

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072922\
 Data File : VN073635.D
 Acq On : 29 Jul 2022 15:20
 Operator : JC\MD
 Sample : N3958-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW9-IDWGW-20220727

Quant Time: Aug 01 03:38:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 27 18:07:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.587	128	46063	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	237692	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	204622	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.375	65	122629	30.790	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.633%
60) 4-Bromofluorobenzene	12.674	95	88584	24.450	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	81.500%
63) Toluene-d8	10.380	98	341976	29.681	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.933%

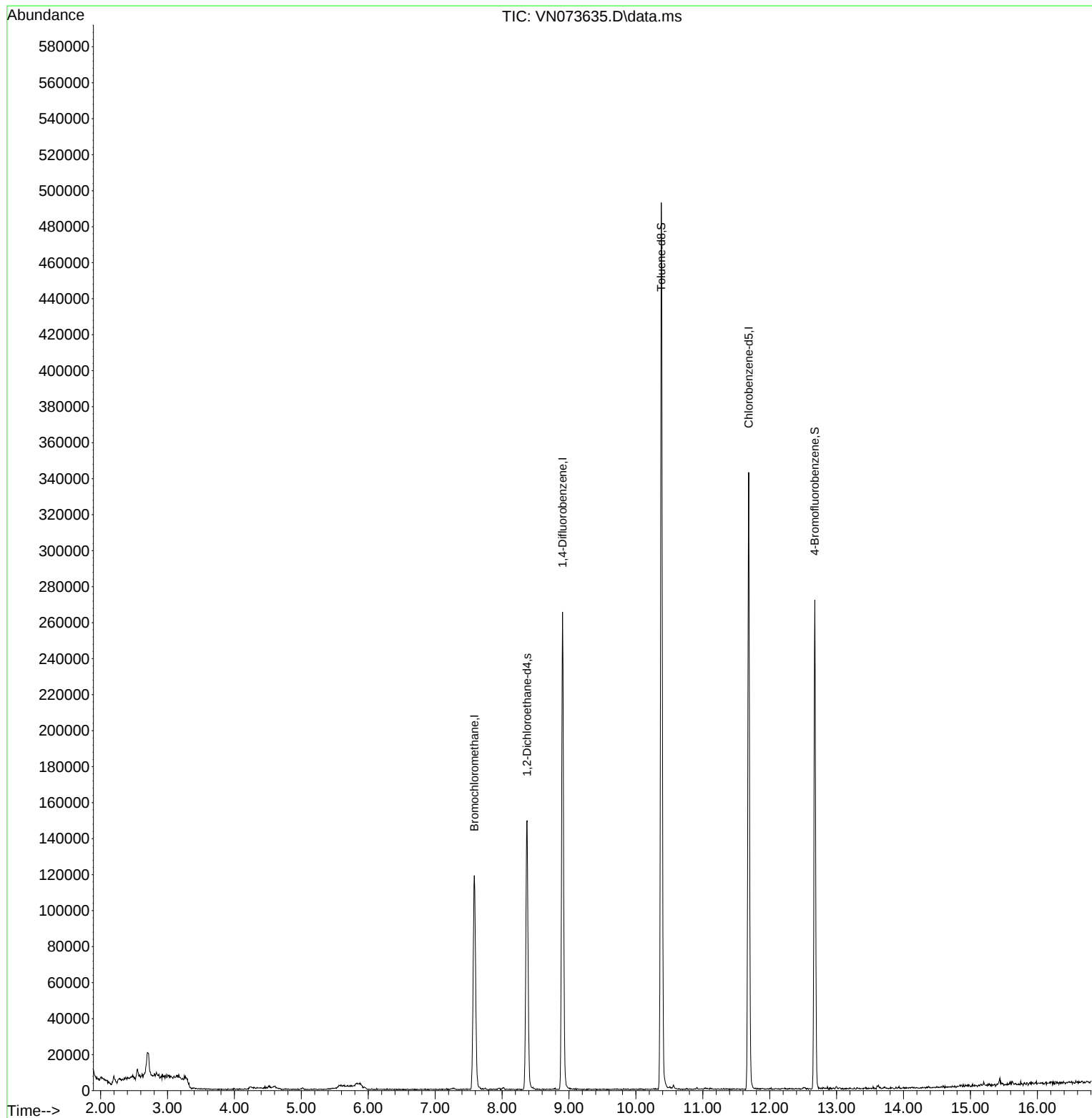
