

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121324\
 Data File : VN085202.D
 Acq On : 13 Dec 2024 17:27
 Operator : JC\MD
 Sample : P5270-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW16D-20241212

Quant Time: Dec 13 23:38:05 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)

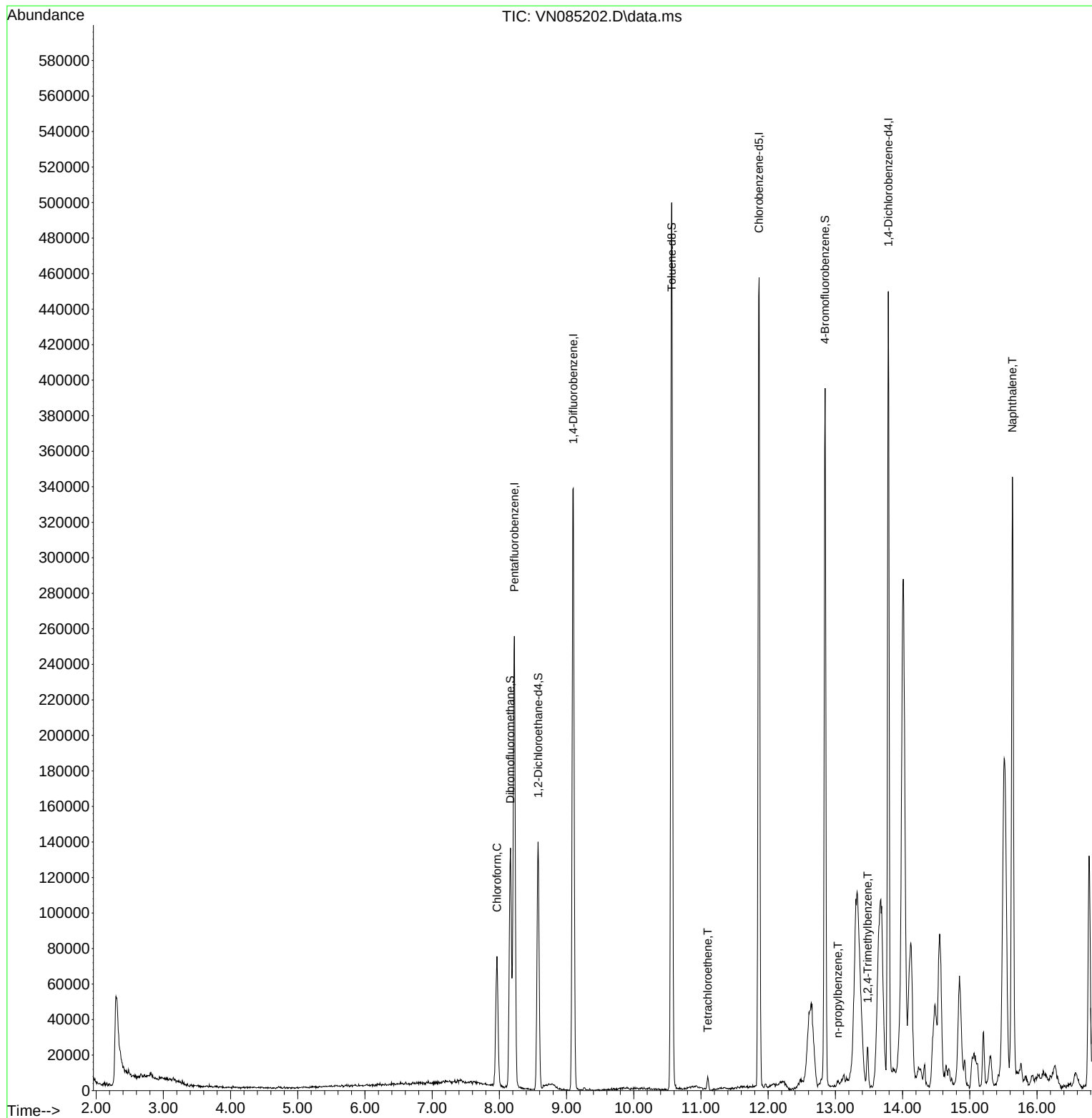
Internal Standards						
1) Pentafluorobenzene	8.224	168	182473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	299687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	268260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	119455	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	116793	44.934	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.860%
35) Dibromofluoromethane	8.165	113	97036	48.014	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.020%
50) Toluene-d8	10.565	98	356975	49.287	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.580%
62) 4-Bromofluorobenzene	12.847	95	137853	50.896	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.800%
Target Compounds						
					Qvalue	
30) Chloroform	7.965	83	69185	16.539	ug/l	92
64) Tetrachloroethene	11.100	164	1832	1.013	ug/l #	83
78) n-propylbenzene	13.035	91	3009	0.310	ug/l	89
84) 1,2,4-Trimethylbenzene	13.482	105	12430	1.708	ug/l	98
95) Naphthalene	15.635	128	321136	48.421	ug/l	99

