

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111724\
 Data File : VN084904.D
 Acq On : 17 Nov 2024 18:49
 Operator : JC\MD
 Sample : P4845-19
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-GEP-2-20241111

Quant Time: Nov 18 00:25:18 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)

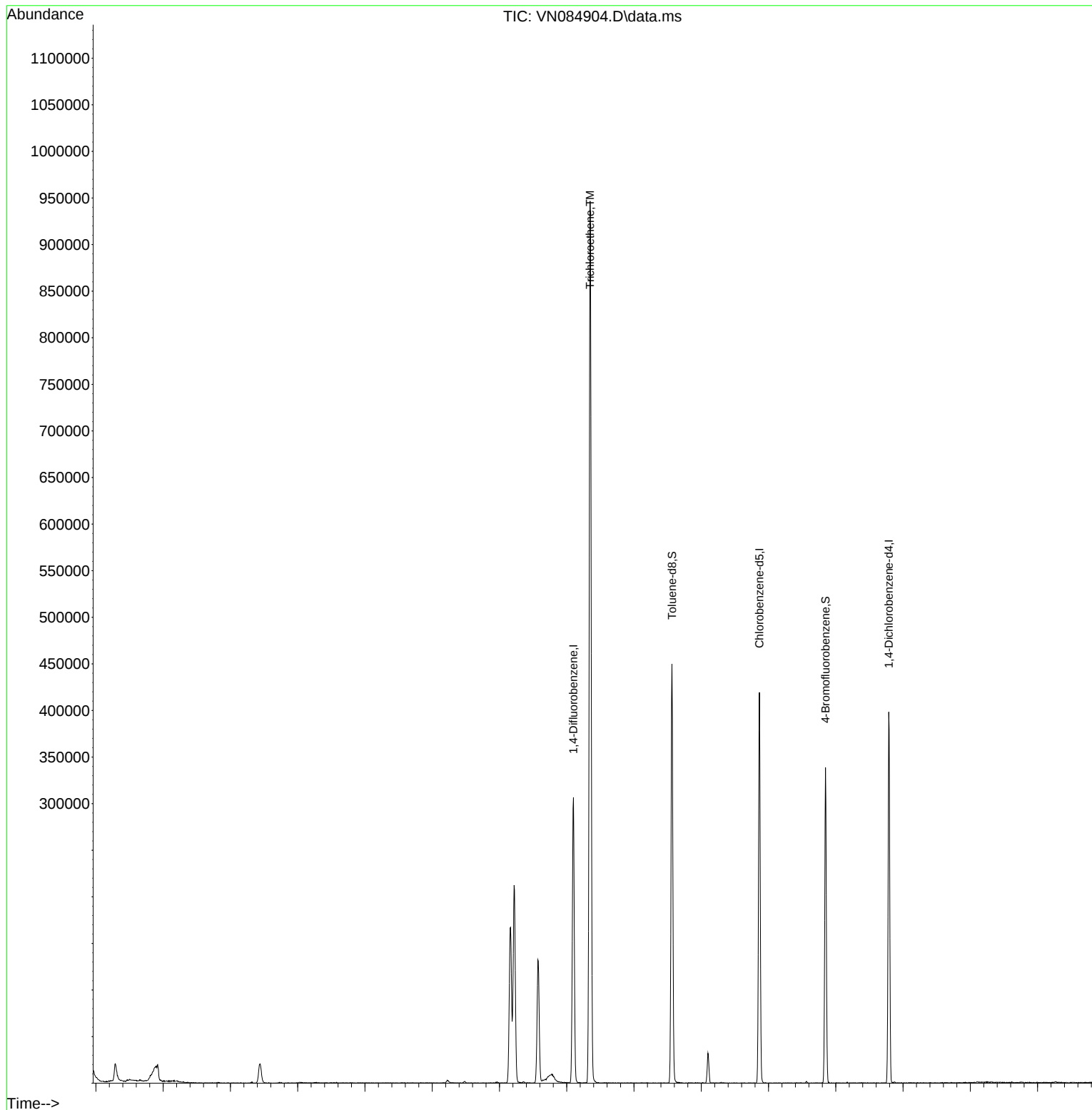
Internal Standards						
1) Pentafluorobenzene	8.218	168	153449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	261859	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	237602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	110127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	112346	50.690	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	101.380%	
35) Dibromofluoromethane	8.159	113	90371	50.986	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	101.980%	
50) Toluene-d8	10.565	98	313048	47.946	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	95.900%	
62) 4-Bromofluorobenzene	12.847	95	117421	48.120	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	96.240%	
Target Compounds						
27) cis-1,2-Dichloroethene	7.483	96	854	0.408	ug/l	75
30) Chloroform	7.965	83	1076	0.313	ug/l	96
32) 1,1,1-Trichloroethane	8.159	97	38022	12.140	ug/l	96
44) Trichloroethene	9.347	130	341480	187.560	ug/l	100
64) Tetrachloroethene	11.100	164	7357	4.655	ug/l	96

