

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092722\
 Data File : VN074629.D
 Acq On : 27 Sep 2022 15:52
 Operator : JC\MD
 Sample : VN0927WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0927WBL01

Quant Time: Sep 28 08:03:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 28 07:48:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.498	128	119550	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.828	114	702169	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.622	117	595008	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.286	65	341101	30.260	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.867%
60) 4-Bromofluorobenzene	12.604	95	281022	24.314	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	81.033%
63) Toluene-d8	10.310	98	1058385	31.536	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	105.133%

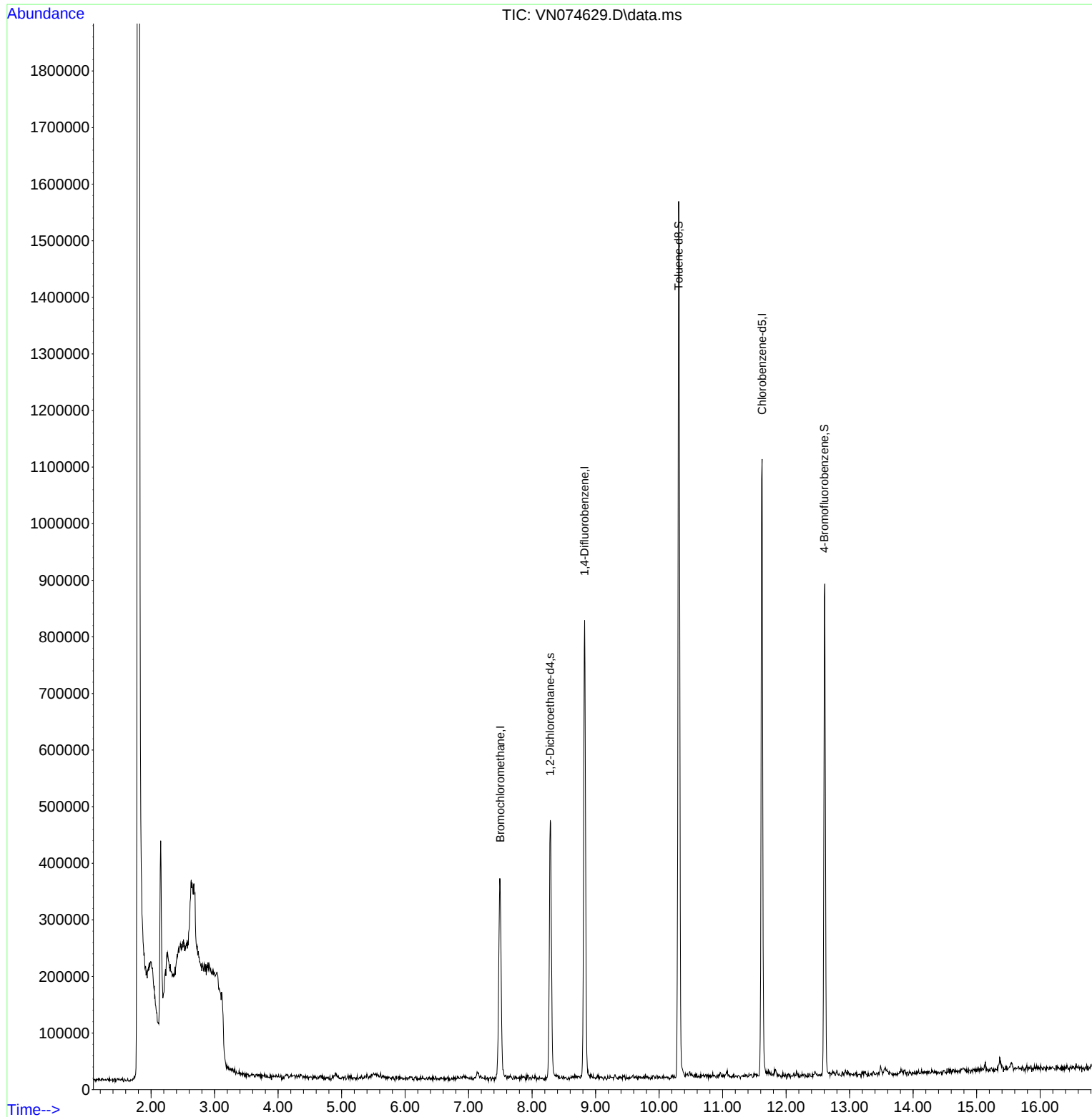
Target Compounds	Qvalue

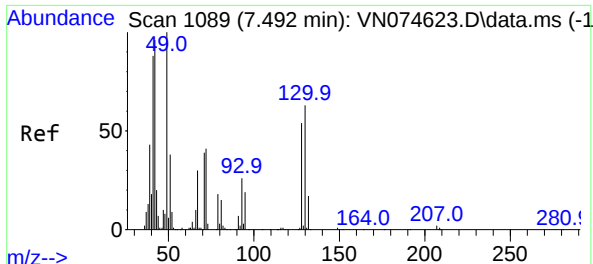
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.498 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VN074629.D

Acq: 27 Sep 2022 15:52

Instrument :

MSVOA_N

ClientSampleId :

VN0927WBL01

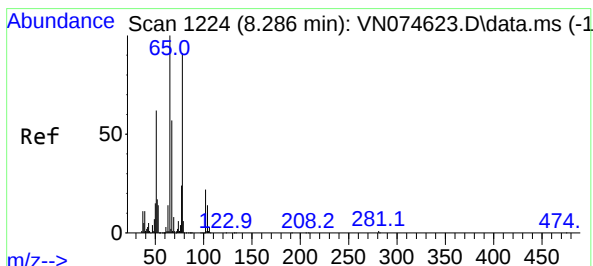
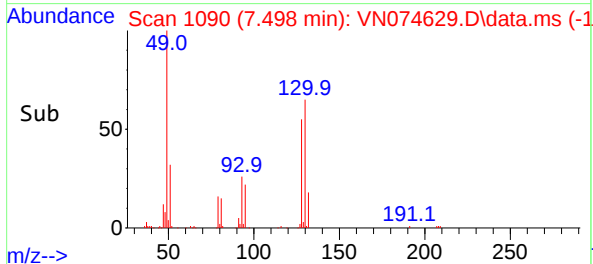
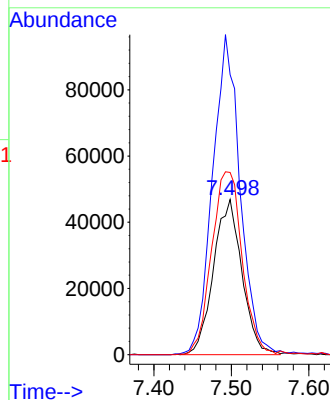
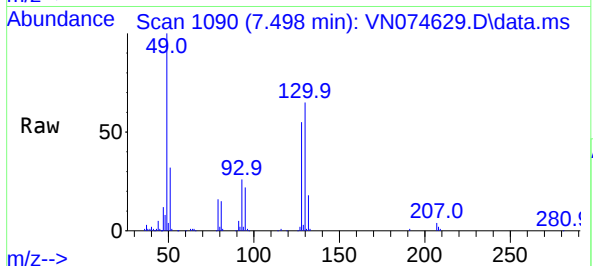
Tgt Ion:128 Resp: 119550

Ion Ratio Lower Upper

128 100

49 199.4 0.0 492.0

130 126.8 0.0 313.3



#27

1,2-Dichloroethane-d4

Concen: 30.260 ug/l

RT: 8.286 min Scan# 1224

Delta R.T. -0.000 min

Lab File: VN074629.D

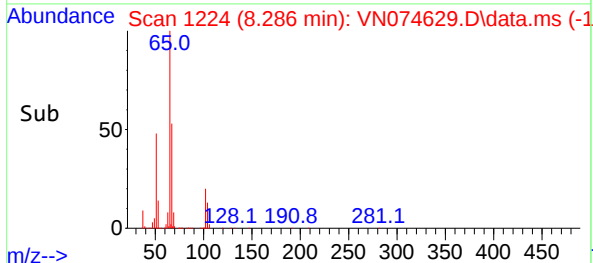
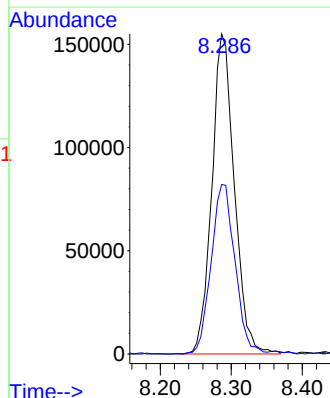
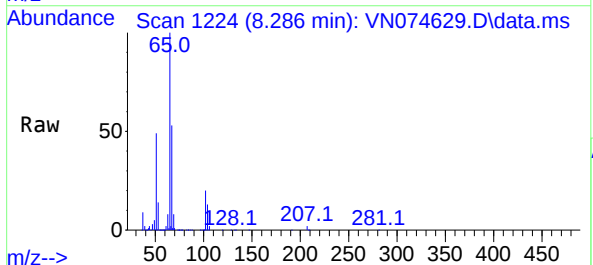
Acq: 27 Sep 2022 15:52

