

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041924\
 Data File : VN081811.D
 Acq On : 19 Apr 2024 16:04
 Operator : JC\MD
 Sample : P2216-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240418002-04-TB

Quant Time: Apr 19 23:42:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	14876	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.100	114	82426	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	105830	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	49977	27.347	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	91.167%
60) 4-Bromofluorobenzene	12.847	95	52677	25.317	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	84.400%
63) Toluene-d8	10.571	98	120593	28.408	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	94.700%

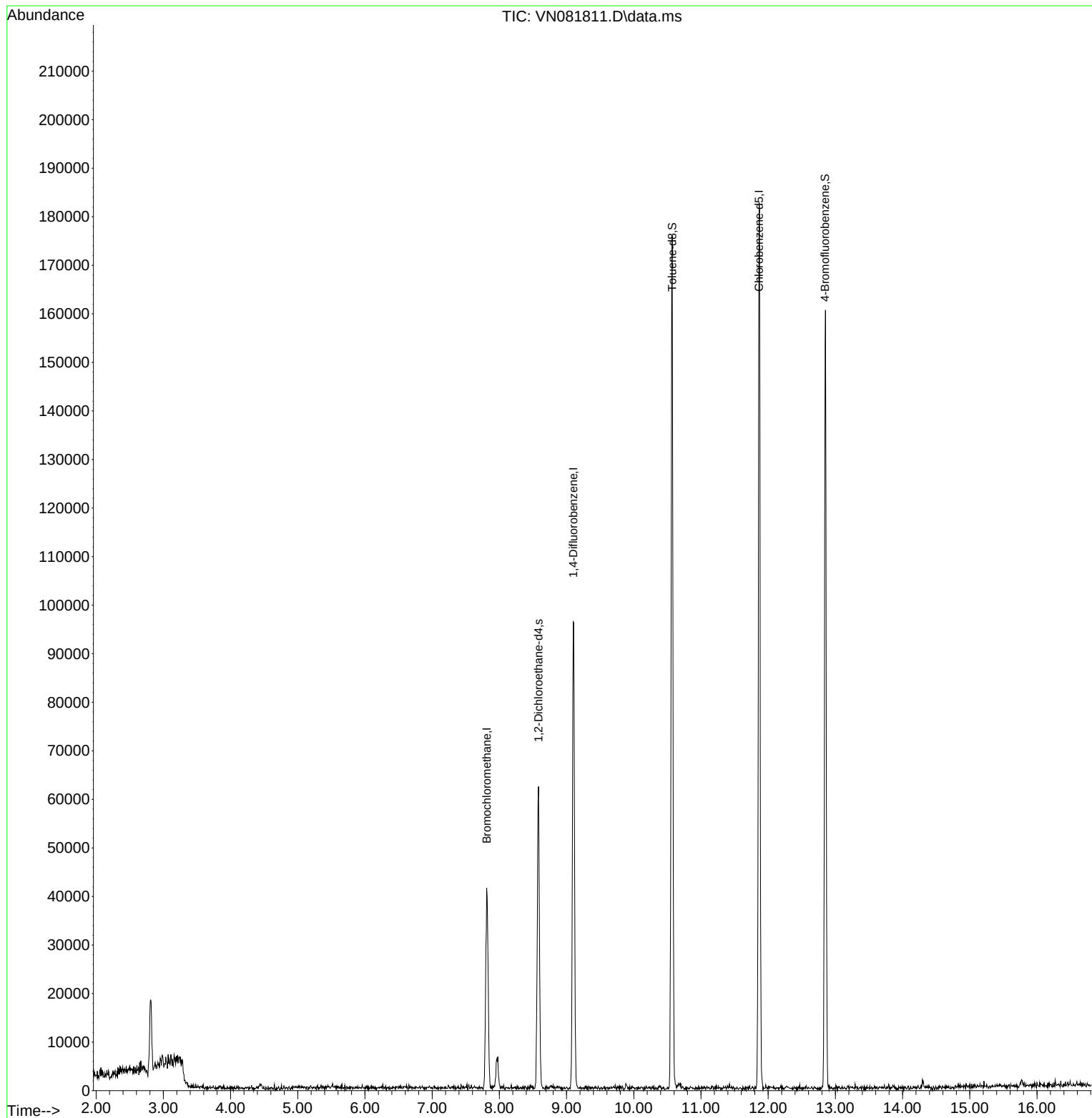