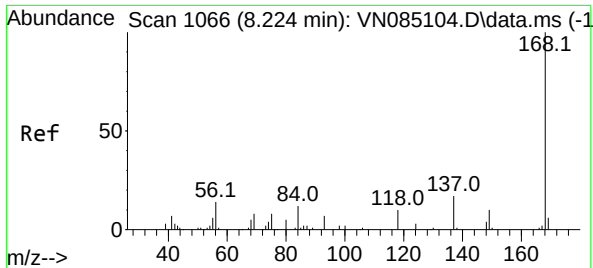
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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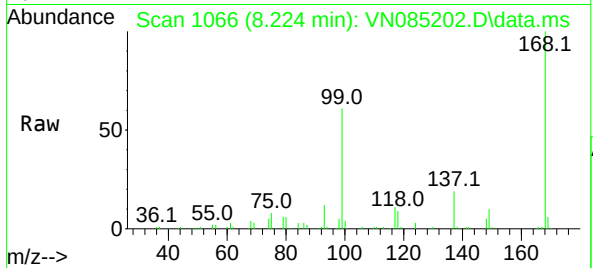
Quant Time: Dec 13 23:38:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
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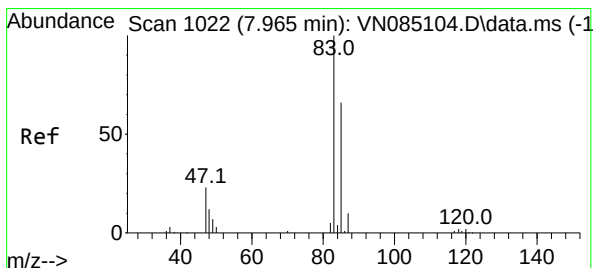
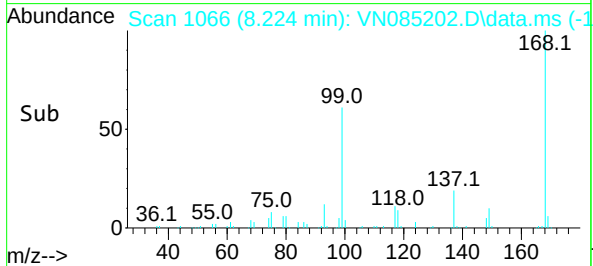
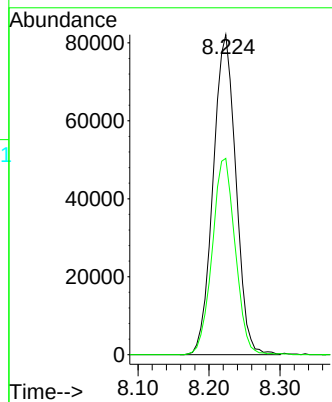


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085202.D
Acq: 13 Dec 2024 17:27

Instrument :
MSVOA_N
ClientSampleId :
MW16D-20241212

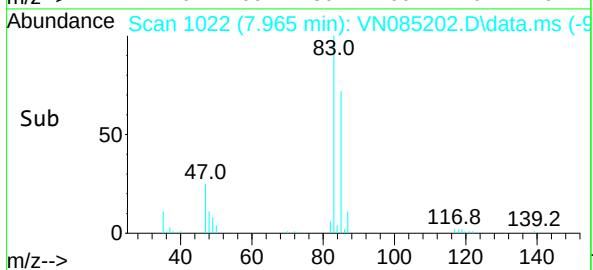
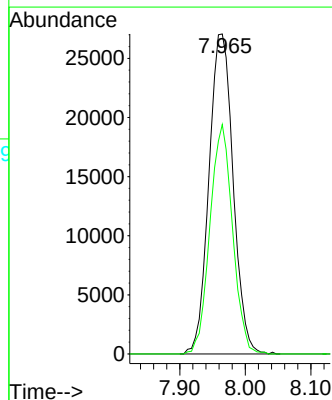
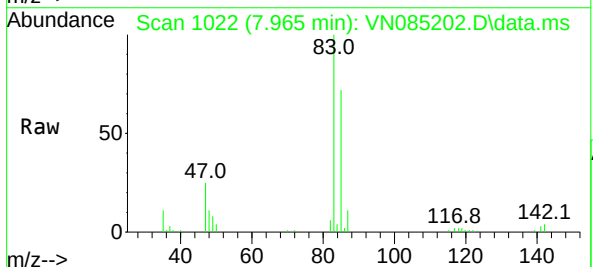


