

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120624\
 Data File : VN085129.D
 Acq On : 06 Dec 2024 16:03
 Operator : JC\MD
 Sample : P5051-03 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-3

Quant Time: Dec 06 23:09:59 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	25952	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	125149	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	113060	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	61035	29.640	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.800%
60) 4-Bromofluorobenzene	12.847	95	44511	23.794	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	79.300%
63) Toluene-d8	10.565	98	151530	28.572	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.233%

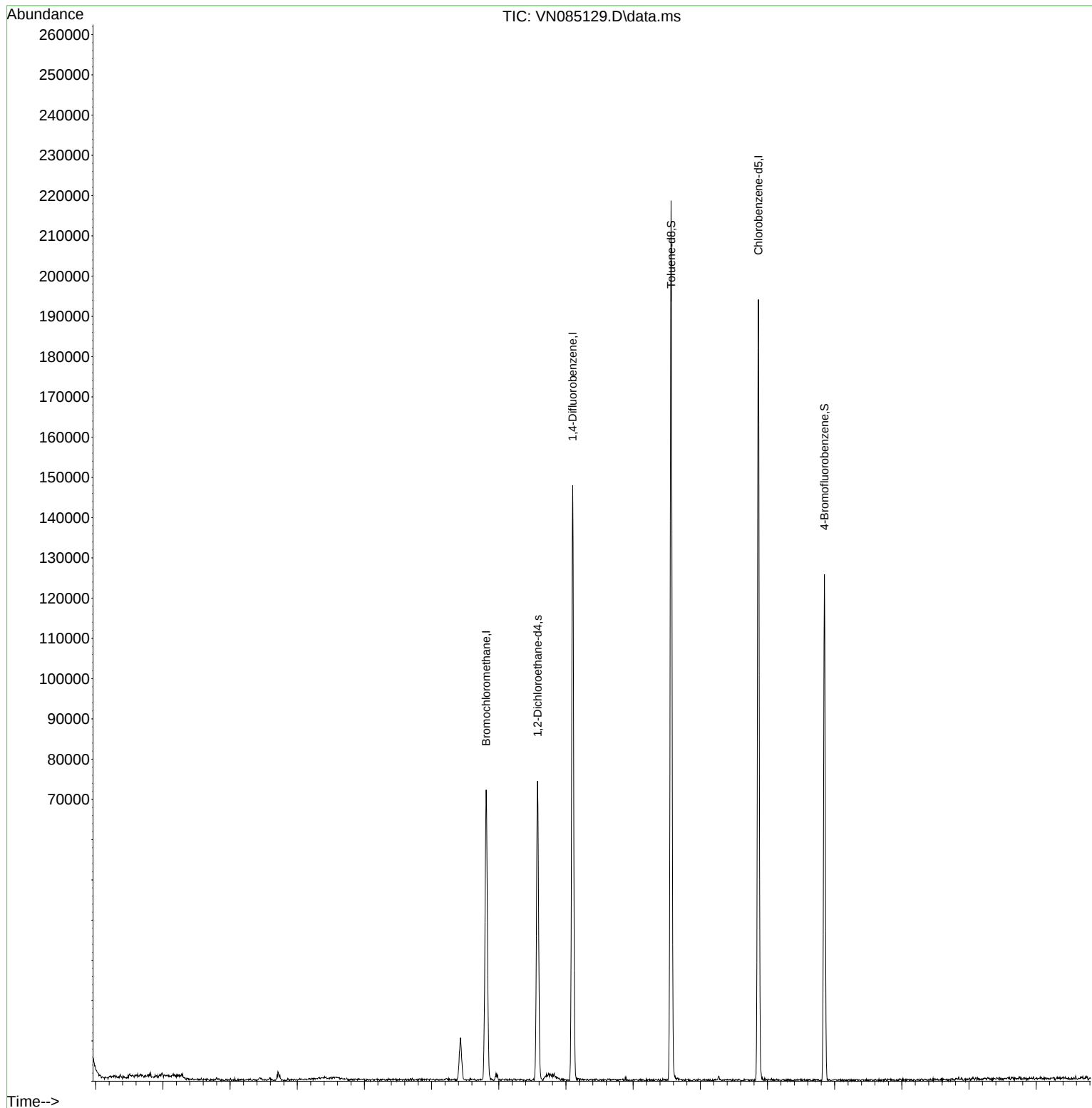
Target Compounds	Qvalue

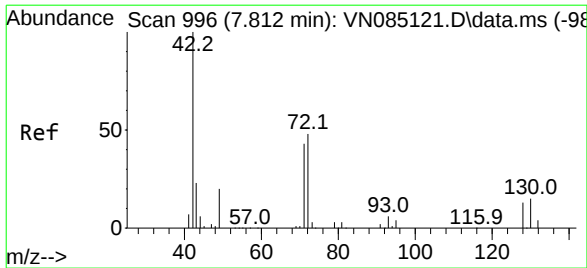
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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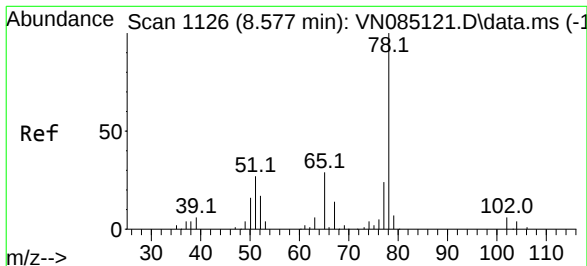
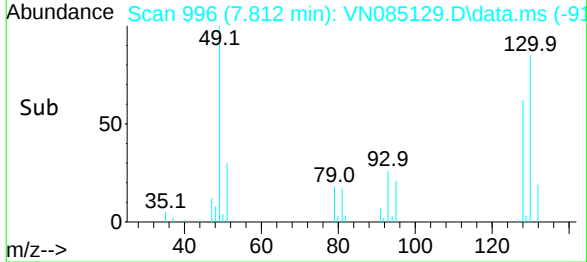
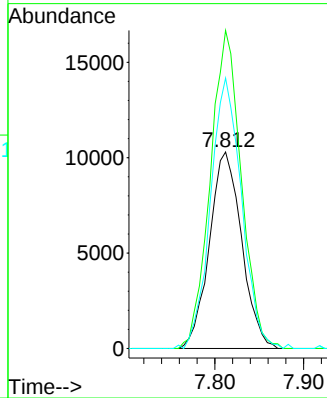
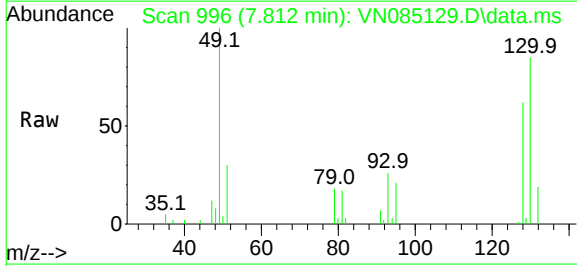




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN085129.D
Acq: 06 Dec 2024 16:03

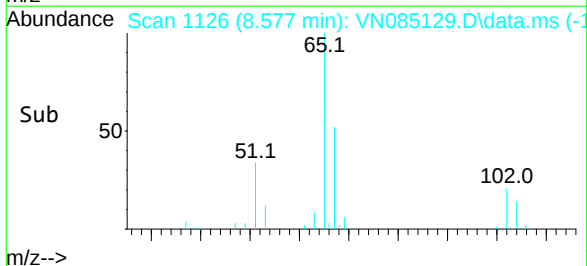
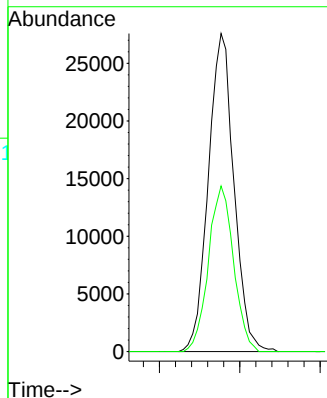
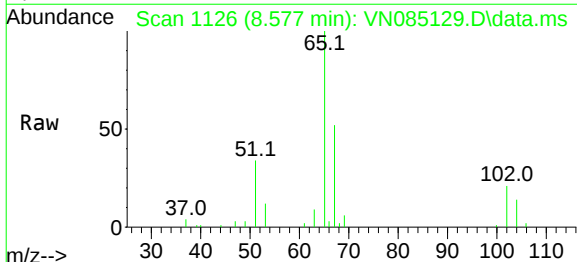
Instrument :
MSVOA_N
ClientSampleId :
14B-3

