

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040723\
 Data File : VN077278.D
 Acq On : 07 Apr 2023 14:45
 Operator : JC\MD
 Sample : VN0407WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0407WBL01

Quant Time: Apr 08 05:20:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 07 13:04:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.819	128	48893	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	361569	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	358185	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	123951	29.892	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.633%
60) 4-Bromofluorobenzene	12.854	95	157183	25.379	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	84.600%
63) Toluene-d8	10.566	98	392694	31.186	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.967%

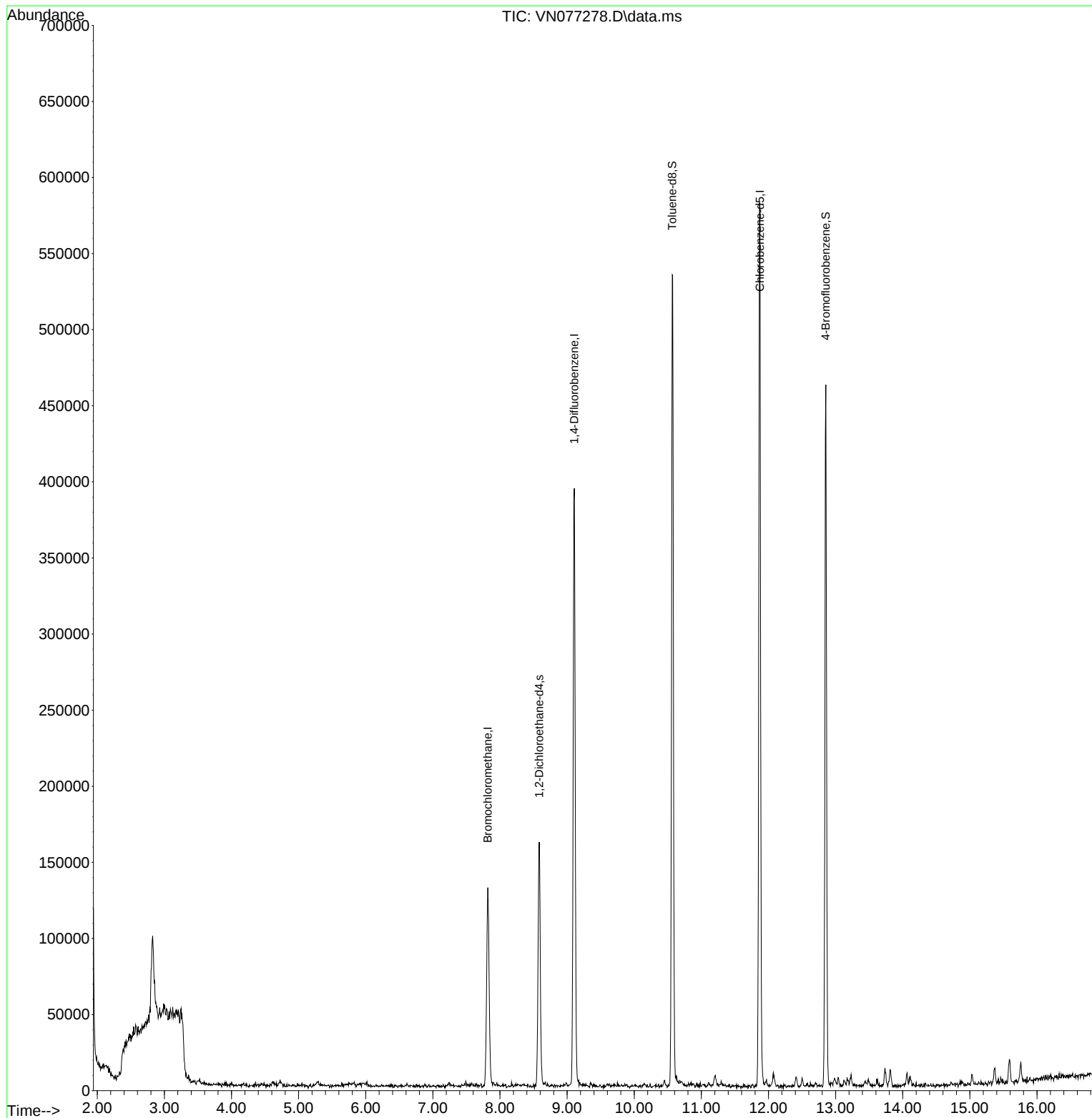
Target Compounds	Qvalue

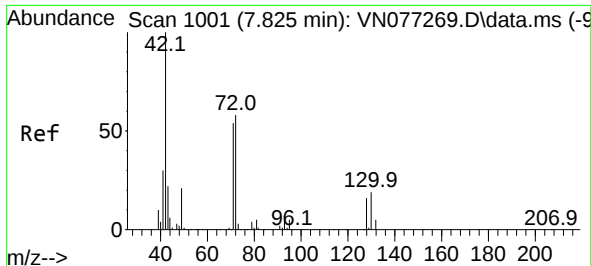
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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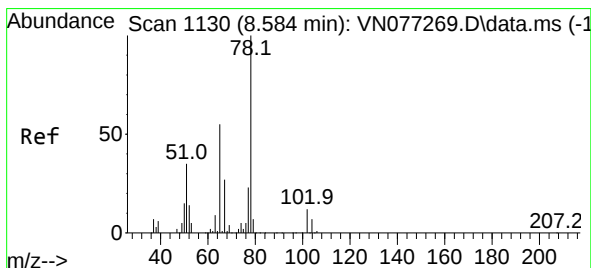
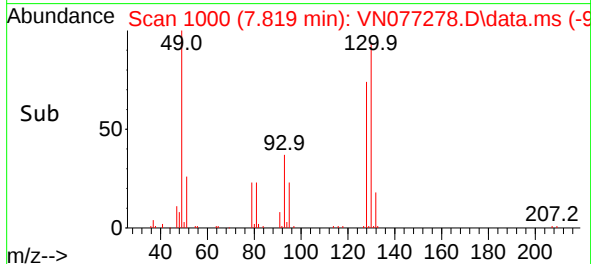
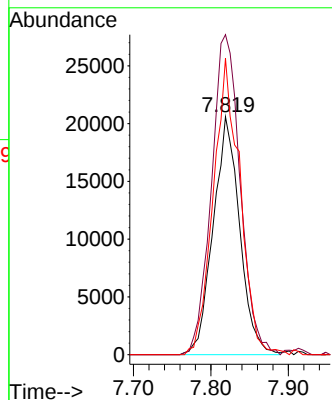
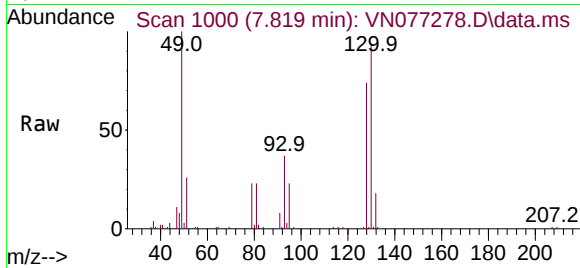




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VN077278.D
Acq: 07 Apr 2023 14:45

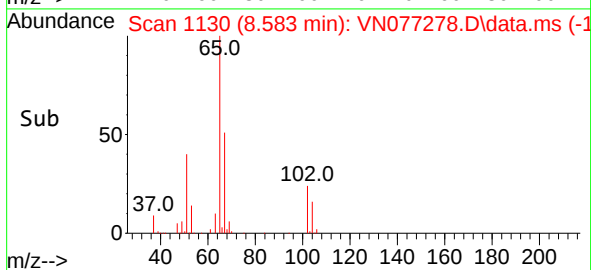
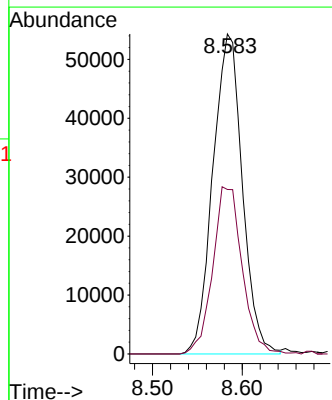
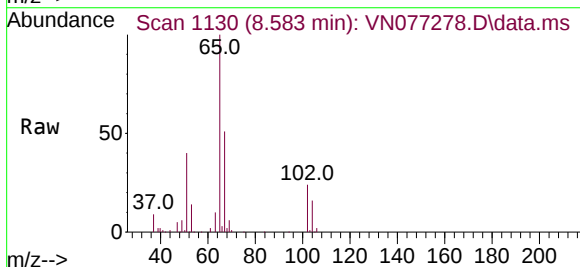
Instrument :
MSVOA_N
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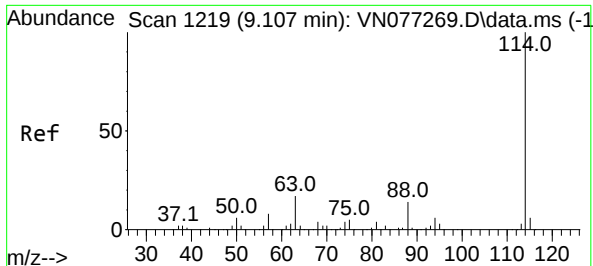
Tgt Ion:128 Resp: 48893
Ion Ratio Lower Upper
128 100
49 146.3 0.0 379.5
130 124.8 0.0 322.8