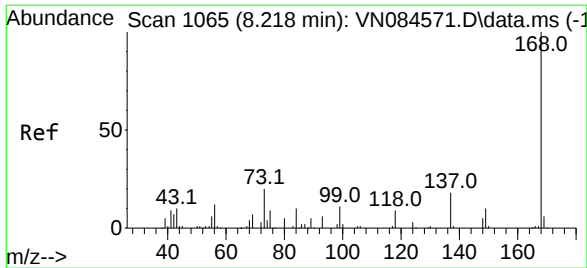
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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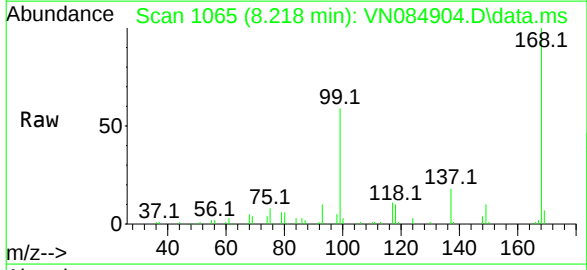
Quant Time: Nov 18 00:25:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
Response via : Initial Calibration



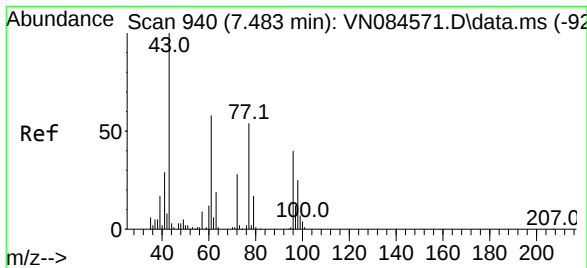
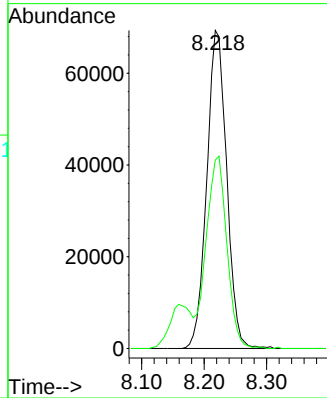
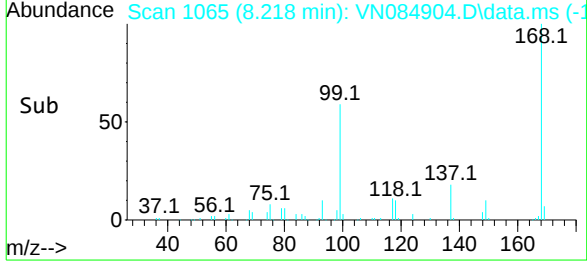


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084904.D
Acq: 17 Nov 2024 18:49

Instrument :
MSVOA_N
ClientSampleId :
FSND-GEP-2-20241111

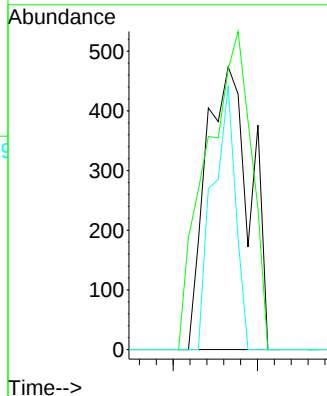
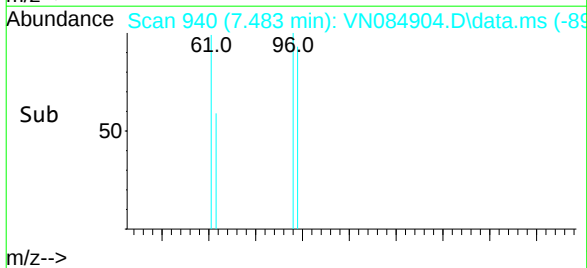
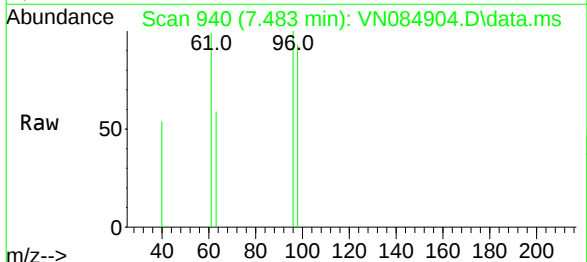


