

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120624\
 Data File : VN085130.D
 Acq On : 06 Dec 2024 16:27
 Operator : JC\MD
 Sample : P5051-04 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-4

Quant Time: Dec 06 23:10:18 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	7.812	128	26993	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	137167	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	123603	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	66215	30.916	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.067%
60) 4-Bromofluorobenzene	12.847	95	48624	23.775	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	79.267%
63) Toluene-d8	10.565	98	166192	28.664	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.533%

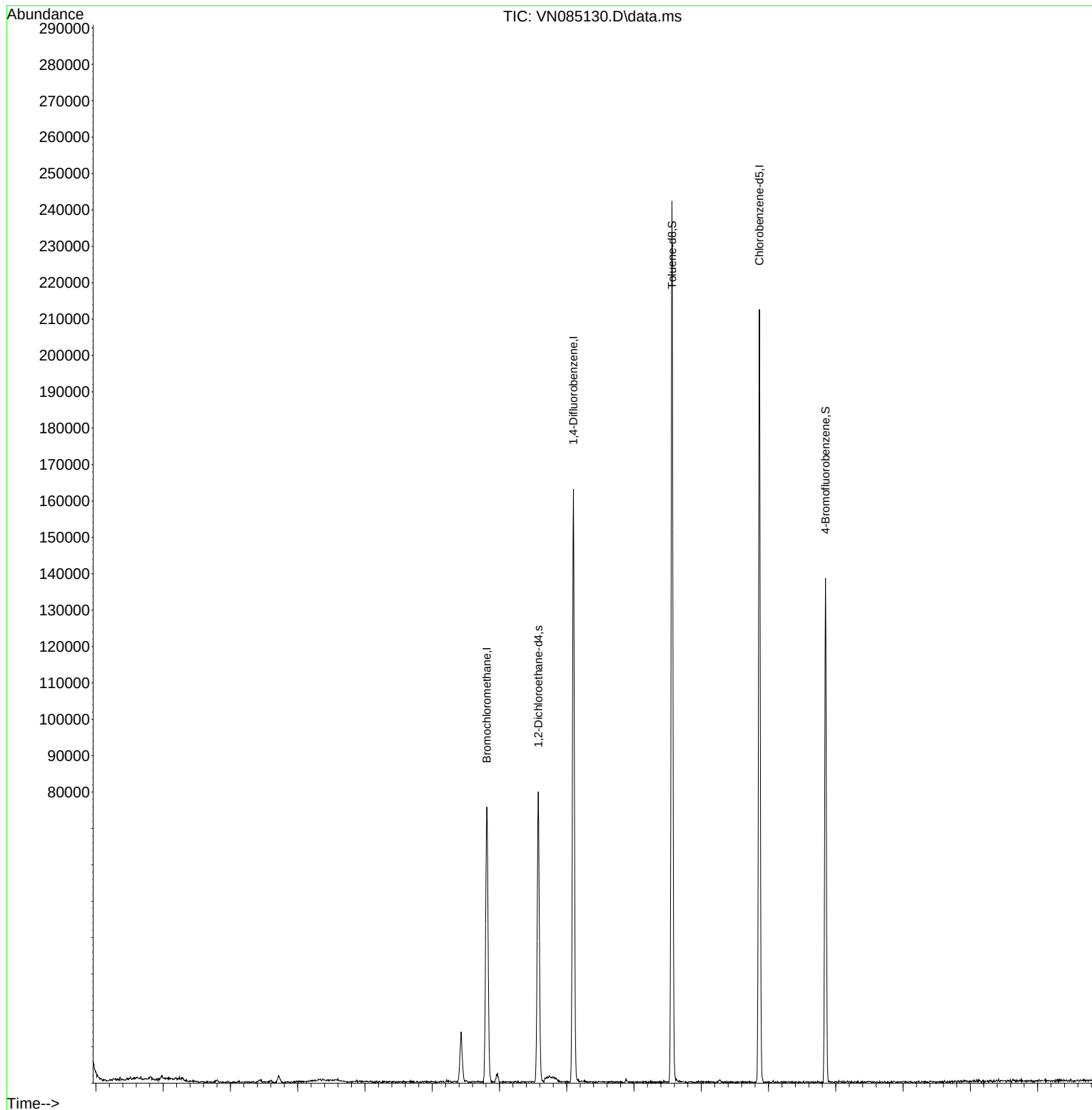
Target Compounds	Qvalue

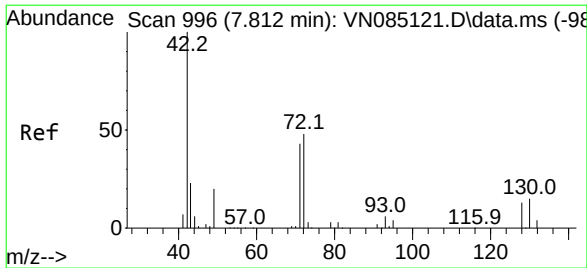
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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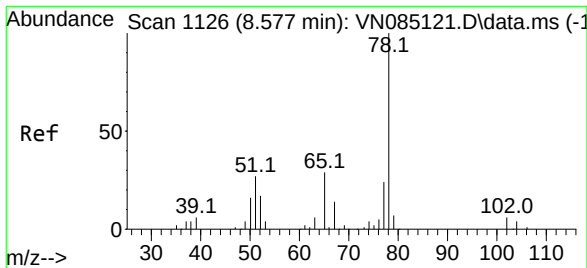
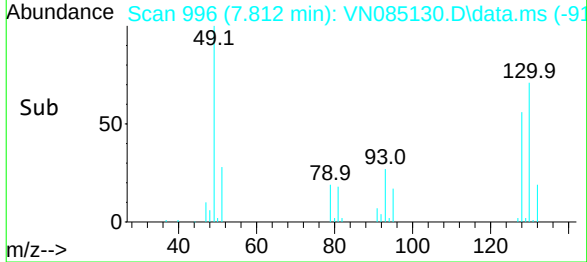
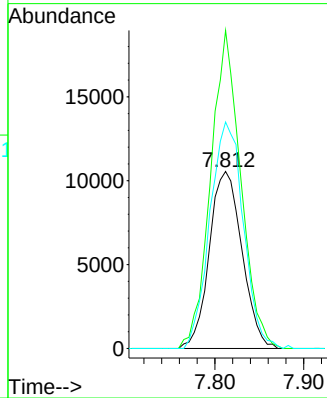
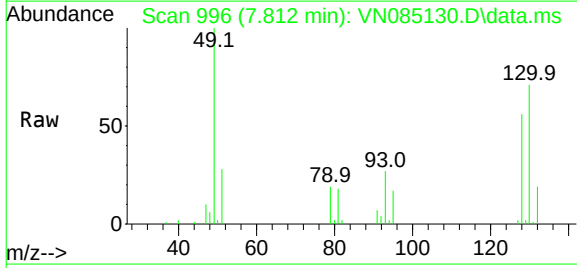




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN085130.D
Acq: 06 Dec 2024 16:27

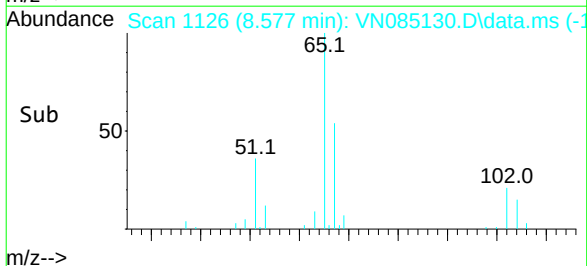
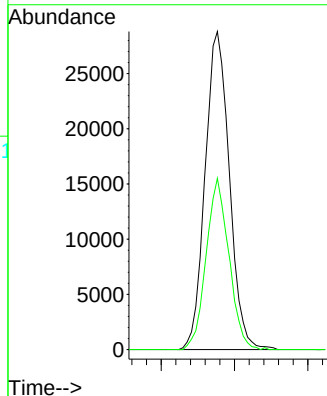
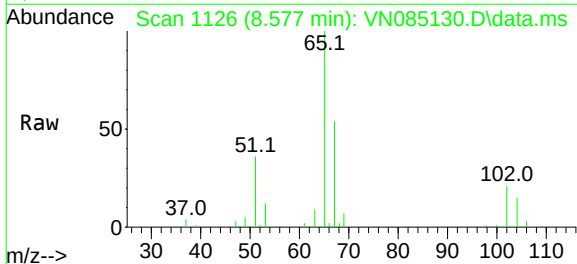
Instrument :
MSVOA_N
ClientSampleId :
14B-4

