

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041423\
 Data File : VN077344.D
 Acq On : 14 Apr 2023 11:14
 Operator : JC\MD
 Sample : VN0414WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBL01

Quant Time: Apr 17 05:07:49 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	7.825	128	48685	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	345136	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	355094	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	116081	28.114	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	93.700%
60) 4-Bromofluorobenzene	12.854	95	164100	26.726	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	89.100%
63) Toluene-d8	10.566	98	376177	30.135	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.433%

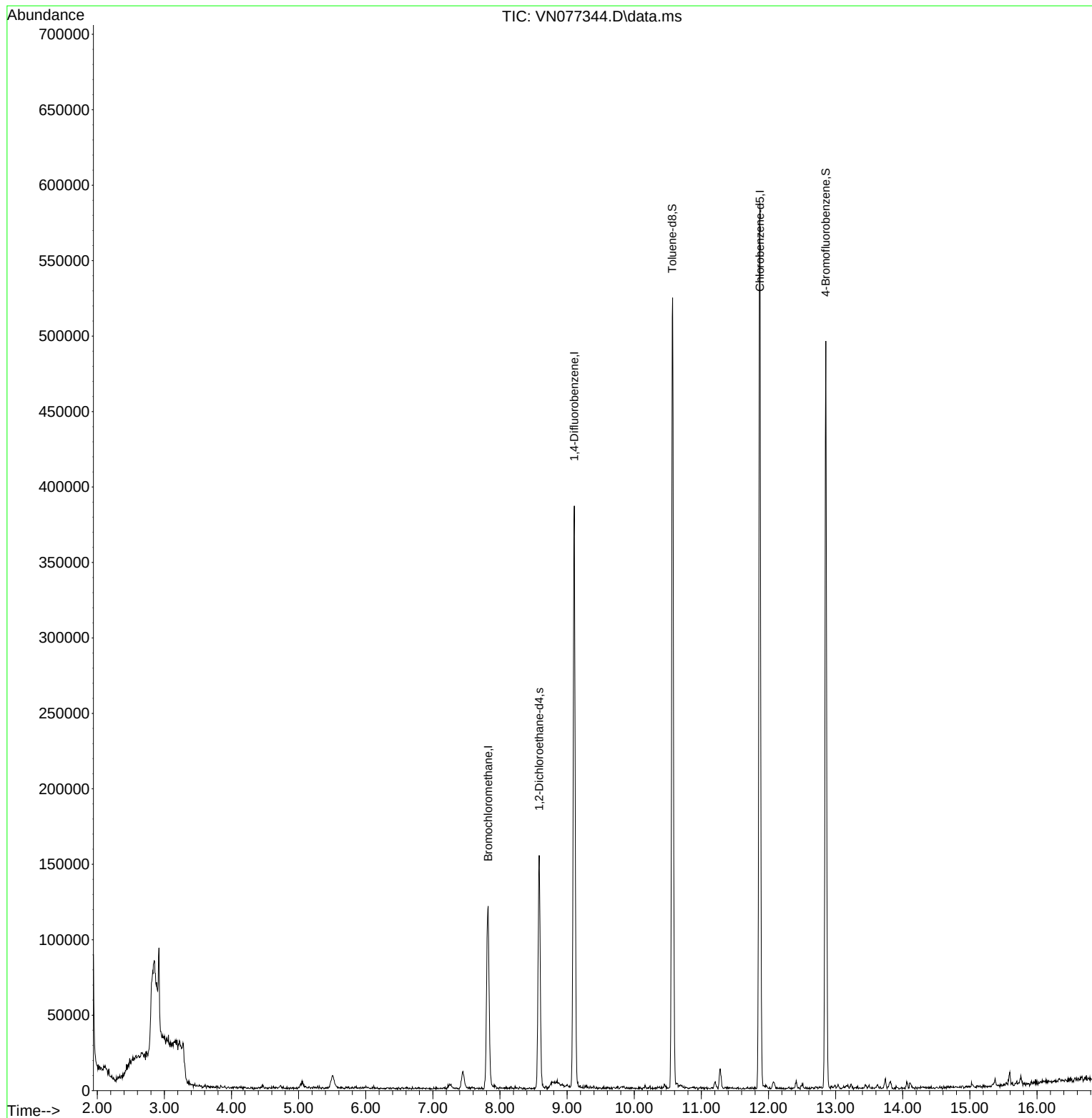
Target Compounds	Qvalue

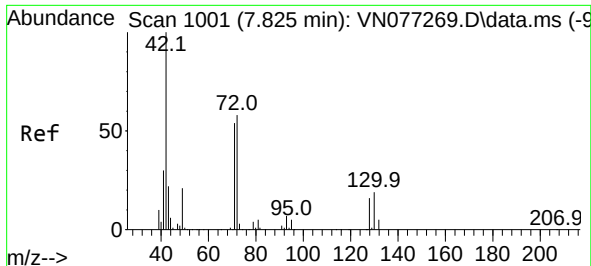
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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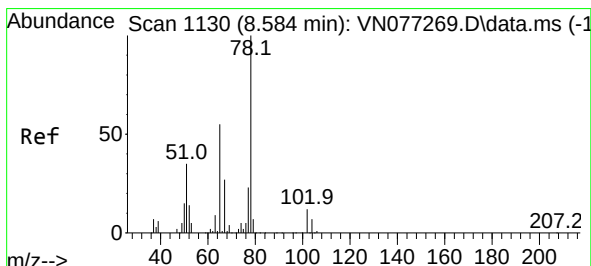
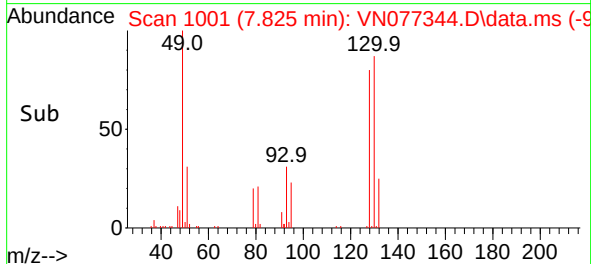
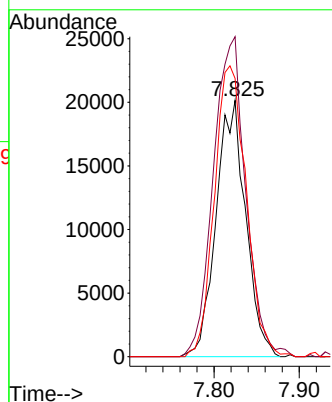
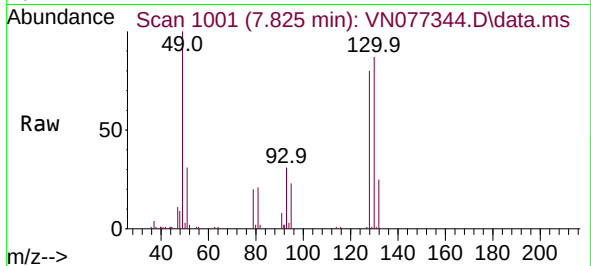




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077344.D
Acq: 14 Apr 2023 11:14

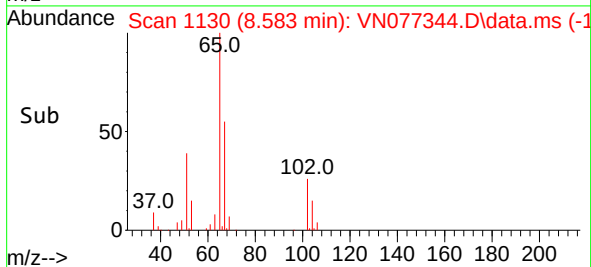
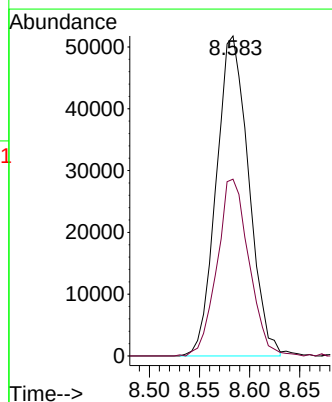
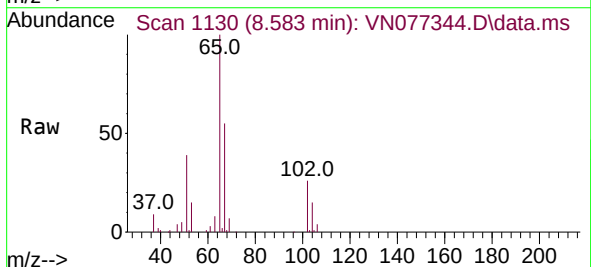
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MSVOA_N
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VN0414WBL01