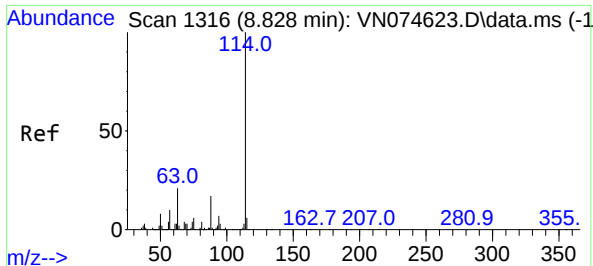
Tgt Ion: 65 Resp: 341101

Ion Ratio Lower Upper

65 100

67 56.0 45.2 67.8

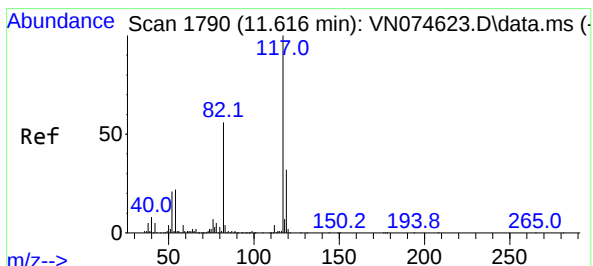
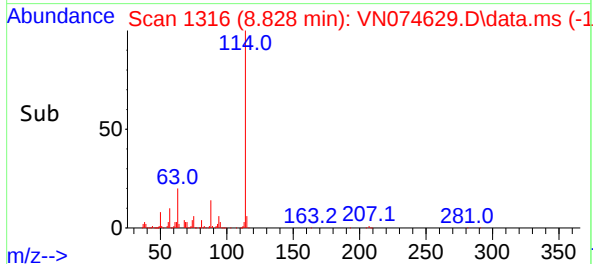
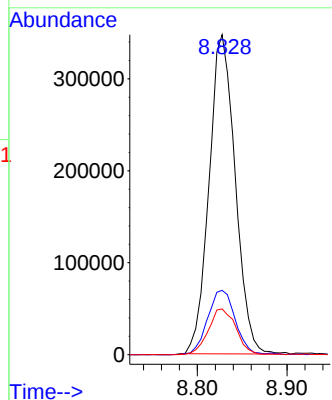
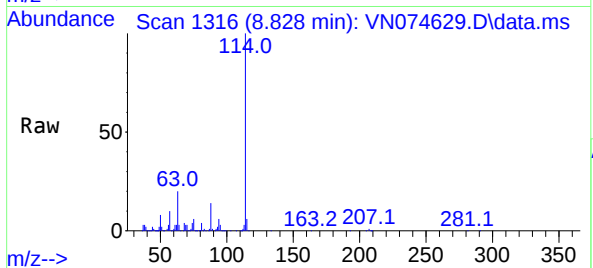




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.828 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN074629.D
Acq: 27 Sep 2022 15:52

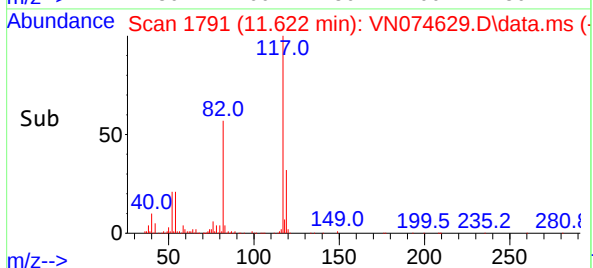
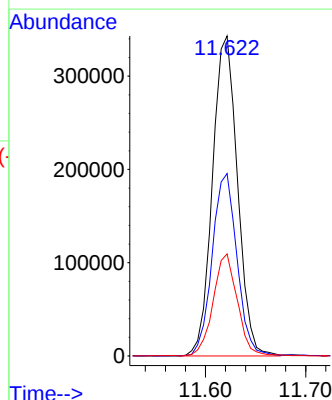
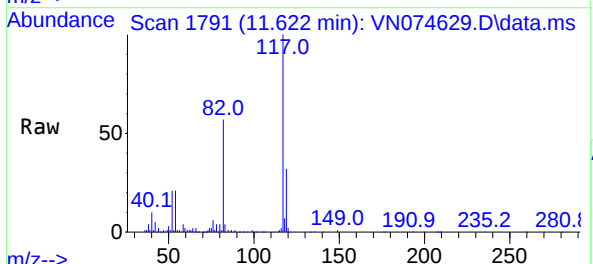
Instrument :
MSVOA_N
ClientSampleId :
VN0927WBL01