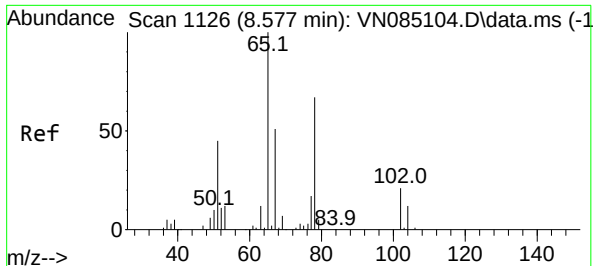
Tgt Ion:168 Resp: 182473
Ion Ratio Lower Upper
168 100
99 61.4 51.2 76.8



#30
Chloroform
Concen: 16.539 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085202.D
Acq: 13 Dec 2024 17:27

Tgt Ion: 83 Resp: 69185
Ion Ratio Lower Upper
83 100
85 71.7 52.6 78.8





#33

1,2-Dichloroethane-d4

Concen: 44.934 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN085202.D

Acq: 13 Dec 2024 17:27

Instrument :

MSVOA_N

ClientSampleId :

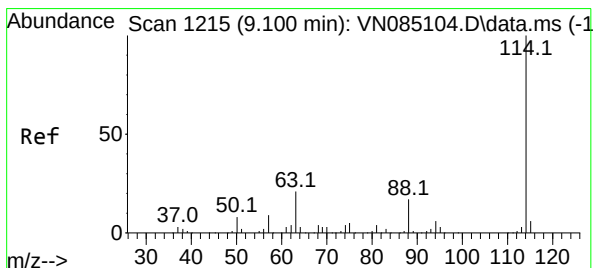
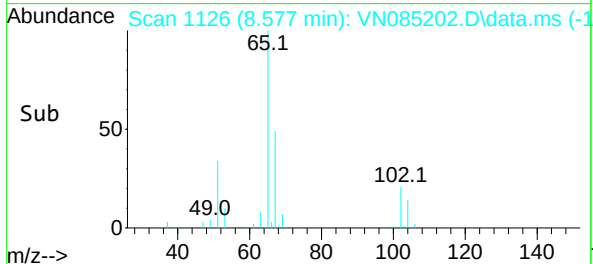
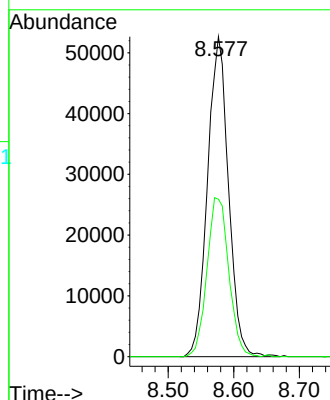
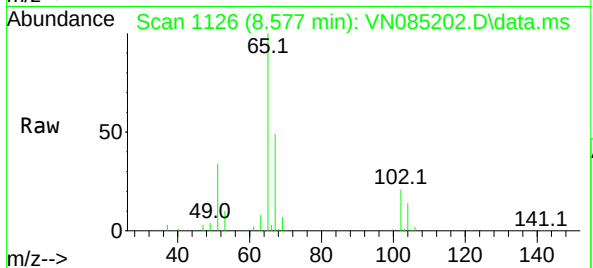
MW16D-20241212