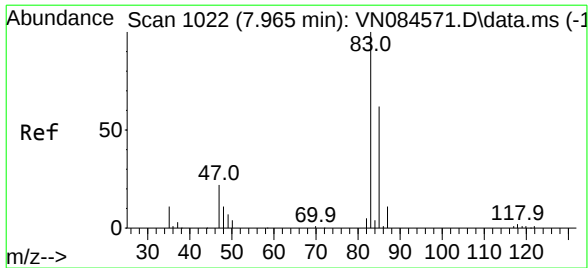
Tgt Ion:168 Resp: 153449
Ion Ratio Lower Upper
168 100
99 58.9 54.2 81.2



#27
cis-1,2-Dichloroethene
Concen: 0.408 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN084904.D
Acq: 17 Nov 2024 18:49

Tgt Ion: 96 Resp: 854
Ion Ratio Lower Upper
96 100
61 115.3 0.0 301.8
98 48.9 0.0 128.2

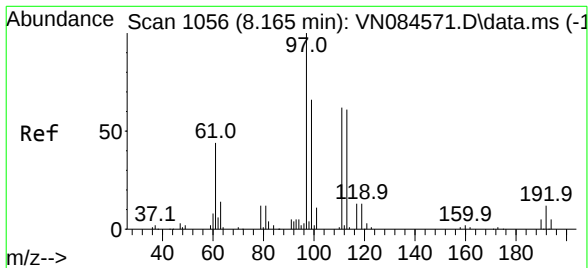
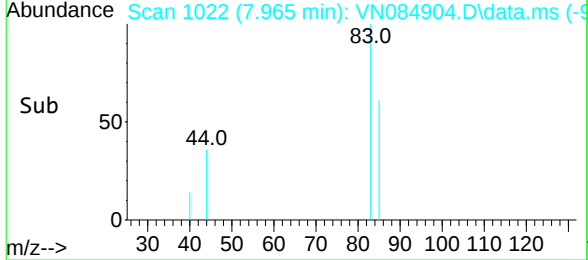
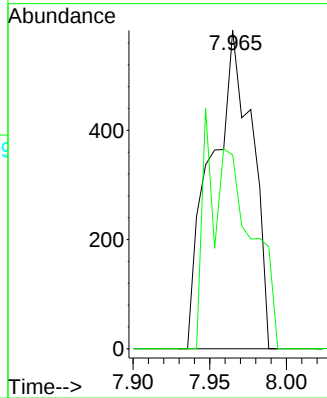
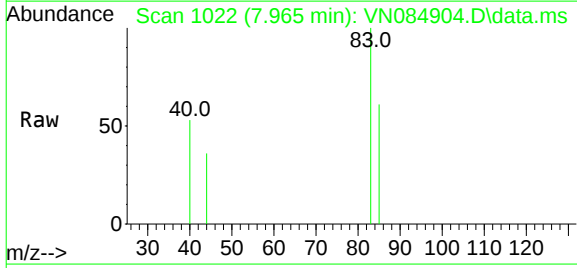




#30
Chloroform
Concen: 0.313 ug/l
RT: 7.965 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN084904.D
Acq: 17 Nov 2024 18:49

