

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102023\
 Data File : VN079624.D
 Acq On : 20 Oct 2023 13:29
 Operator : JC\MD
 Sample : 04966-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 231013021-05-TRIP-BLANK

Quant Time: Oct 20 23:48:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 18 02:19:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	18636	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	115054	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	136649	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	80846	30.512	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.700%
60) 4-Bromofluorobenzene	12.853	95	49435	19.783	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	65.933%
63) Toluene-d8	10.571	98	170527	29.123	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.067%

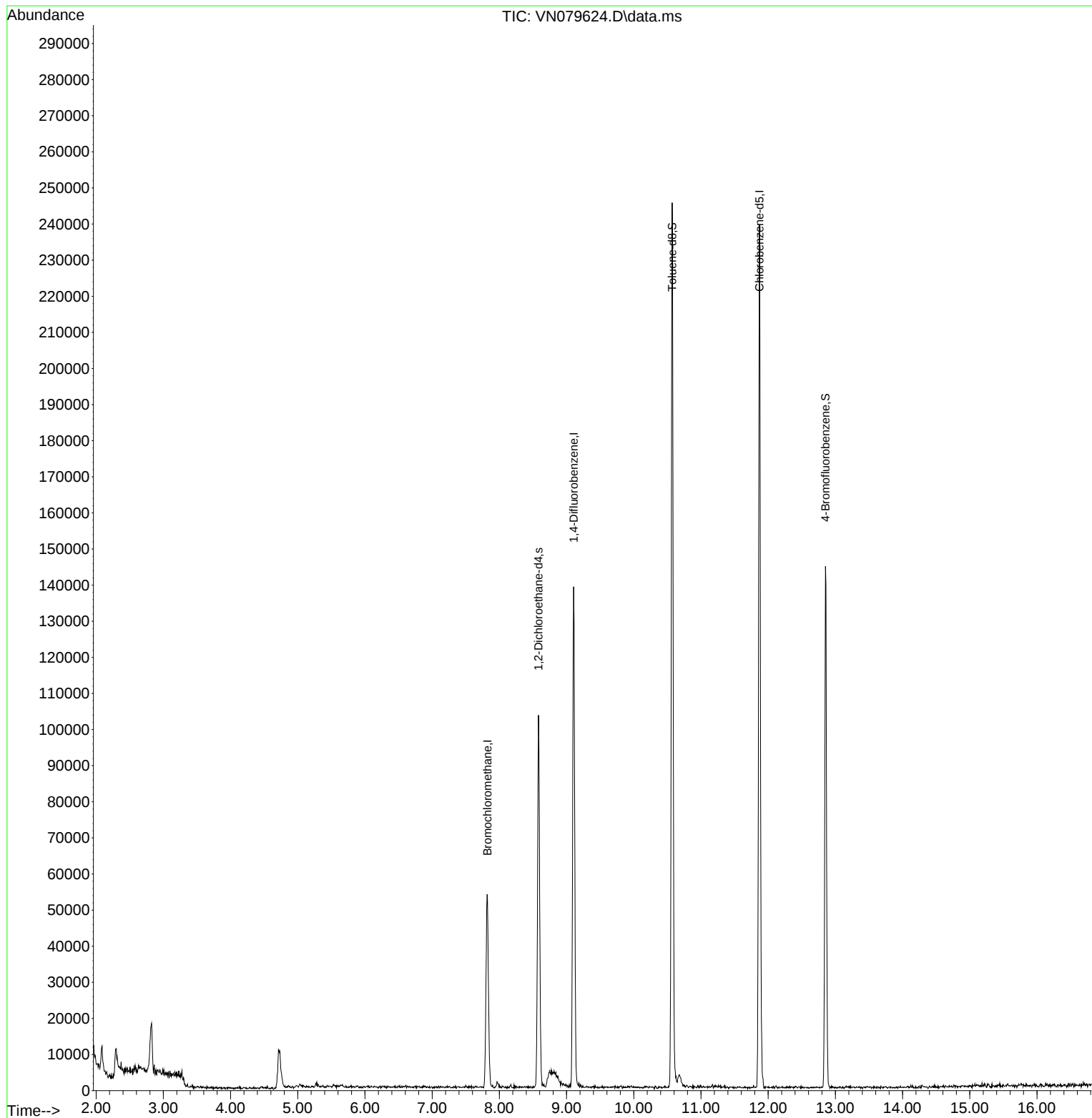
Target Compounds	Qvalue

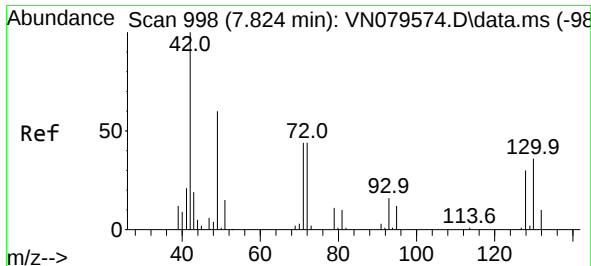
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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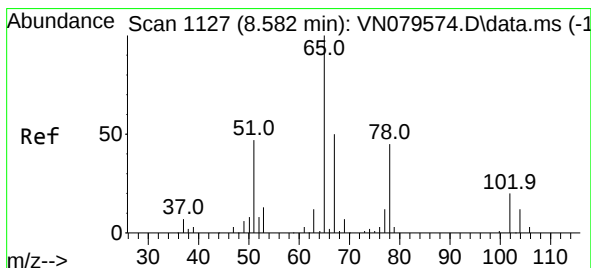
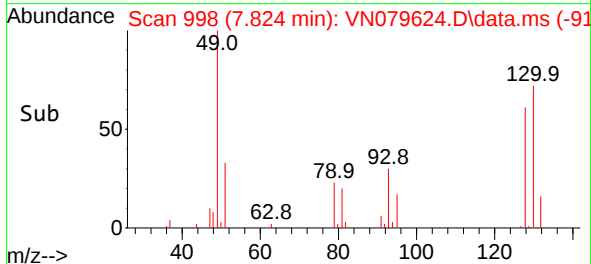
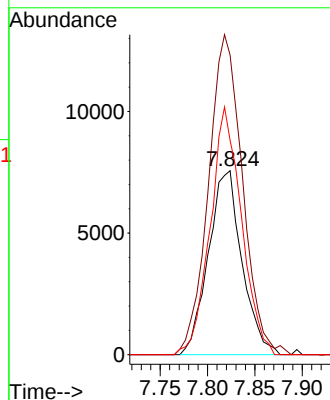
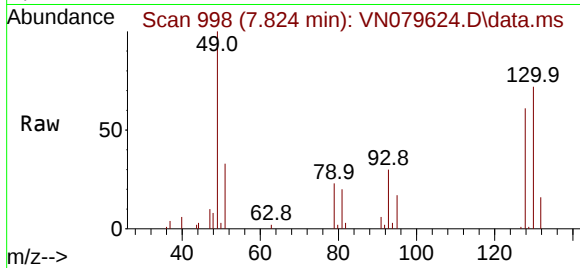




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN079624.D
Acq: 20 Oct 2023 13:29

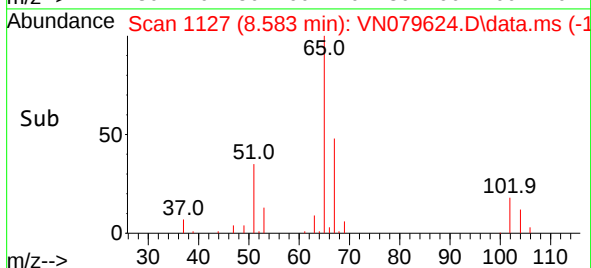
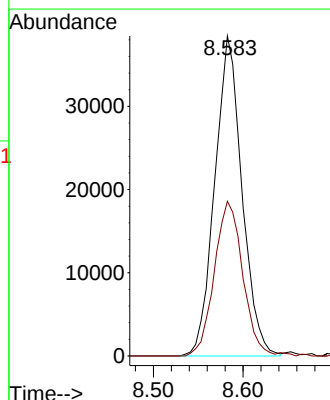
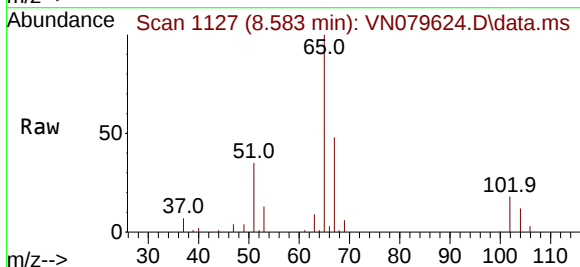
Instrument :
MSVOA_N
ClientSampleId :
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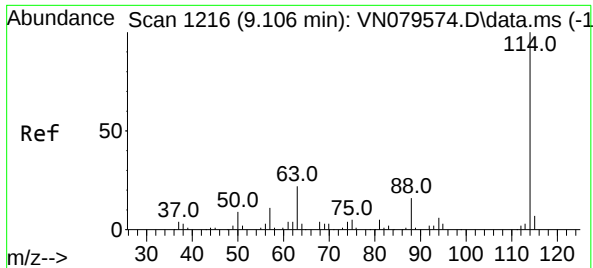
Tgt Ion:128 Resp: 18636
Ion Ratio Lower Upper
128 100
49 175.4 0.0 468.5
130 125.6 0.0 320.7