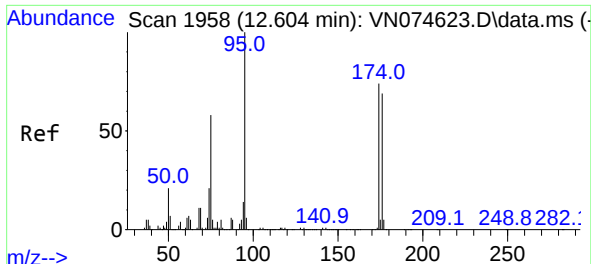
Tgt Ion:114 Resp: 702169
Ion Ratio Lower Upper
114 100
63 21.3 16.6 25.0
88 15.1 12.2 18.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.622 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VN074629.D
Acq: 27 Sep 2022 15:52

Tgt Ion:117 Resp: 595008
Ion Ratio Lower Upper
117 100
82 56.6 44.6 67.0
119 31.0 25.6 38.4

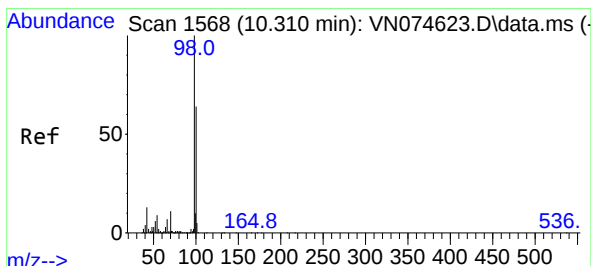
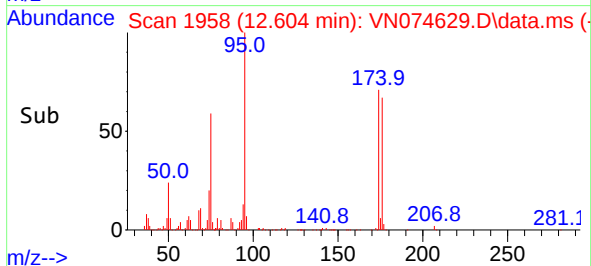
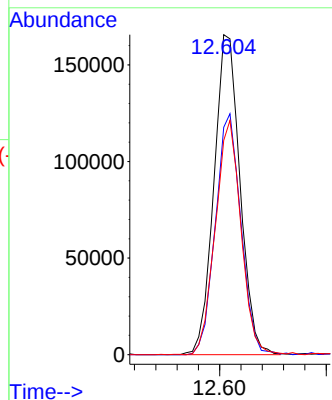
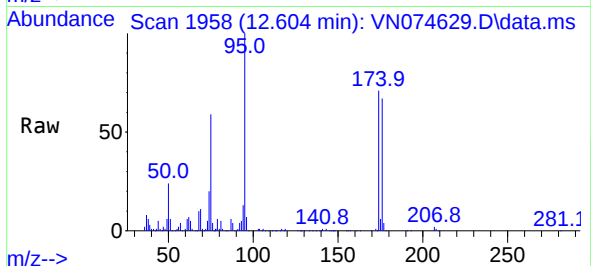




#60
4-Bromofluorobenzene
Concen: 24.314 ug/l
RT: 12.604 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VN074629.D
Acq: 27 Sep 2022 15:52

Instrument :
MSVOA_N
ClientSampleId :
VN0927WBL01

Tgt Ion: 95 Resp: 281022
Ion Ratio Lower Upper
95 100
174 73.4 57.8 86.8
176 71.8 57.0 85.4



#63
Toluene-d8
Concen: 31.536 ug/l
RT: 10.310 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN074629.D
Acq: 27 Sep 2022 15:52

Tgt Ion: 98 Resp: 1058385
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1