Tgt Ion: 65 Resp: 116793

Ion Ratio Lower Upper

65 100

67 51.7 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: VN085202.D

Acq: 13 Dec 2024 17:27

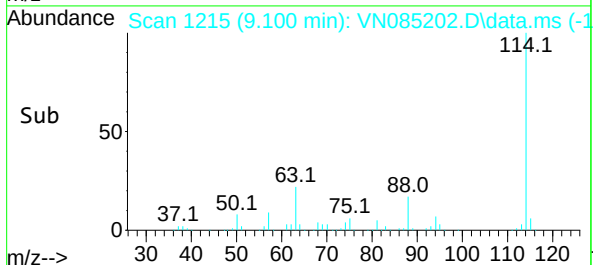
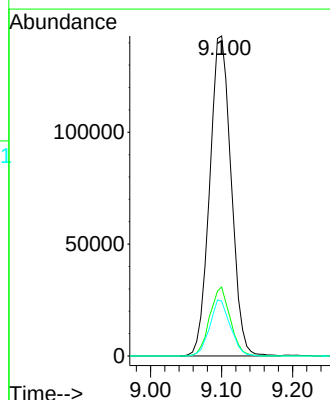
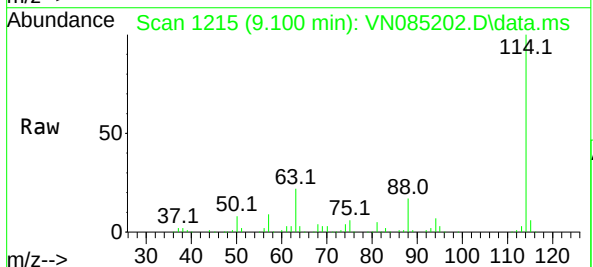
Tgt Ion: 114 Resp: 299687

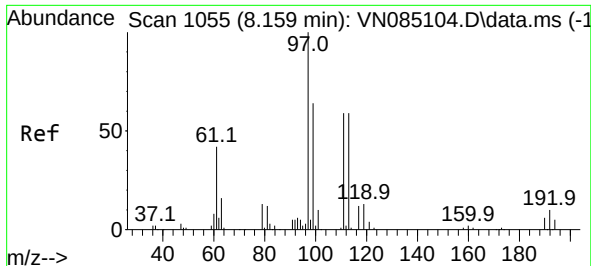
Ion Ratio Lower Upper

114 100

63 21.5 0.0 41.0

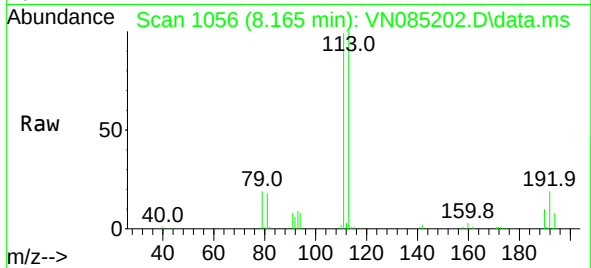
88 17.1 0.0 34.8



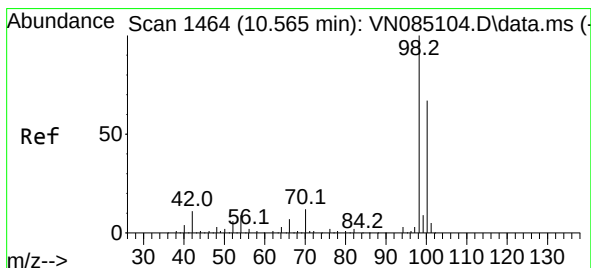
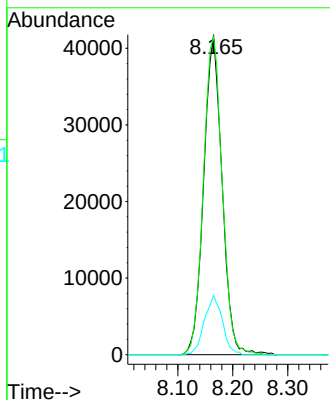
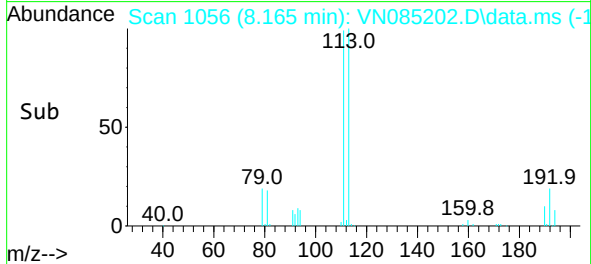


#35
Dibromofluoromethane
Concen: 48.014 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085202.D
Acq: 13 Dec 2024 17:27

