

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120324\
 Data File : VN085077.D
 Acq On : 03 Dec 2024 15:06
 Operator : JC\MD
 Sample : P5050-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-SOIL-REF-6

Quant Time: Dec 03 23:51:00 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)

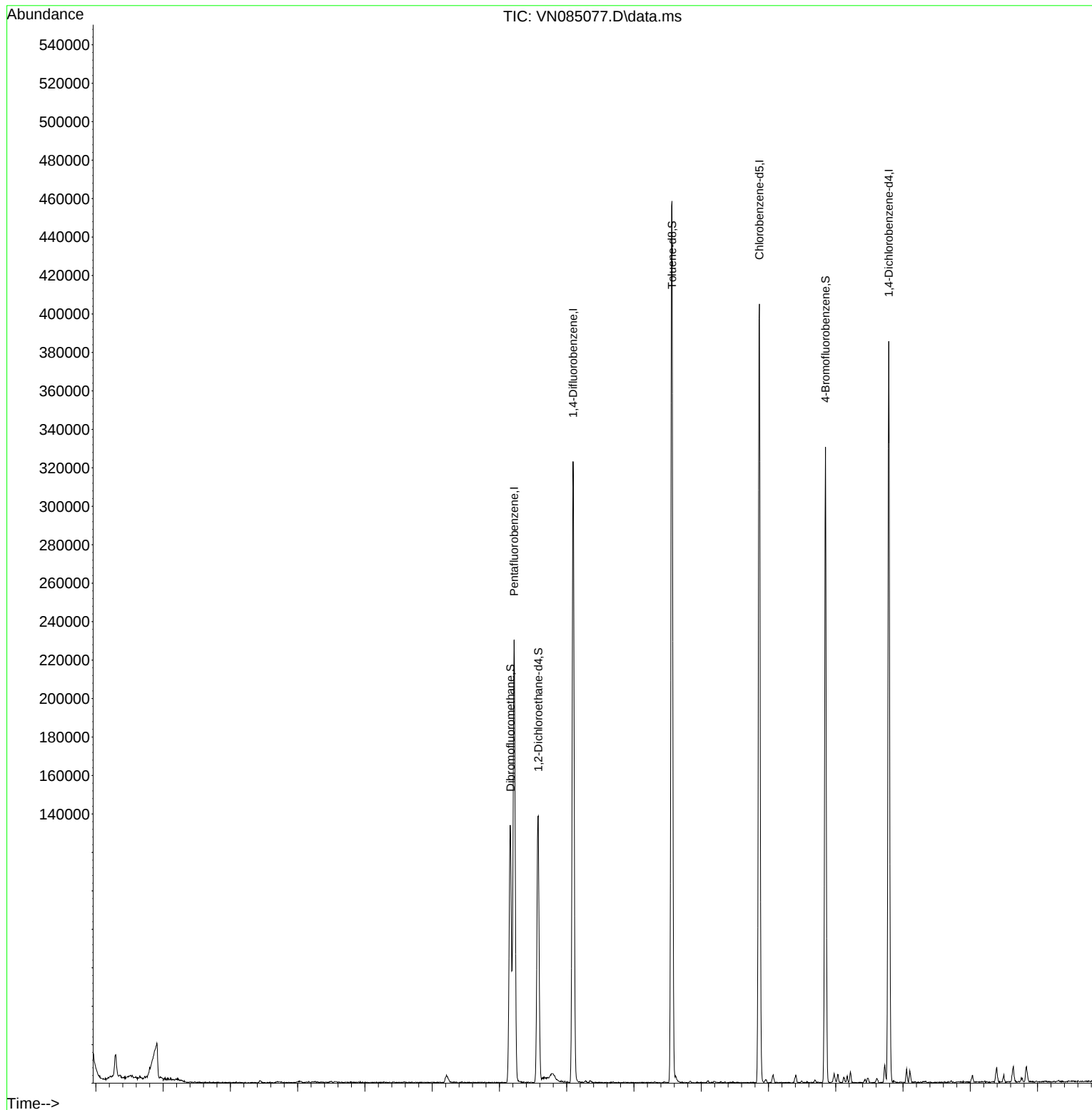
Internal Standards						
1) Pentafluorobenzene	8.218	168	164459	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	284796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	237285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	101708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115145	49.153	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.300%		
35) Dibromofluoromethane	8.165	113	97067	50.541	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.080%		
50) Toluene-d8	10.565	98	322293	46.825	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.660%		
62) 4-Bromofluorobenzene	12.847	95	115956	45.050	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	90.100%		
Target Compounds						
93) 1,2,4-Trichlorobenzene	15.394	180	3204	1.616	ug/l	99
95) Naphthalene	15.635	128	8303	1.470	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	3544	1.873	ug/l	95

