

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112524\
 Data File : VN085029.D
 Acq On : 25 Nov 2024 15:42
 Operator : JC\MD
 Sample : P4997-01 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-1

Quant Time: Nov 26 07:10:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:38:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.806	128	26188	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	133606	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	114616	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	64976	30.862	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.867%
60) 4-Bromofluorobenzene	12.847	95	49302	24.982	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	83.267%
63) Toluene-d8	10.565	98	153287	28.251	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	94.167%

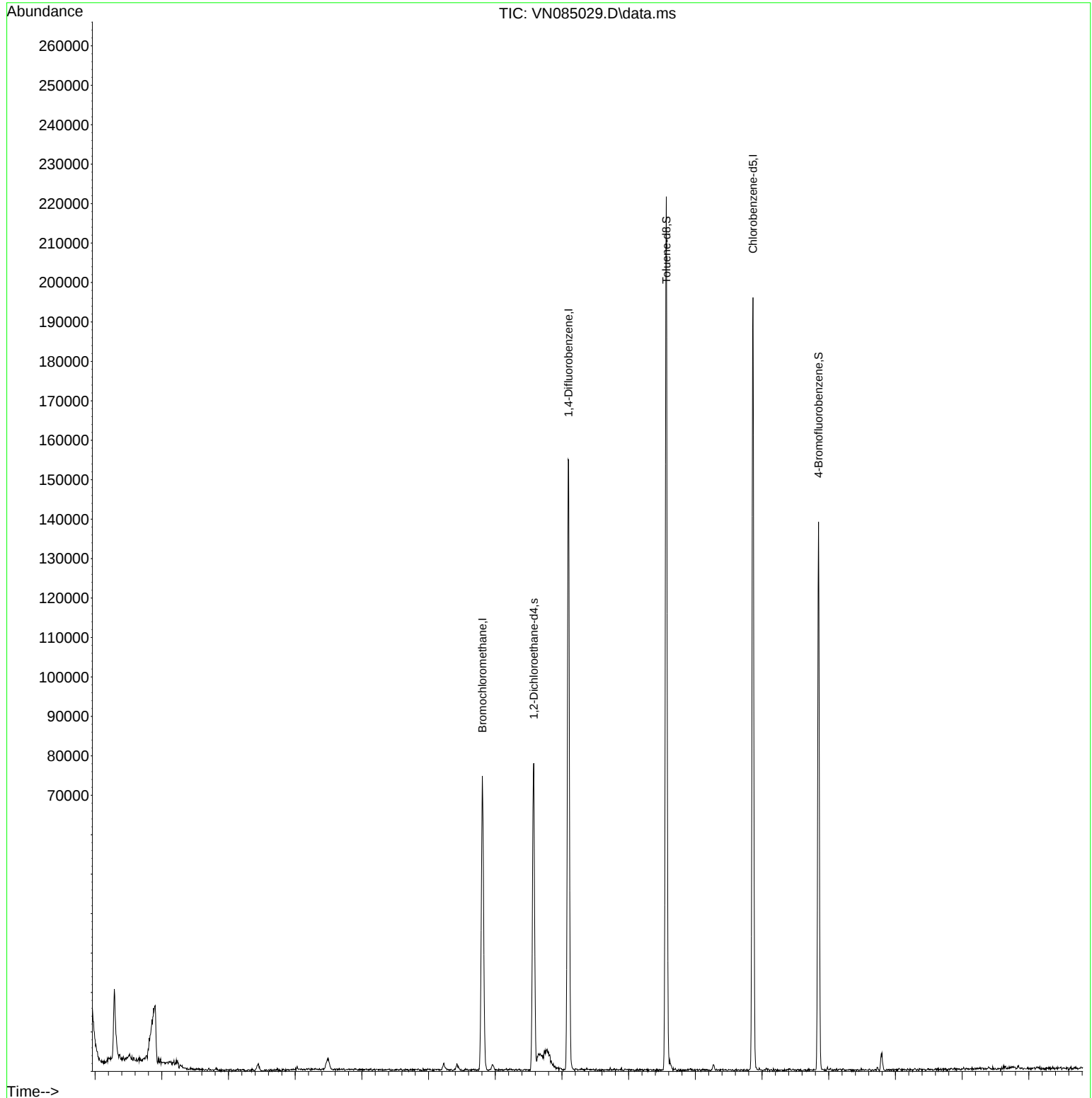
Target Compounds	Qvalue

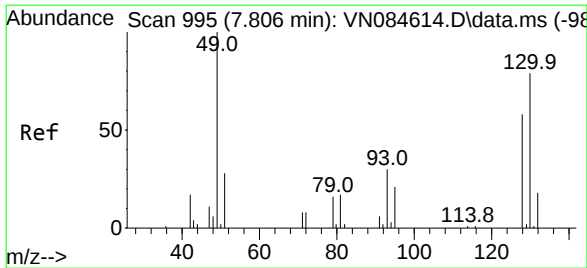
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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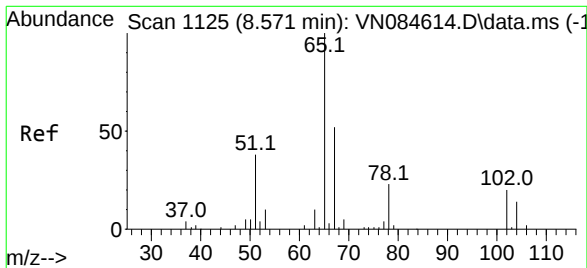
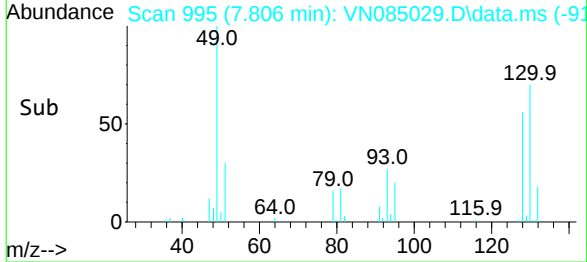
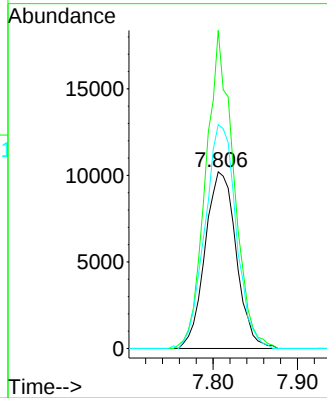
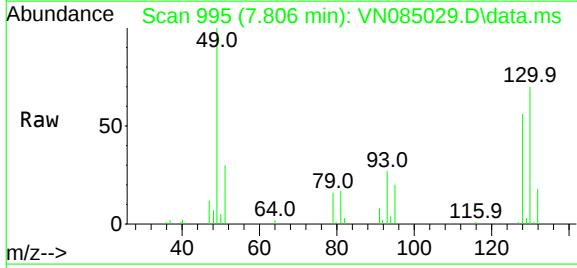




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 995
Delta R.T. 0.000 min
Lab File: VN085029.D
Acq: 25 Nov 2024 15:42

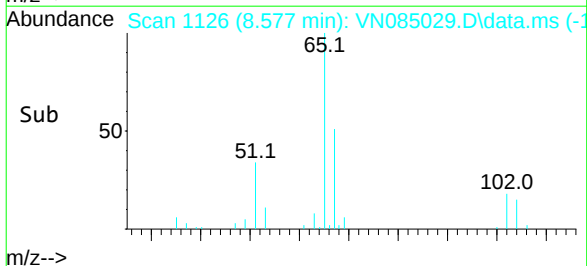
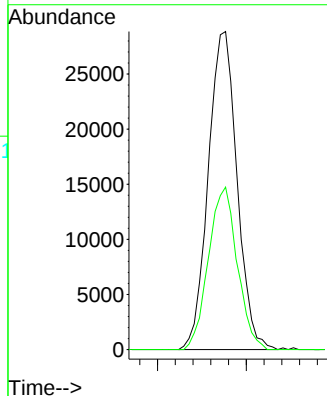
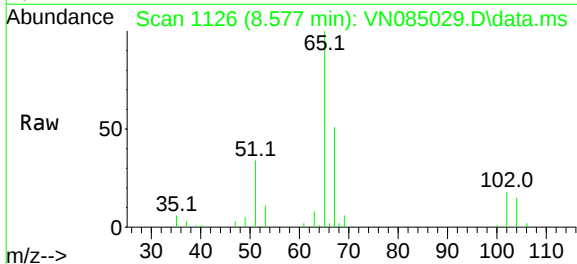
Instrument :
MSVOA_N
ClientSampleId :
14B-1