#27
1,2-Dichloroethane-d4
Concen: 29.892 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077278.D
Acq: 07 Apr 2023 14:45

Tgt Ion: 65 Resp: 123951
Ion Ratio Lower Upper
65 100
67 51.9 41.8 62.6

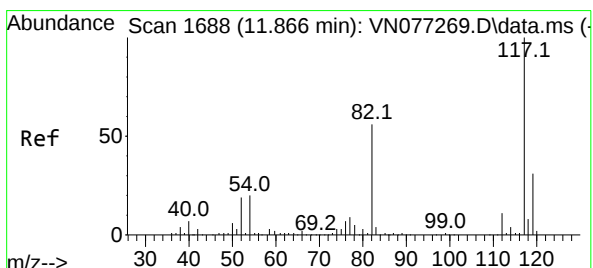
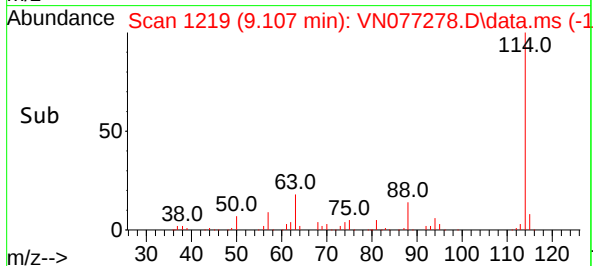
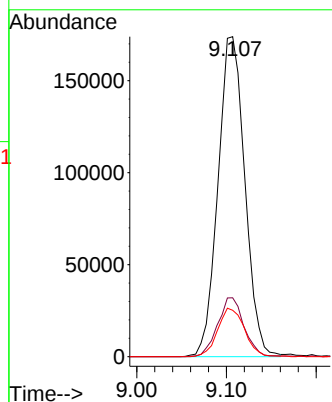
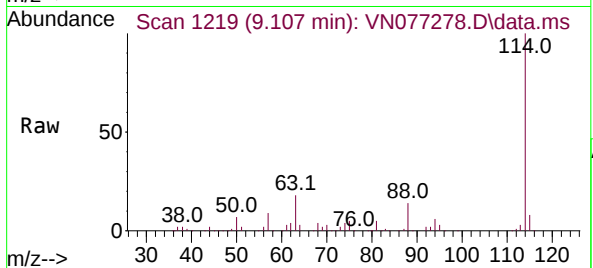




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077278.D
Acq: 07 Apr 2023 14:45

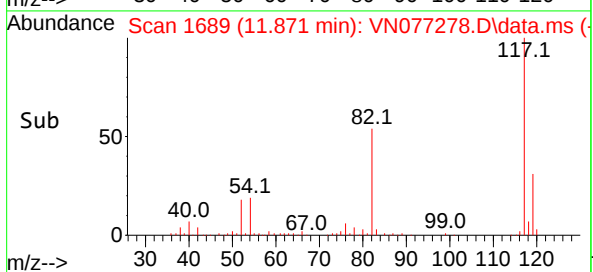
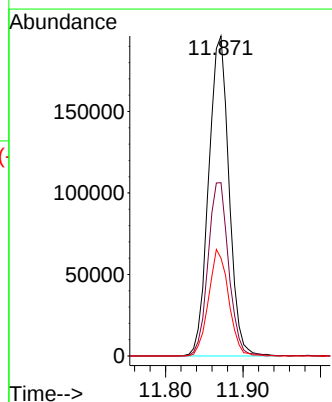
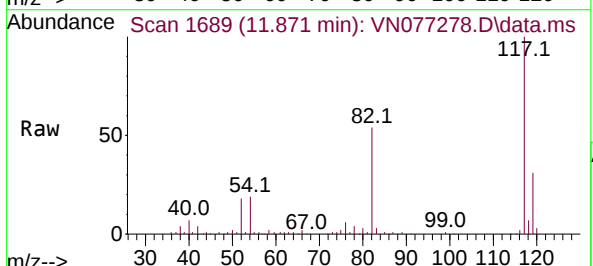
Instrument :
MSVOA_N
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VN0407WBL01