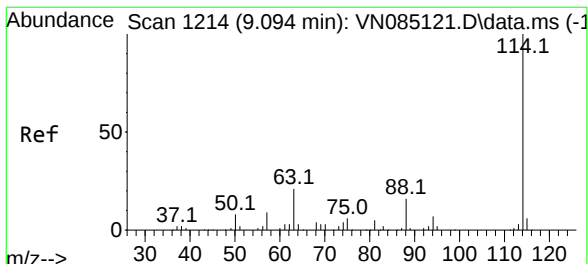
Tgt Ion	Ratio	Lower	Upper
128	100		
49	155.8	0.0	394.5
130	132.3	0.0	316.5



#27
1,2-Dichloroethane-d4
Concen: 29.640 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085129.D
Acq: 06 Dec 2024 16:03

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.0	39.9	59.9

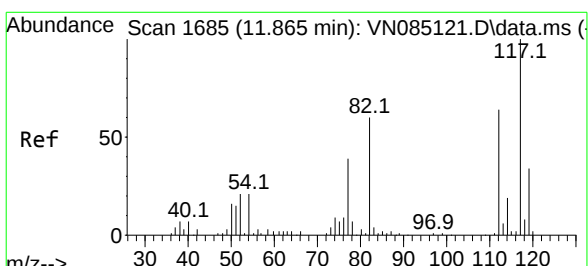
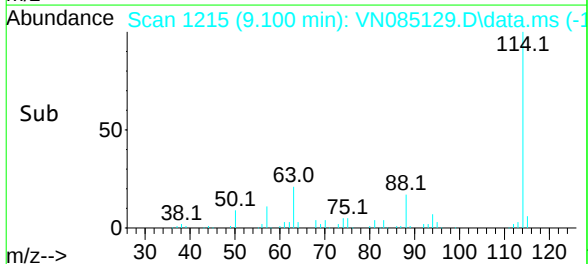
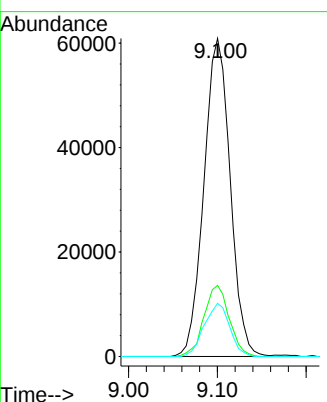
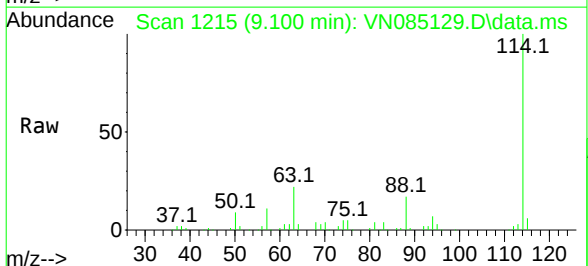




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1214
 Delta R.T. 0.000 min
 Lab File: VN085129.D
 Acq: 06 Dec 2024 16:03