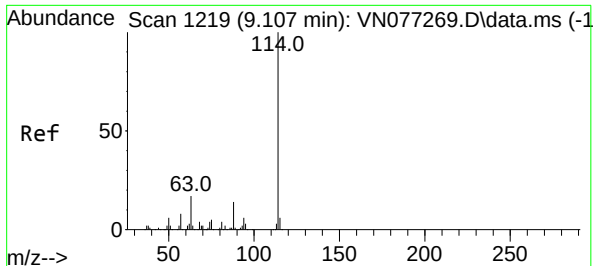
Tgt Ion:128 Resp: 48685
Ion Ratio Lower Upper
128 100
49 135.7 0.0 379.5
130 122.0 0.0 322.8



#27
1,2-Dichloroethane-d4
Concen: 28.114 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN077344.D
Acq: 14 Apr 2023 11:14

Tgt Ion: 65 Resp: 116081
Ion Ratio Lower Upper
65 100
67 54.5 41.8 62.6

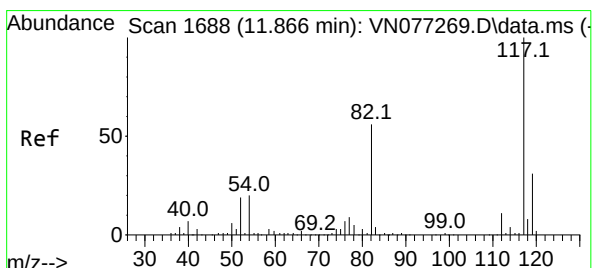
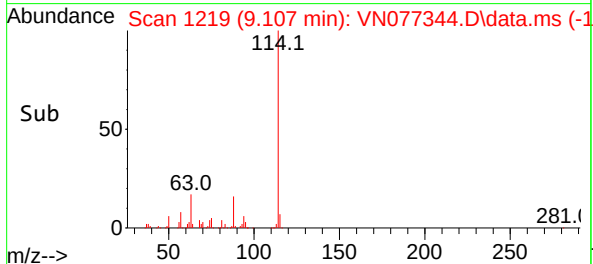
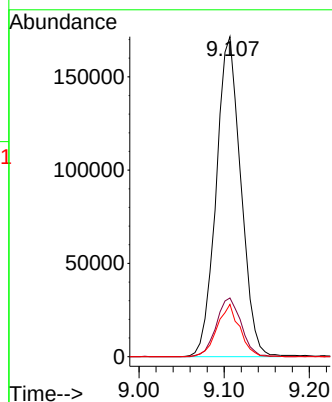
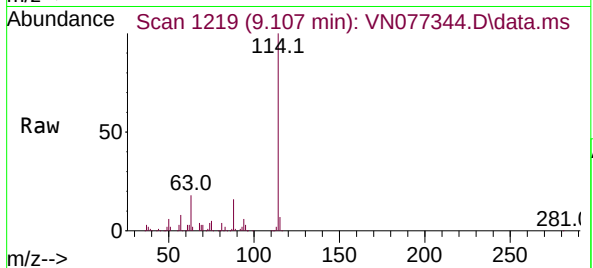




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN077344.D
Acq: 14 Apr 2023 11:14

