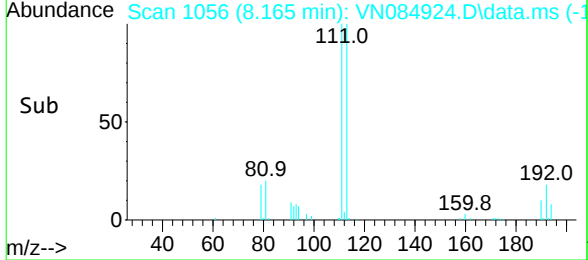
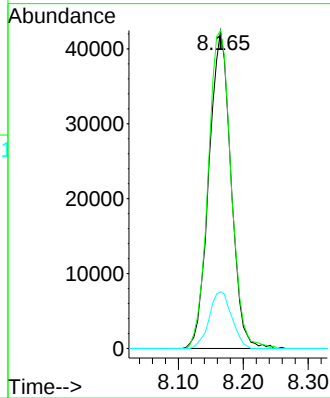
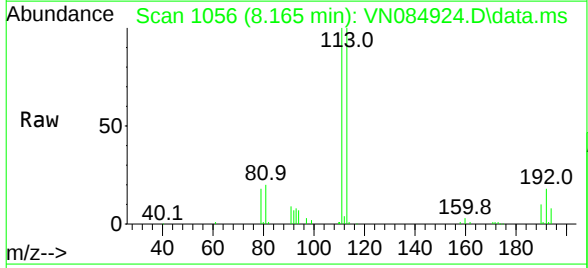




#35
Dibromofluoromethane
Concen: 47.192 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

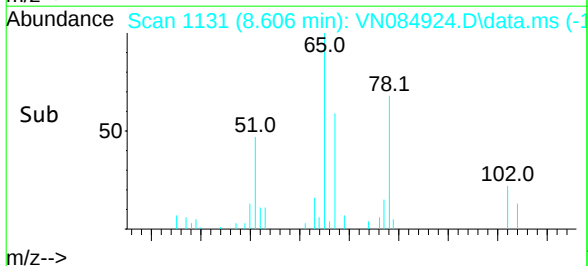
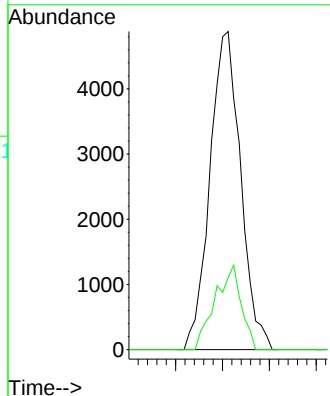
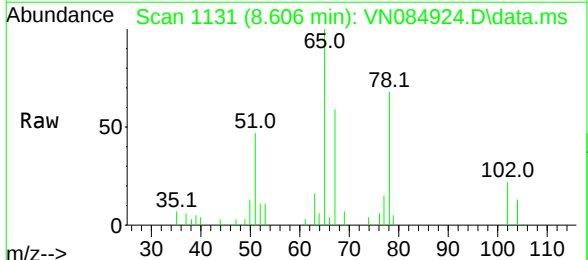
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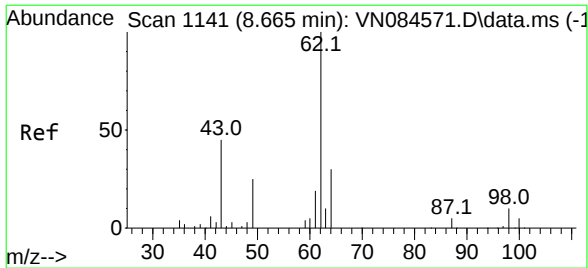
Tgt Ion: 113 Resp: 99846
Ion Ratio Lower Upper
113 100
111 104.4 83.3 124.9
192 18.2 13.5 20.3



