

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112724\
 Data File : VN085056.D
 Acq On : 27 Nov 2024 13:56
 Operator : JC\MD
 Sample : P5018-01 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-1

Quant Time: Nov 28 06:52:00 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	33381	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	177303	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	151222	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	80312	29.927	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.767%
60) 4-Bromofluorobenzene	12.847	95	64801	24.887	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	82.967%
63) Toluene-d8	10.565	98	205957	28.769	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.900%

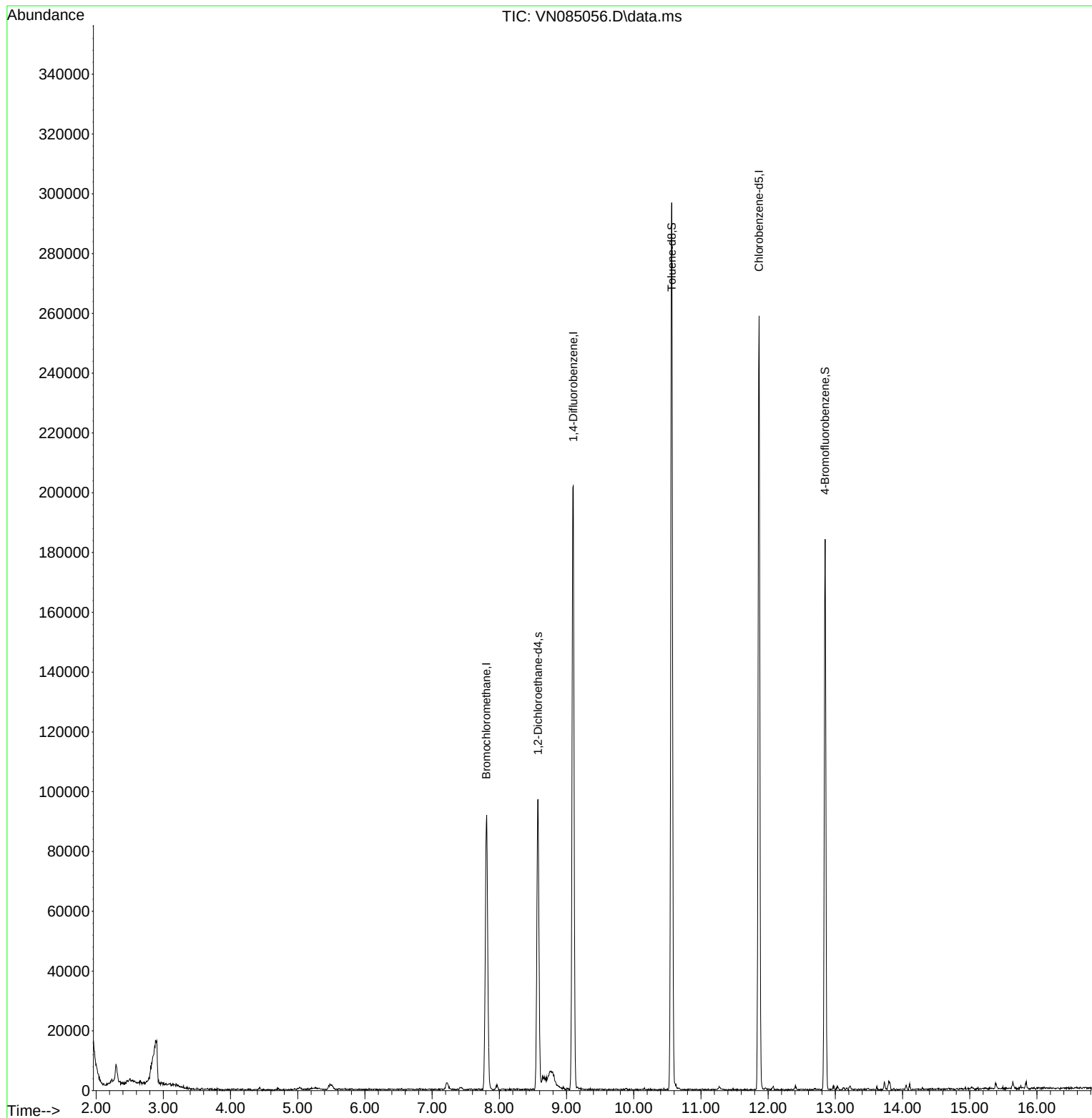
Target Compounds	Qvalue

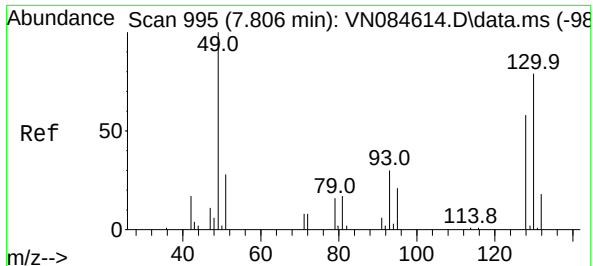
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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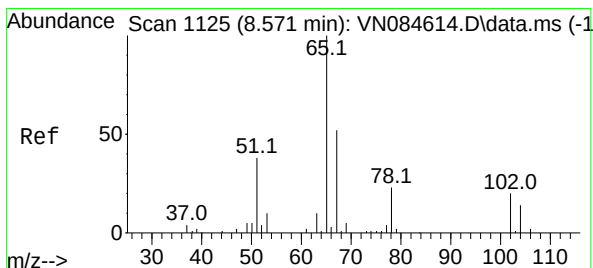
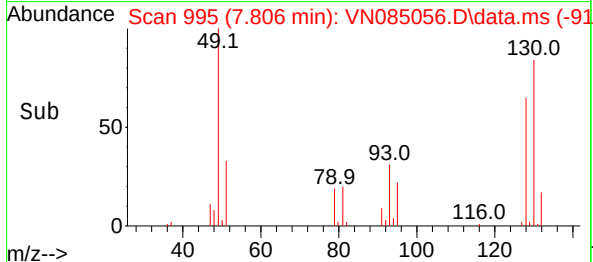
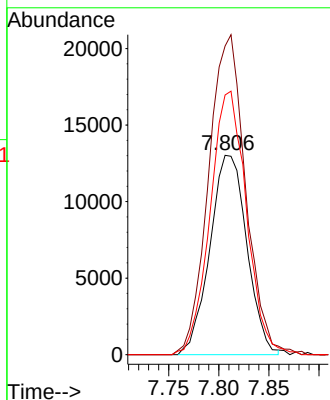
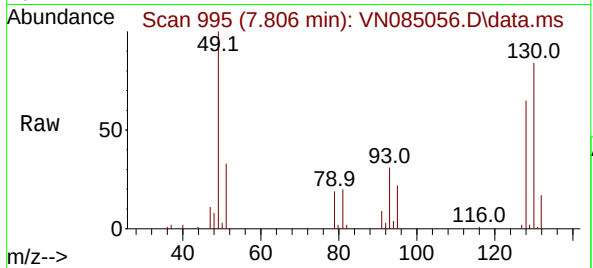




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 995
Delta R.T. 0.000 min
Lab File: VN085056.D
Acq: 27 Nov 2024 13:56

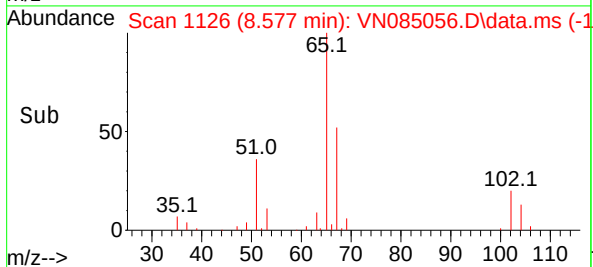
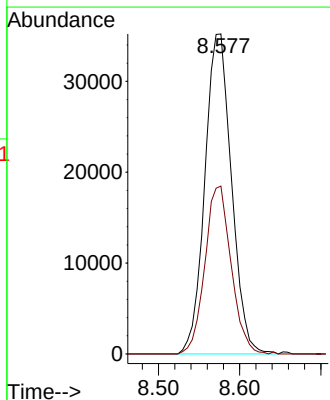
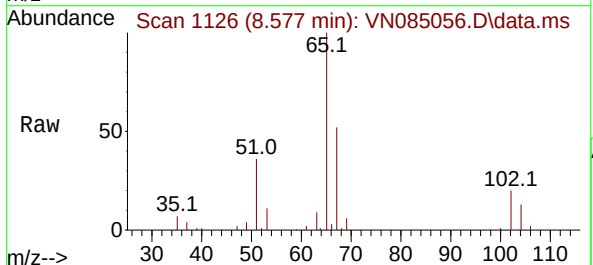
Instrument :
MSVOA_N
ClientSampleId :
14B-1

