

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120624\
 Data File : VN085128.D
 Acq On : 06 Dec 2024 15:39
 Operator : JC\MD
 Sample : P5051-02 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-2

Quant Time: Dec 06 23:09:37 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	28473	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	143498	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	125904	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	68819	30.461	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.533%
60) 4-Bromofluorobenzene	12.847	95	49316	23.673	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	78.900%
63) Toluene-d8	10.565	98	171880	29.103	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.000%

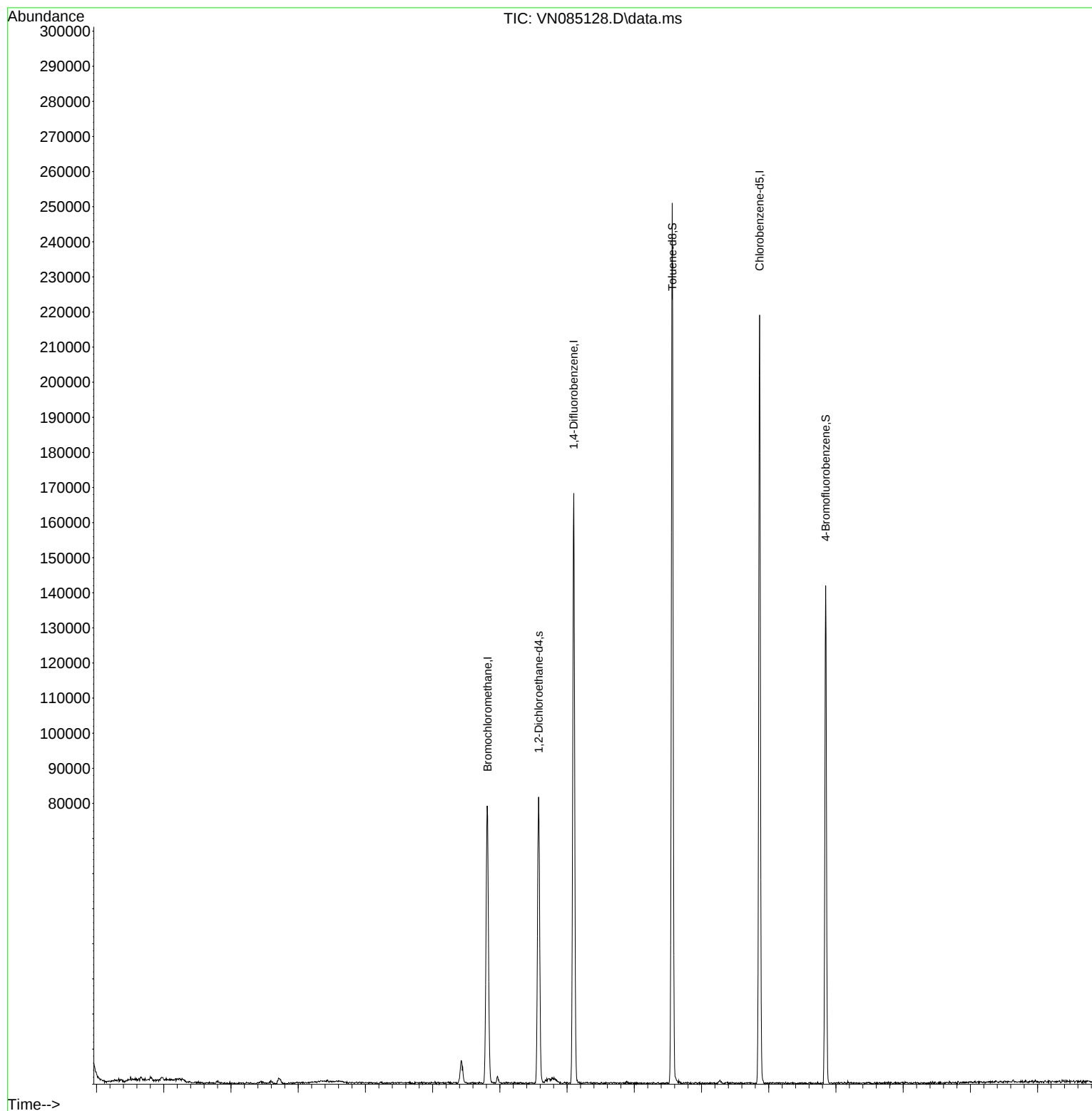
Target Compounds	Qvalue

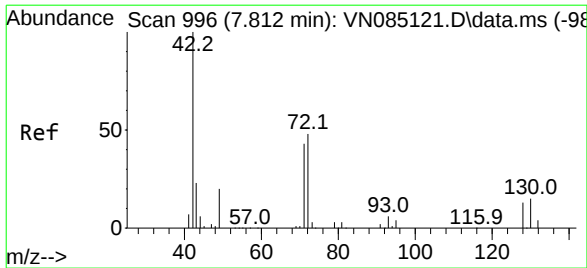
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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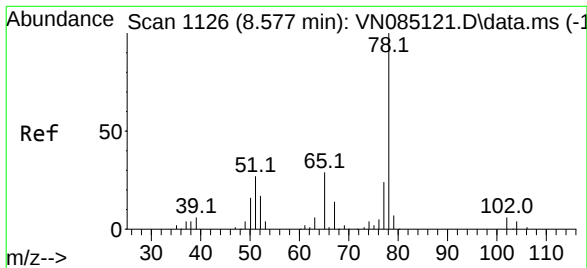
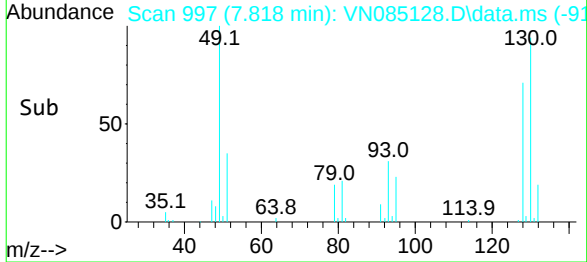
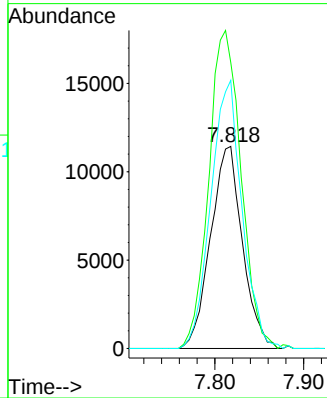
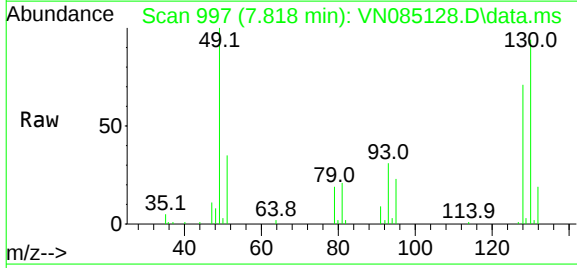




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN085128.D
Acq: 06 Dec 2024 15:39

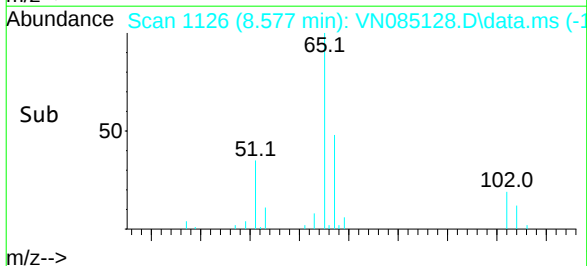
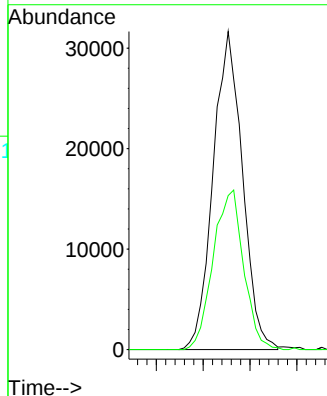
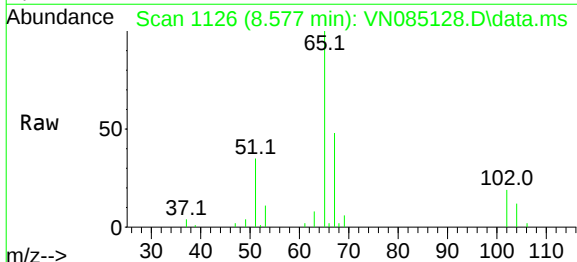
Instrument :
MSVOA_N
ClientSampleId :
14B-2