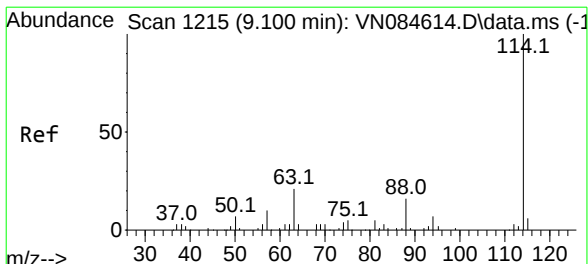
Tgt Ion	Ratio	Lower	Upper
128	100		
49	160.7	0.0	427.0
130	127.0	0.0	322.2



#27
1,2-Dichloroethane-d4
Concen: 30.862 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085029.D
Acq: 25 Nov 2024 15:42

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.1	40.7	61.1

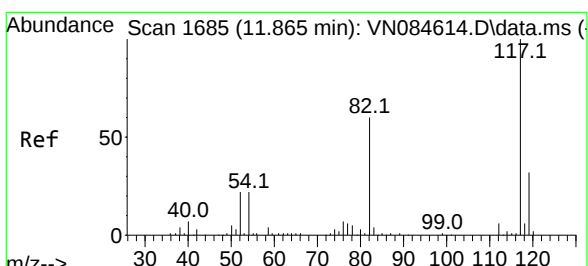
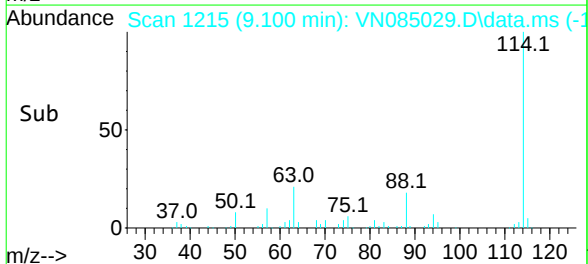
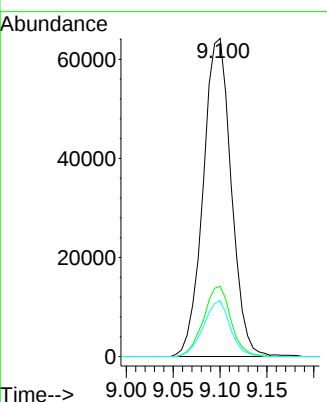
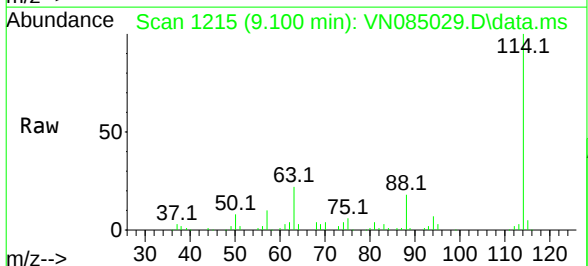




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN085029.D
 Acq: 25 Nov 2024 15:42

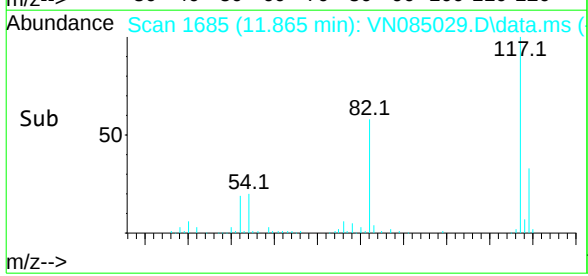
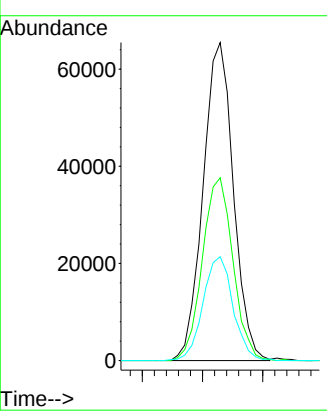
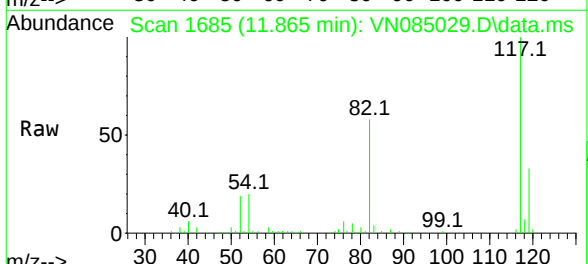
Instrument :
 MSVOA_N
 ClientSampleId :
 14B-1