Instrument :
MSVOA_N
ClientSampleId :
MW16D-20241212

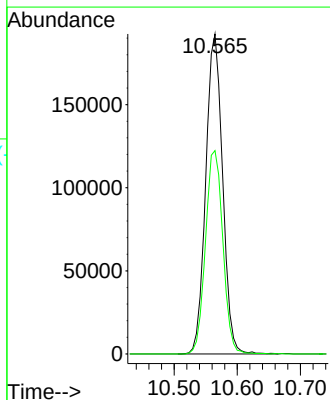
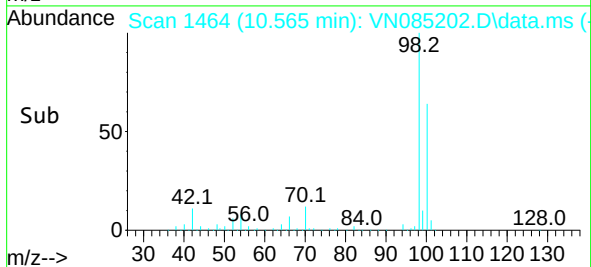
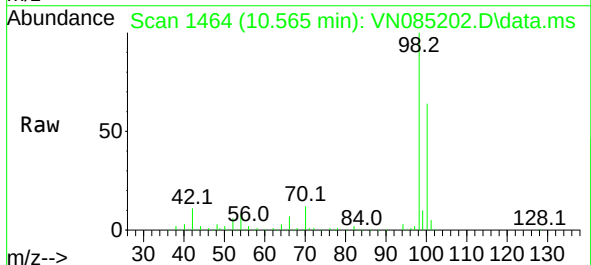


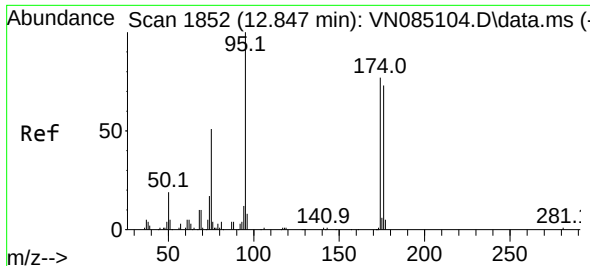
Tgt Ion:113 Resp: 97036
Ion Ratio Lower Upper
113 100
111 101.8 82.0 123.0
192 18.1 14.8 22.2



#50
Toluene-d8
Concen: 49.287 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085202.D
Acq: 13 Dec 2024 17:27

Tgt Ion: 98 Resp: 356975
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7

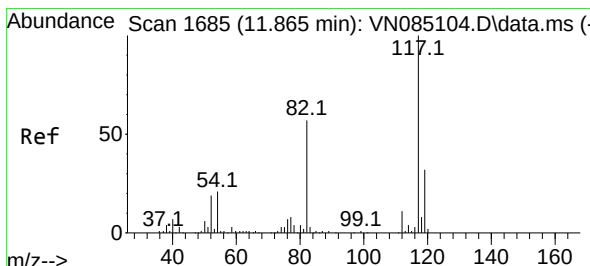
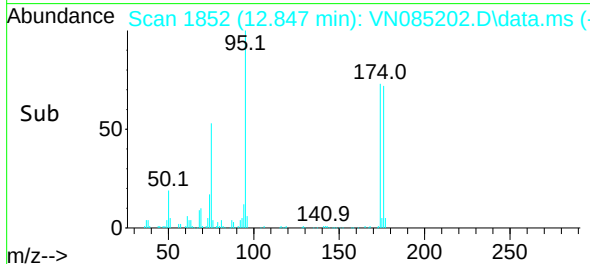
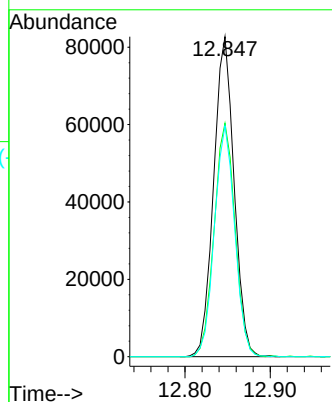
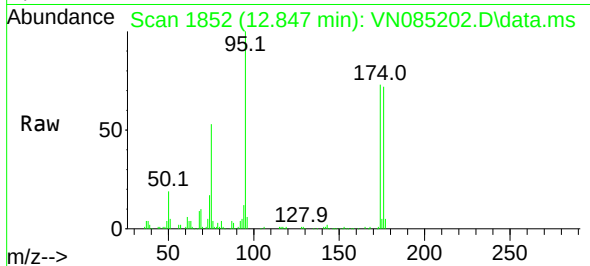




