

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120624\
Data File : VN085133.D
Acq On : 06 Dec 2024 17:39
Operator : JC\MD
Sample : P5068-03 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
14B-3

Quant Time: Dec 06 23:11:29 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	27443	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	127767	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	116448	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.571	65	65671	30.159	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.533%
60) 4-Bromofluorobenzene	12.847	95	45253	23.487	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	78.300%
63) Toluene-d8	10.565	98	158510	29.019	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.733%

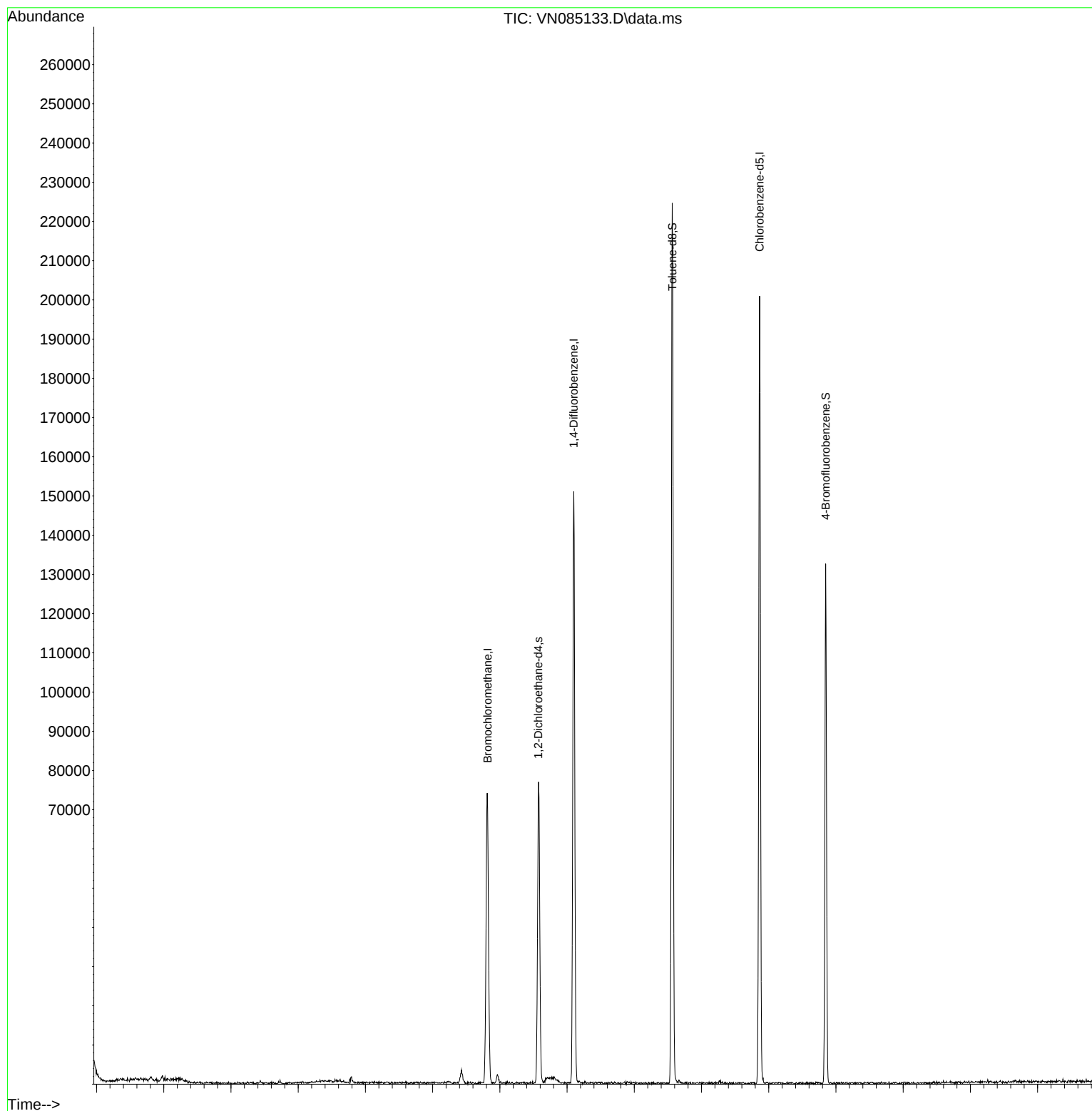
Target Compounds	Qvalue

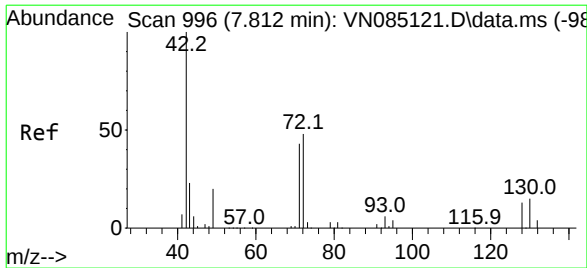
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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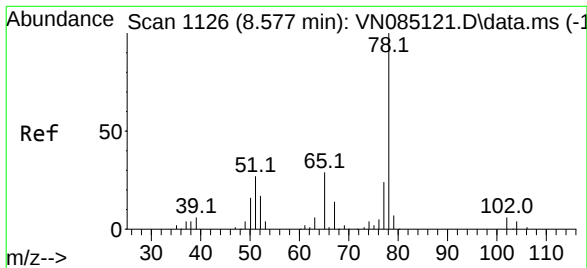
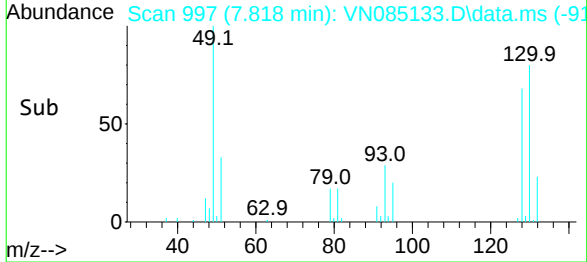
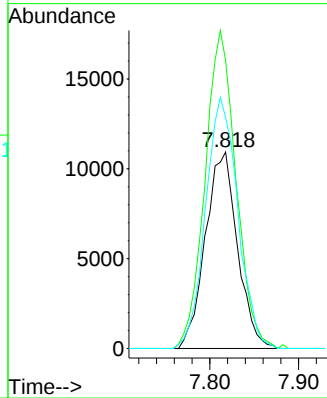
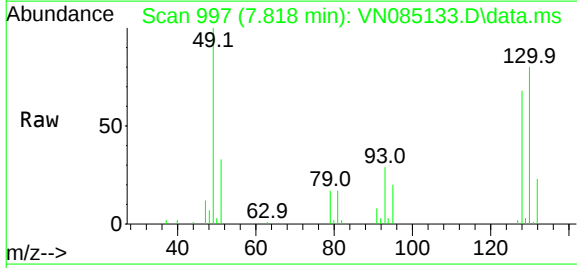




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN085133.D
Acq: 06 Dec 2024 17:39

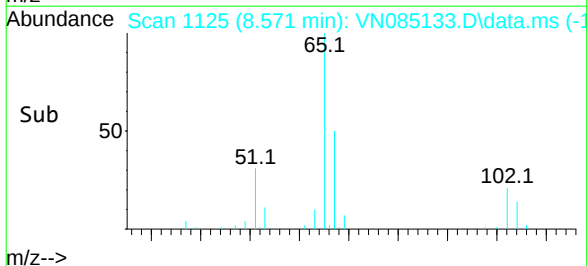
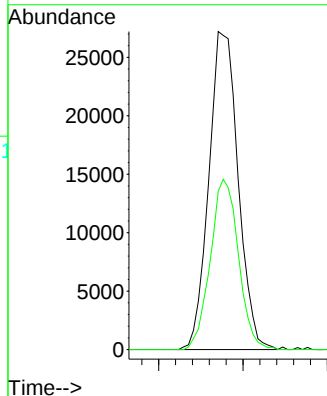
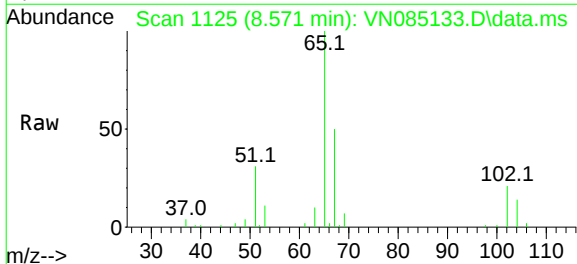
Instrument :
MSVOA_N
ClientSampleId :
14B-3