Target Compounds	Qvalue

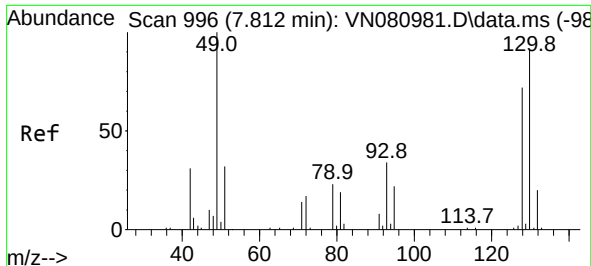
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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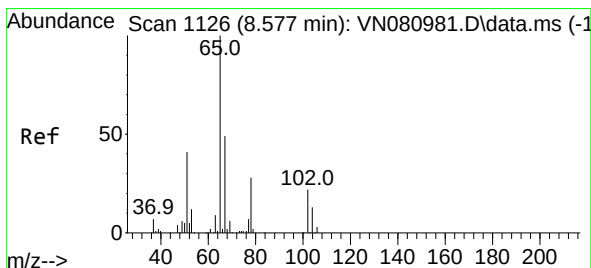
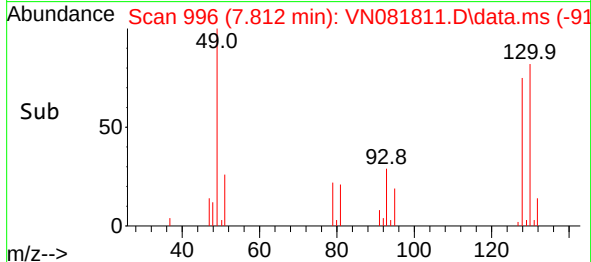
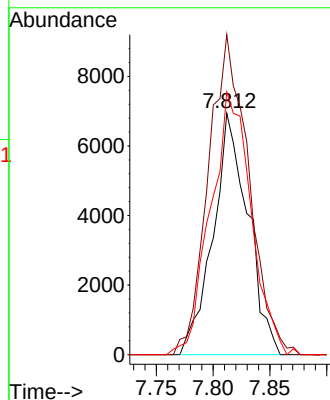
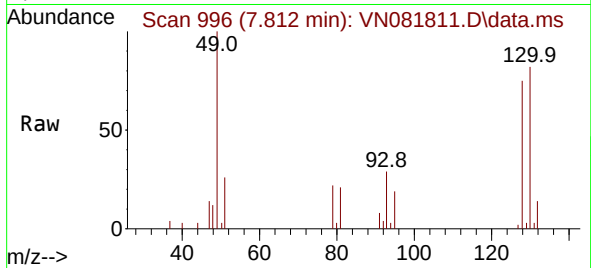




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.012 min
Lab File: VN081811.D
Acq: 19 Apr 2024 16:04

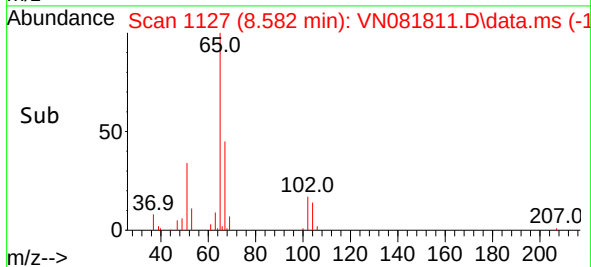
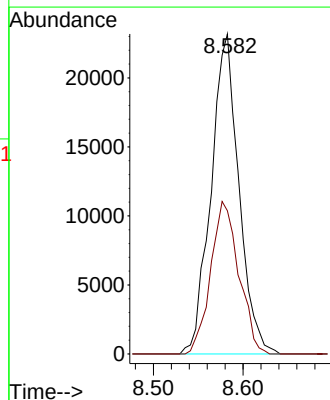
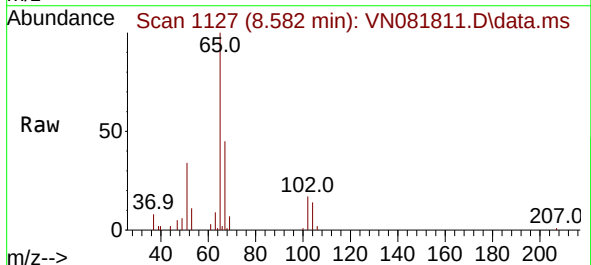
Instrument :
MSVOA_N
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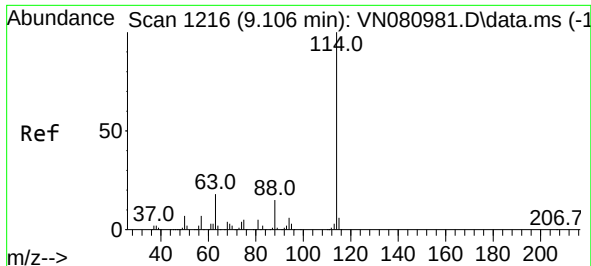
Tgt Ion:	128	Resp:	14876
Ion	Ratio	Lower	Upper
128	100		
49	152.6	0.0	403.7
130	125.6	0.0	323.3