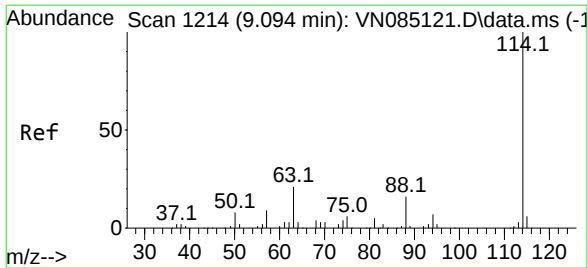
Tgt Ion	Ratio	Lower	Upper
128	100		
49	159.6	0.0	394.5
130	130.1	0.0	316.5



#27
1,2-Dichloroethane-d4
Concen: 30.461 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085128.D
Acq: 06 Dec 2024 15:39

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.0	39.9	59.9

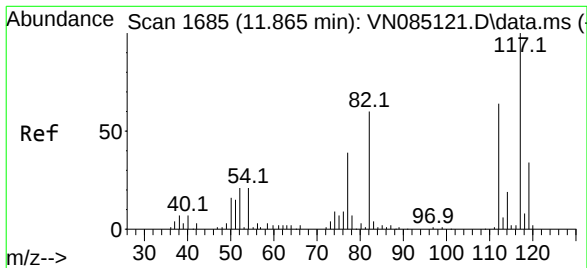
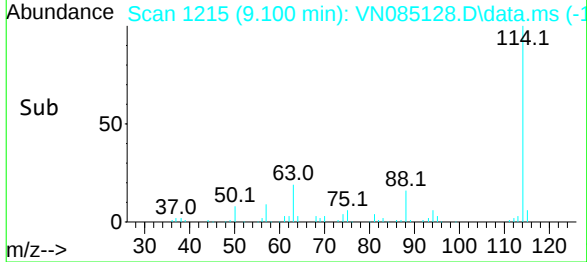
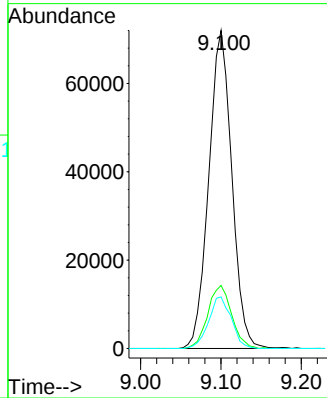
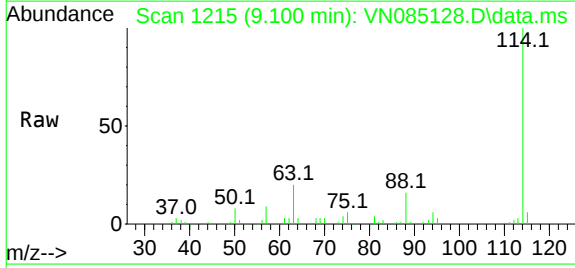




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1214
Delta R.T. 0.000 min
Lab File: VN085128.D
Acq: 06 Dec 2024 15:39

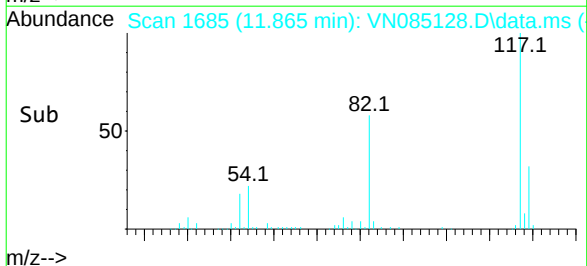
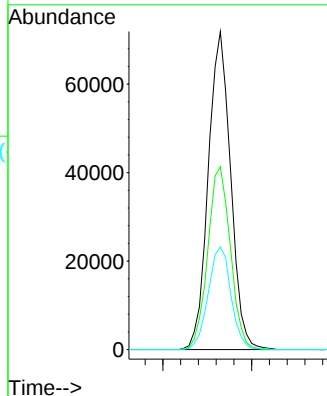
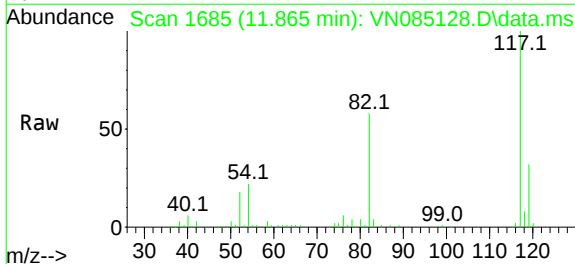
Instrument :
MSVOA_N
ClientSampleId :
14B-2