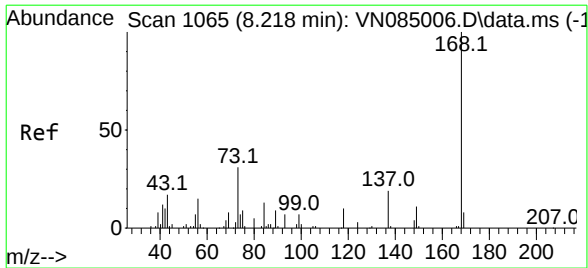
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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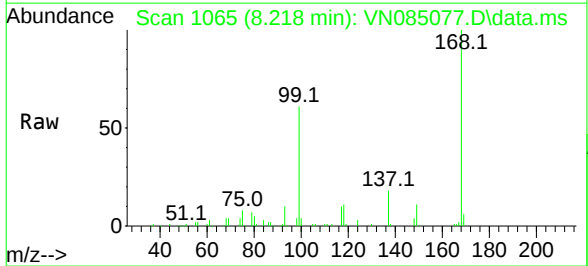
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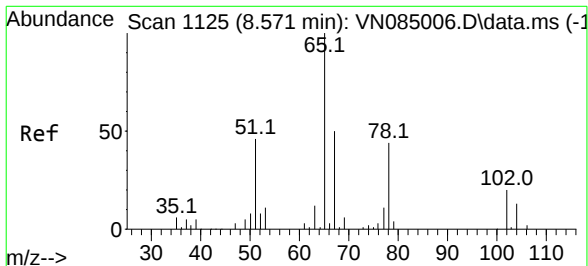
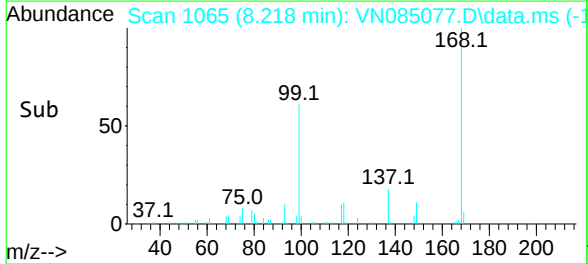
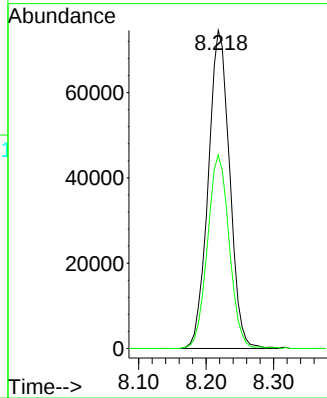


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085077.D
Acq: 03 Dec 2024 15:06

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

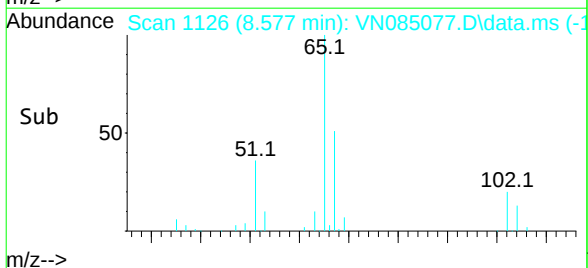
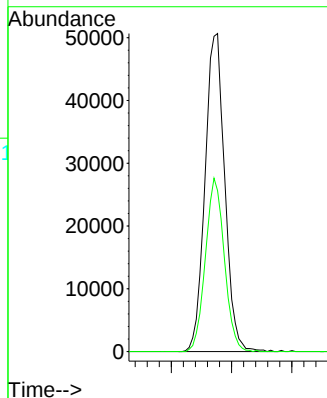
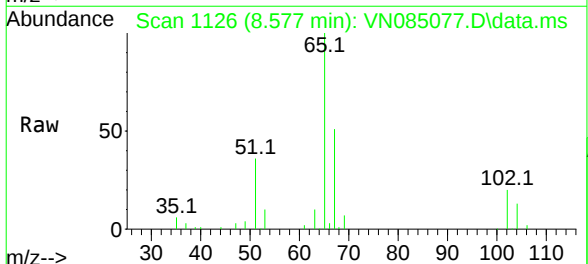