#27
1,2-Dichloroethane-d4
Concen: 30.512 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079624.D
Acq: 20 Oct 2023 13:29

Tgt Ion: 65 Resp: 80846
Ion Ratio Lower Upper
65 100
67 50.2 42.1 63.1

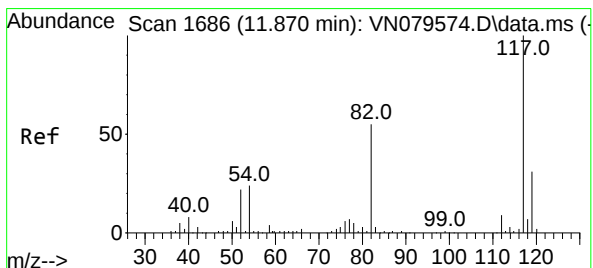
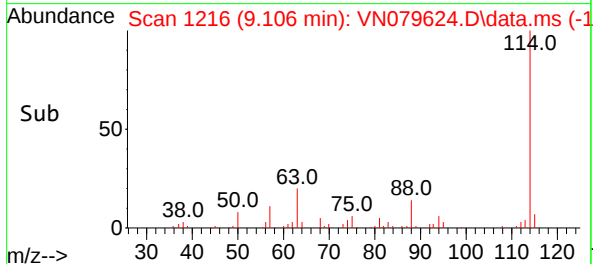
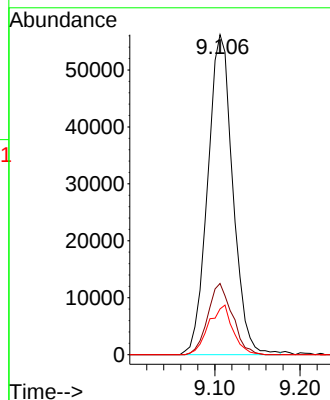
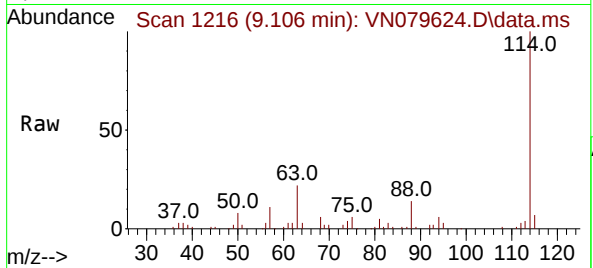




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 115054
Delta R.T. 0.000 min
Lab File: VN079624.D
Acq: 20 Oct 2023 13:29

