

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021523\
 Data File : VN076686.D
 Acq On : 15 Feb 2023 15:03
 Operator : JC\MD
 Sample : VN0215WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0215WBL01

Quant Time: Feb 16 04:32:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Feb 16 01:08:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.825	128	31943	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	218754	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.872	117	226785	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	96507	33.033	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	110.100%#
60) 4-Bromofluorobenzene	12.848	95	103097	25.701	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	85.667%
63) Toluene-d8	10.572	98	245596	30.918	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.067%

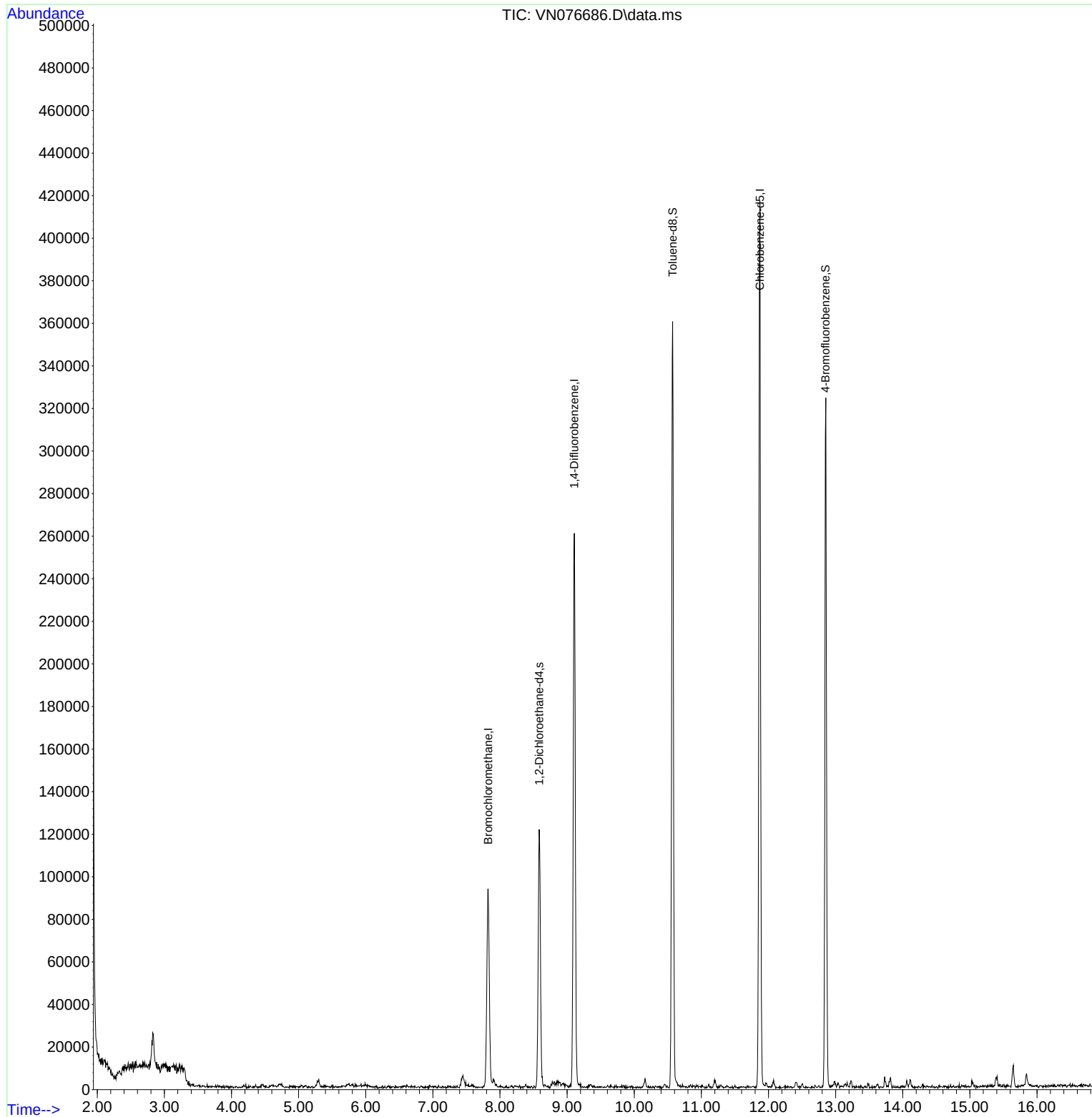
Target Compounds	Qvalue

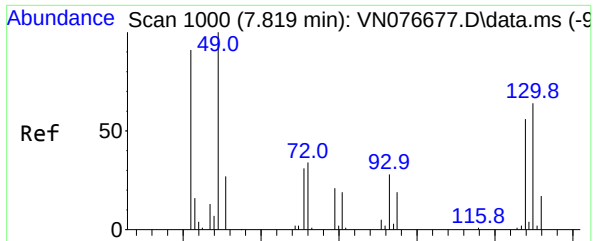
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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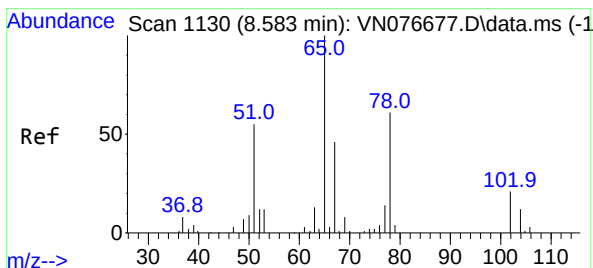
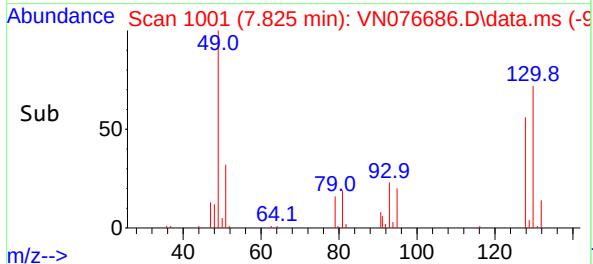
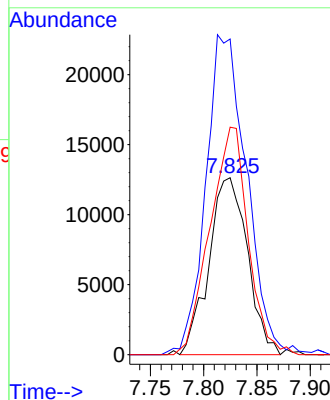
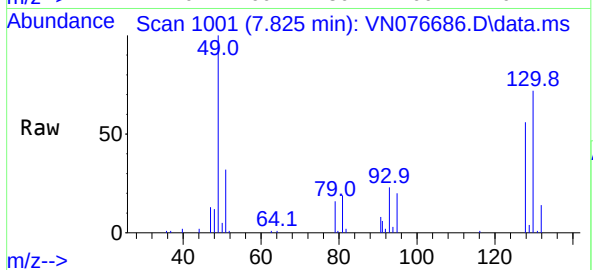




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN076686.D
Acq: 15 Feb 2023 15:03

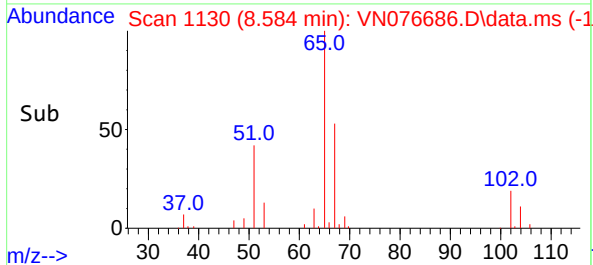
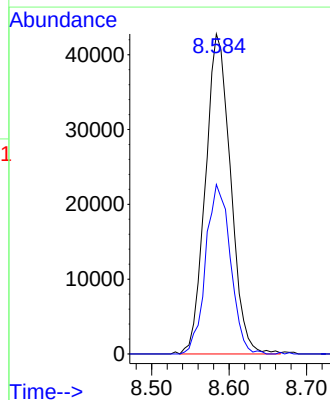
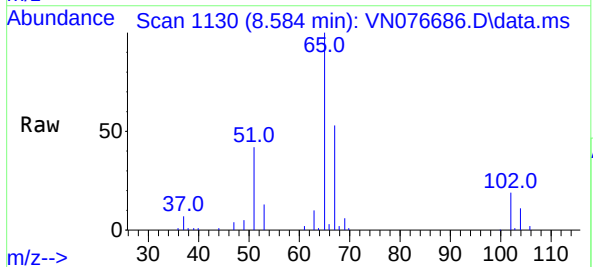
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBL01