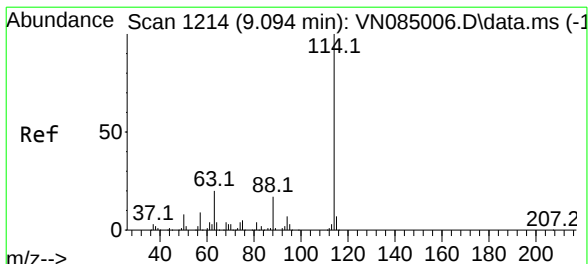
Tgt Ion:168 Resp: 164459
Ion Ratio Lower Upper
168 100
99 60.8 51.2 76.8



#33
1,2-Dichloroethane-d4
Concen: 49.153 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085077.D
Acq: 03 Dec 2024 15:06

Tgt Ion: 65 Resp: 115145
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.0

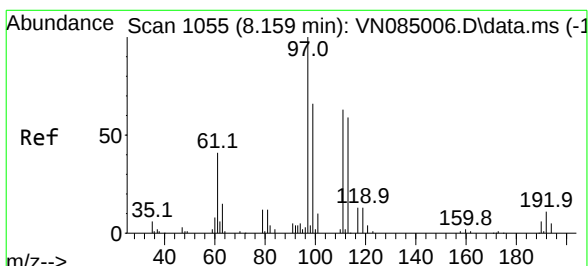
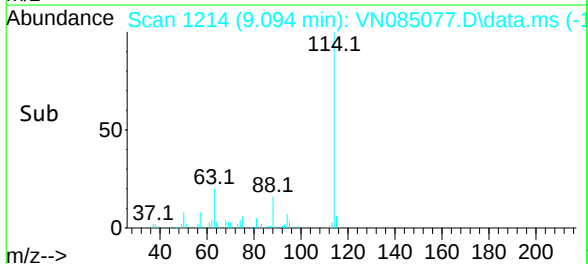
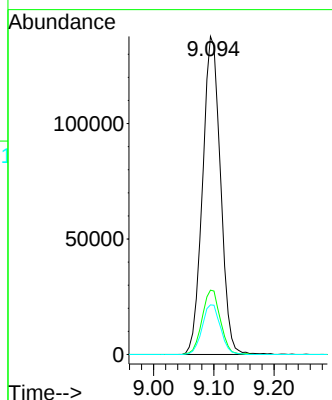
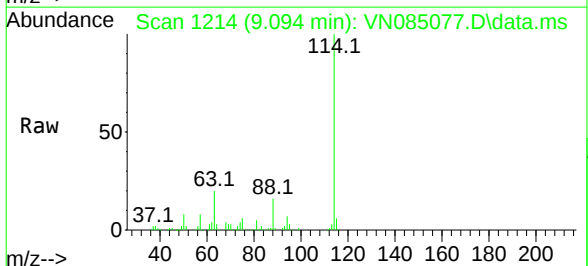




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. 0.000 min
 Lab File: VN085077.D
 Acq: 03 Dec 2024 15:06