Target Compounds	Qvalue

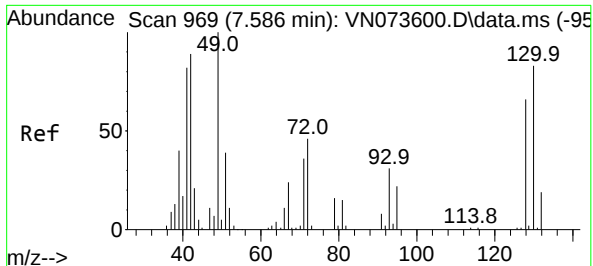
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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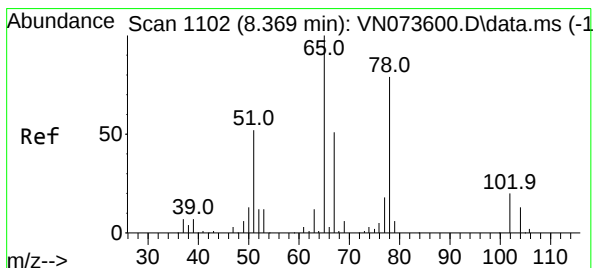
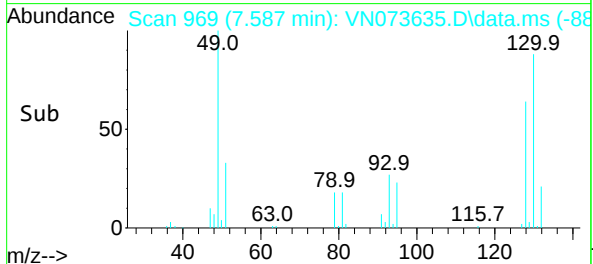
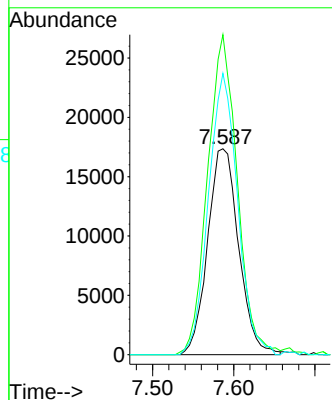
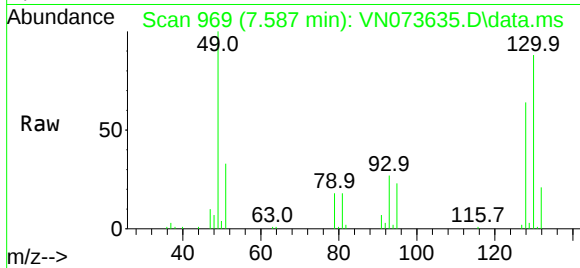




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.587 min Scan# 91
Delta R.T. 0.001 min
Lab File: VN073635.D
Acq: 29 Jul 2022 15:20

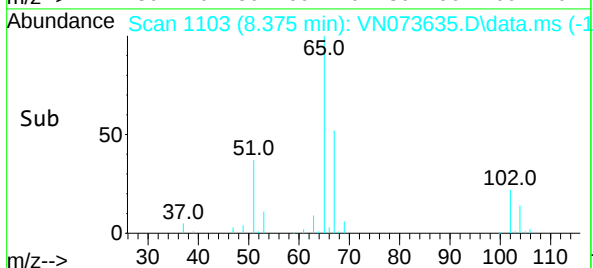
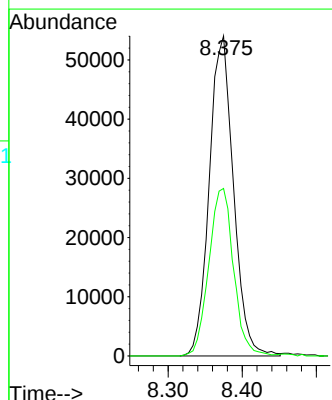
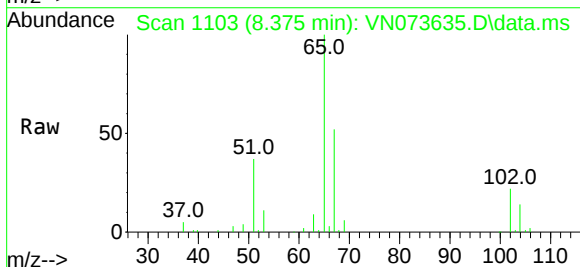
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MSVOA_N
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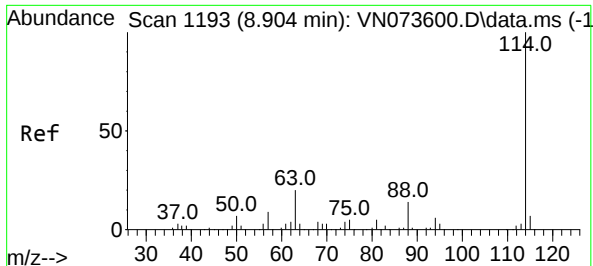
Tgt Ion:128 Resp: 46063
Ion Ratio Lower Upper
128 100
49 148.3 0.0 392.3
130 128.6 0.0 320.2