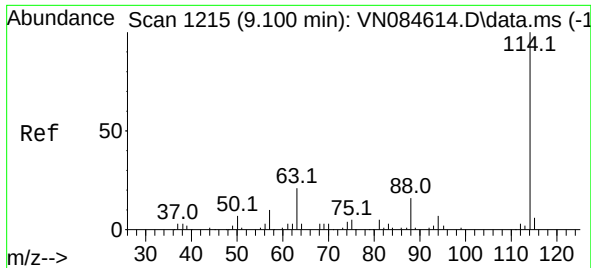
Tgt Ion:128 Resp: 33381
Ion Ratio Lower Upper
128 100
49 160.9 0.0 427.0
130 130.2 0.0 322.2



#27
1,2-Dichloroethane-d4
Concen: 29.927 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085056.D
Acq: 27 Nov 2024 13:56

Tgt Ion: 65 Resp: 80312
Ion Ratio Lower Upper
65 100
67 51.6 40.7 61.1

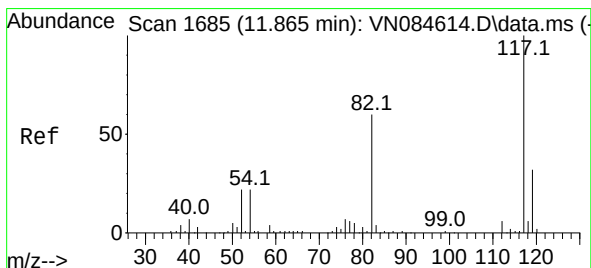
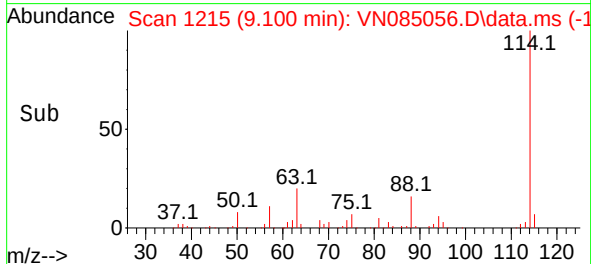
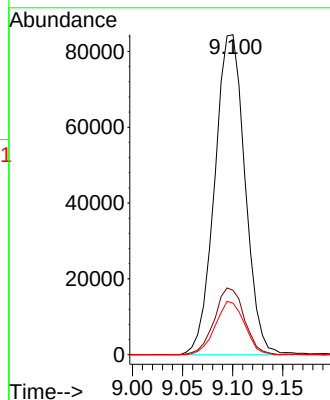
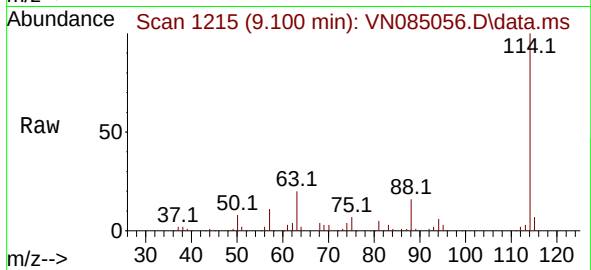




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN085056.D
Acq: 27 Nov 2024 13:56

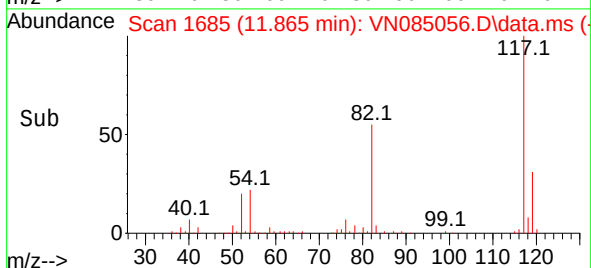
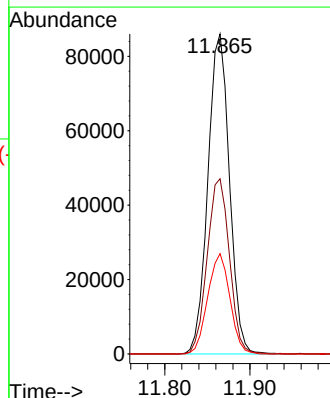
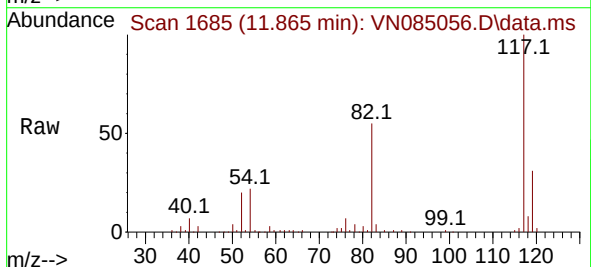
Instrument :
MSVOA_N
ClientSampleId :
14B-1