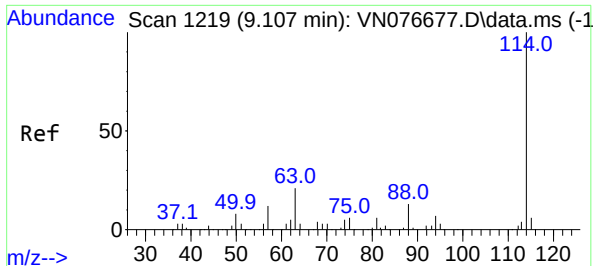
Tgt Ion:128 Resp: 31943
Ion Ratio Lower Upper
128 100
49 187.9 0.0 461.8
130 127.0 0.0 295.3



#27
1,2-Dichloroethane-d4
Concen: 33.033 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN076686.D
Acq: 15 Feb 2023 15:03

Tgt Ion: 65 Resp: 96507
Ion Ratio Lower Upper
65 100
67 51.7 40.9 61.3



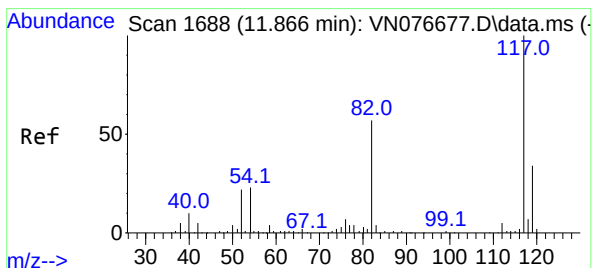
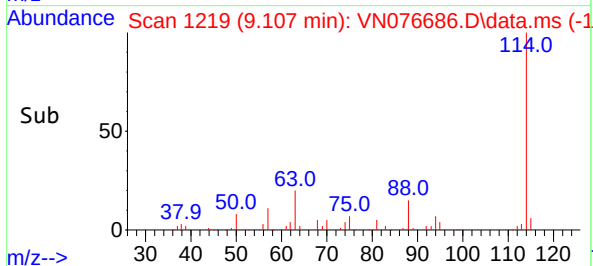
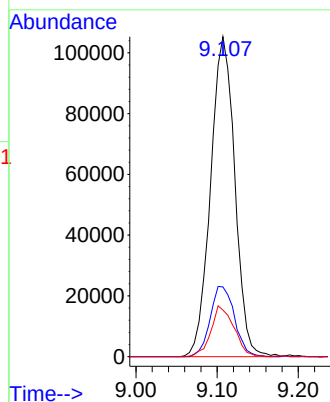
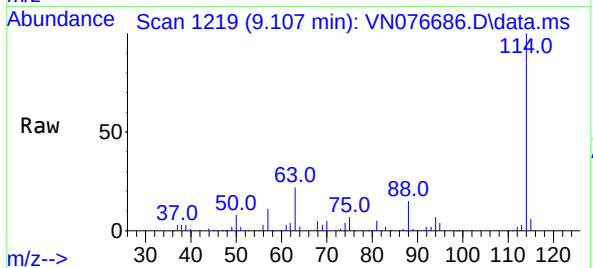


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076686.D
Acq: 15 Feb 2023 15:03

Instrument :
MSVOA_N
ClientSampleId :
VN0215WBL01

Tgt Ion:114 Resp: 218754

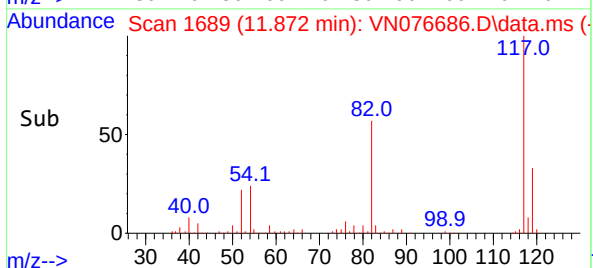
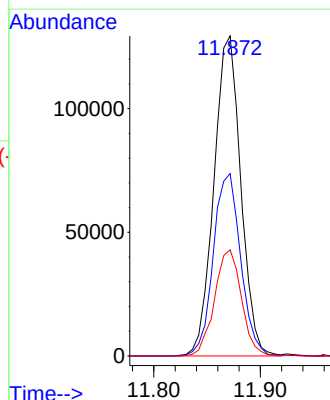
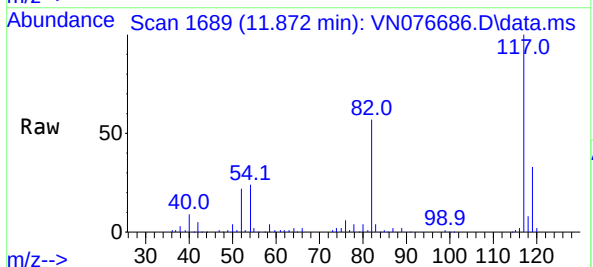
Ion	Ratio	Lower	Upper
114	100		
63	22.0	17.0	25.4
88	15.0	11.6	17.4

