

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112524\
 Data File : VN085031.D
 Acq On : 25 Nov 2024 16:30
 Operator : JC\MD
 Sample : P4997-03 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-3

Quant Time: Nov 26 07:28:22 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	7.812	128	25312	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	123987	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	109090	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	61695	30.318	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.067%
60) 4-Bromofluorobenzene	12.847	95	44621	23.755	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	79.200%
63) Toluene-d8	10.565	98	146822	28.430	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	94.767%

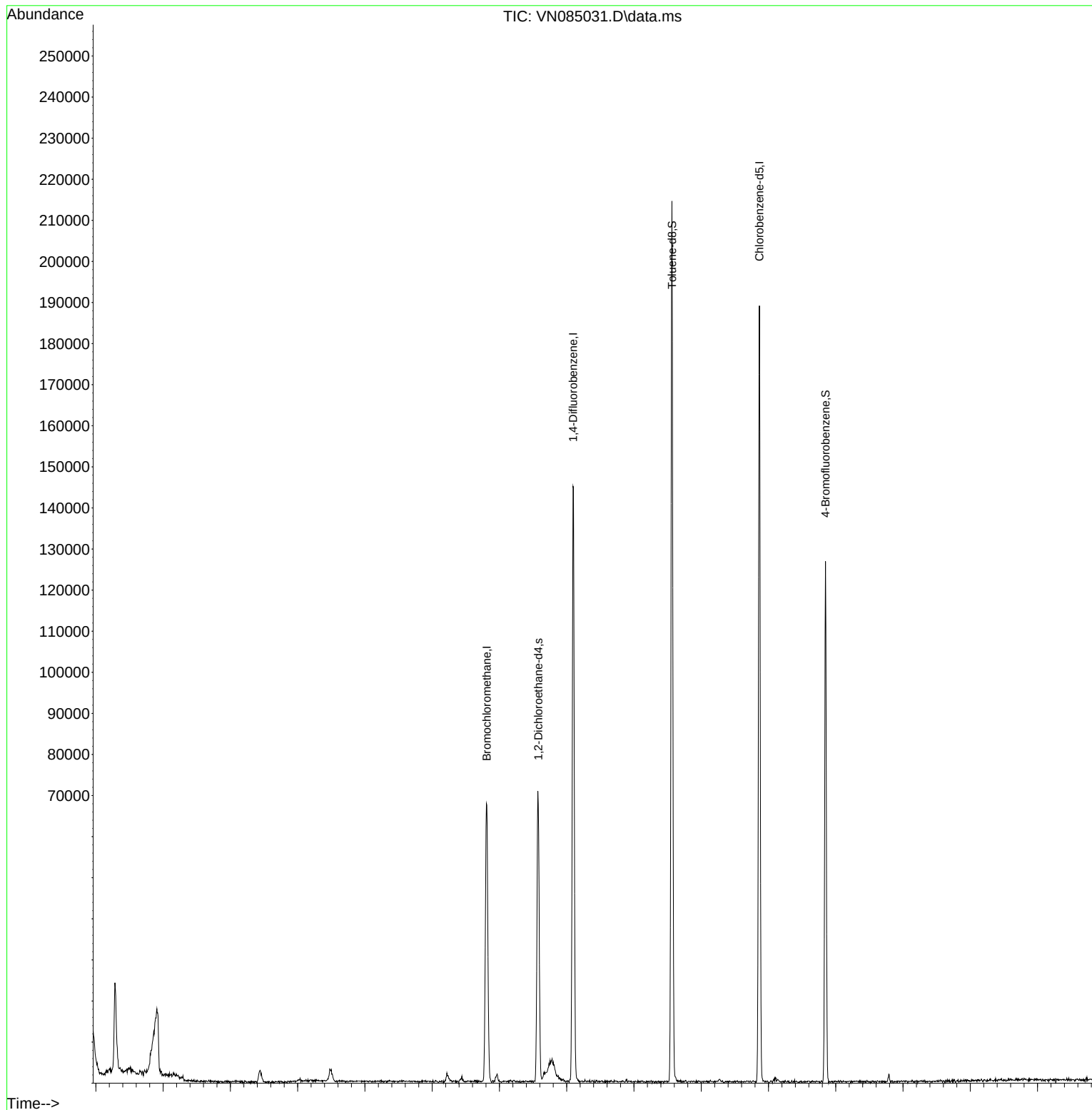
Target Compounds	Qvalue

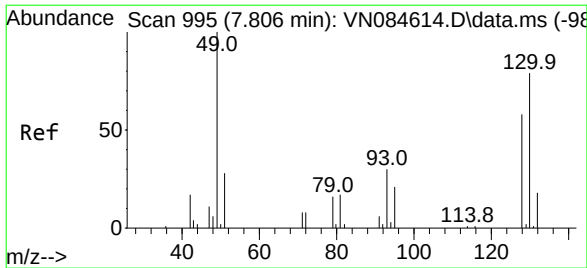
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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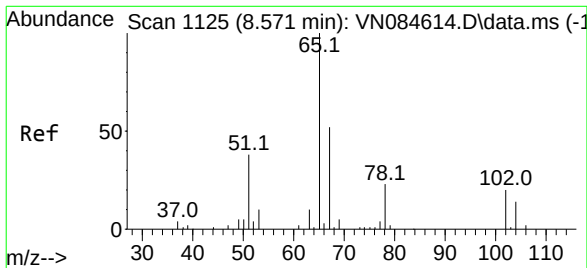
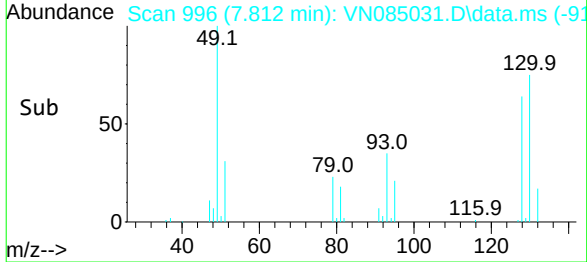
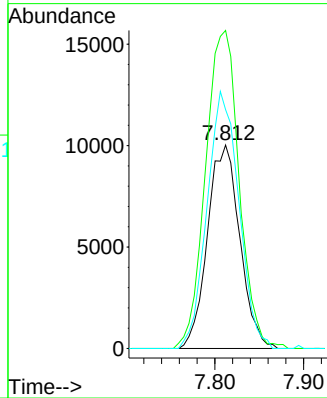
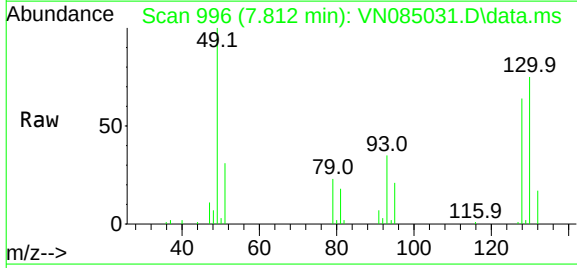




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 995
Delta R.T. 0.006 min
Lab File: VN085031.D
Acq: 25 Nov 2024 16:30

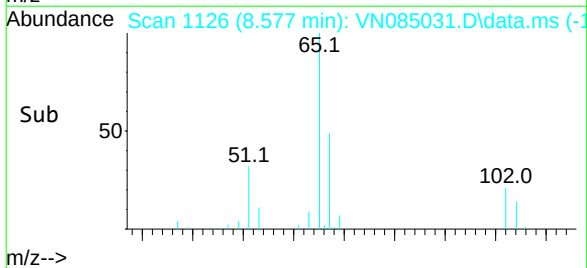
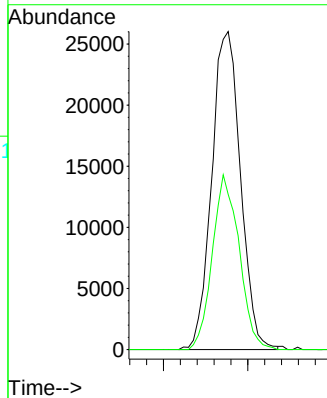
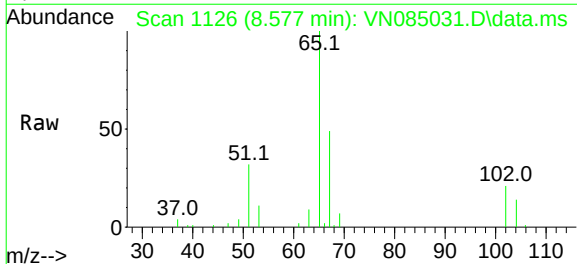
Instrument :
MSVOA_N
ClientSampleId :
14B-3