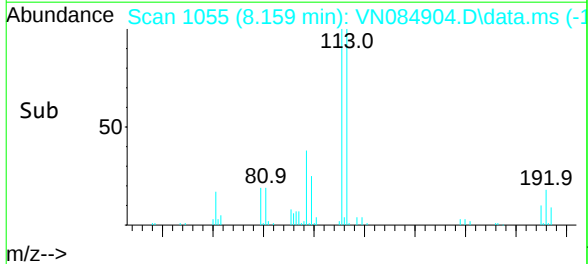
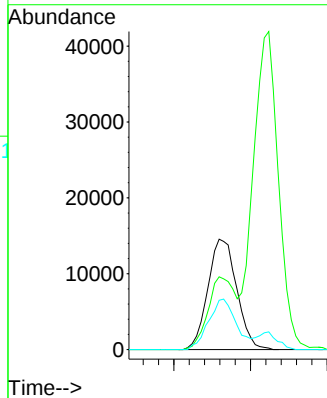
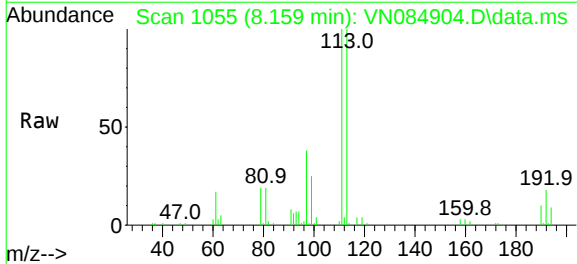
Instrument :
MSVOA_N
ClientSampleId :
FSND-GEP-2-20241111

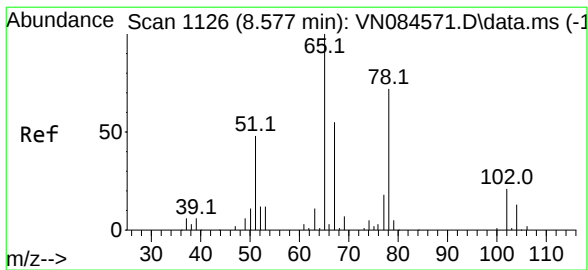
Tgt Ion: 83 Resp: 1076
Ion Ratio Lower Upper
83 100
85 60.9 51.0 76.4



#32
1,1,1-Trichloroethane
Concen: 12.140 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VN084904.D
Acq: 17 Nov 2024 18:49

Tgt Ion: 97 Resp: 38022
Ion Ratio Lower Upper
97 100
99 61.0 51.2 76.8
61 43.7 37.5 56.3

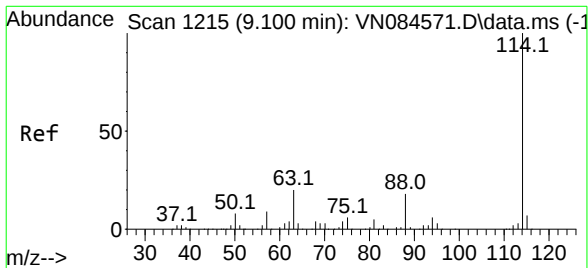
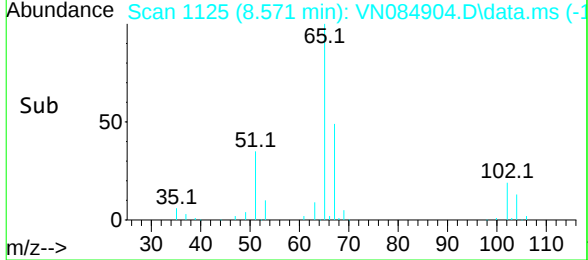
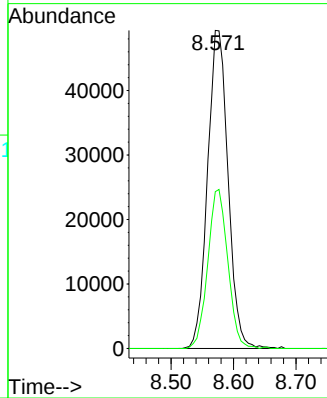
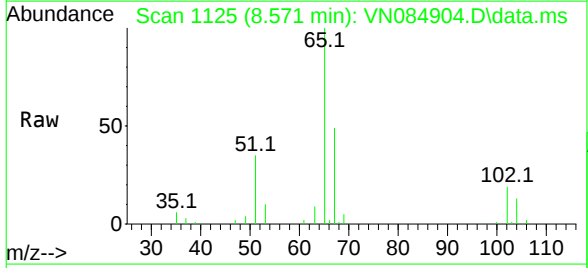




#33
1,2-Dichloroethane-d4
Concen: 50.690 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN084904.D
Acq: 17 Nov 2024 18:49