#40
Benzene
Concen: 1.177 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

Tgt Ion: 78 Resp: 11095
Ion Ratio Lower Upper
78 100
77 22.7 19.1 28.7

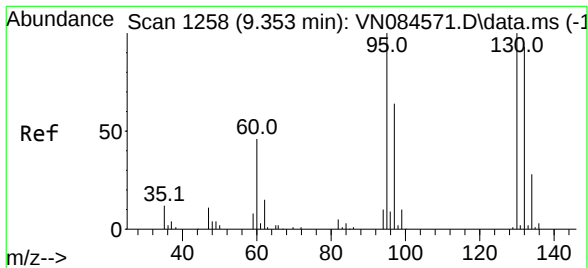
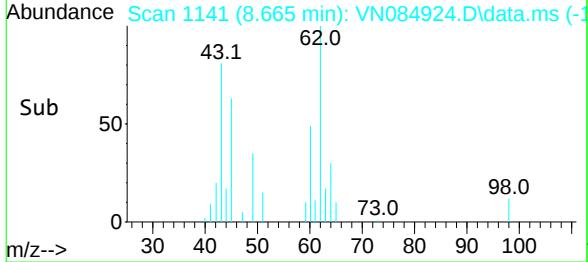
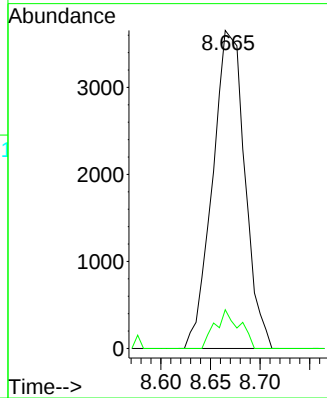
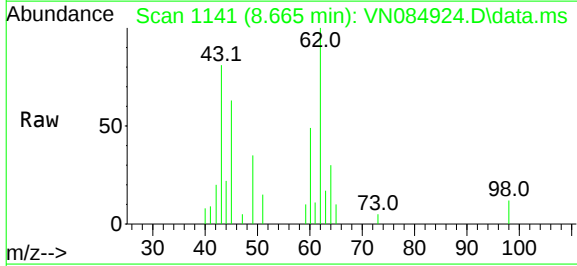




#42
1,2-Dichloroethane
Concen: 2.708 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

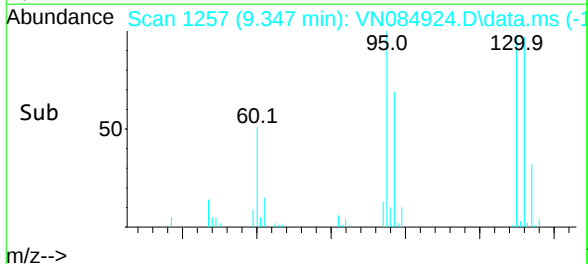
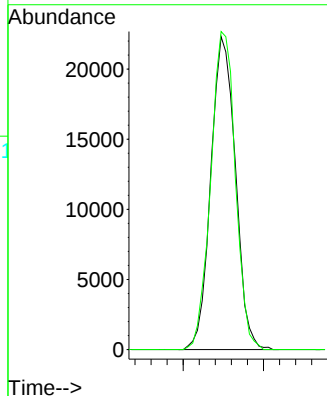
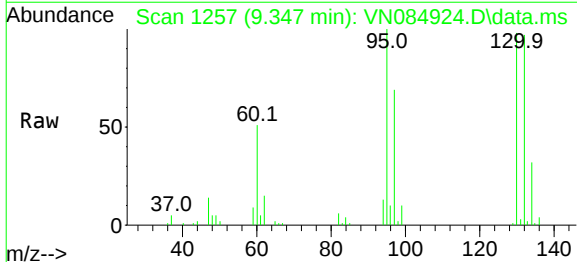
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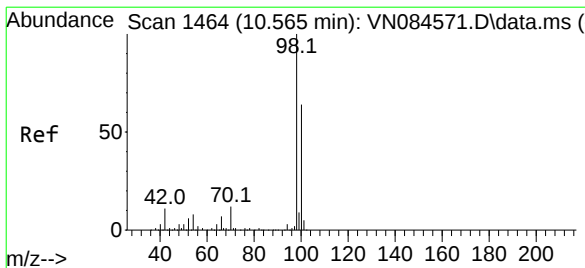
Tgt Ion: 62 Resp: 8263
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.2