#27
1,2-Dichloroethane-d4
Concen: 27.347 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN081811.D
Acq: 19 Apr 2024 16:04

Tgt Ion:	65	Resp:	49977
Ion	Ratio	Lower	Upper
65	100		
67	48.2	43.2	64.8

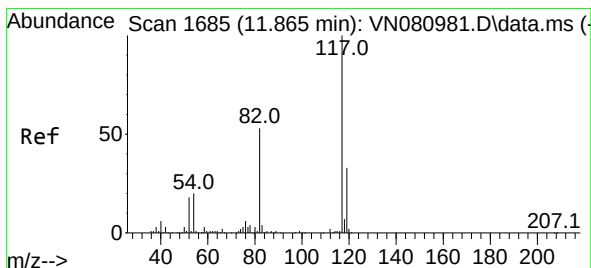
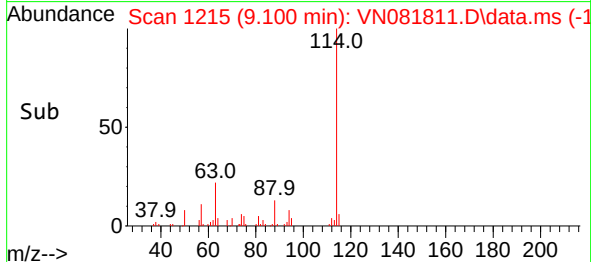
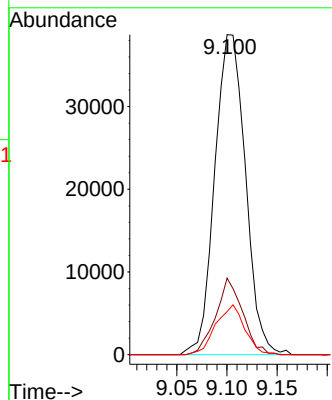
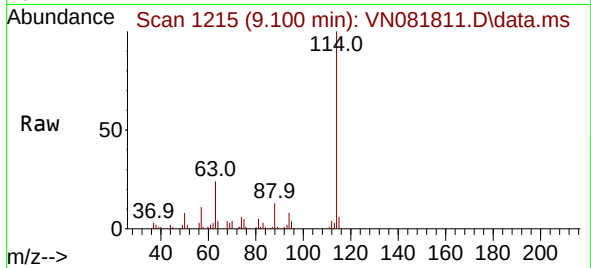




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081811.D
Acq: 19 Apr 2024 16:04

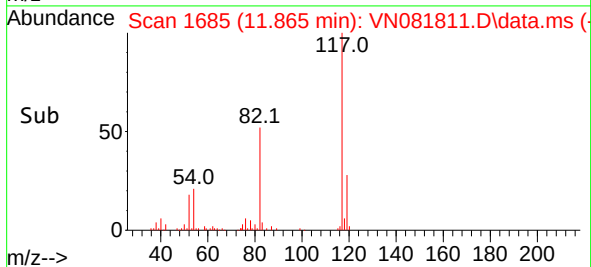
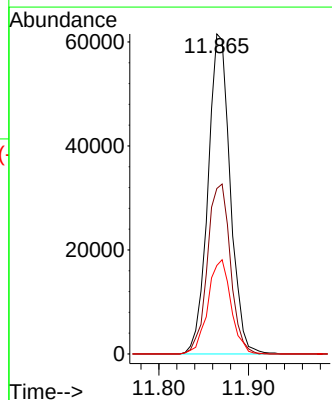
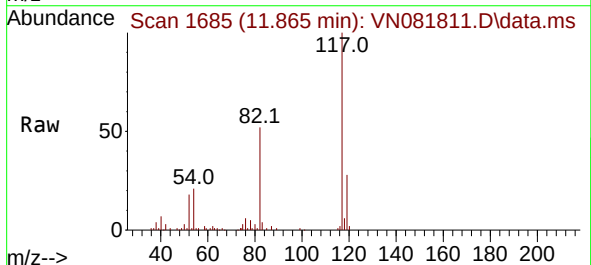
Instrument :
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240418002-04-TB