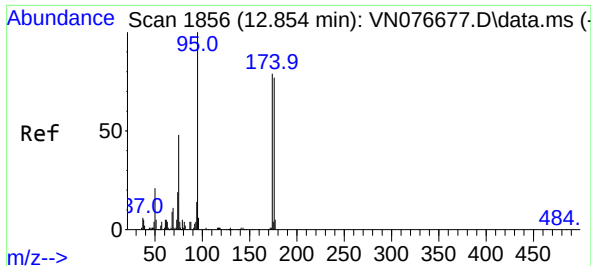


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN076686.D
Acq: 15 Feb 2023 15:03

Tgt Ion:117 Resp: 226785

Ion	Ratio	Lower	Upper
117	100		
82	57.9	45.4	68.0
119	33.1	26.8	40.2

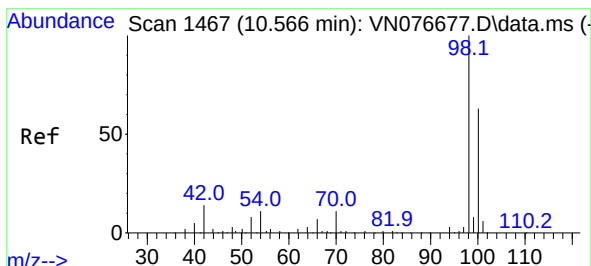
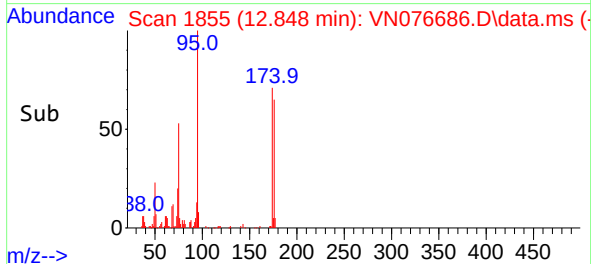
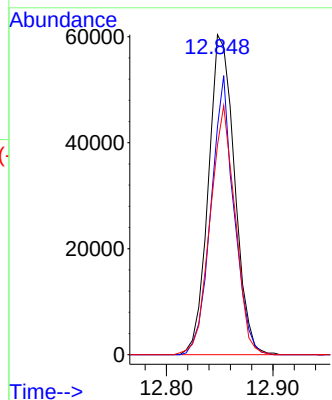
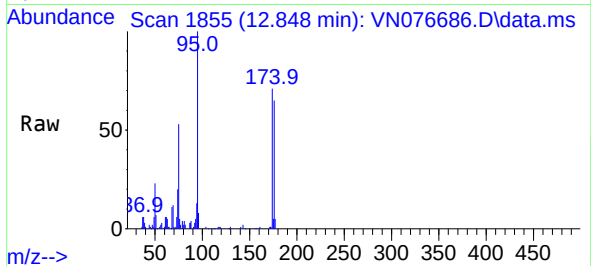




#60
4-Bromofluorobenzene
Concen: 25.701 ug/l
RT: 12.848 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN076686.D
Acq: 15 Feb 2023 15:03

Instrument :
MSVOA_N
ClientSampleId :
VN0215WBL01

Tgt Ion: 95 Resp: 103097
Ion Ratio Lower Upper
95 100
174 76.5 64.2 96.4
176 74.0 61.4 92.0



#63
Toluene-d8
Concen: 30.918 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076686.D
Acq: 15 Feb 2023 15:03

Tgt Ion: 98 Resp: 245596
Ion Ratio Lower Upper
98 100
100 65.1 53.8 80.6