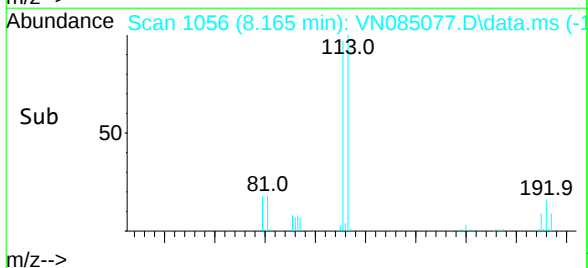
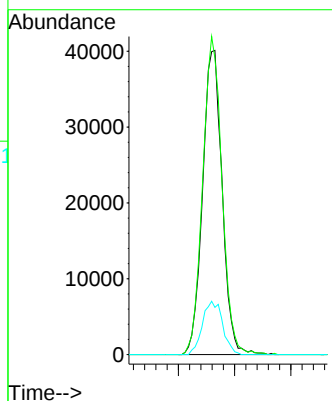
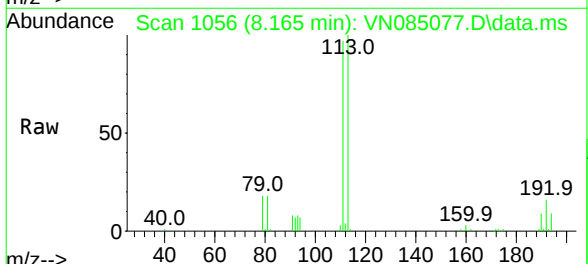
Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-SOIL-REF-6

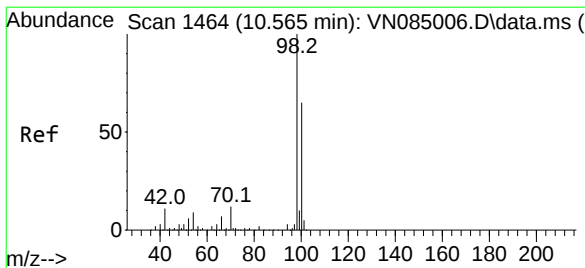
Tgt Ion:	114	Resp:	284796
Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	41.0
88	15.6	0.0	34.8



#35
 Dibromofluoromethane
 Concen: 50.541 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085077.D
 Acq: 03 Dec 2024 15:06

Tgt Ion:	113	Resp:	97067
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.0	123.0
192	18.1	14.8	22.2





#50

Toluene-d8

Concen: 46.825 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085077.D

Acq: 03 Dec 2024 15:06

Instrument :

MSVOA_N

ClientSampleId :

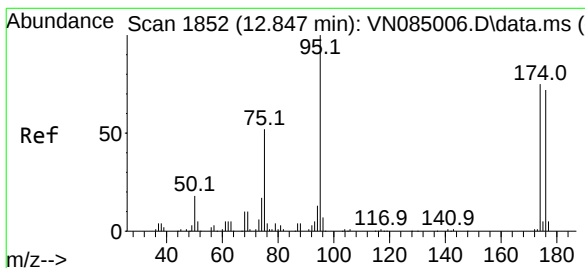
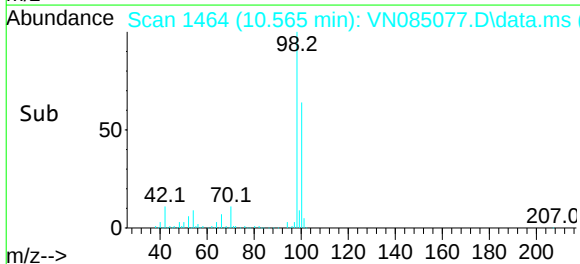
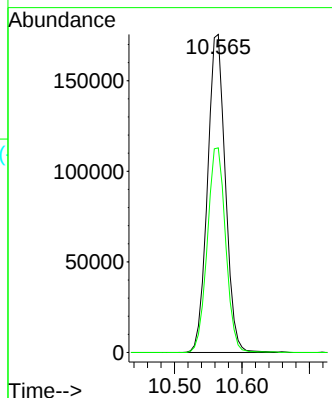
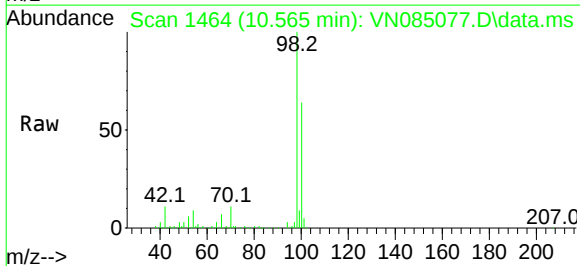
Storage-Blank-SOIL-REF-6

Tgt Ion: 98 Resp: 322293

Ion Ratio Lower Upper

98 100

100 66.2 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 45.050 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085077.D

