

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092223\
 Data File : VN079331.D
 Acq On : 22 Sep 2023 11:24
 Operator : JC\MD
 Sample : 04554-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 230920082-03-TRIP-BLANK

Quant Time: Sep 23 00:40:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 08 05:09:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	44632	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	204214	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	179353	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	100023	29.829	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.433%
60) 4-Bromofluorobenzene	12.853	95	54720	20.706	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	69.033%
63) Toluene-d8	10.571	98	255874	30.527	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.767%

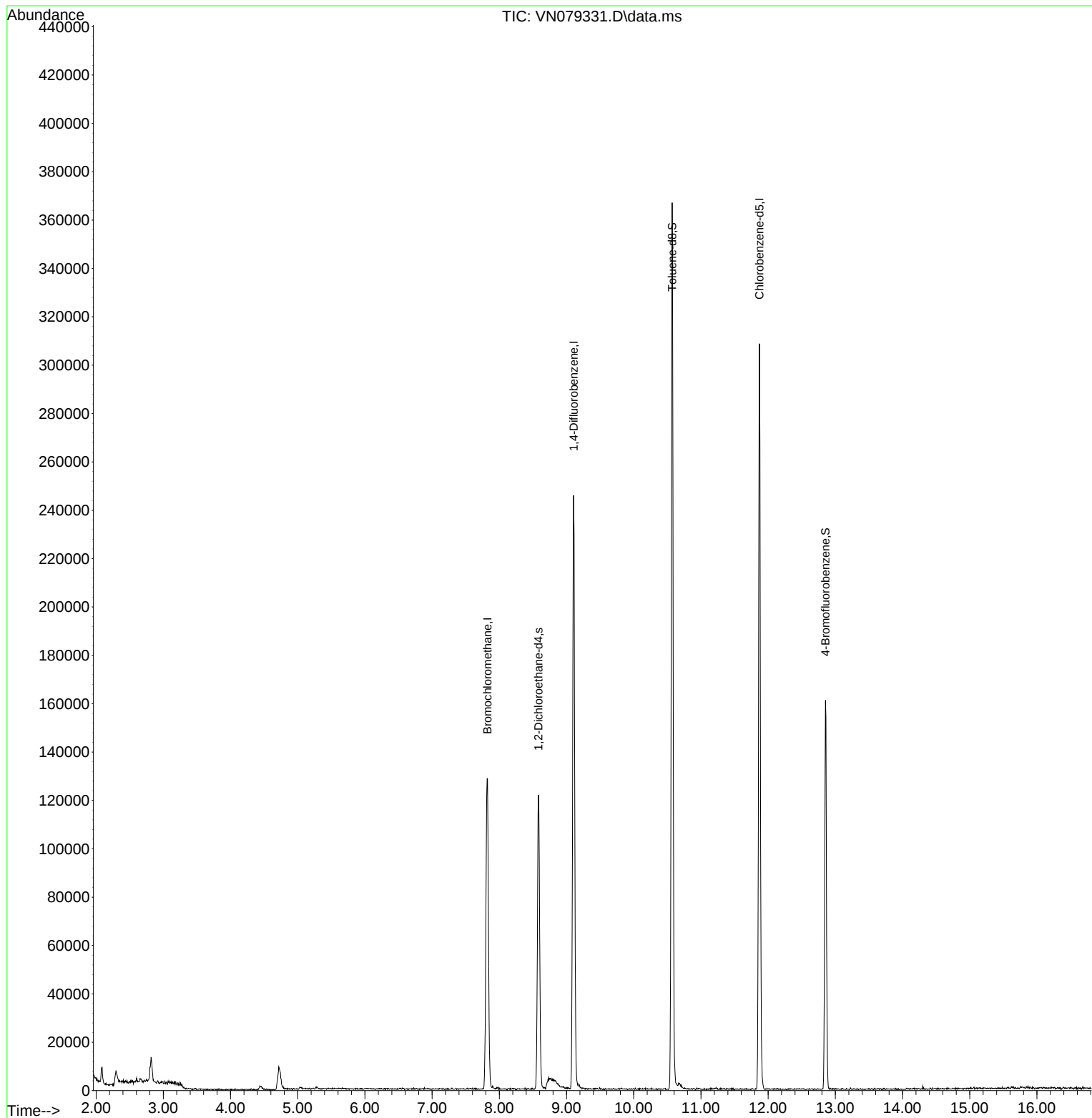
Target Compounds	Qvalue

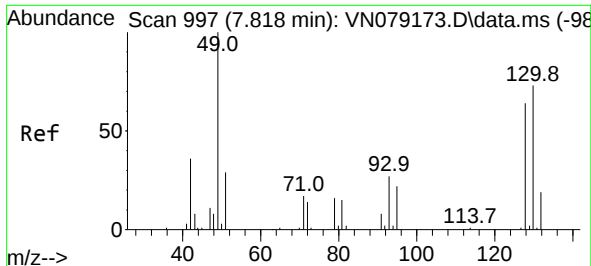
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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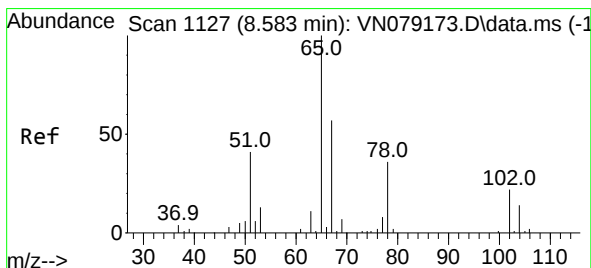
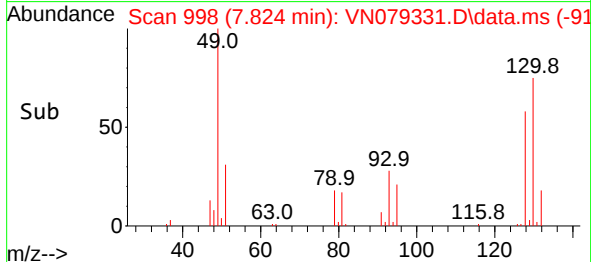
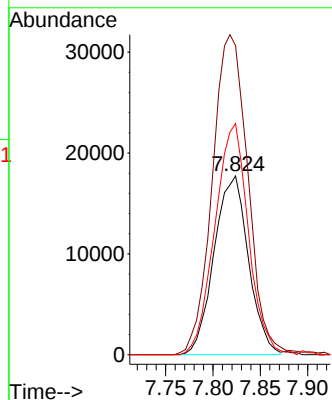
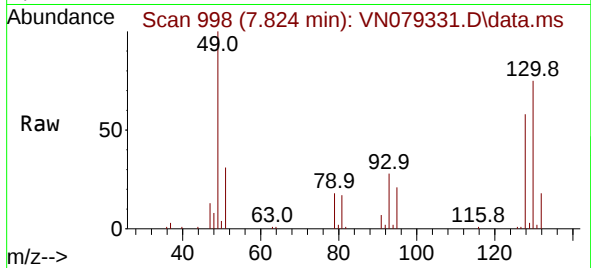




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN079331.D
Acq: 22 Sep 2023 11:24

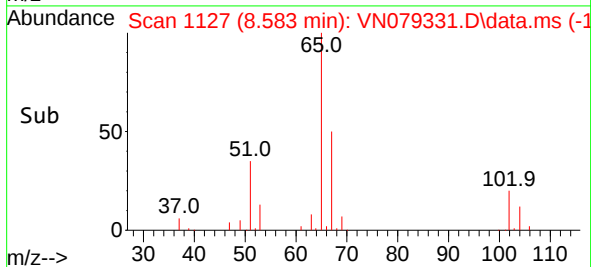
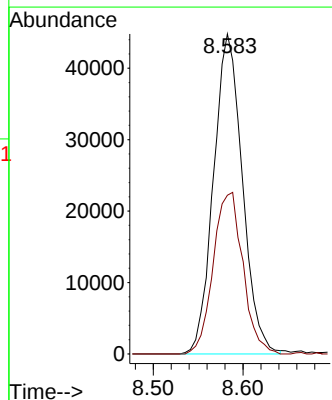
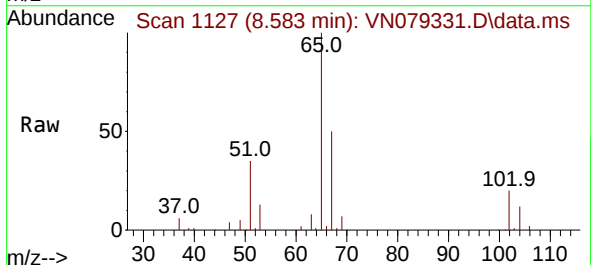
Instrument :
MSVOA_N
ClientSampleId :
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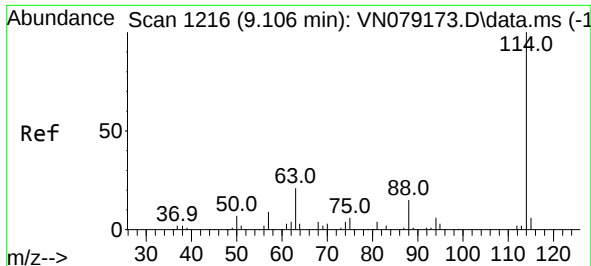
Tgt Ion:128 Resp: 44632
Ion Ratio Lower Upper
128 100
49 185.8 0.0 414.3
130 126.6 0.0 311.0



