

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121624\
 Data File : VN085210.D
 Acq On : 16 Dec 2024 11:21
 Operator : JC\MD
 Sample : VN1216WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBL01

Quant Time: Dec 16 12:22:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N120624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 06 22:50:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	28325	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	149220	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	129681	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	69798	31.056	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.533%
60) 4-Bromofluorobenzene	12.847	95	54141	25.232	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	84.100%
63) Toluene-d8	10.565	98	177437	29.169	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.233%

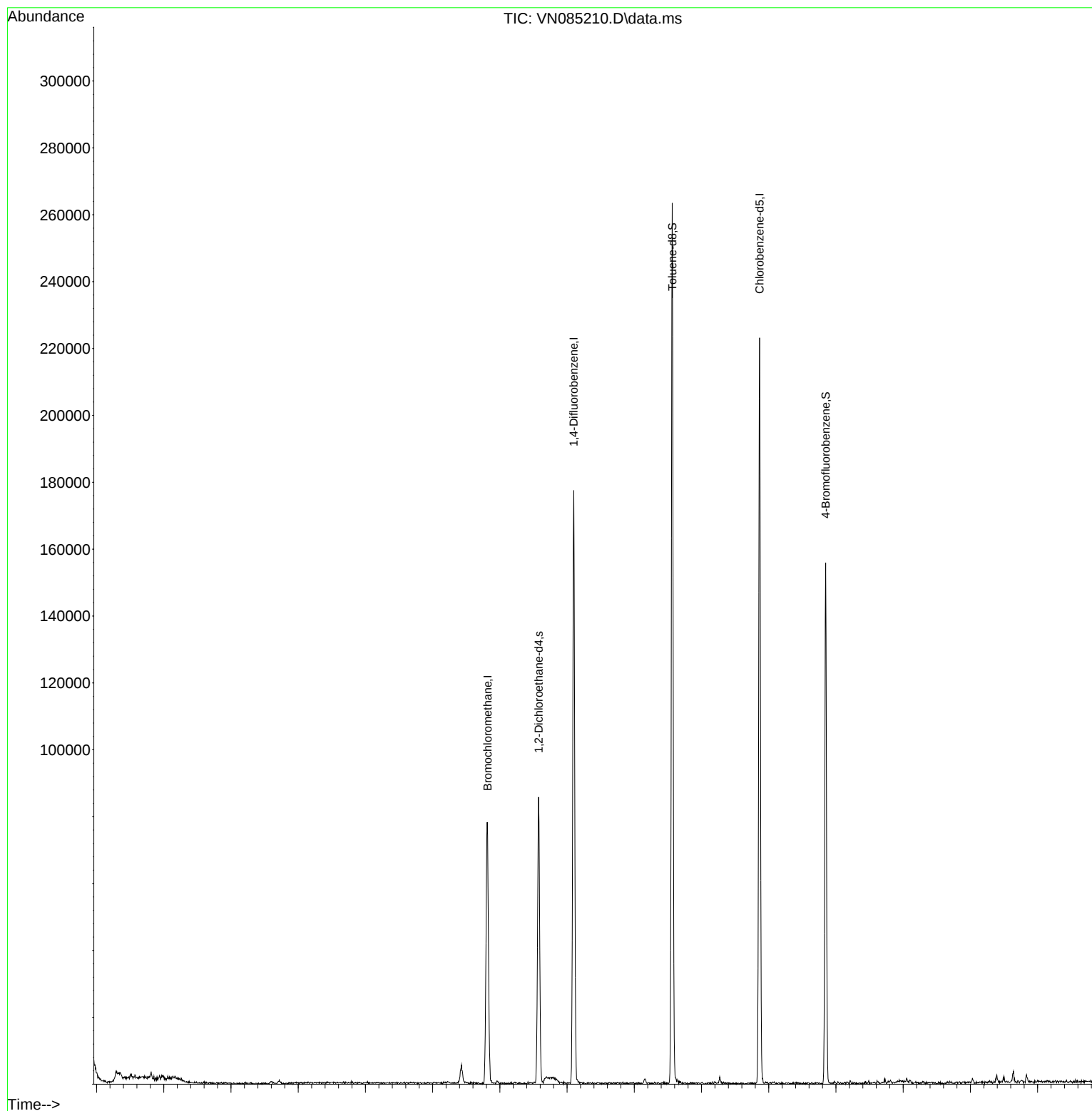
Target Compounds	Qvalue

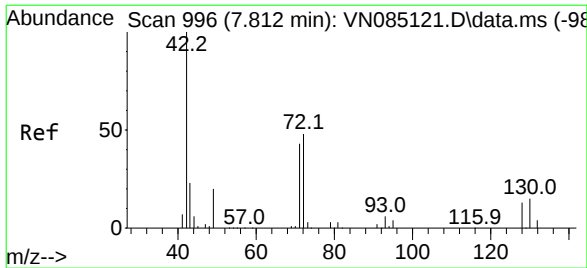
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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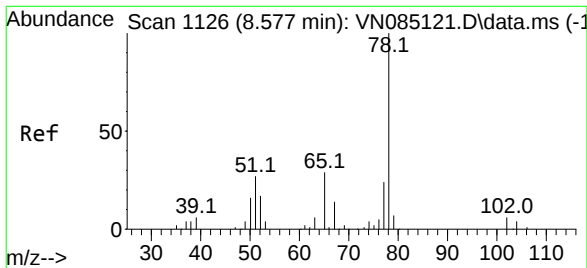
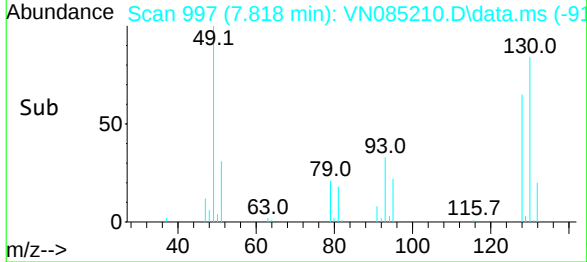
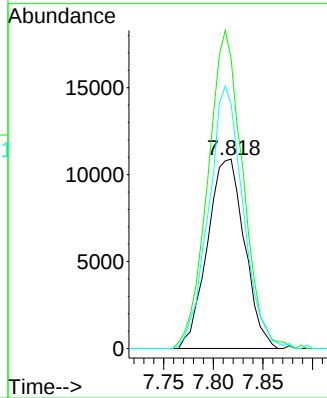
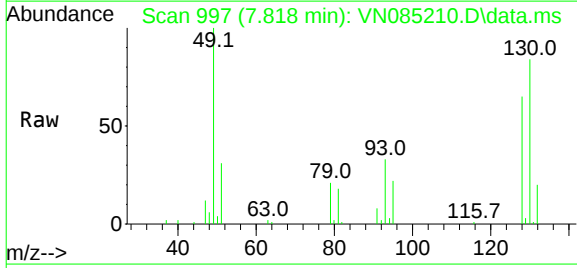




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN085210.D
Acq: 16 Dec 2024 11:21

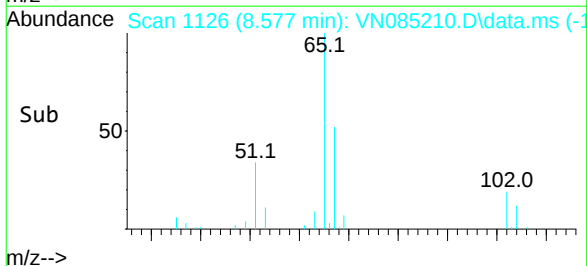
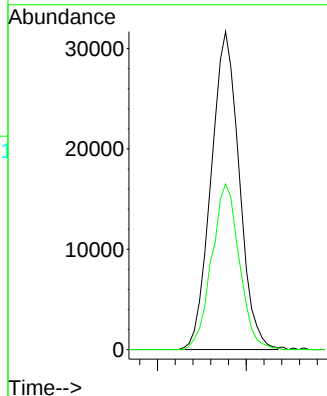
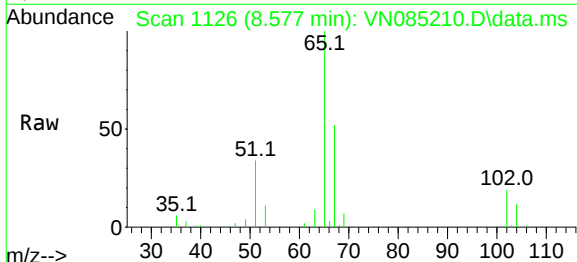
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBL01

