

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100424\
 Data File : VN084321.D
 Acq On : 04 Oct 2024 17:56
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Oct 04 23:01:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 2024
 Response via : Initial Calibration

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

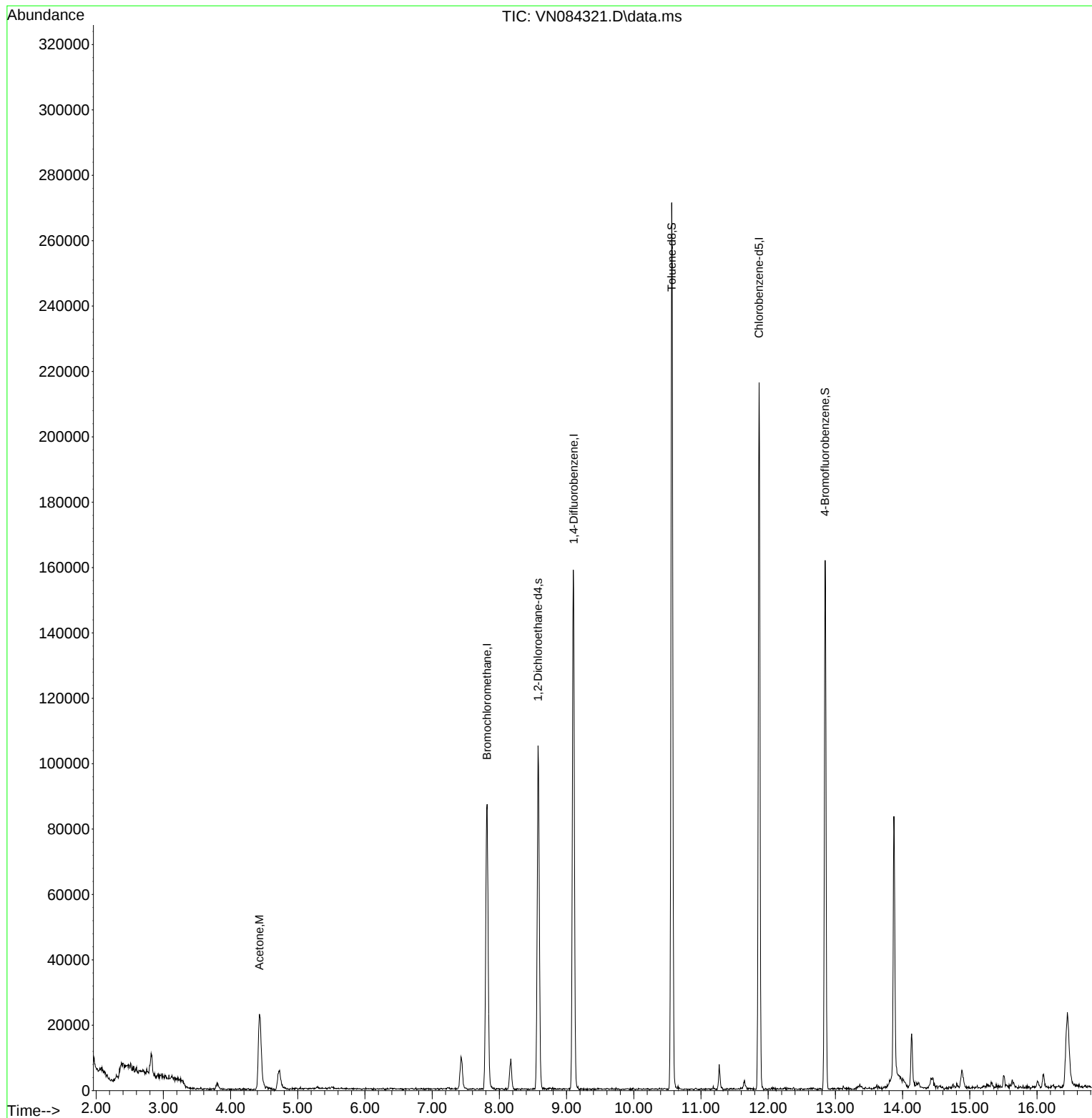
Internal Standards						
1) Bromochloromethane	7.818	128	31040	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	134319	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	122098	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	83901	29.571	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.567%
60) 4-Bromofluorobenzene	12.847	95	58200	27.657	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.200%
63) Toluene-d8	10.565	98	185263	32.769	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	109.233%
Target Compounds						
15) Acetone	4.430	58	14883	47.652	ug/l	Qvalue 95

