

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042924\
 Data File : VN081905.D
 Acq On : 29 Apr 2024 11:16
 Operator : JC\MD
 Sample : VN0429WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBL01

Quant Time: Apr 30 04:33:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	43892	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	267223	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	223964	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	109716	29.856	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.533%
60) 4-Bromofluorobenzene	12.847	95	104133	27.938	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.133%
63) Toluene-d8	10.565	98	331295	31.148	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.833%

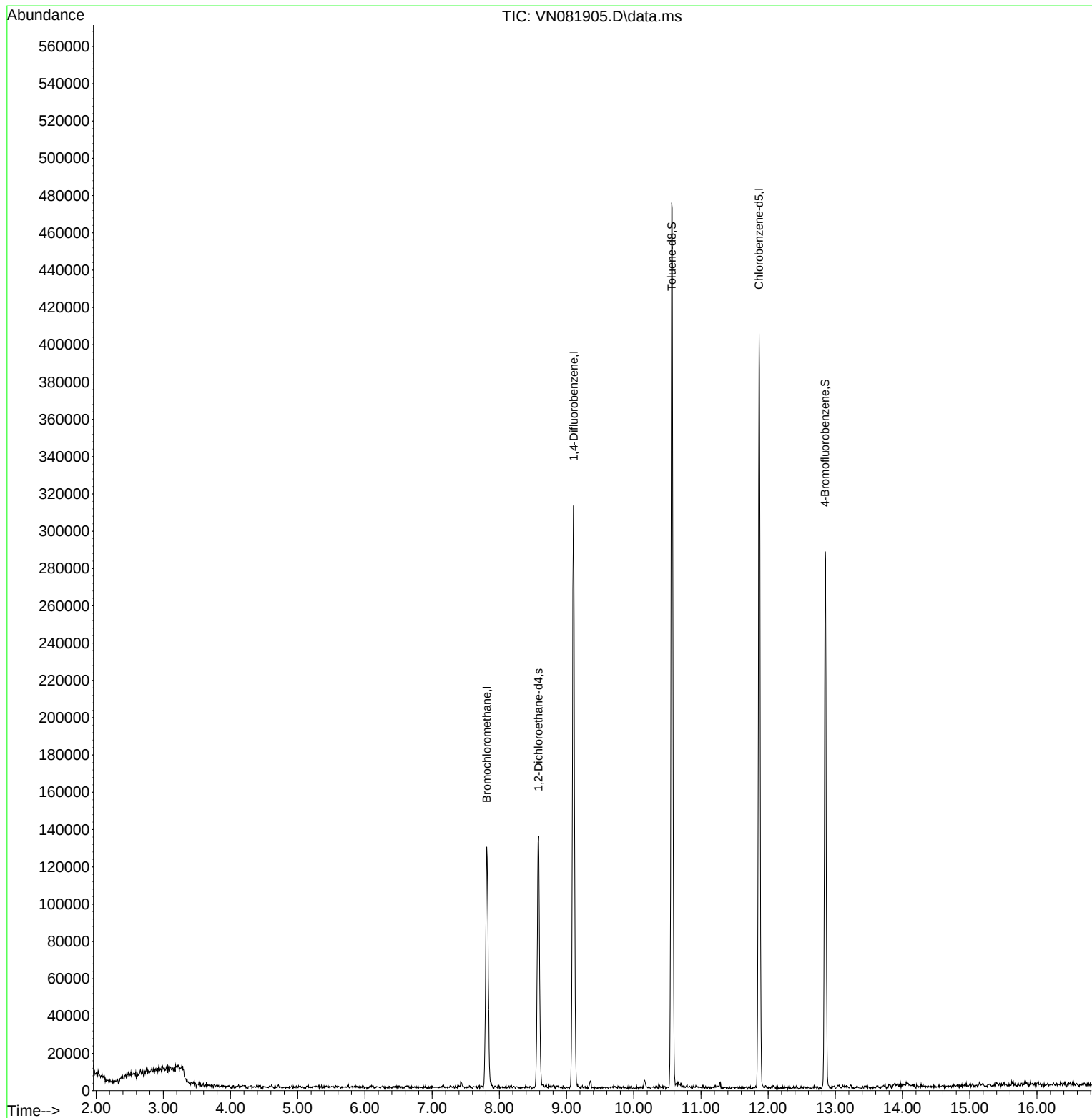
Target Compounds	Qvalue

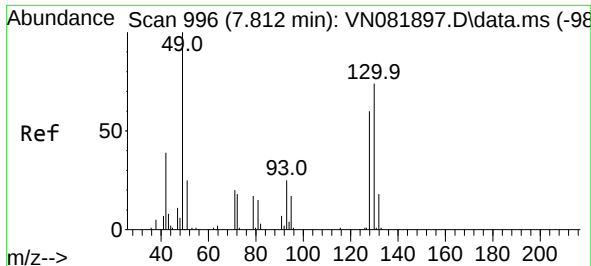
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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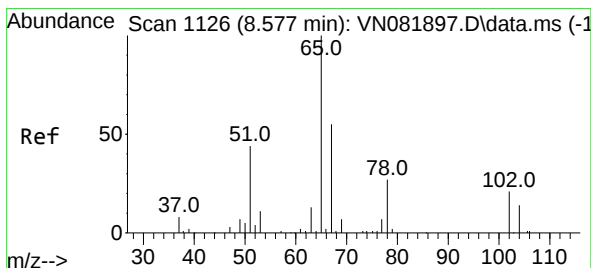
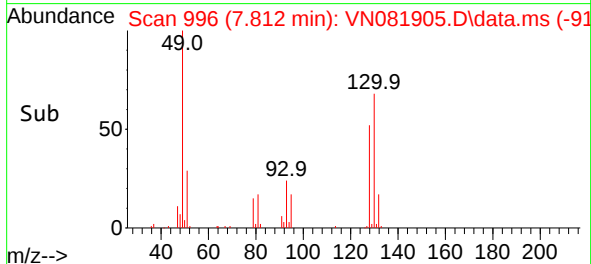
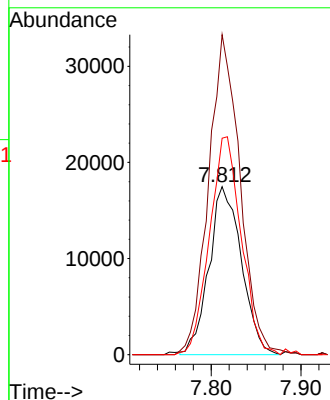
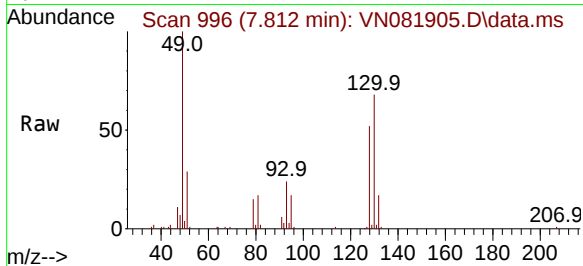




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN081905.D
Acq: 29 Apr 2024 11:16

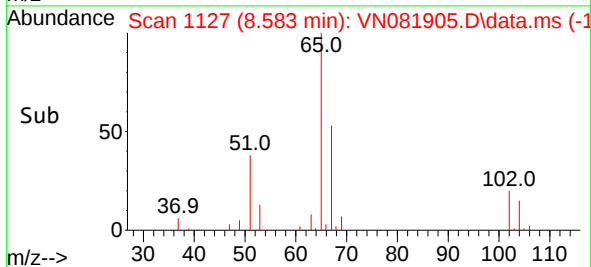
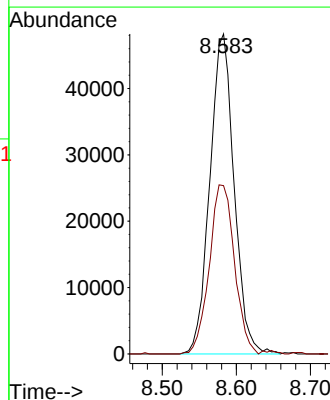
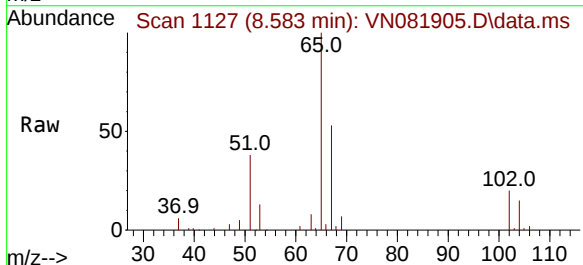
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBL01