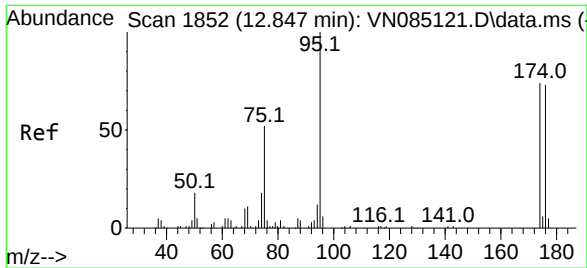
Tgt Ion:	114	Resp:	143498
Ion	Ratio	Lower	Upper
114	100		
63	20.5	16.2	24.2
88	16.0	12.5	18.7



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085128.D
Acq: 06 Dec 2024 15:39

Tgt Ion:	117	Resp:	125904
Ion	Ratio	Lower	Upper
117	100		
82	58.0	44.2	66.4
119	32.9	25.4	38.2





#60

4-Bromofluorobenzene

Concen: 23.673 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085128.D

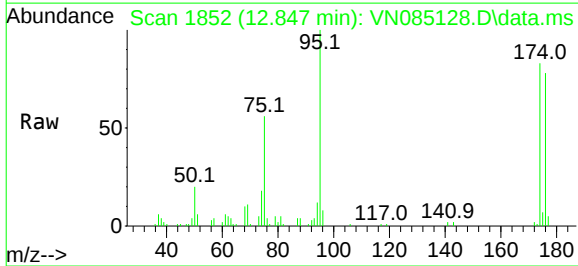
Acq: 06 Dec 2024 15:39

Instrument :

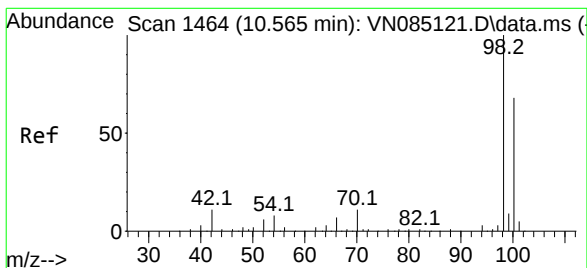
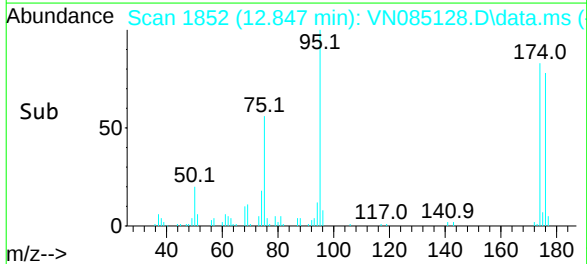
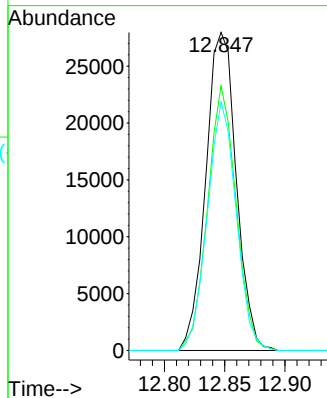
MSVOA_N

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14B-2



Tgt Ion:	95	Resp:	49316
Ion	Ratio	Lower	Upper
95	100		
174	78.0	60.3	90.5
176	74.0	57.4	86.0



#63

Toluene-d8

Concen: 29.103 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085128.D

Acq: 06 Dec 2024 15:39

Tgt Ion:	98	Resp:	171880
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.0	78.0