#62
4-Bromofluorobenzene
Concen: 50.896 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085202.D
Acq: 13 Dec 2024 17:27

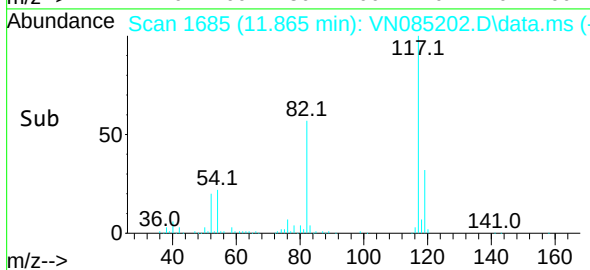
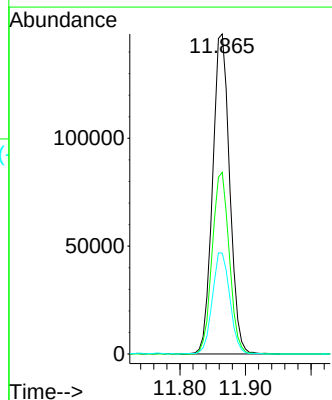
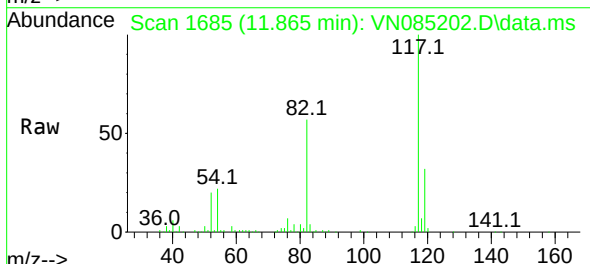
Instrument :
MSVOA_N
ClientSampleId :
MW16D-20241212

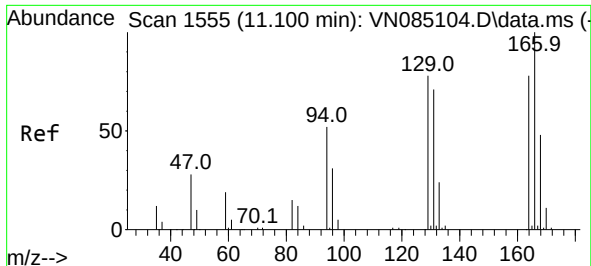
Tgt Ion: 95 Resp: 137853
Ion Ratio Lower Upper
95 100
174 74.4 0.0 146.6
176 71.7 0.0 141.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085202.D
Acq: 13 Dec 2024 17:27

Tgt Ion: 117 Resp: 268260
Ion Ratio Lower Upper
117 100
82 56.8 46.0 69.0
119 31.5 25.6 38.4

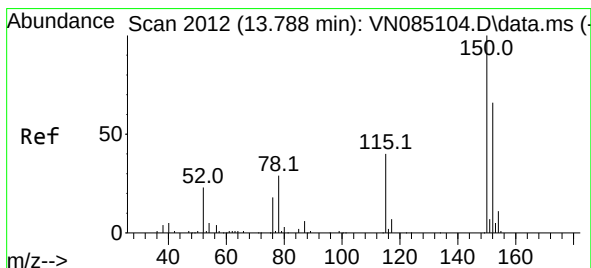
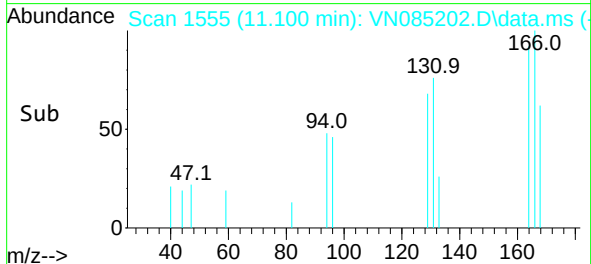
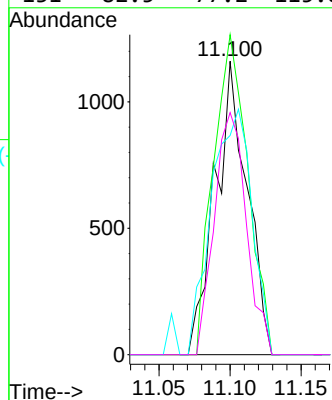
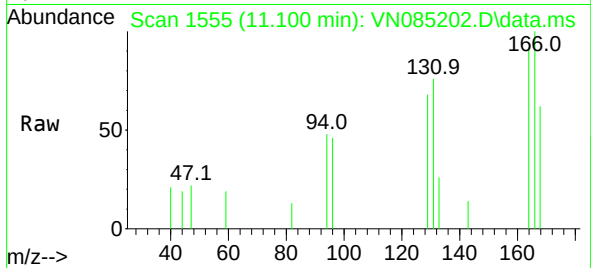