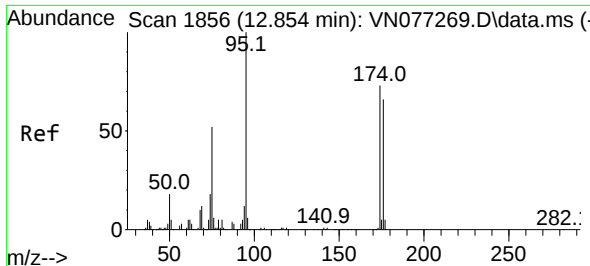
Tgt Ion:114 Resp: 361569
Ion Ratio Lower Upper
114 100
63 18.0 15.0 22.4
88 15.1 11.9 17.9



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN077278.D
Acq: 07 Apr 2023 14:45

Tgt Ion:117 Resp: 358185
Ion Ratio Lower Upper
117 100
82 54.9 43.8 65.8
119 32.8 25.4 38.0

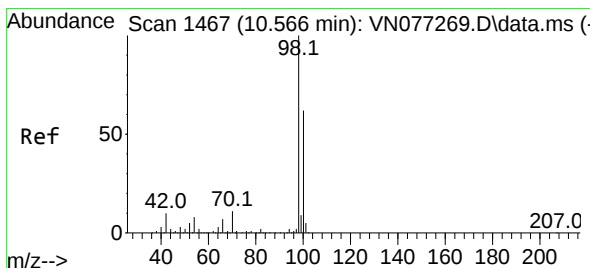
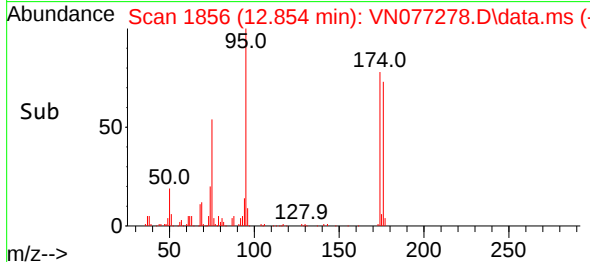
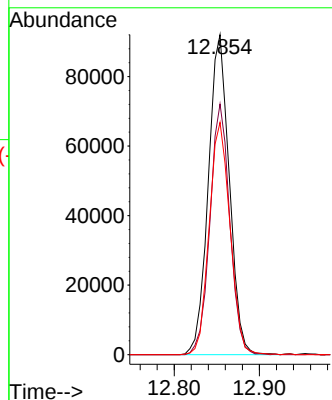
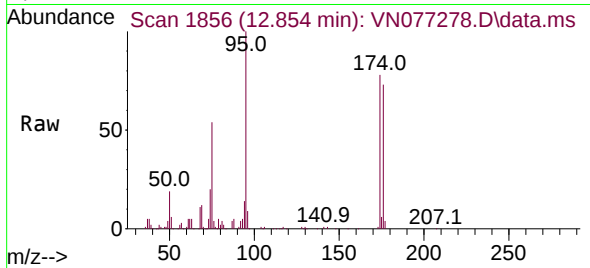




#60
4-Bromofluorobenzene
Concen: 25.379 ug/l
RT: 12.854 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077278.D
Acq: 07 Apr 2023 14:45

Instrument :
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Tgt Ion: 95 Resp: 157183
Ion Ratio Lower Upper
95 100
174 73.8 57.8 86.8
176 72.2 54.6 81.8



#63
Toluene-d8
Concen: 31.186 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VN077278.D
Acq: 07 Apr 2023 14:45

Tgt Ion: 98 Resp: 392694
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.2