#44
Trichloroethene
Concen: 21.877 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

Tgt Ion: 130 Resp: 47544
Ion Ratio Lower Upper
130 100
95 101.6 0.0 203.0





#50

Toluene-d8

Concen: 46.479 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084924.D

Acq: 18 Nov 2024 16:52

Instrument :

MSVOA_N

ClientSampleId :

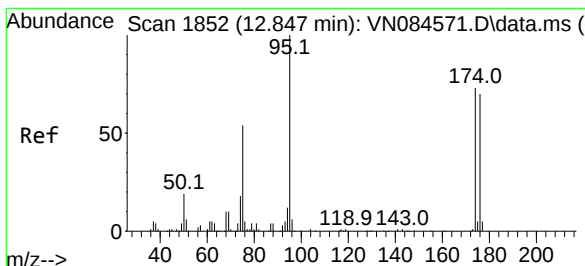
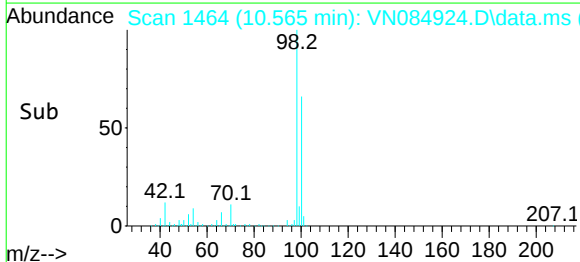
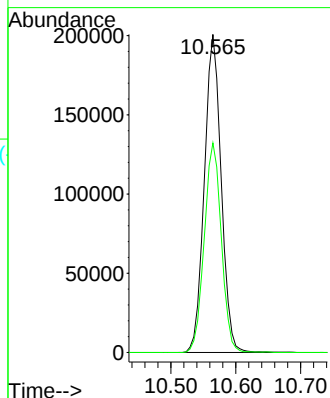
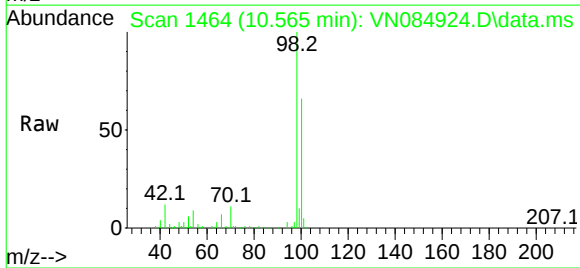
WC-11-A-202411

Tgt Ion: 98 Resp: 362247

Ion Ratio Lower Upper

98 100

100 66.7 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 53.469 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084924.D

Acq: 18 Nov 2024 16:52

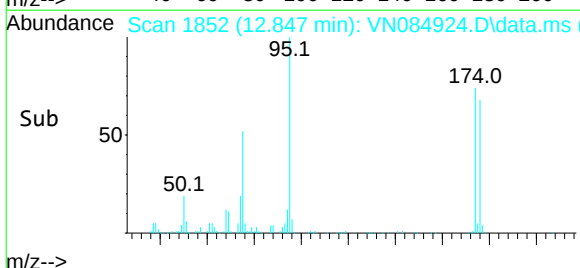
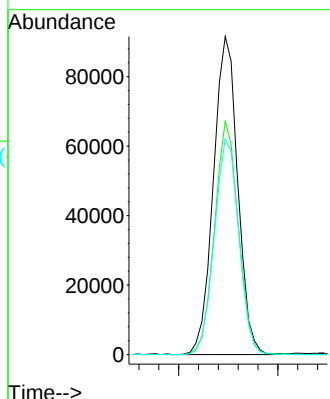
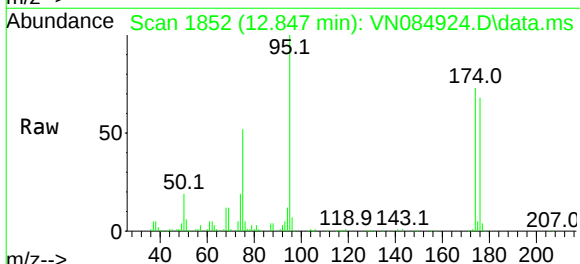
Tgt Ion: 95 Resp: 155743