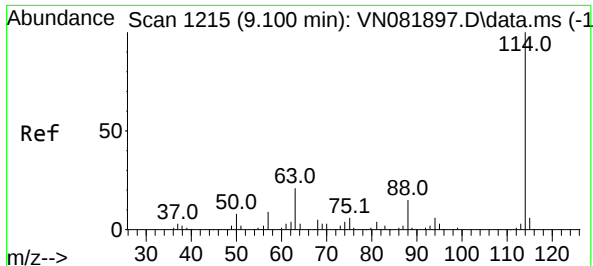
Tgt Ion:128 Resp: 43892
Ion Ratio Lower Upper
128 100
49 184.9 0.0 403.7
130 127.4 0.0 323.3



#27
1,2-Dichloroethane-d4
Concen: 29.856 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081905.D
Acq: 29 Apr 2024 11:16

Tgt Ion: 65 Resp: 109716
Ion Ratio Lower Upper
65 100
67 54.8 43.2 64.8

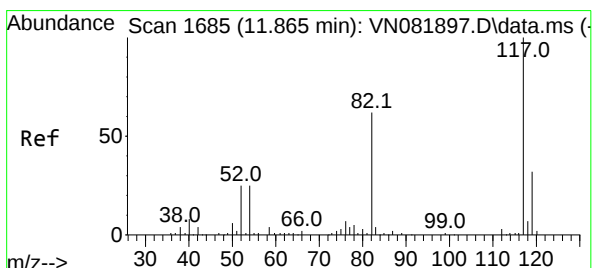
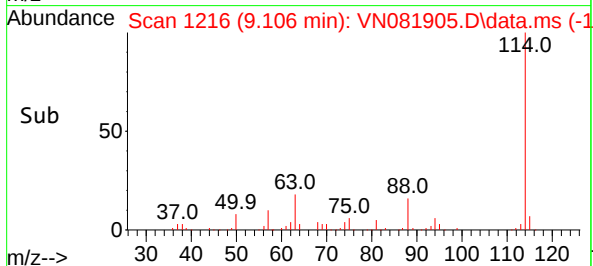
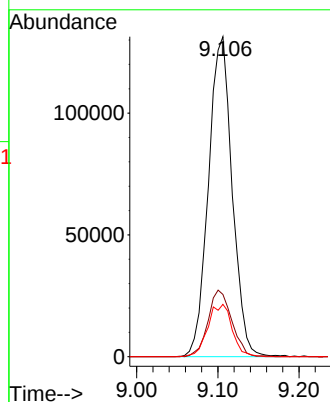
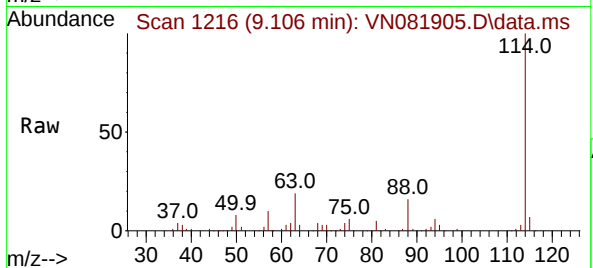




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081905.D
Acq: 29 Apr 2024 11:16

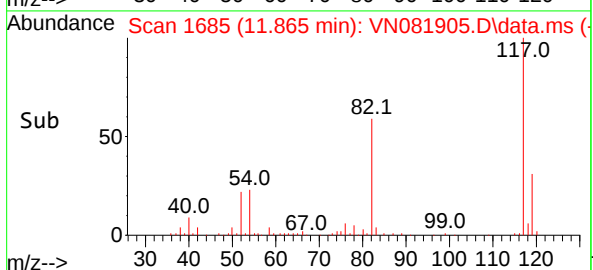
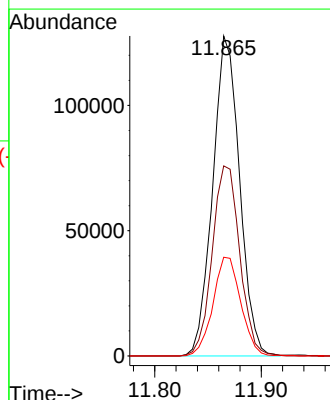
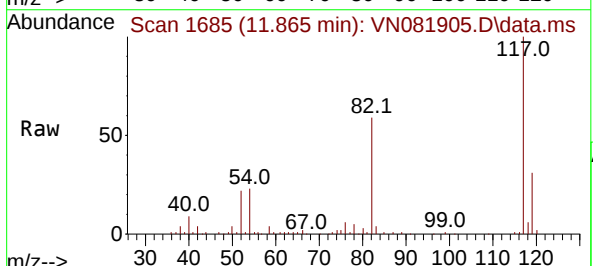
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBL01