#64
Tetrachloroethene
Concen: 1.013 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085202.D
Acq: 13 Dec 2024 17:27

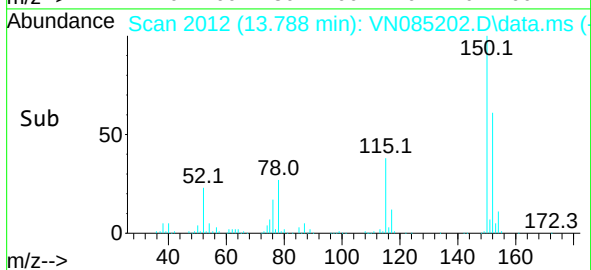
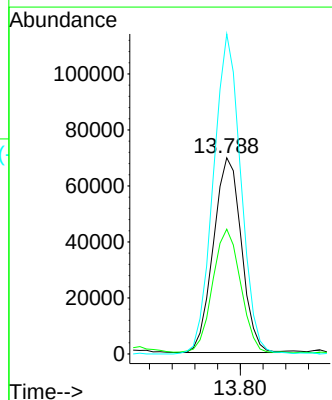
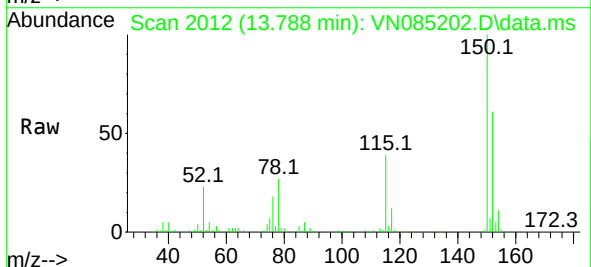
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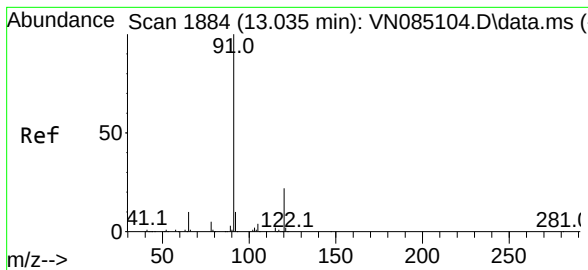
Tgt Ion:164 Resp: 1832
Ion Ratio Lower Upper
164 100
166 109.0 100.6 151.0
129 74.7 77.7 116.5#
131 82.5 77.2 115.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085202.D
Acq: 13 Dec 2024 17:27

Tgt Ion:152 Resp: 119455
Ion Ratio Lower Upper
152 100
115 63.7 31.7 95.1
150 161.1 0.0 351.4