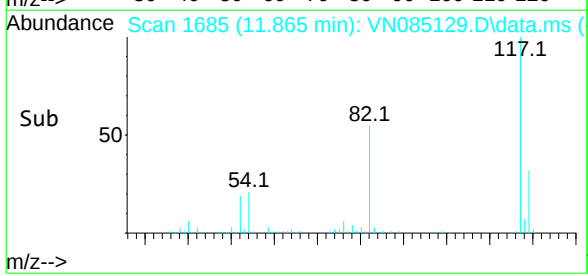
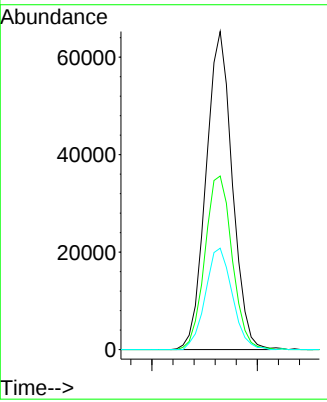
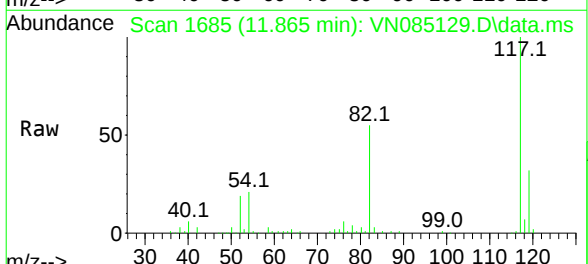
Instrument :
 MSVOA_N
 ClientSampleId :
 14B-3

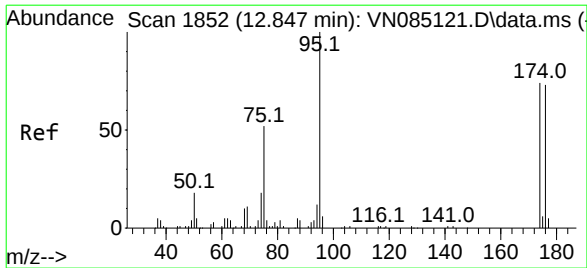
Tgt Ion:	114	Resp:	125149
Ion	Ratio	Lower	Upper
114	100		
63	21.5	16.2	24.2
88	16.2	12.5	18.7



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: VN085129.D
 Acq: 06 Dec 2024 16:03

Tgt Ion:	117	Resp:	113060
Ion	Ratio	Lower	Upper
117	100		
82	56.6	44.2	66.4
119	32.7	25.4	38.2





#60

4-Bromofluorobenzene

Concen: 23.794 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085129.D

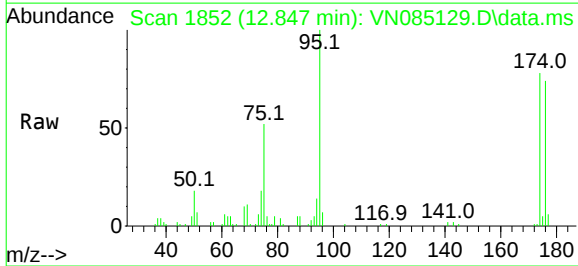
Acq: 06 Dec 2024 16:03

Instrument :

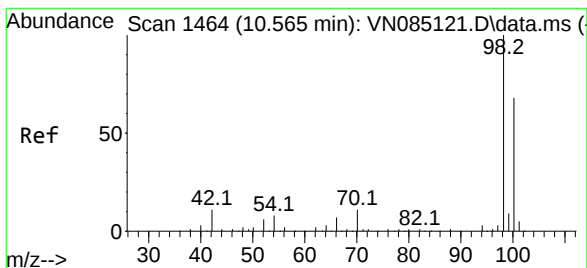
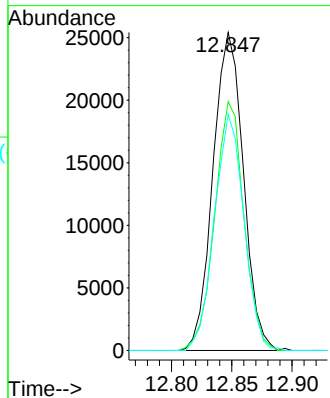
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14B-3



Tgt Ion:	95	Resp:	44511
Ion	Ratio	Lower	Upper
95	100		
174	75.6	60.3	90.5
176	72.4	57.4	86.0



#63

Toluene-d8

Concen: 28.572 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085129.D

Acq: 06 Dec 2024 16:03

Tgt Ion:	98	Resp:	151530
Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.0	78.0