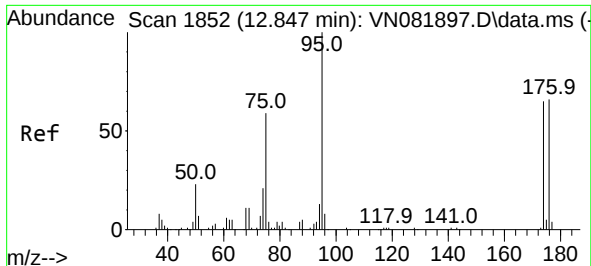
Tgt Ion:114 Resp: 267223
Ion Ratio Lower Upper
114 100
63 20.7 15.9 23.9
88 16.8 12.7 19.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081905.D
Acq: 29 Apr 2024 11:16

Tgt Ion:117 Resp: 223964
Ion Ratio Lower Upper
117 100
82 60.8 46.6 69.8
119 31.8 25.4 38.2

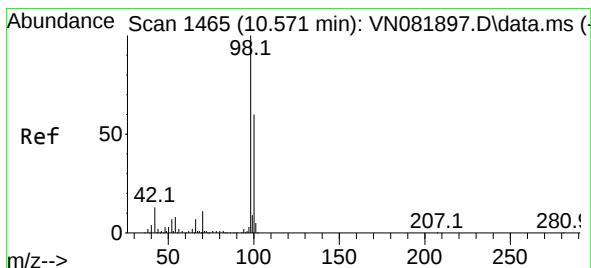
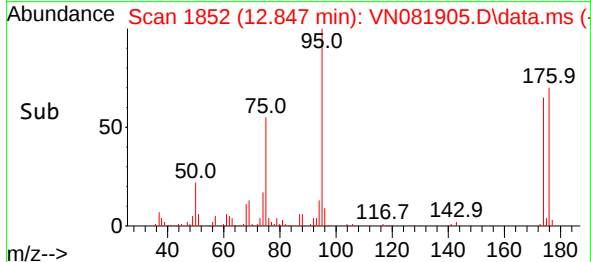
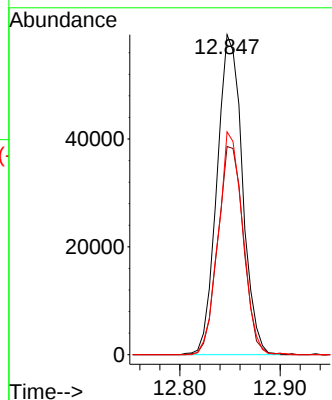
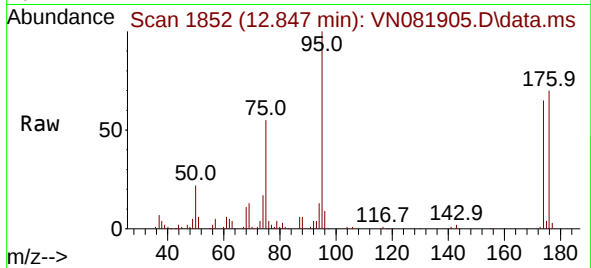




#60
4-Bromofluorobenzene
Concen: 27.938 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081905.D
Acq: 29 Apr 2024 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBL01

Tgt Ion: 95 Resp: 104133
Ion Ratio Lower Upper
95 100
174 65.4 60.5 90.7
176 67.2 57.8 86.6



#63
Toluene-d8
Concen: 31.148 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081905.D
Acq: 29 Apr 2024 11:16

Tgt Ion: 98 Resp: 331295
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1