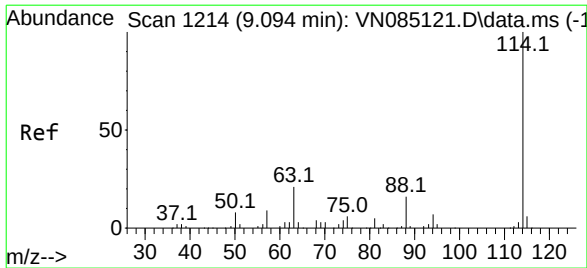
Tgt Ion:128 Resp: 26993
Ion Ratio Lower Upper
128 100
49 165.0 0.0 394.5
130 131.0 0.0 316.5



#27
1,2-Dichloroethane-d4
Concen: 30.916 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085130.D
Acq: 06 Dec 2024 16:27

Tgt Ion: 65 Resp: 66215
Ion Ratio Lower Upper
65 100
67 50.5 39.9 59.9

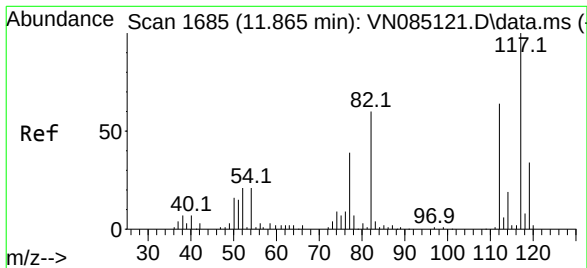
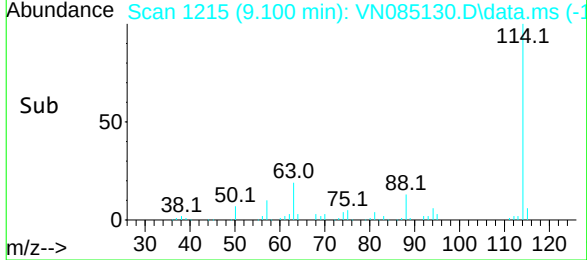
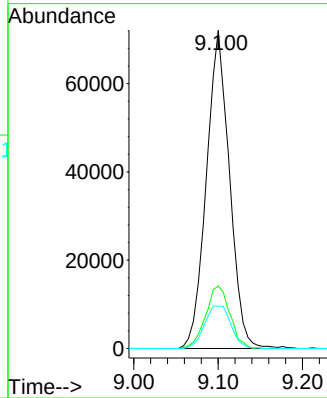
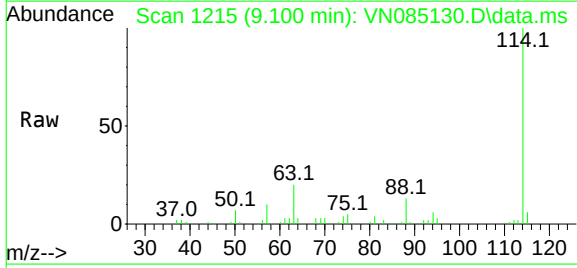




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1214
Delta R.T. 0.000 min
Lab File: VN085130.D
Acq: 06 Dec 2024 16:27

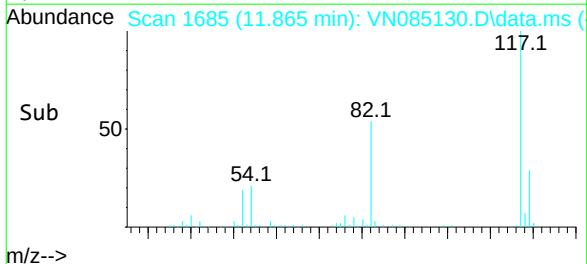
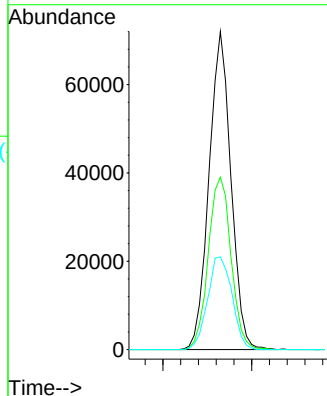
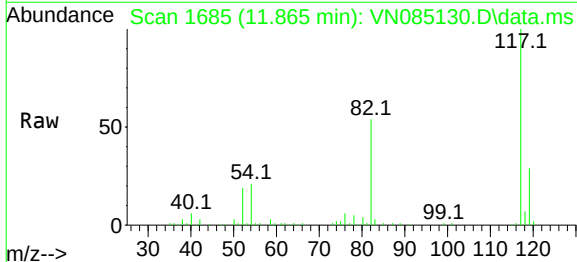
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14B-4