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

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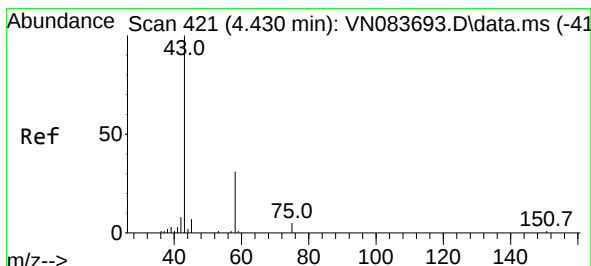
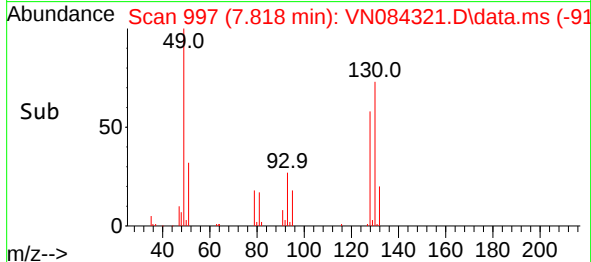
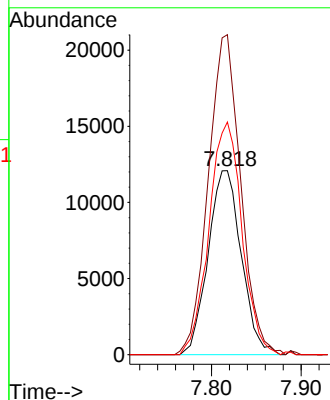
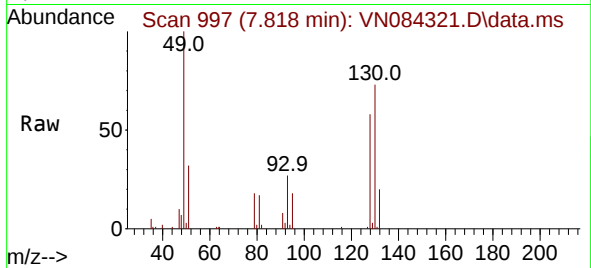




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN084321.D
Acq: 04 Oct 2024 17:56

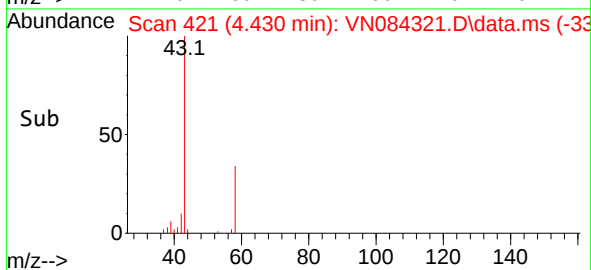
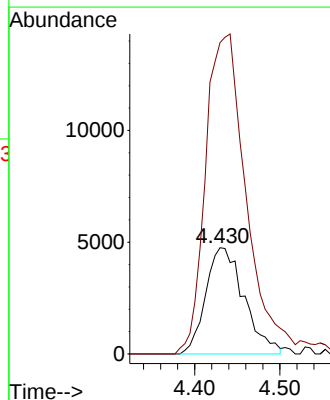
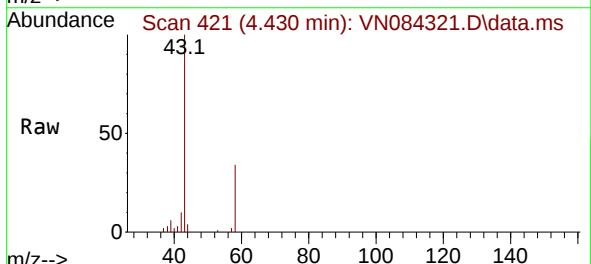
Instrument :
MSVOA_N
ClientSampleId :
IBLK

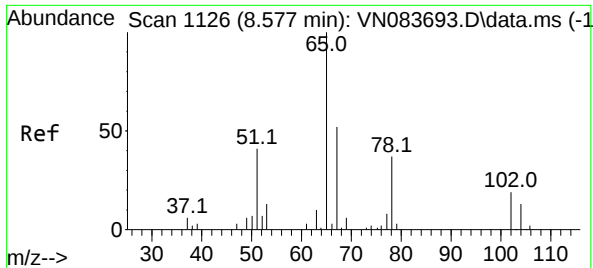
Tgt Ion:128 Resp: 31040
Ion Ratio Lower Upper
128 100
49 169.4 0.0 403.7
130 125.9 0.0 323.3



#15
Acetone
Concen: 47.652 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN084321.D
Acq: 04 Oct 2024 17:56