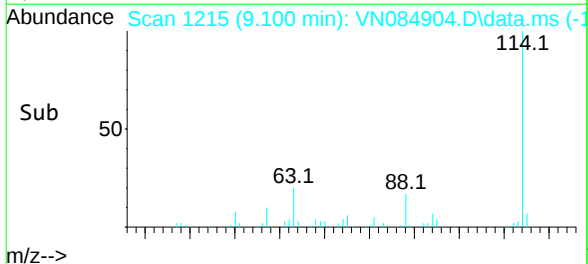
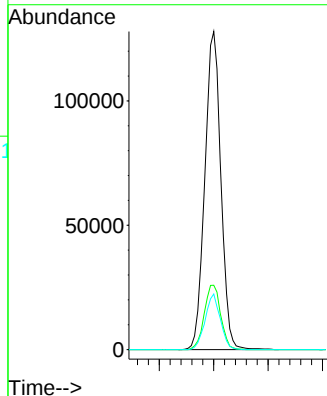
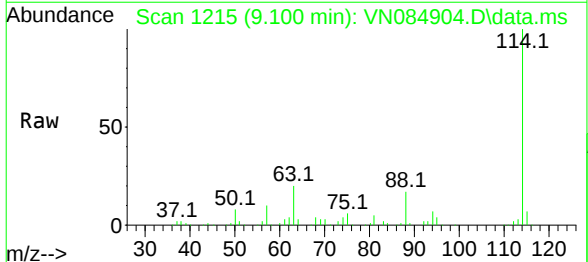
Instrument :
MSVOA_N
ClientSampleId :
FSND-GEP-2-20241111

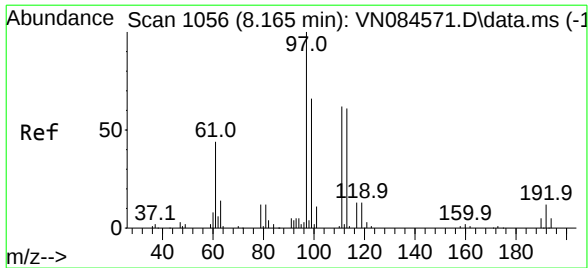
Tgt Ion: 65 Resp: 112346
Ion Ratio Lower Upper
65 100
67 48.9 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084904.D
Acq: 17 Nov 2024 18:49

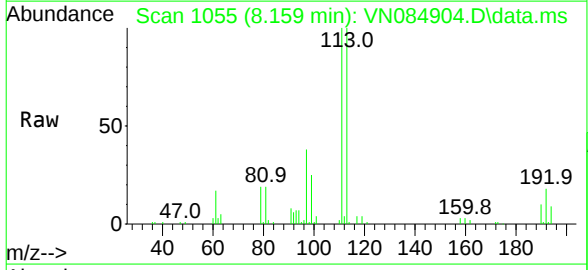
Tgt Ion: 114 Resp: 261859
Ion Ratio Lower Upper
114 100
63 20.2 0.0 43.8
88 17.5 0.0 31.6



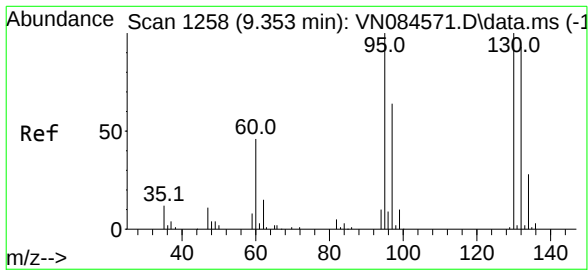
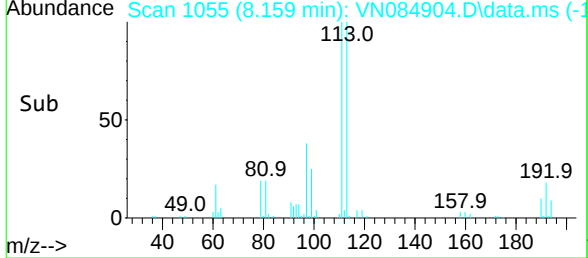
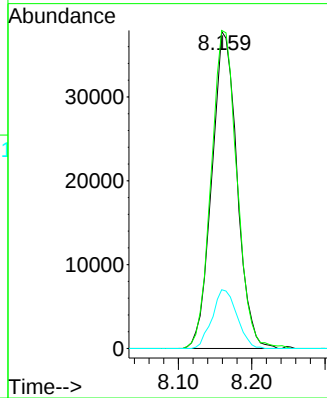