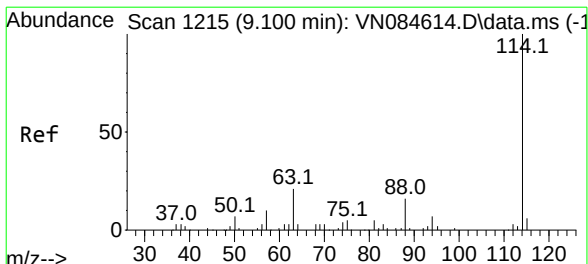
Tgt Ion:	128	Resp:	25312
Ion	Ratio	Lower	Upper
128	100		
49	161.8	0.0	427.0
130	124.8	0.0	322.2



#27
1,2-Dichloroethane-d4
Concen: 30.318 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085031.D
Acq: 25 Nov 2024 16:30

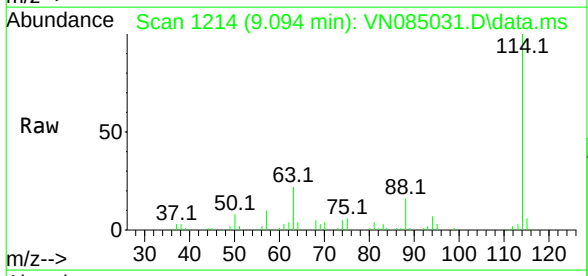
Tgt Ion:	65	Resp:	61695
Ion	Ratio	Lower	Upper
65	100		
67	51.2	40.7	61.1



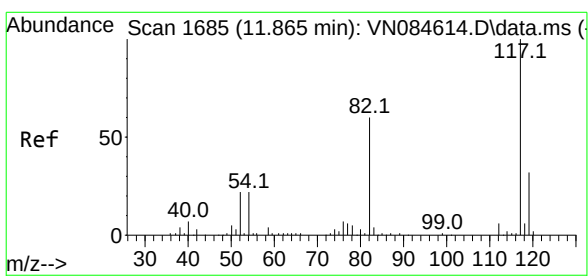
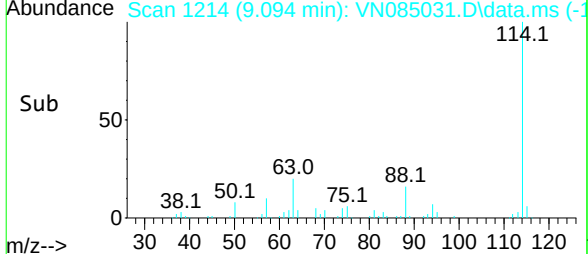
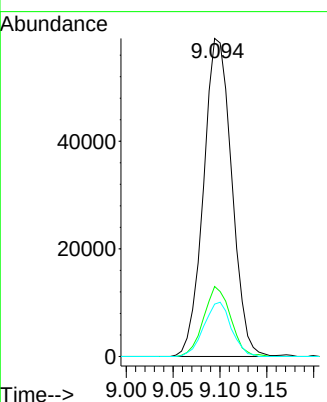


#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. -0.006 min
 Lab File: VN085031.D
 Acq: 25 Nov 2024 16:30

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-3

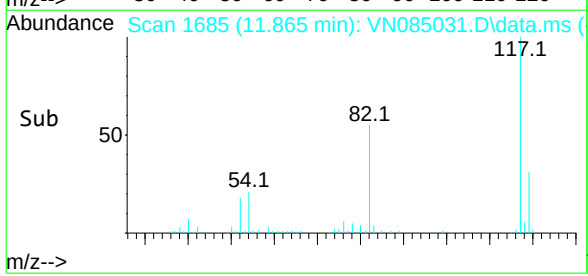
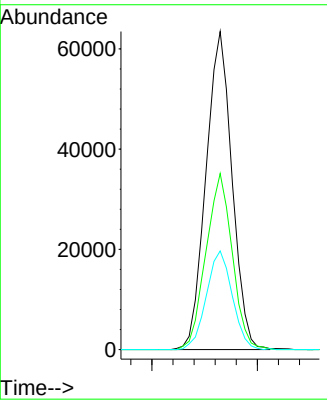
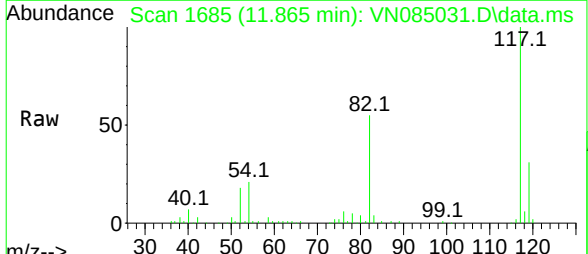