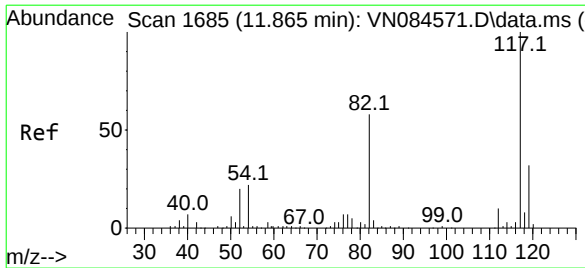
Ion Ratio Lower Upper

95 100

174 71.7 0.0 145.2

176 68.2 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: VN084924.D

Acq: 18 Nov 2024 16:52

Instrument :

MSVOA_N

ClientSampleId :

WC-11-A-202411

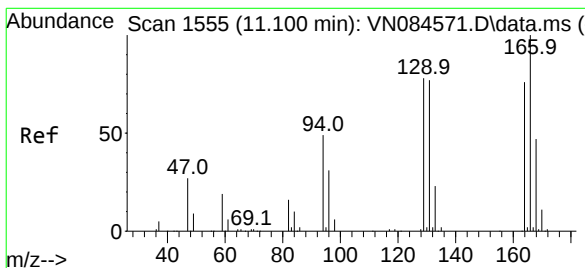
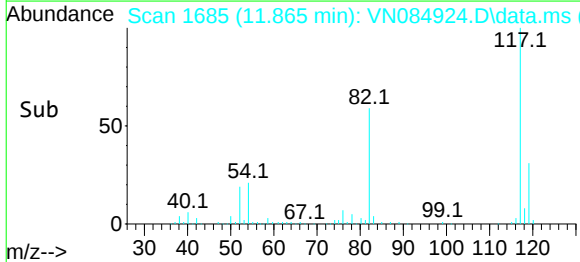
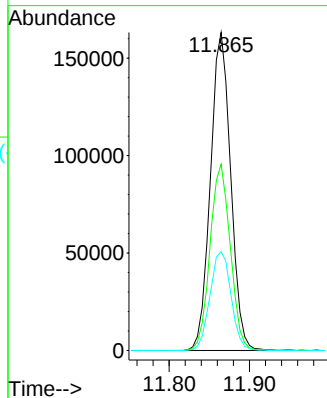
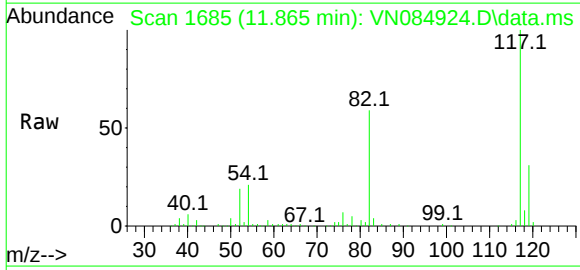
Tgt Ion:117 Resp: 285945