Tgt Ion: 58 Resp: 14883
Ion Ratio Lower Upper
58 100
43 287.6 223.1 334.7

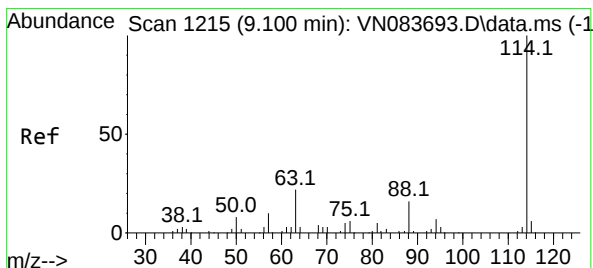
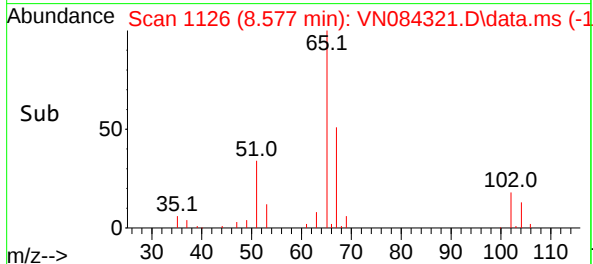
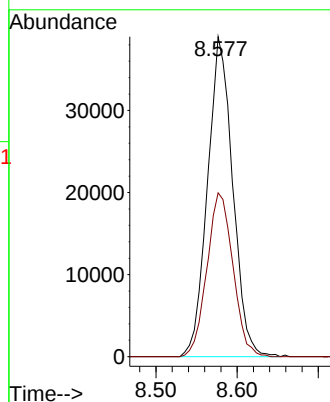
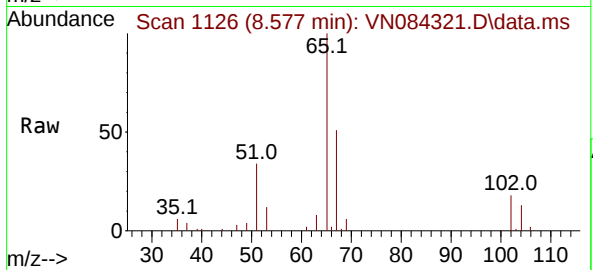




#27
 1,2-Dichloroethane-d4
 Concen: 29.571 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN084321.D
 Acq: 04 Oct 2024 17:56

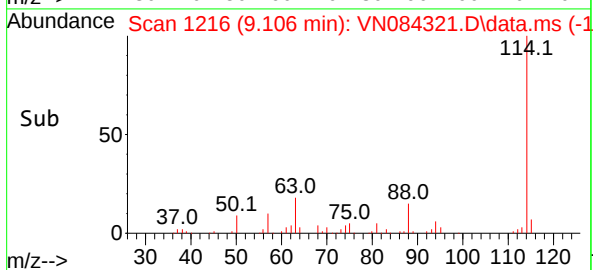
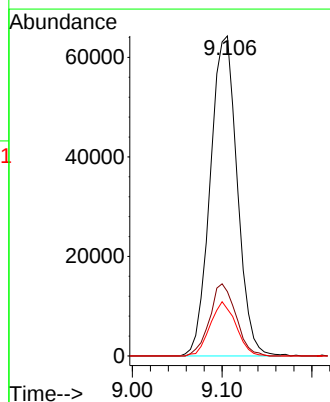
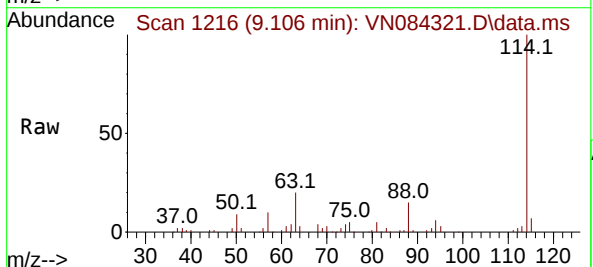
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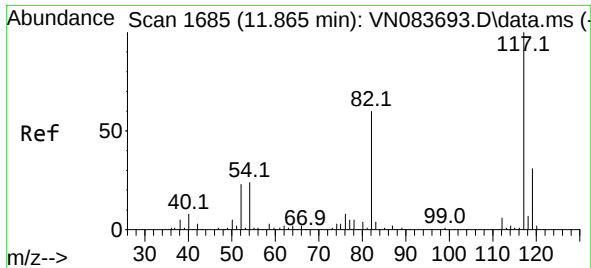
Tgt Ion: 65 Resp: 83901
 Ion Ratio Lower Upper
 65 100
 67 52.9 43.2 64.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.006 min
 Lab File: VN084321.D
 Acq: 04 Oct 2024 17:56

Tgt Ion: 114 Resp: 134319
 Ion Ratio Lower Upper
 114 100
 63 21.9 15.9 23.9
 88 16.2 12.7 19.1