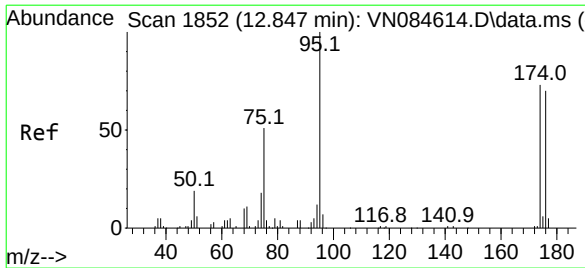
Tgt Ion:	114	Resp:	123987
Ion Ratio	Lower	Upper	
114	100		
63	20.9	16.8	25.2
88	16.5	12.9	19.3



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: VN085031.D
 Acq: 25 Nov 2024 16:30

Tgt Ion:	117	Resp:	109090
Ion Ratio	Lower	Upper	
117	100		
82	55.7	45.5	68.3
119	30.8	25.3	37.9

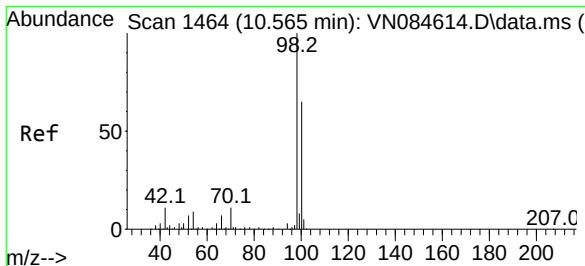
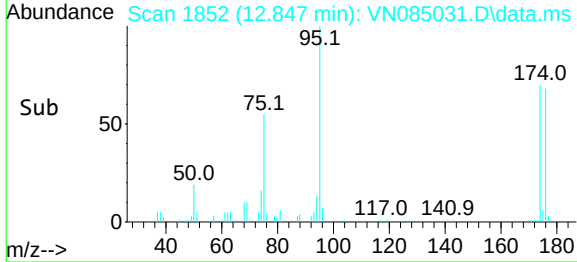
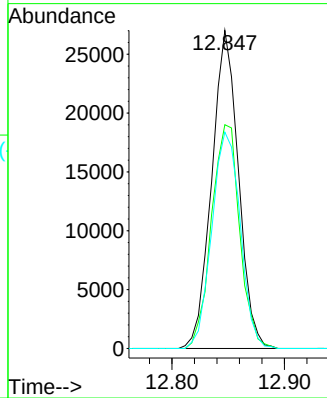
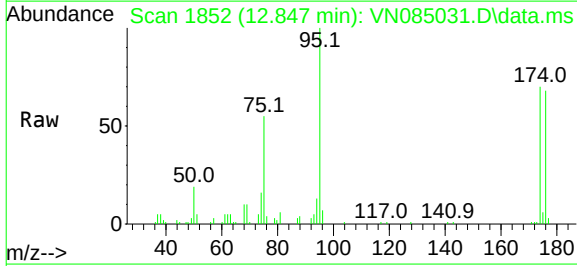




#60
4-Bromofluorobenzene
Concen: 23.755 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085031.D
Acq: 25 Nov 2024 16:30

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Tgt Ion:	95	Resp:	44621
Ion	Ratio	Lower	Upper
95	100		
174	74.2	59.6	89.4
176	72.2	58.6	88.0



#63
Toluene-d8
Concen: 28.430 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085031.D
Acq: 25 Nov 2024 16:30

Tgt Ion:	98	Resp:	146822
Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.2	78.2