Ion Ratio Lower Upper

117 100

82 58.6 47.2 70.8

119 31.1 25.4 38.0



#64

Tetrachloroethene

Concen: 97.865 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VN084924.D

Acq: 18 Nov 2024 16:52

Tgt Ion:164 Resp: 186140

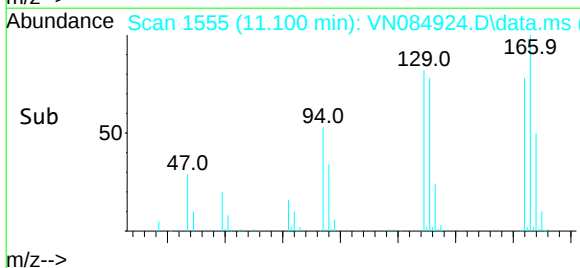
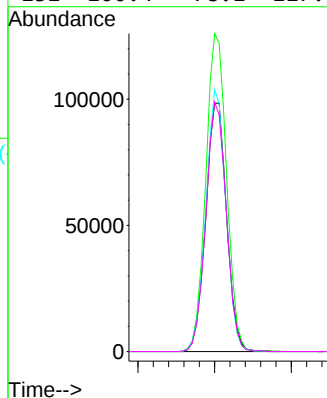
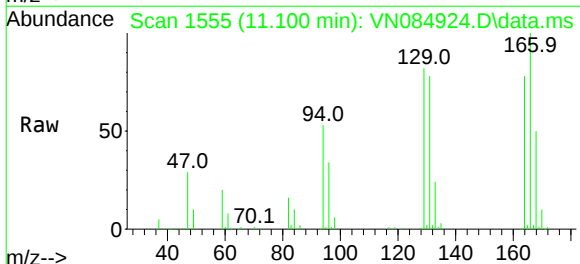
Ion Ratio Lower Upper

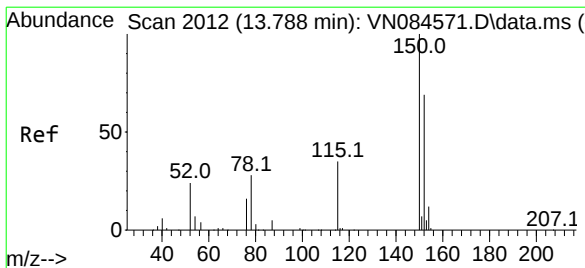
164 100

166 128.0 101.0 151.4

129 105.3 80.8 121.2

131 100.4 78.1 117.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN084924.D

Acq: 18 Nov 2024 16:52

Instrument :

MSVOA_N

ClientSampleId :

WC-11-A-202411

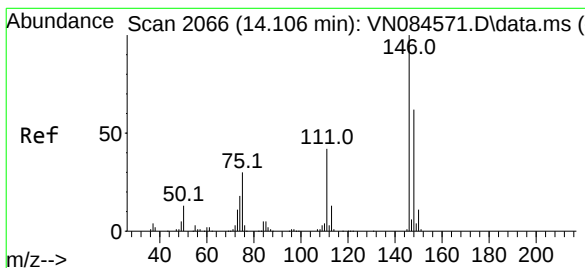
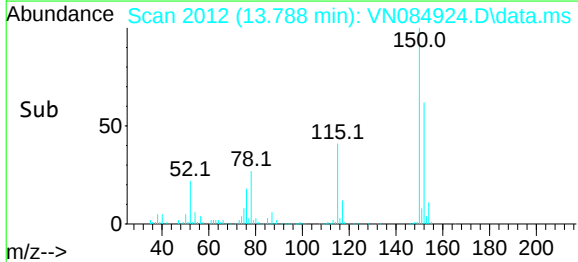
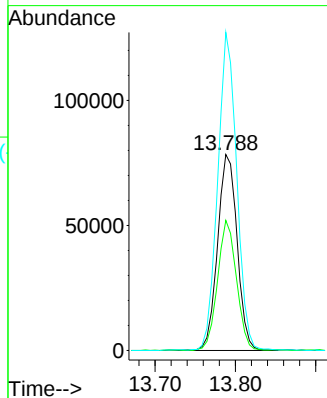
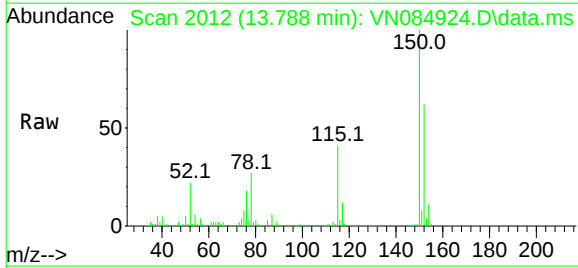
Tgt Ion:152 Resp: 132563