#27
1,2-Dichloroethane-d4
Concen: 29.829 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079331.D
Acq: 22 Sep 2023 11:24

Tgt Ion: 65 Resp: 100023
Ion Ratio Lower Upper
65 100
67 51.9 44.4 66.6

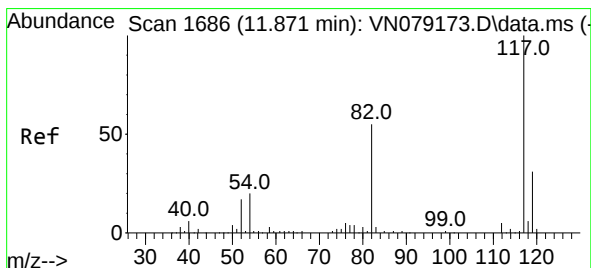
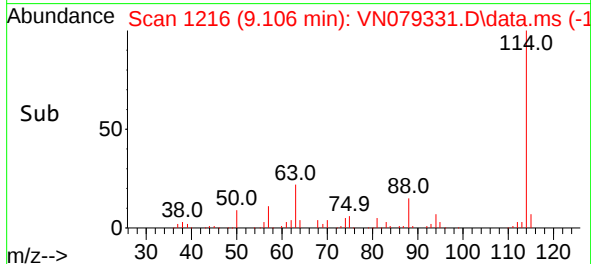
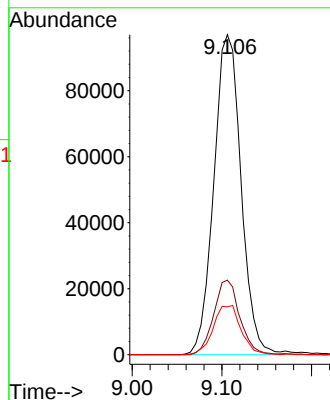
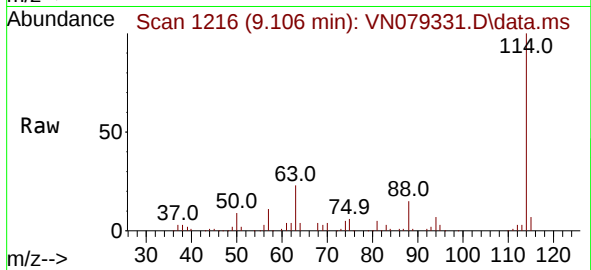




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079331.D
Acq: 22 Sep 2023 11:24