Acq: 03 Dec 2024 15:06

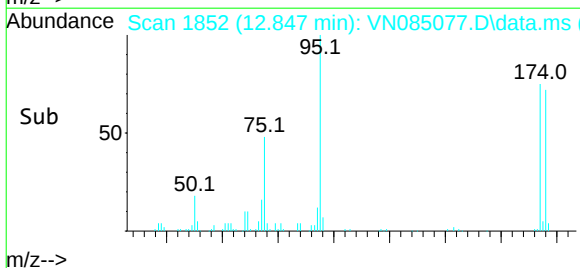
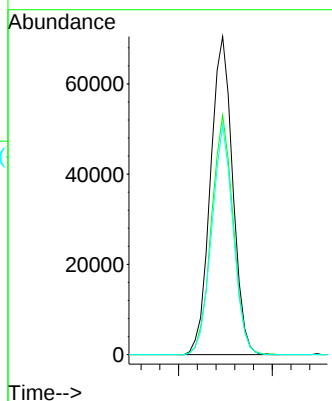
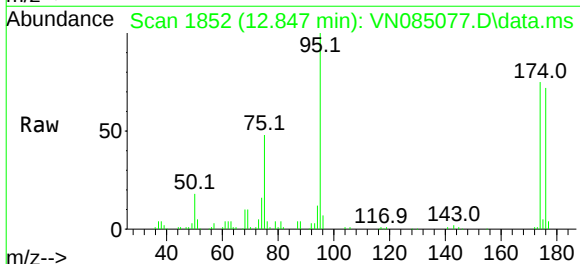
Tgt Ion: 95 Resp: 115956

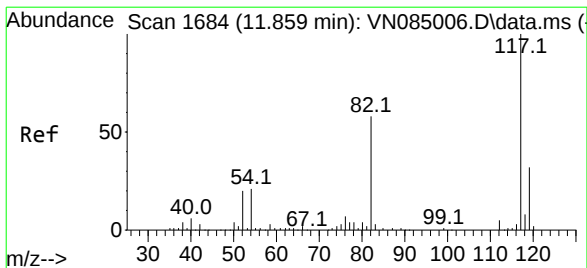
Ion Ratio Lower Upper

95 100

174 73.8 0.0 146.6

176 69.8 0.0 141.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. 0.006 min

Lab File: VN085077.D

Acq: 03 Dec 2024 15:06

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-SOIL-REF-6

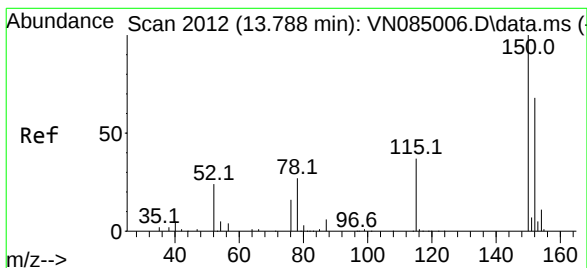
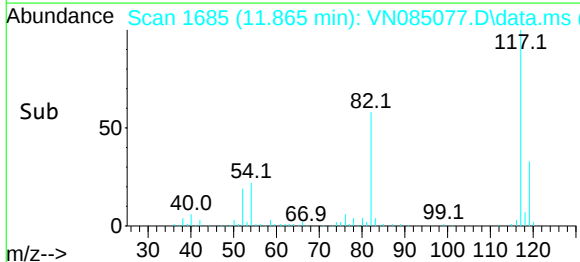
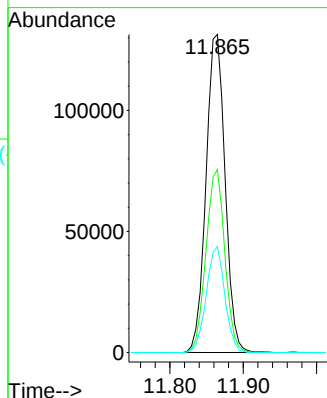
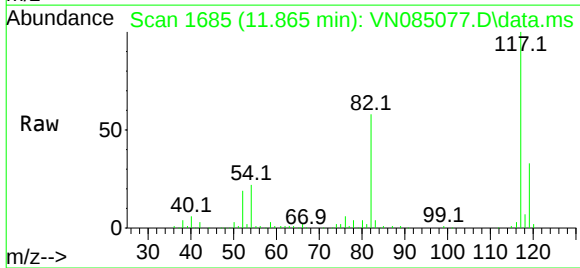
Tgt Ion:117 Resp: 237285