Ion Ratio Lower Upper

152 100

115 64.2 31.3 93.9

150 158.3 0.0 349.8



#91

1,2-Dichlorobenzene

Concen: 2.504 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN084924.D

Acq: 18 Nov 2024 16:52

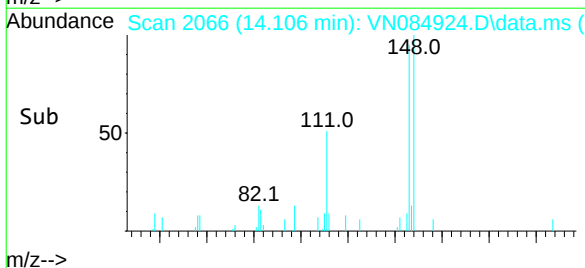
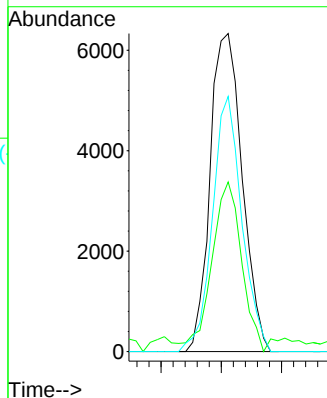
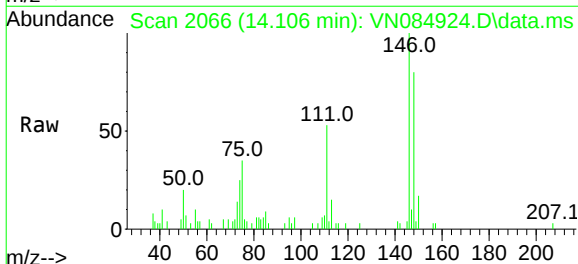
Tgt Ion:146 Resp: 11726

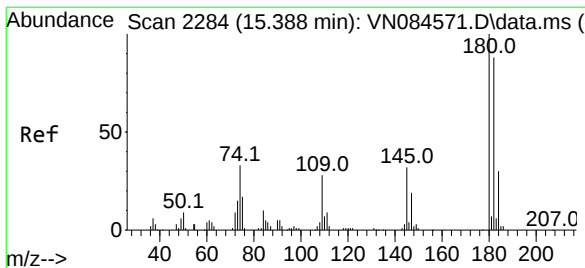
Ion Ratio Lower Upper

146 100

111 49.4 22.0 66.0

148 73.5 32.1 96.3





#93

1,2,4-Trichlorobenzene

Concen: 1.966 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.006 min

Lab File: VN084924.D

Acq: 18 Nov 2024 16:52

Instrument :

MSVOA_N

ClientSampleId :

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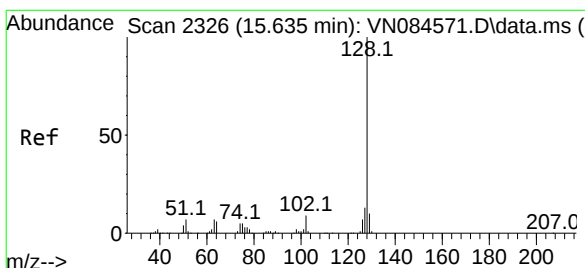
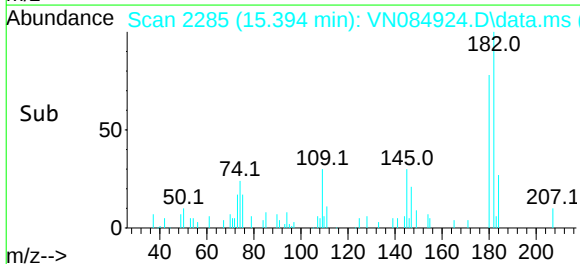
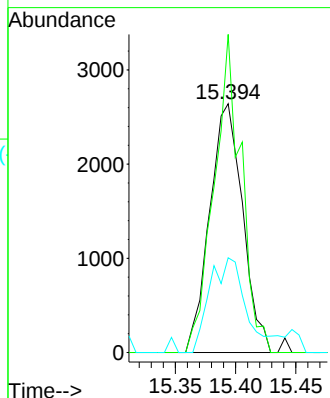
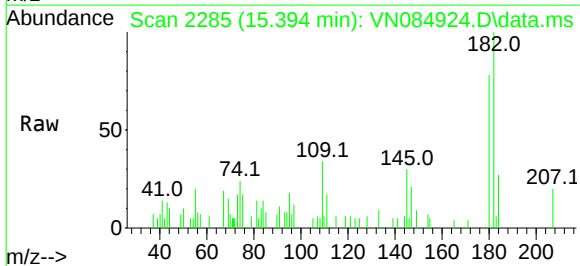
Tgt Ion:180 Resp: 5039