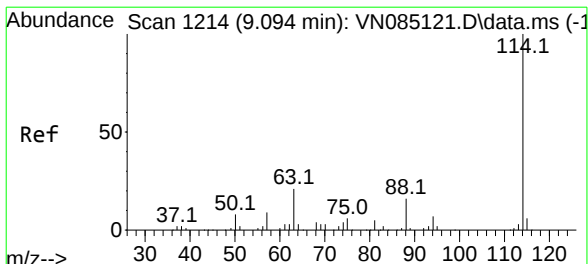
Tgt Ion	Ratio	Lower	Upper
128	100		
49	158.0	0.0	394.5
130	129.1	0.0	316.5



#27
1,2-Dichloroethane-d4
Concen: 31.056 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085210.D
Acq: 16 Dec 2024 11:21

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.1	39.9	59.9

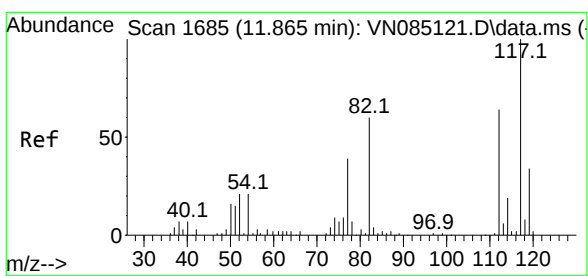
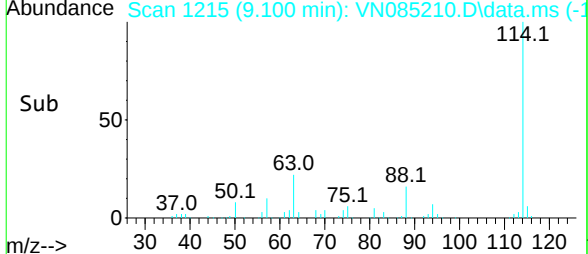
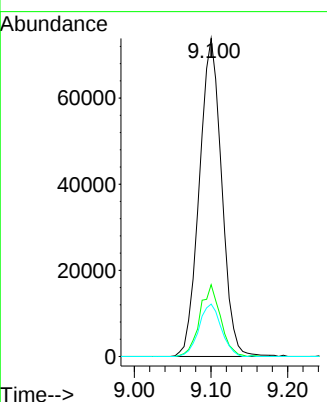
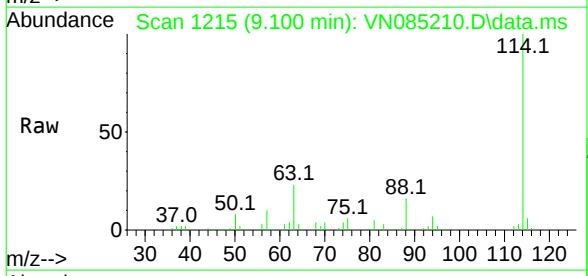




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1214
 Delta R.T. 0.000 min
 Lab File: VN085210.D
 Acq: 16 Dec 2024 11:21

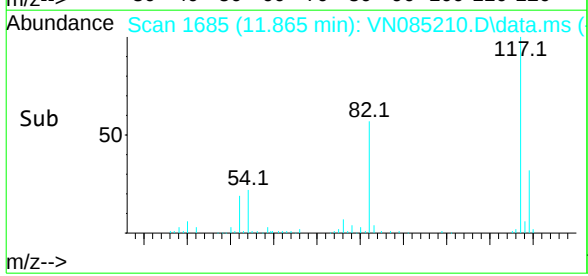
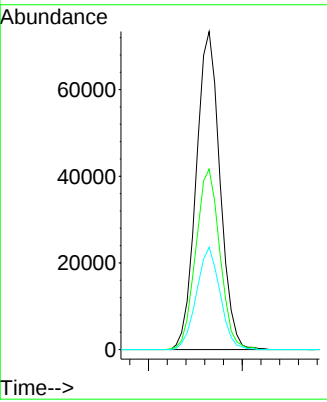
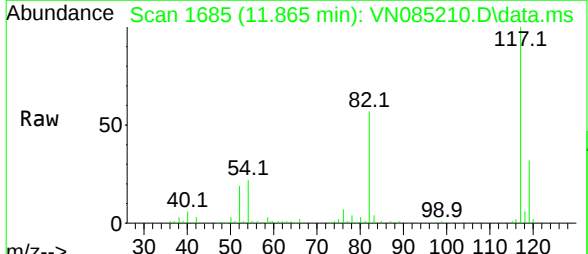
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBL01