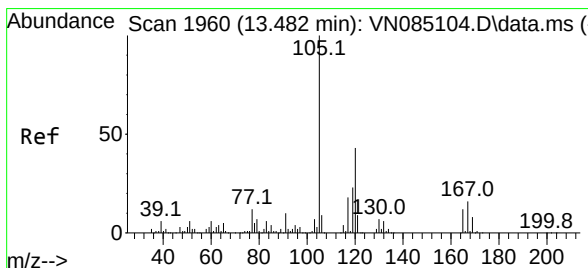
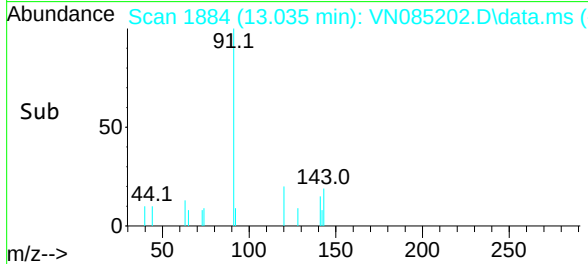
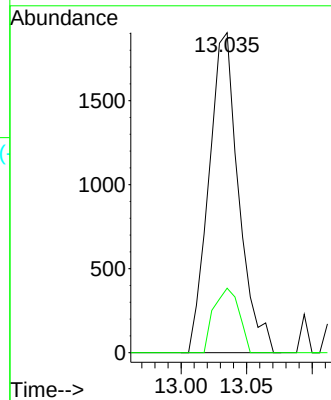
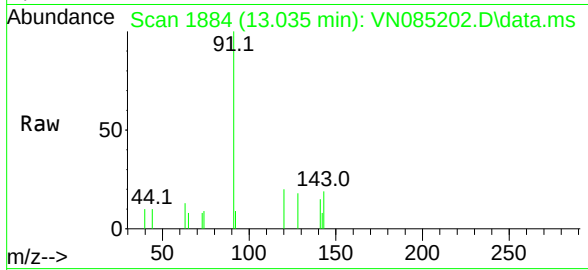




#78
n-propylbenzene
Concen: 0.310 ug/l
RT: 13.035 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085202.D
Acq: 13 Dec 2024 17:27

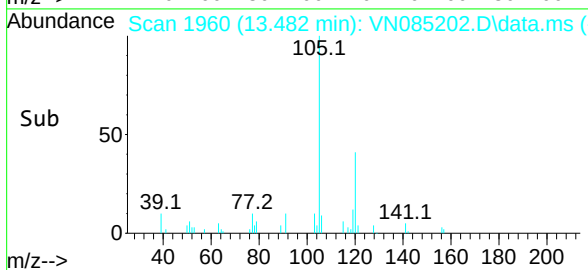
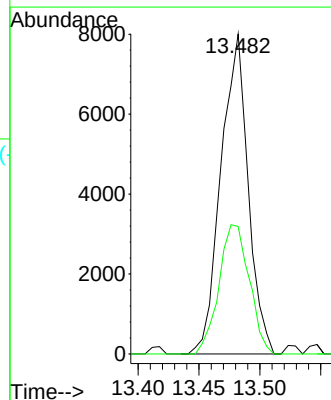
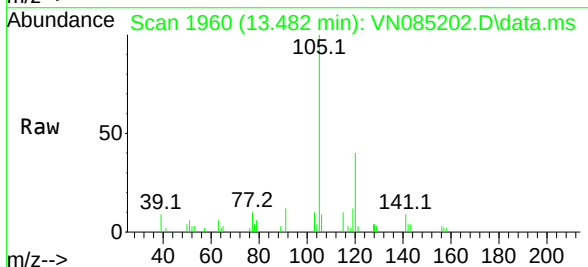
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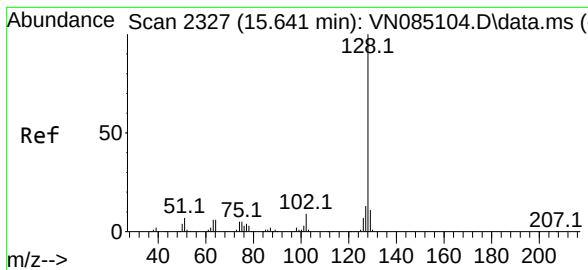
Tgt Ion: 91 Resp: 3009
Ion Ratio Lower Upper
91 100
120 17.1 11.3 33.9



#84
1,2,4-Trimethylbenzene
Concen: 1.708 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085202.D
Acq: 13 Dec 2024 17:27

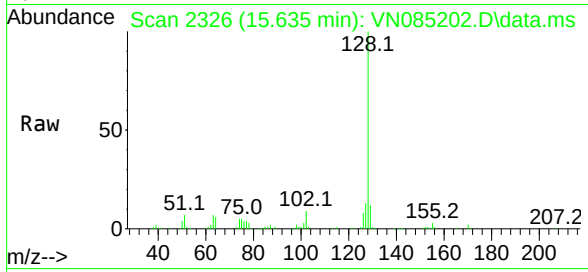
Tgt Ion: 105 Resp: 12430
Ion Ratio Lower Upper
105 100
120 45.0 21.8 65.4





#95
Naphthalene
Concen: 48.421 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN085202.D
Acq: 13 Dec 2024 17:27

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:128 Resp: 321136
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 11.3 8.6 12.8