#27
1,2-Dichloroethane-d4
Concen: 30.790 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073635.D
Acq: 29 Jul 2022 15:20

Tgt Ion: 65 Resp: 122629
Ion Ratio Lower Upper
65 100
67 53.4 40.2 60.2

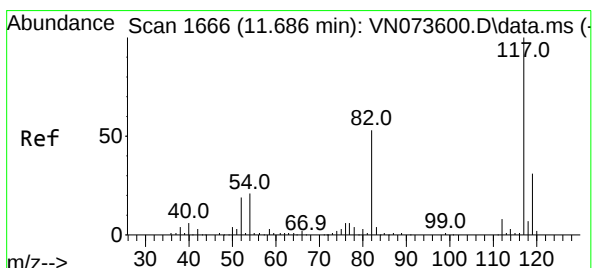
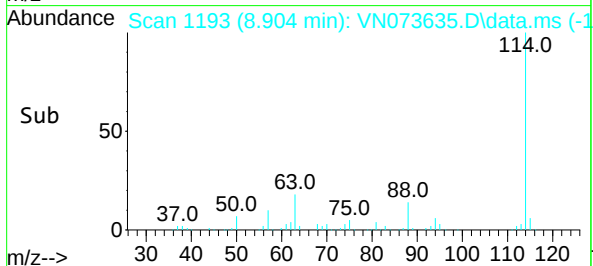
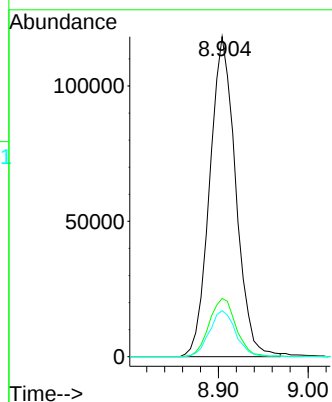
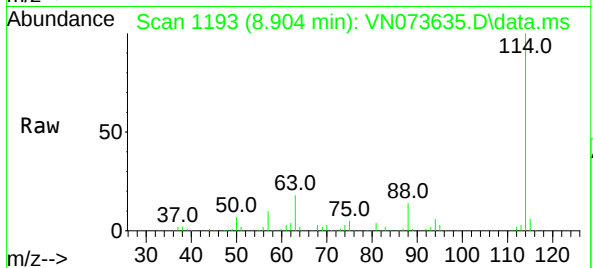




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN073635.D
Acq: 29 Jul 2022 15:20

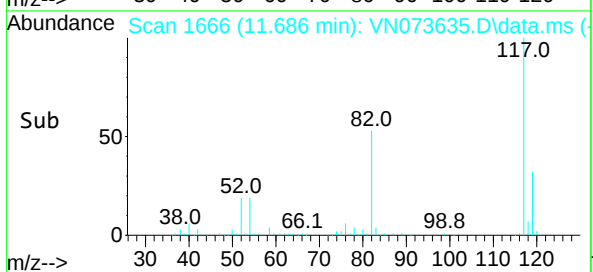
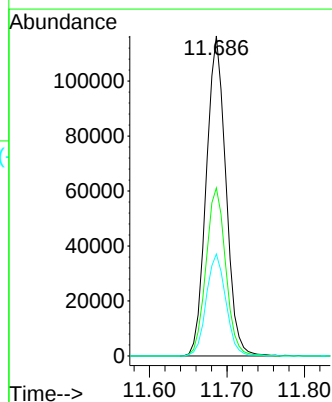
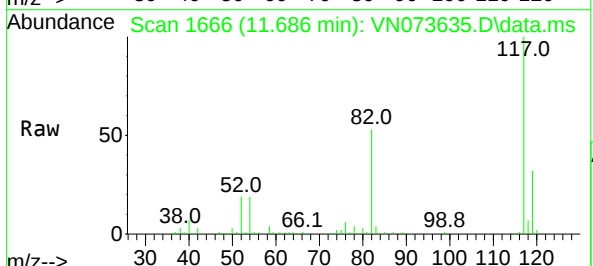
Instrument :
MSVOA_N
ClientSampleId :
RW9-IDWGW-20220727