Ion Ratio Lower Upper

117 100

82 57.5 46.0 69.0

119 33.3 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN085077.D

Acq: 03 Dec 2024 15:06

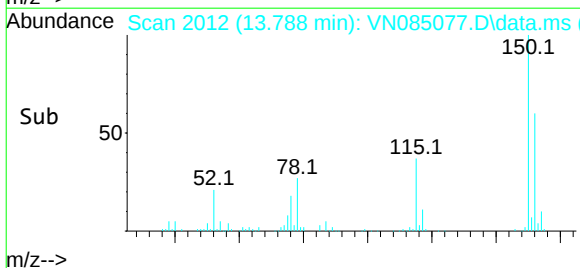
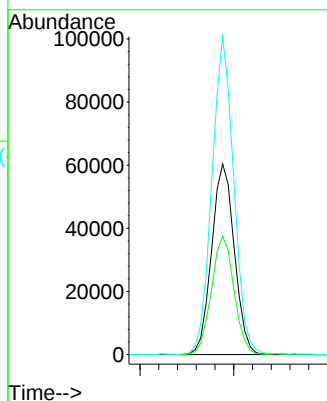
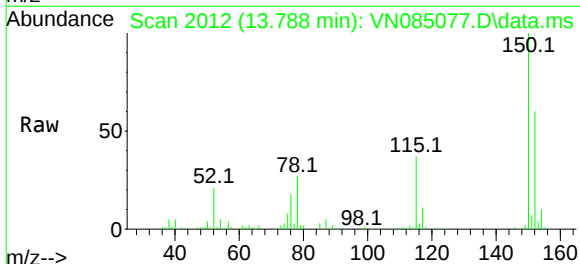
Tgt Ion:152 Resp: 101708

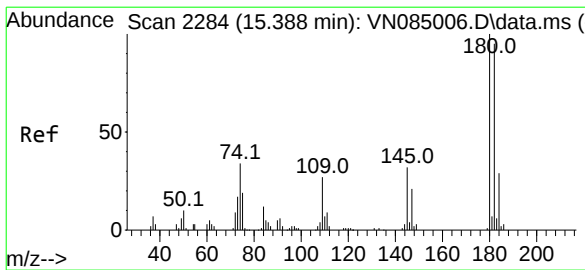
Ion Ratio Lower Upper

152 100

115 61.6 31.7 95.1

150 161.3 0.0 351.4





#93

1,2,4-Trichlorobenzene

Concen: 1.616 ug/l

RT: 15.394 min Scan# 2284

Delta R.T. 0.006 min

Lab File: VN085077.D

Acq: 03 Dec 2024 15:06

Instrument :

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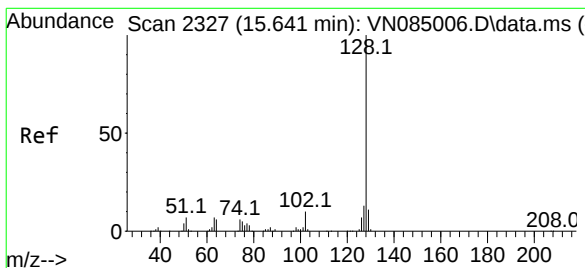
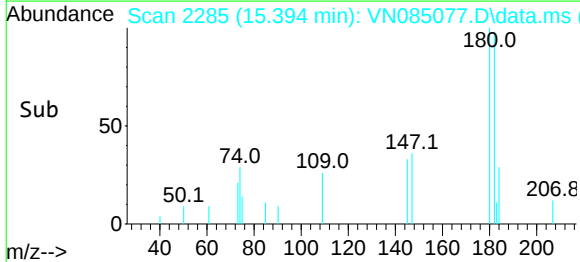
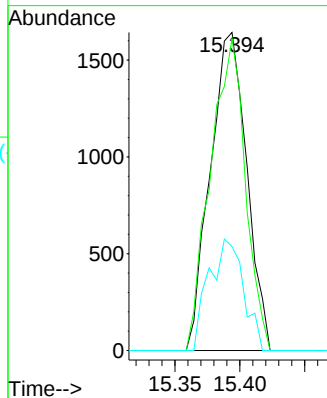
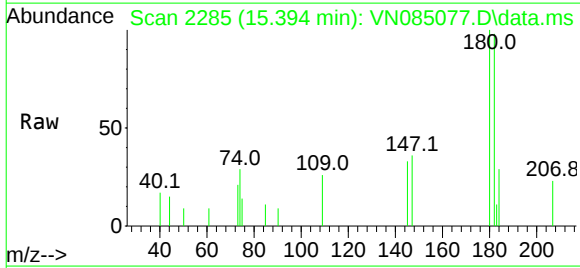
Tgt Ion:180 Resp: 3204