#35
 Dibromofluoromethane
 Concen: 50.986 ug/l
 RT: 8.159 min Scan# 10
 Delta R.T. -0.006 min
 Lab File: VN084904.D
 Acq: 17 Nov 2024 18:49

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-GEP-2-20241111

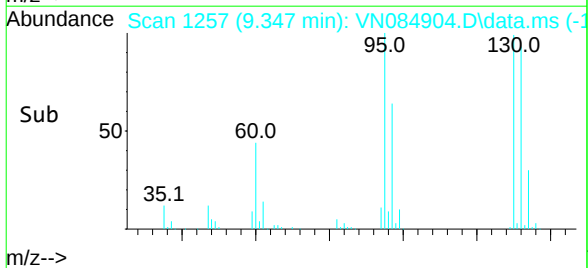
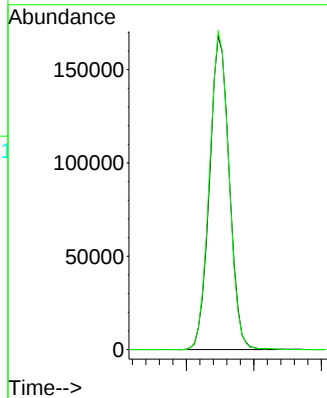
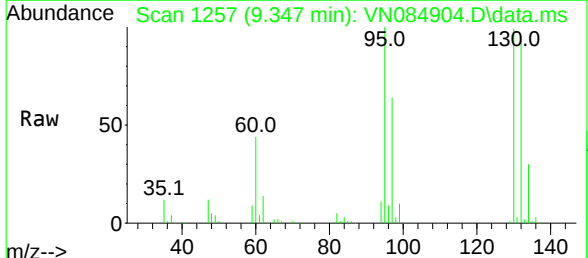


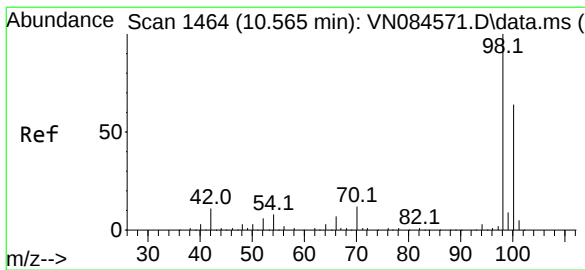
Tgt Ion:	113	Resp:	90371
Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.3	124.9
192	18.2	13.5	20.3



#44
 Trichloroethene
 Concen: 187.560 ug/l
 RT: 9.347 min Scan# 1257
 Delta R.T. 0.000 min
 Lab File: VN084904.D
 Acq: 17 Nov 2024 18:49

Tgt Ion:	130	Resp:	341480
Ion	Ratio	Lower	Upper
130	100		
95	101.4	0.0	203.0





#50

Toluene-d8

Concen: 47.946 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084904.D

Acq: 17 Nov 2024 18:49

Instrument :

MSVOA_N

ClientSampleId :

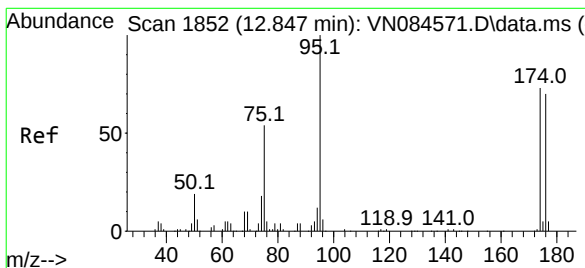
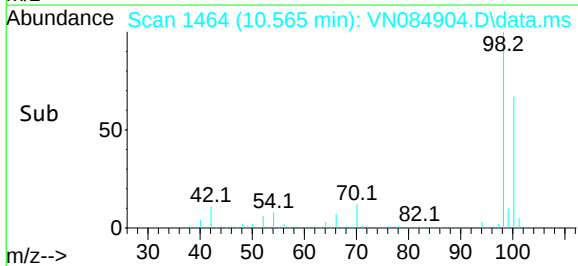
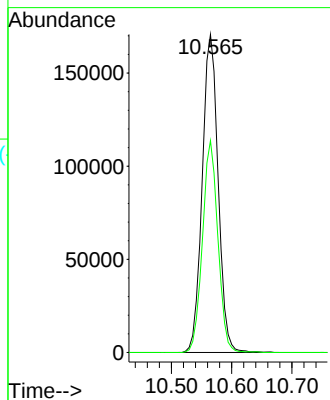
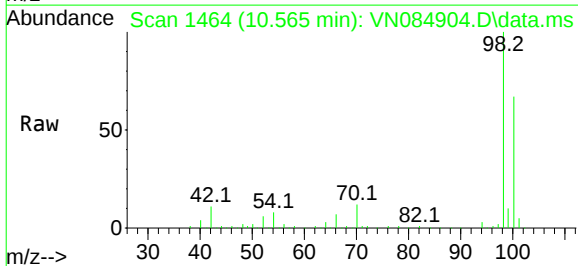
FSND-GEP-2-20241111