Ion Ratio Lower Upper

180 100

182 105.7 47.0 141.0

145 41.5 16.4 49.4



#95

Naphthalene

Concen: 1.478 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN084924.D

Acq: 18 Nov 2024 16:52

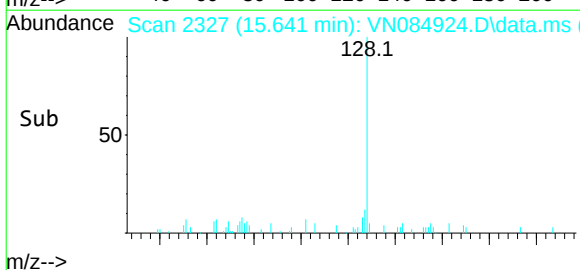
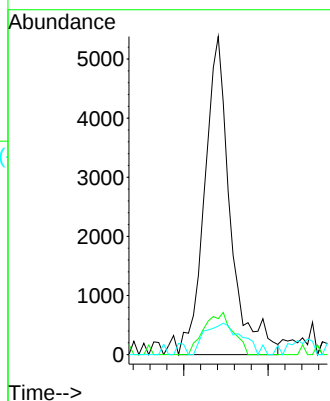
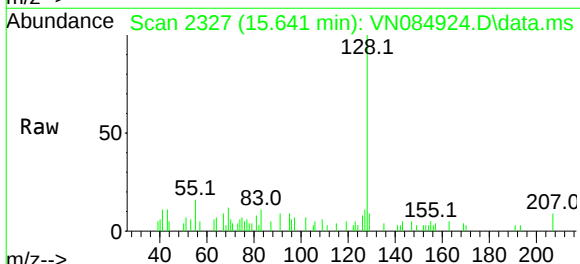
Tgt Ion:128 Resp: 11339

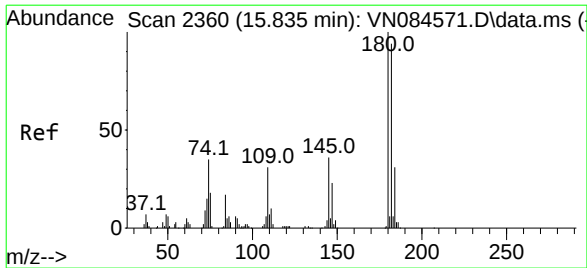
Ion Ratio Lower Upper

128 100

127 14.9 10.5 15.7

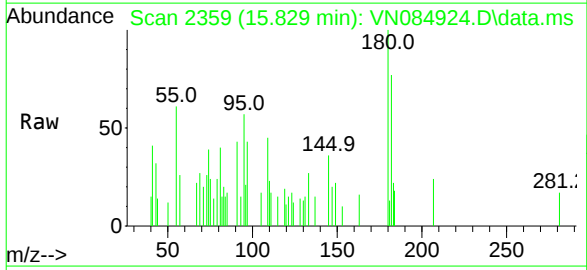
129 14.3 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.256 ug/l
 RT: 15.829 min Scan# 23
 Delta R.T. -0.006 min
 Lab File: VN084924.D
 Acq: 18 Nov 2024 16:52

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-11-A-202411



Tgt Ion:	180	Resp:	3125
Ion	Ratio	Lower	Upper
180	100		
182	85.7	48.2	144.6
145	44.3	17.3	51.9