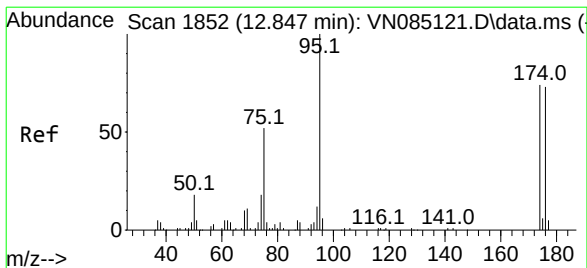
Tgt Ion:	114	Resp:	137167
Ion	Ratio	Lower	Upper
114	100		
63	20.6	16.2	24.2
88	15.3	12.5	18.7



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085130.D
Acq: 06 Dec 2024 16:27

Tgt Ion:	117	Resp:	123603
Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.2	66.4
119	32.4	25.4	38.2





#60

4-Bromofluorobenzene

Concen: 23.775 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085130.D

Acq: 06 Dec 2024 16:27

Instrument :

MSVOA_N

ClientSampleId :

14B-4

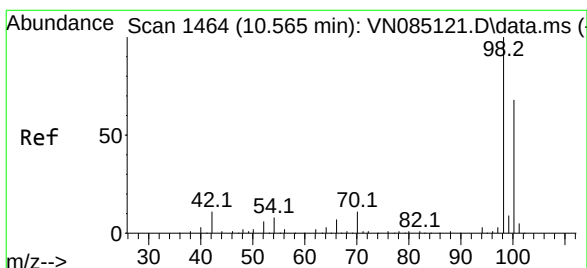
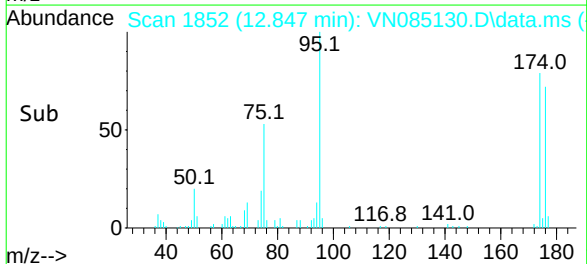
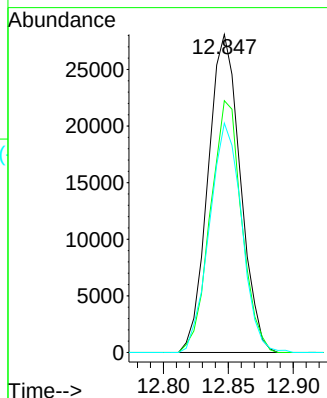
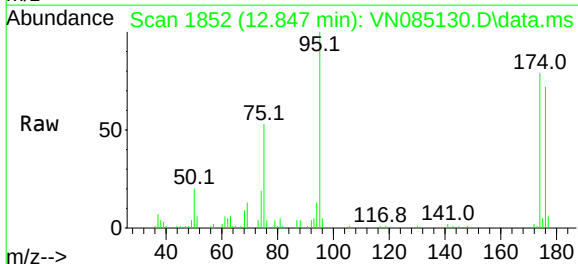
Tgt Ion: 95 Resp: 48624

Ion Ratio Lower Upper

95 100

174 76.7 60.3 90.5

176 72.1 57.4 86.0



#63

Toluene-d8

Concen: 28.664 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085130.D

Acq: 06 Dec 2024 16:27

Tgt Ion: 98 Resp: 166192

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0