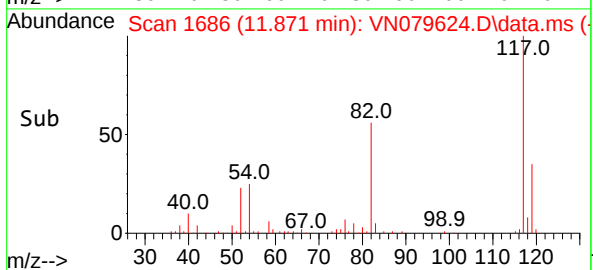
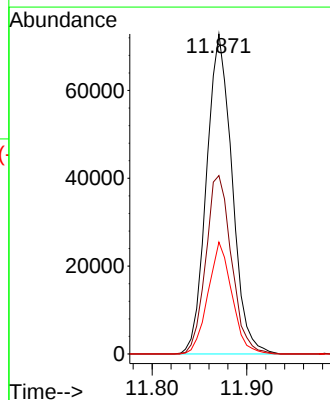
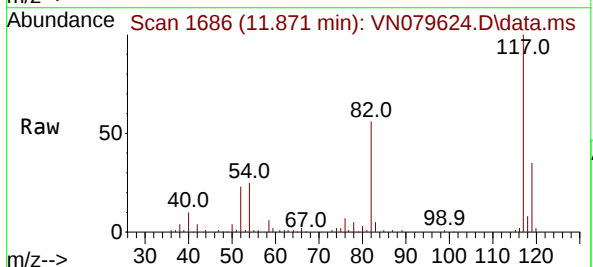
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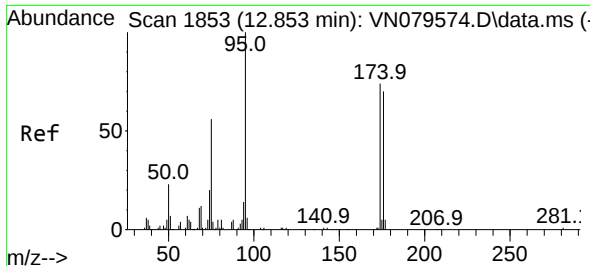
Tgt Ion:	114	Resp:	115054
Ion Ratio	Lower	Upper	
114	100		
63	21.7	18.1	27.1
88	15.0	12.2	18.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079624.D
Acq: 20 Oct 2023 13:29

Tgt Ion:	117	Resp:	136649
Ion Ratio	Lower	Upper	
117	100		
82	56.2	46.2	69.2
119	32.8	25.2	37.8

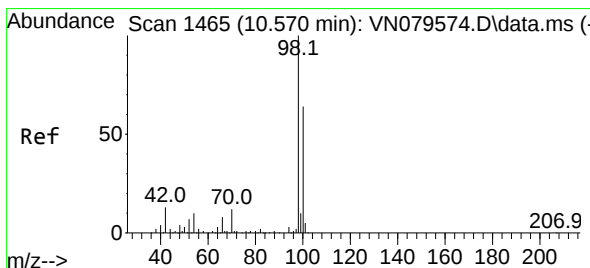
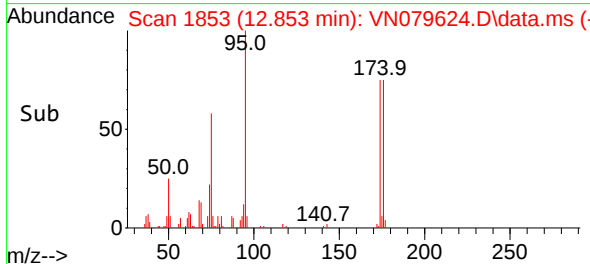
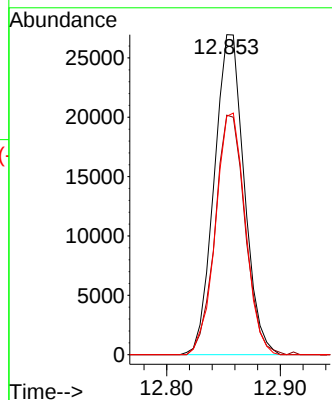
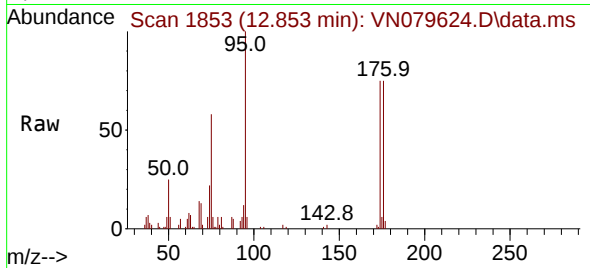




#60
4-Bromofluorobenzene
Concen: 19.783 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079624.D
Acq: 20 Oct 2023 13:29

Instrument :
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Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.1	60.5	90.7
176	74.6	57.2	85.8



#63
Toluene-d8
Concen: 29.123 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079624.D
Acq: 20 Oct 2023 13:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.9	51.6	77.4