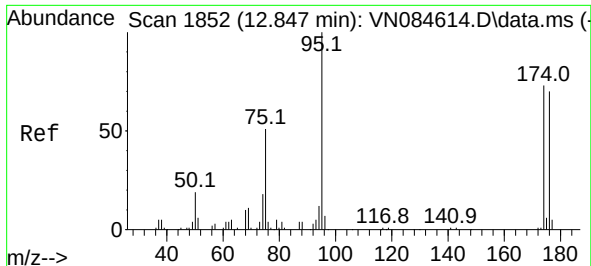
Tgt Ion:114 Resp: 177303
Ion Ratio Lower Upper
114 100
63 20.6 16.8 25.2
88 16.1 12.9 19.3



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085056.D
Acq: 27 Nov 2024 13:56

Tgt Ion:117 Resp: 151222
Ion Ratio Lower Upper
117 100
82 56.5 45.5 68.3
119 32.2 25.3 37.9

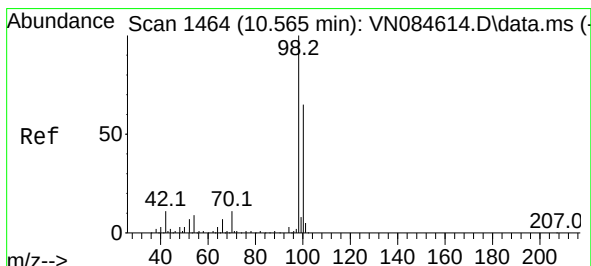
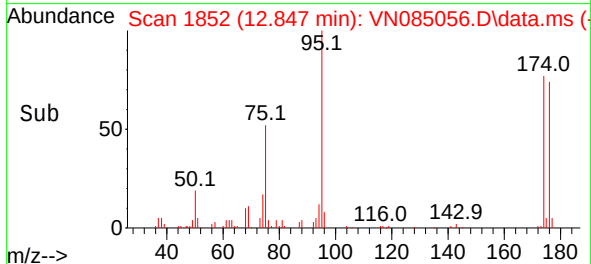
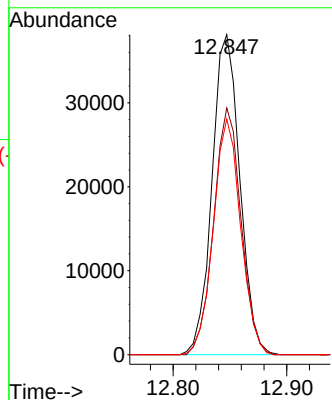
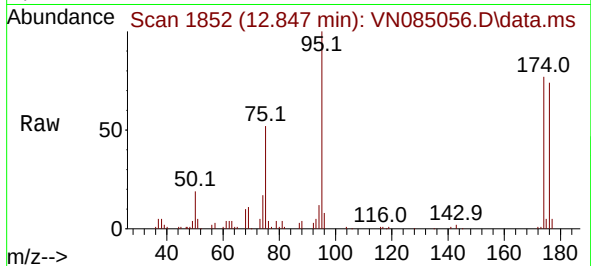




#60
4-Bromofluorobenzene
Concen: 24.887 ug/l
RT: 12.847 min Scan# 114B-1
Delta R.T. 0.000 min
Lab File: VN085056.D
Acq: 27 Nov 2024 13:56

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 64801
Ion Ratio Lower Upper
95 100
174 76.0 59.6 89.4
176 72.7 58.6 88.0



#63
Toluene-d8
Concen: 28.769 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085056.D
Acq: 27 Nov 2024 13:56

Tgt Ion: 98 Resp: 205957
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2