Tgt Ion: 98 Resp: 313048

Ion Ratio Lower Upper

98 100

100 64.6 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 48.120 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084904.D

Acq: 17 Nov 2024 18:49

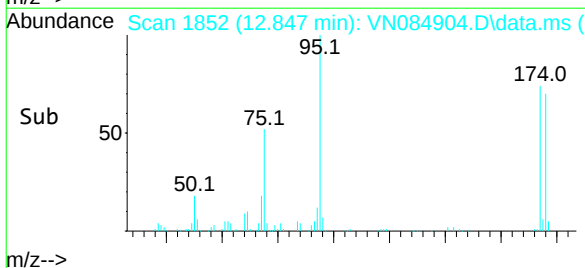
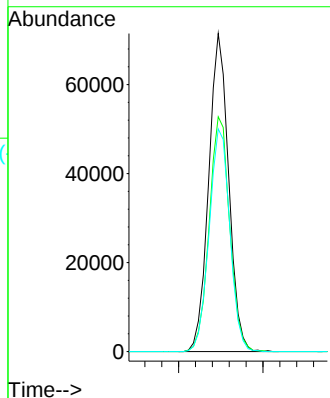
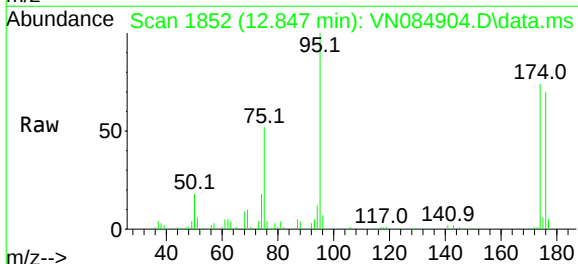
Tgt Ion: 95 Resp: 117421

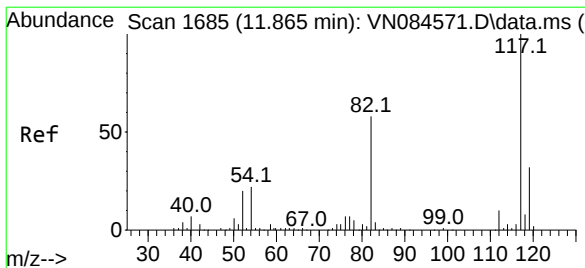
Ion Ratio Lower Upper

95 100

174 76.0 0.0 145.2

176 72.4 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: VN084904.D

Acq: 17 Nov 2024 18:49

Instrument :

MSVOA_N

ClientSampleId :

FSND-GEP-2-20241111

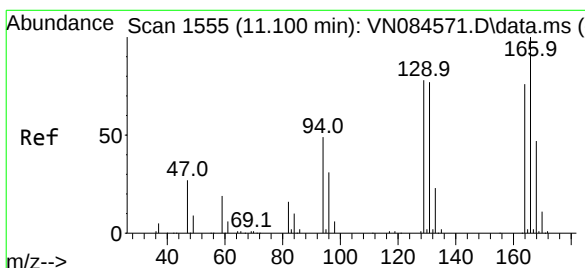
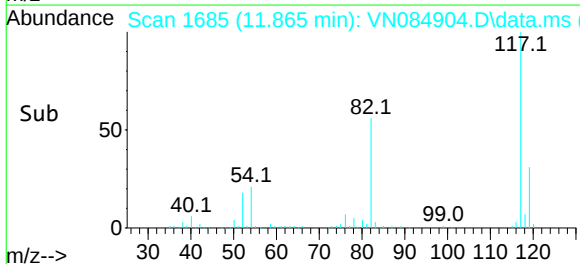
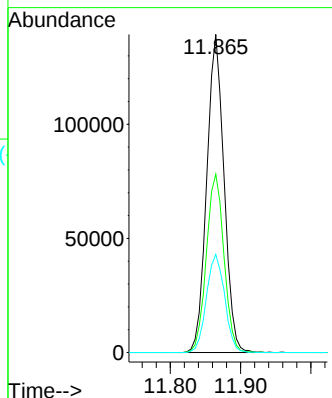
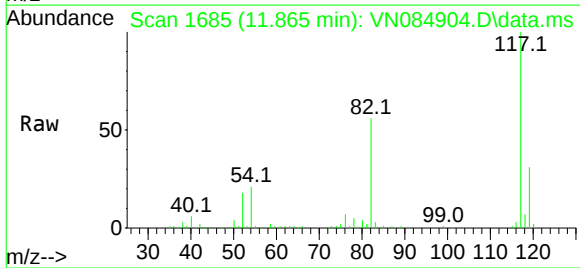
Tgt Ion:117 Resp: 237602