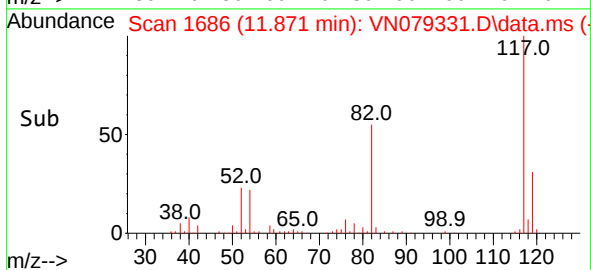
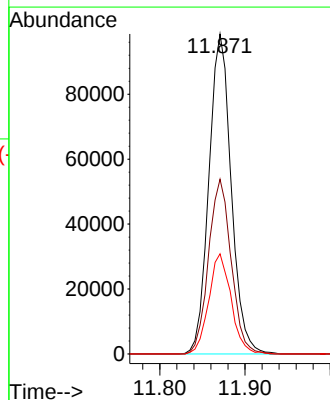
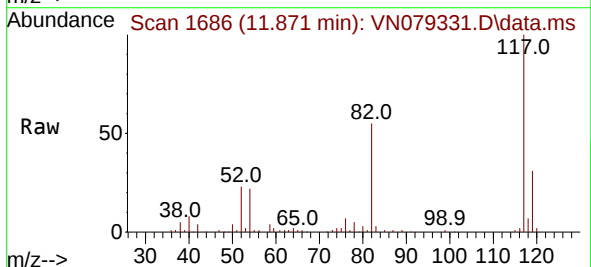
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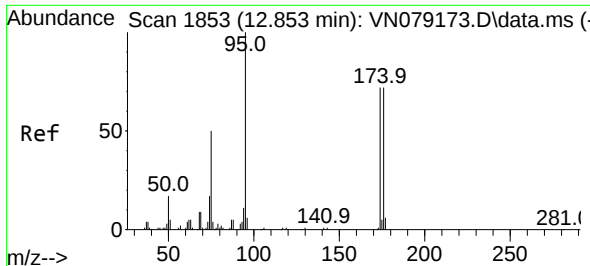
Tgt Ion:114 Resp: 204214
Ion Ratio Lower Upper
114 100
63 22.3 17.0 25.4
88 15.6 12.8 19.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079331.D
Acq: 22 Sep 2023 11:24

Tgt Ion:117 Resp: 179353
Ion Ratio Lower Upper
117 100
82 55.4 44.7 67.1
119 31.4 24.9 37.3

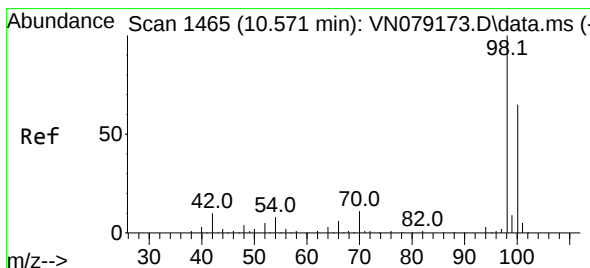
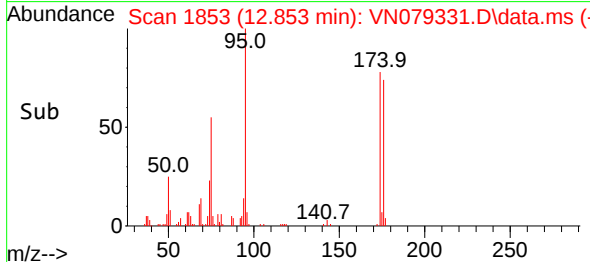
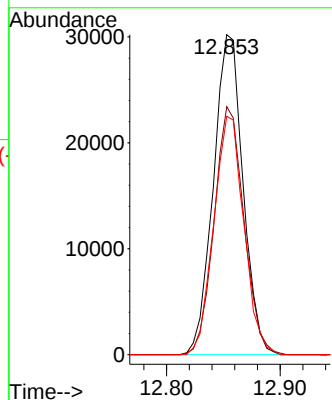
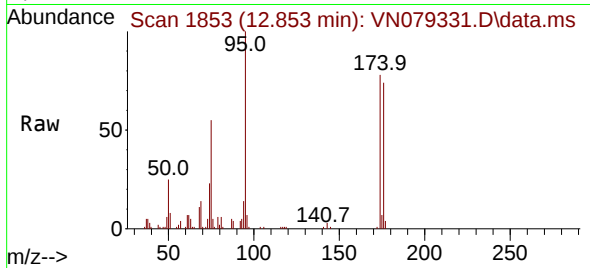




#60
4-Bromofluorobenzene
Concen: 20.706 ug/l
RT: 12.853 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079331.D
Acq: 22 Sep 2023 11:24

Instrument :
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ClientSampleId :
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Tgt Ion: 95 Resp: 54720
Ion Ratio Lower Upper
95 100
174 77.9 59.5 89.3
176 75.5 59.1 88.7



#63
Toluene-d8
Concen: 30.527 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079331.D
Acq: 22 Sep 2023 11:24

Tgt Ion: 98 Resp: 255874
Ion Ratio Lower Upper
98 100
100 63.4 52.5 78.7