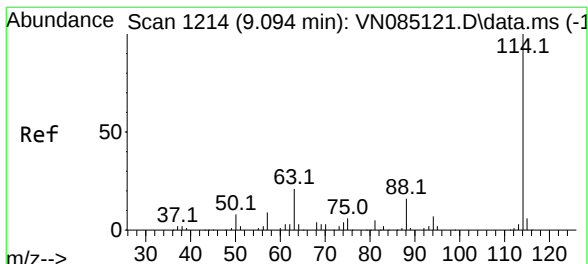
Tgt Ion	Ratio	Lower	Upper
128	100		
49	156.2	0.0	394.5
130	128.6	0.0	316.5



#27
1,2-Dichloroethane-d4
Concen: 30.159 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN085133.D
Acq: 06 Dec 2024 17:39

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.4	39.9	59.9

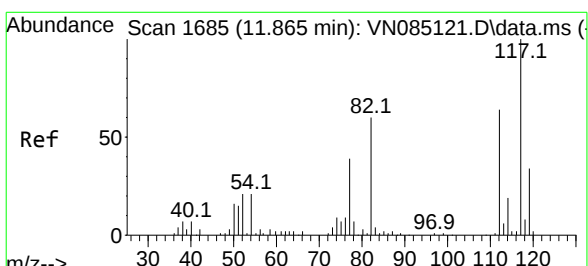
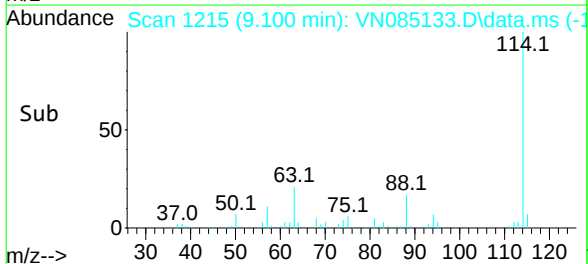
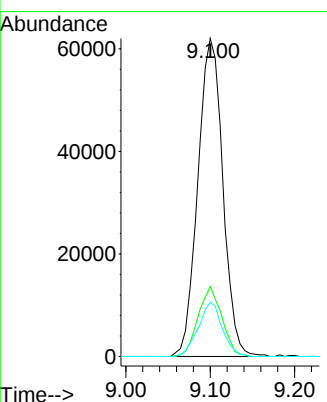
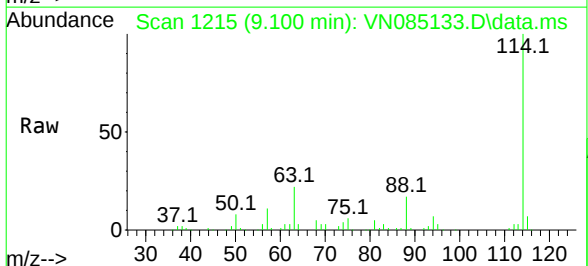




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1214
 Delta R.T. -0.000 min
 Lab File: VN085133.D
 Acq: 06 Dec 2024 17:39