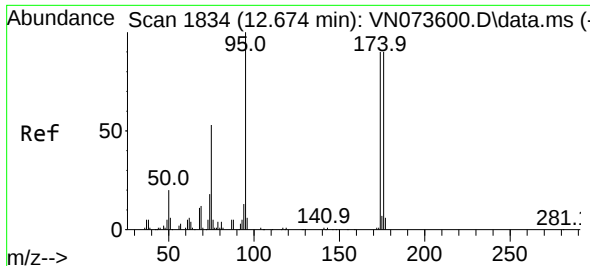
Tgt Ion:114 Resp: 237692
Ion Ratio Lower Upper
114 100
63 18.8 15.8 23.6
88 14.5 11.6 17.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073635.D
Acq: 29 Jul 2022 15:20

Tgt Ion:117 Resp: 204622
Ion Ratio Lower Upper
117 100
82 52.7 43.6 65.4
119 31.6 25.8 38.6

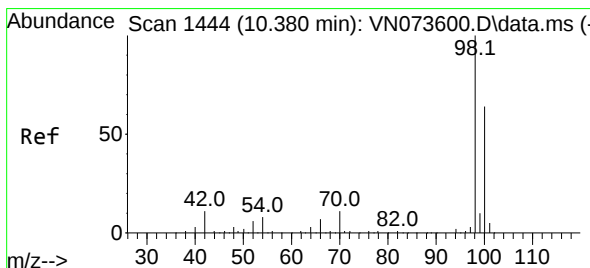
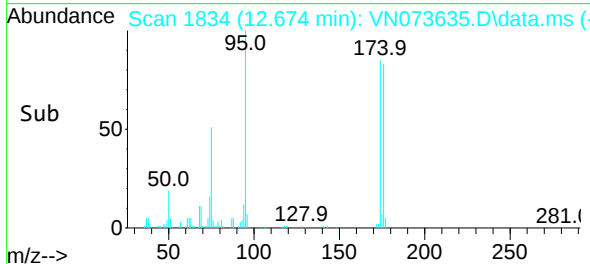
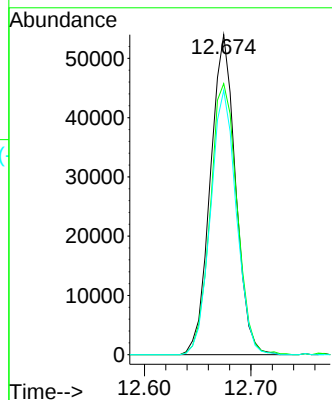
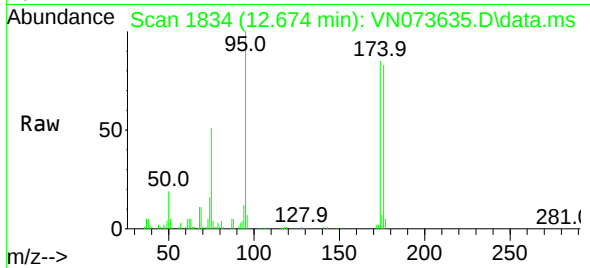




#60
4-Bromofluorobenzene
Concen: 24.450 ug/l
RT: 12.674 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073635.D
Acq: 29 Jul 2022 15:20

Instrument :
MSVOA_N
ClientSampleId :
RW9-IDWGW-20220727

Tgt Ion: 95 Resp: 88584
Ion Ratio Lower Upper
95 100
174 89.8 62.9 94.3
176 84.4 61.0 91.4



#63
Toluene-d8
Concen: 29.681 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073635.D
Acq: 29 Jul 2022 15:20

Tgt Ion: 98 Resp: 341976
Ion Ratio Lower Upper
98 100
100 65.4 50.6 76.0