Ion Ratio Lower Upper

180 100

182 94.1 46.9 140.8

145 33.3 16.3 48.8



#95

Naphthalene

Concen: 1.470 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.006 min

Lab File: VN085077.D

Acq: 03 Dec 2024 15:06

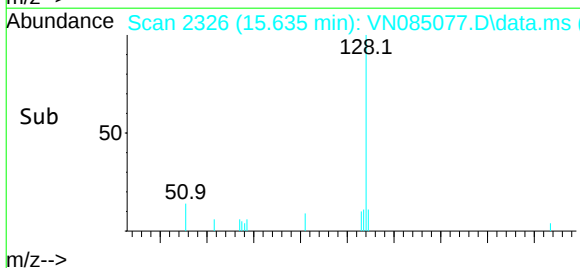
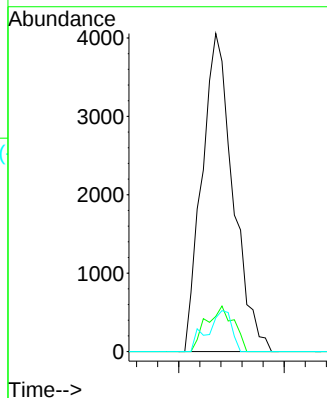
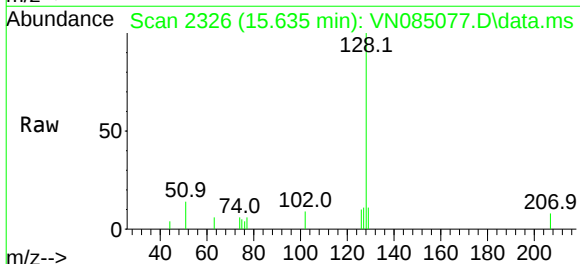
Tgt Ion:128 Resp: 8303

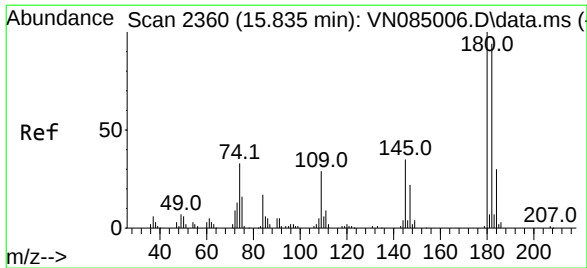
Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

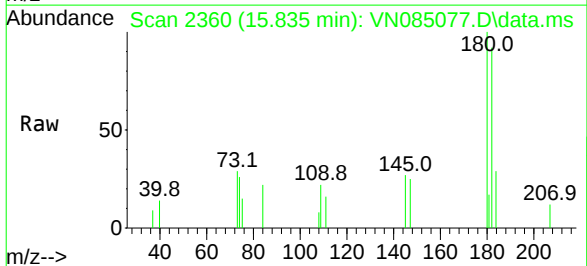
129 10.0 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 1.873 ug/l
 RT: 15.835 min Scan# 23
 Delta R.T. -0.000 min
 Lab File: VN085077.D
 Acq: 03 Dec 2024 15:06

Instrument :
 MSVOA_N
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 Storage-Blank-SOIL-REF-6



Tgt Ion:	180	Resp:	3544
Ion Ratio	Lower	Upper	
180	100		
182	88.0	46.4	139.2
145	31.3	17.3	52.0