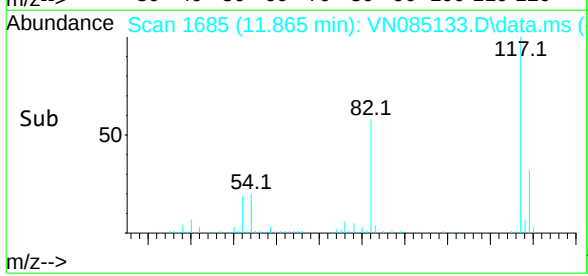
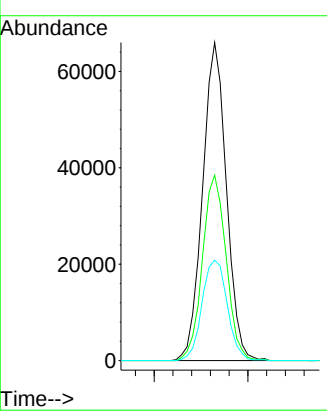
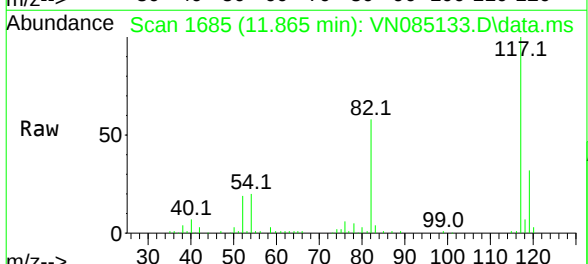
Instrument :
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 14B-3

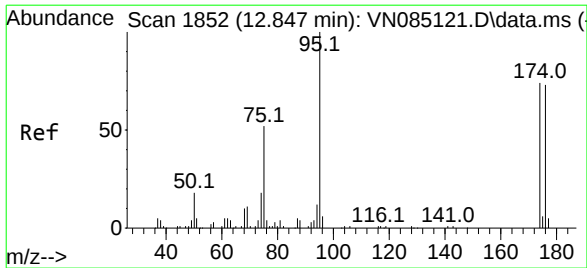
Tgt Ion:	114	Resp:	127767
Ion	Ratio	Lower	Upper
114	100		
63	20.9	16.2	24.2
88	16.4	12.5	18.7



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. -0.000 min
 Lab File: VN085133.D
 Acq: 06 Dec 2024 17:39

Tgt Ion:	117	Resp:	116448
Ion	Ratio	Lower	Upper
117	100		
82	58.0	44.2	66.4
119	33.4	25.4	38.2





#60

4-Bromofluorobenzene

Concen: 23.487 ug/l

RT: 12.847 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN085133.D

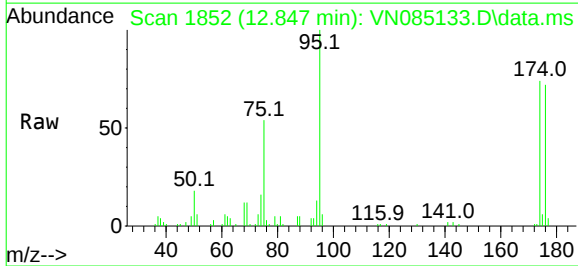
Acq: 06 Dec 2024 17:39

Instrument :

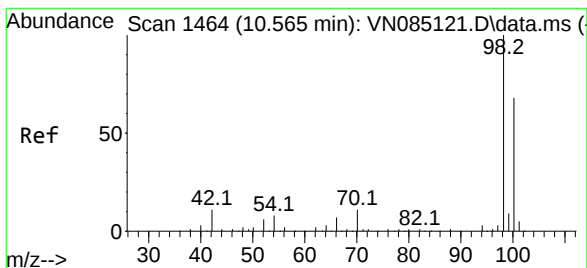
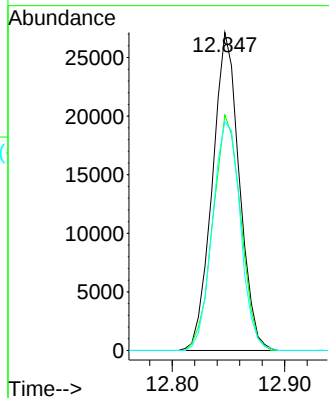
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Tgt Ion:	95	Resp:	45253
Ion	Ratio	Lower	Upper
95	100		
174	76.4	60.3	90.5
176	74.5	57.4	86.0



#63

Toluene-d8

Concen: 29.019 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085133.D

Acq: 06 Dec 2024 17:39

Tgt Ion:	98	Resp:	158510
Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.0	78.0