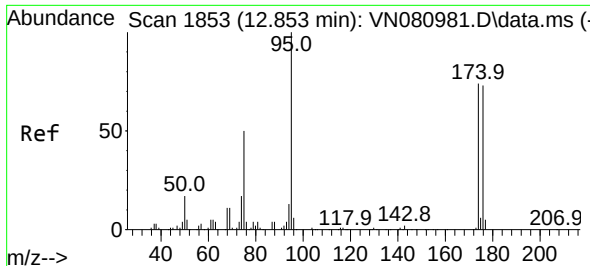
Tgt Ion:114 Resp: 82426
Ion Ratio Lower Upper
114 100
63 21.0 15.9 23.9
88 14.7 12.7 19.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081811.D
Acq: 19 Apr 2024 16:04

Tgt Ion:117 Resp: 105830
Ion Ratio Lower Upper
117 100
82 54.9 46.6 69.8
119 30.6 25.4 38.2

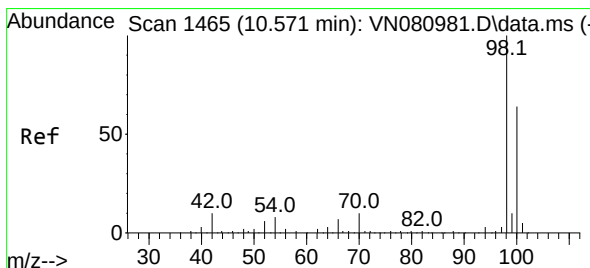
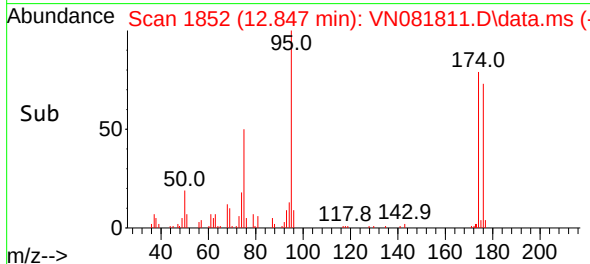
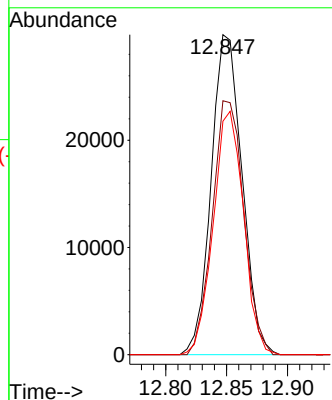
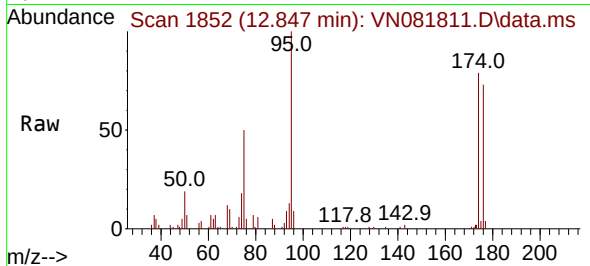




#60
4-Bromofluorobenzene
Concen: 25.317 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081811.D
Acq: 19 Apr 2024 16:04

Instrument :
MSVOA_N
ClientSampleId :
240418002-04-TB

Tgt Ion: 95 Resp: 52677
Ion Ratio Lower Upper
95 100
174 80.8 60.5 90.7
176 74.8 57.8 86.6



#63
Toluene-d8
Concen: 28.408 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081811.D
Acq: 19 Apr 2024 16:04

Tgt Ion: 98 Resp: 120593
Ion Ratio Lower Upper
98 100
100 63.7 52.7 79.1