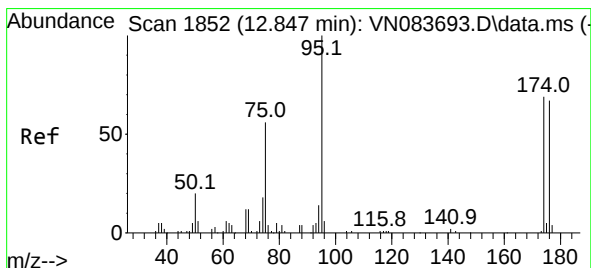
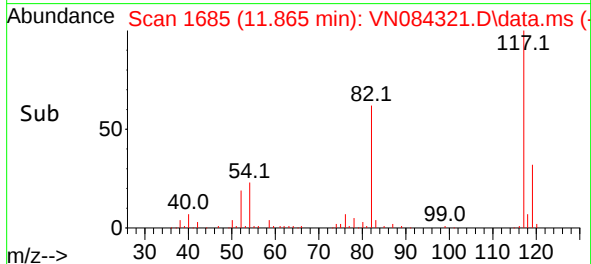
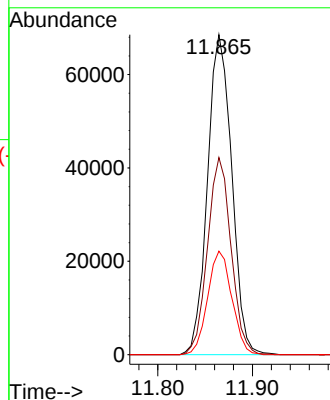
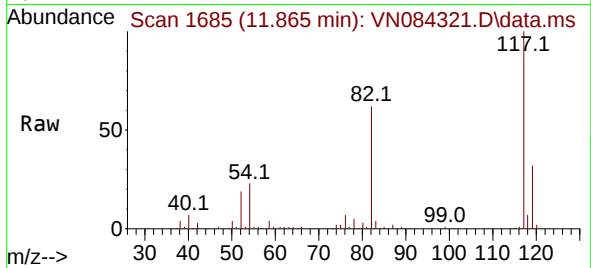




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084321.D
Acq: 04 Oct 2024 17:56

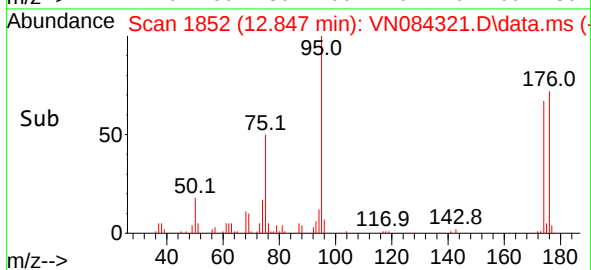
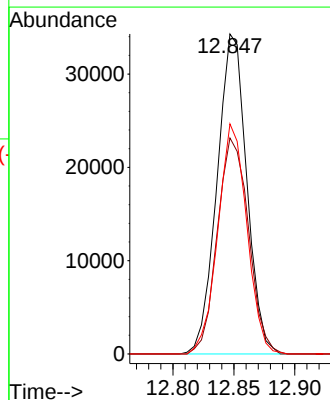
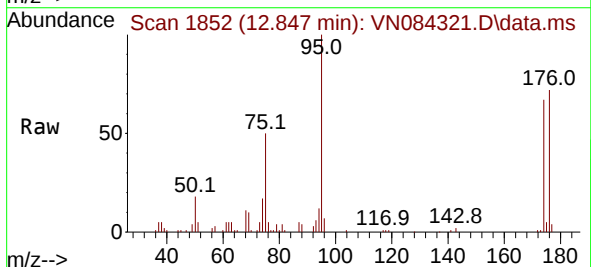
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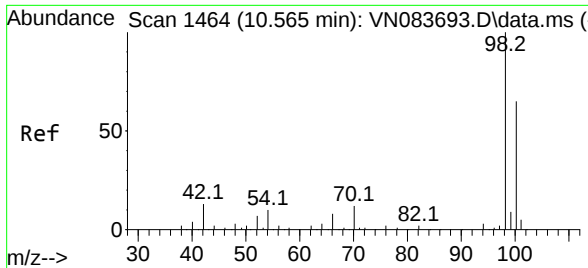
Tgt Ion:117 Resp: 122098
Ion Ratio Lower Upper
117 100
82 59.9 46.6 69.8
119 32.3 25.4 38.2



#60
4-Bromofluorobenzene
Concen: 27.657 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084321.D
Acq: 04 Oct 2024 17:56

Tgt Ion: 95 Resp: 58200
Ion Ratio Lower Upper
95 100
174 71.0 60.5 90.7
176 70.1 57.8 86.6





#63
Toluene-d8
Concen: 32.769 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN084321.D
Acq: 04 Oct 2024 17:56

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 98 Resp: 185263
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1