Ion Ratio Lower Upper

117 100

82 56.0 47.2 70.8

119 30.8 25.4 38.0



#64

Tetrachloroethene

Concen: 4.655 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VN084904.D

Acq: 17 Nov 2024 18:49

Tgt Ion:164 Resp: 7357

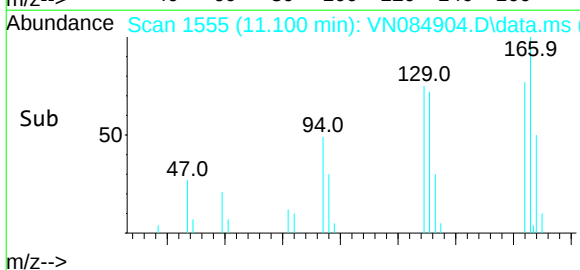
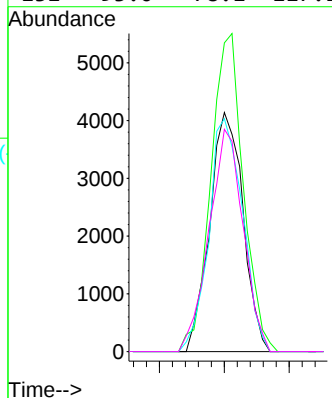
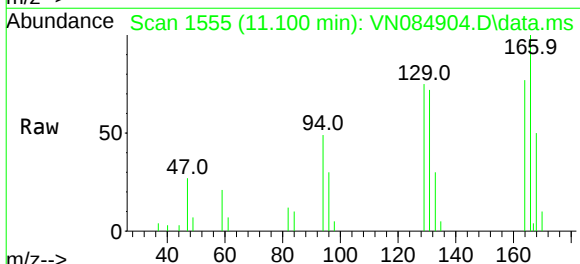
Ion Ratio Lower Upper

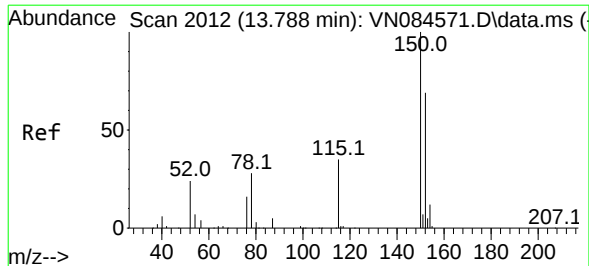
164 100

166 129.1 101.0 151.4

129 97.4 80.8 121.2

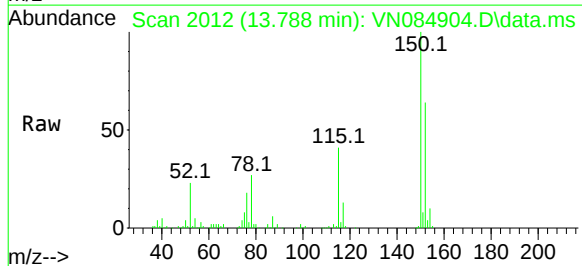
131 93.0 78.1 117.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN084904.D
 Acq: 17 Nov 2024 18:49

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-GEP-2-20241111



Tgt Ion:	152	Resp:	110127
Ion	Ratio	Lower	Upper
152	100		
115	61.2	31.3	93.9
150	156.2	0.0	349.8