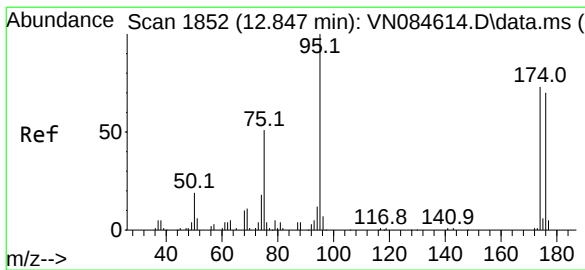
Tgt Ion:	114	Resp:	133606
Ion Ratio	Lower	Upper	
114	100		
63	21.5	16.8	25.2
88	16.7	12.9	19.3



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. -0.000 min
 Lab File: VN085029.D
 Acq: 25 Nov 2024 15:42

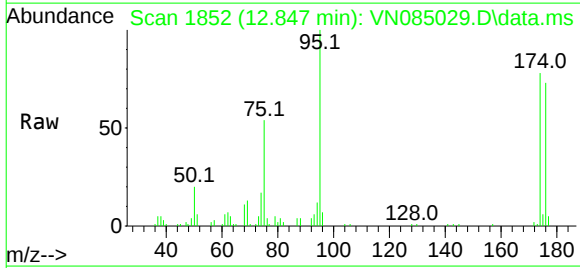
Tgt Ion:	117	Resp:	114616
Ion Ratio	Lower	Upper	
117	100		
82	57.9	45.5	68.3
119	32.4	25.3	37.9



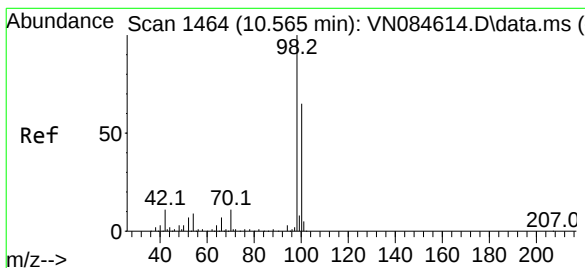
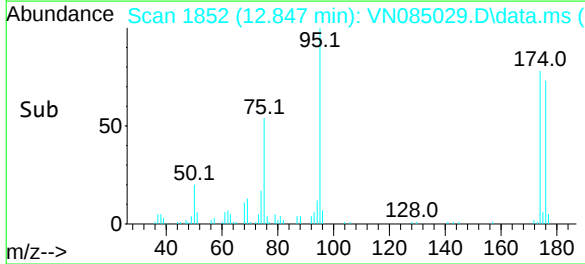
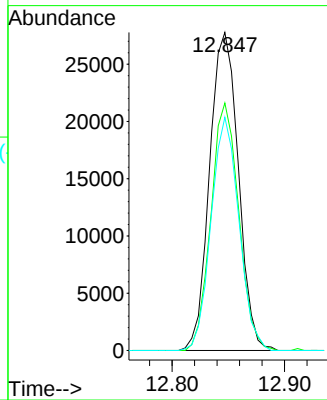


#60
4-Bromofluorobenzene
Concen: 24.982 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085029.D
Acq: 25 Nov 2024 15:42

Instrument :
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ClientSampleId :
14B-1



Tgt Ion:	95	Resp:	49302
Ion	Ratio	Lower	Upper
95	100		
174	75.3	59.6	89.4
176	70.8	58.6	88.0



#63
Toluene-d8
Concen: 28.251 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085029.D
Acq: 25 Nov 2024 15:42

Tgt Ion:	98	Resp:	153287
Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.2	78.2