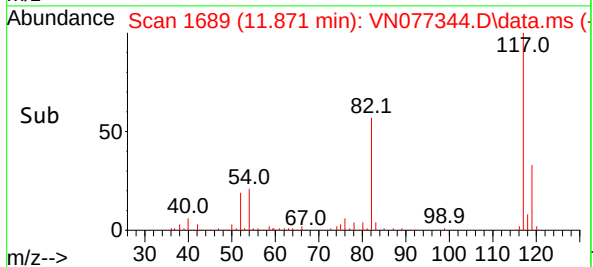
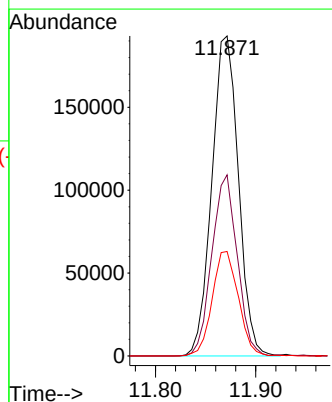
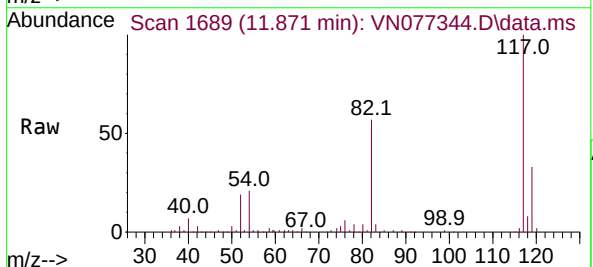
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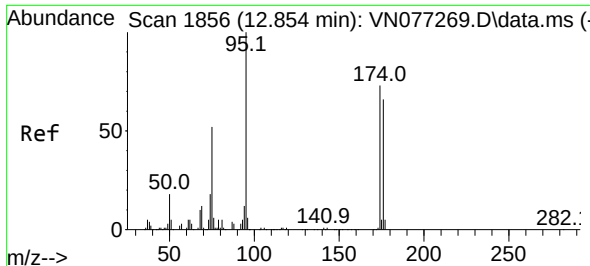
Tgt Ion:114 Resp: 345136
Ion Ratio Lower Upper
114 100
63 18.5 15.0 22.4
88 15.0 11.9 17.9



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.005 min
Lab File: VN077344.D
Acq: 14 Apr 2023 11:14

Tgt Ion:117 Resp: 355094
Ion Ratio Lower Upper
117 100
82 54.0 43.8 65.8
119 32.0 25.4 38.0

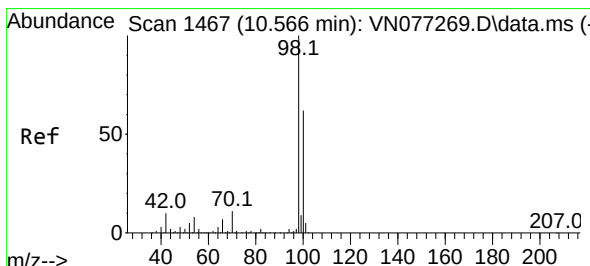
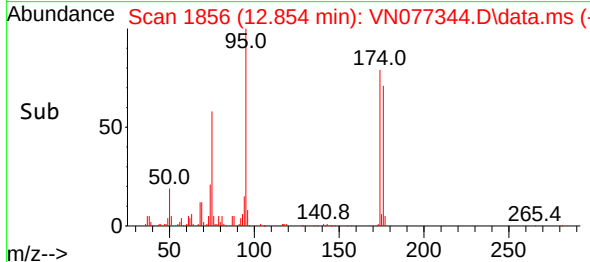
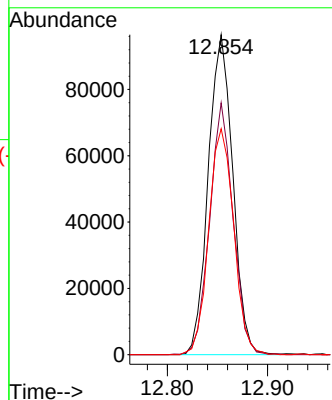
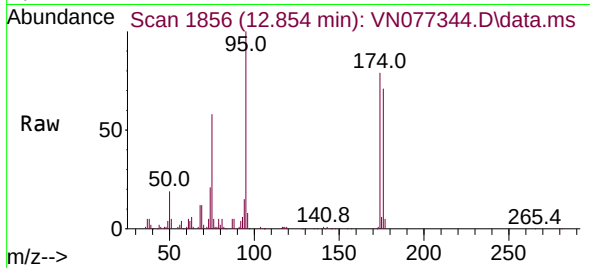




#60
4-Bromofluorobenzene
Concen: 26.726 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077344.D
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Instrument :
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Tgt Ion: 95 Resp: 164100
Ion Ratio Lower Upper
95 100
174 75.3 57.8 86.8
176 72.2 54.6 81.8



#63
Toluene-d8
Concen: 30.135 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VN077344.D
Acq: 14 Apr 2023 11:14

Tgt Ion: 98 Resp: 376177
Ion Ratio Lower Upper
98 100
100 66.7 51.4 77.2