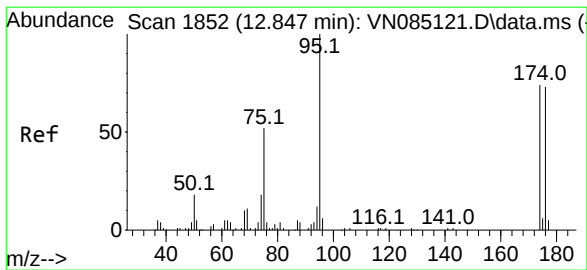
Tgt Ion:	114	Resp:	149220
Ion	Ratio	Lower	Upper
114	100		
63	20.9	16.2	24.2
88	16.4	12.5	18.7



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: VN085210.D
 Acq: 16 Dec 2024 11:21

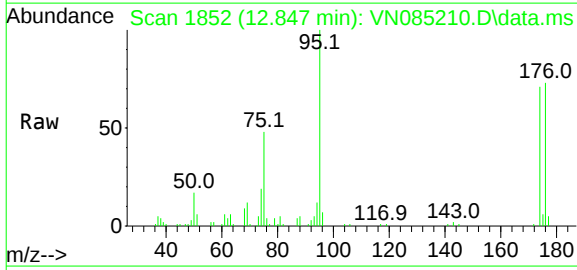
Tgt Ion:	117	Resp:	129681
Ion	Ratio	Lower	Upper
117	100		
82	57.3	44.2	66.4
119	31.9	25.4	38.2



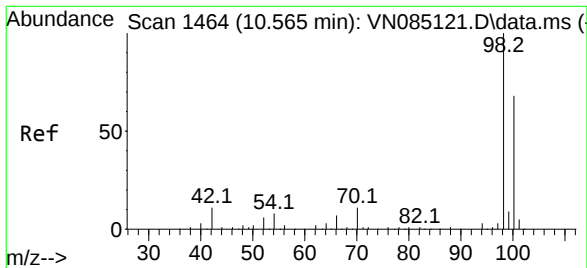
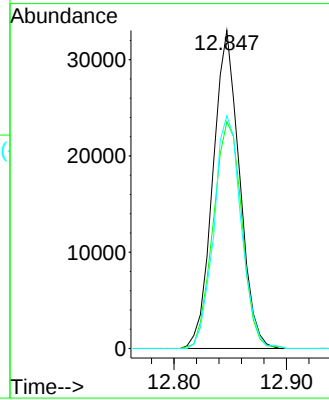
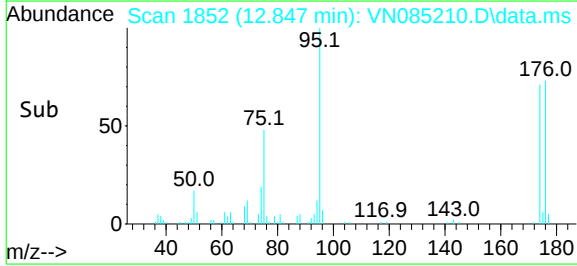


#60
4-Bromofluorobenzene
Concen: 25.232 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085210.D
Acq: 16 Dec 2024 11:21

Instrument :
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VN1216WBL01



Tgt Ion: 95 Resp: 54141
Ion Ratio Lower Upper
95 100
174 76.7 60.3 90.5
176 75.3 57.4 86.0



#63
Toluene-d8
Concen: 29.169 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085210.D
Acq: 16 Dec 2024 11:21

Tgt Ion: 98 Resp: 177437
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0

