

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091322\
 Data File : VN074434.D
 Acq On : 13 Sep 2022 15:37
 Operator : JC\MD
 Sample : N4588-04 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1666

Quant Time: Sep 13 17:17:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 06:10:29 2022
 Response via : Initial Calibration

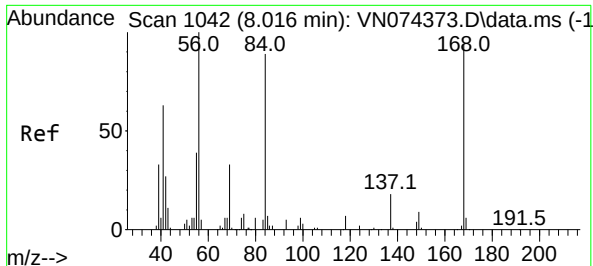
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.016	168	195615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	371372	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	366844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.621	152	161373	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	171167	50.575	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.140%
35) Dibromofluoromethane	7.951	113	139294	55.559	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.120%
50) Toluene-d8	10.380	98	468533	47.962	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.920%
62) 4-Bromofluorobenzene	12.674	95	182553	51.471	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.940%

Target Compounds	Qvalue

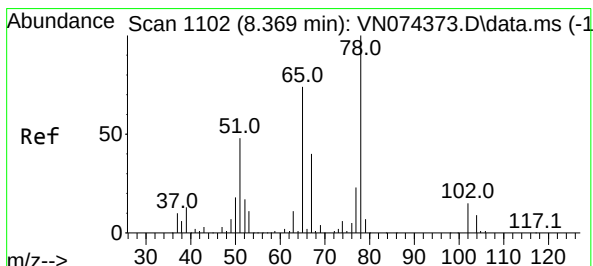
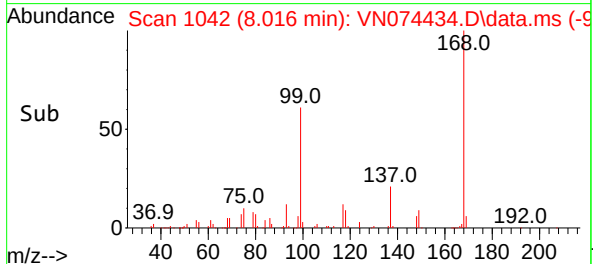
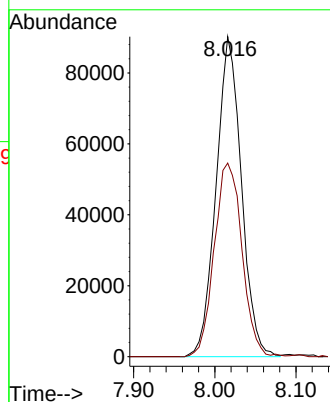
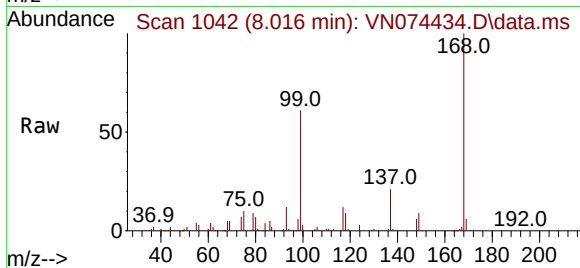
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
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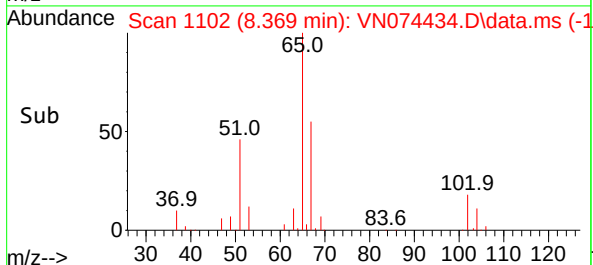
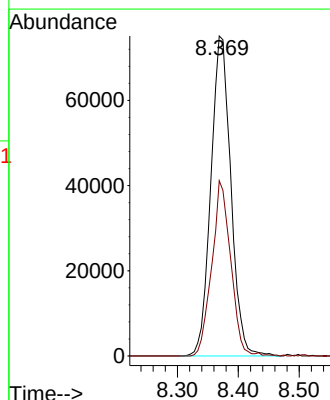
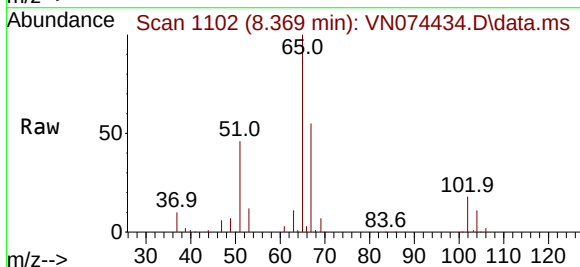
Instrument :
MSVOA_N
ClientSampleId :
AUD-1666

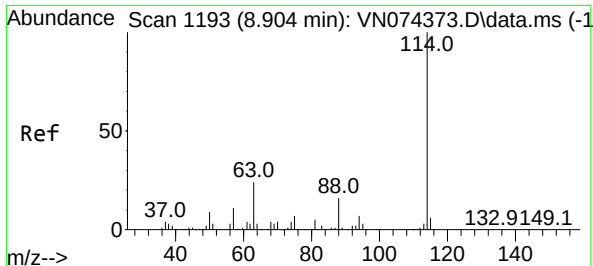
Tgt Ion:168 Resp: 195615
Ion Ratio Lower Upper
168 100
99 60.5 52.8 79.2



#33
1,2-Dichloroethane-d4
Concen: 50.575 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074434.D
Acq: 13 Sep 2022 15:37

Tgt Ion: 65 Resp: 171167
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074434.D

Acq: 13 Sep 2022 15:37

Instrument :

MSVOA_N

ClientSampleId :

AUD-1666

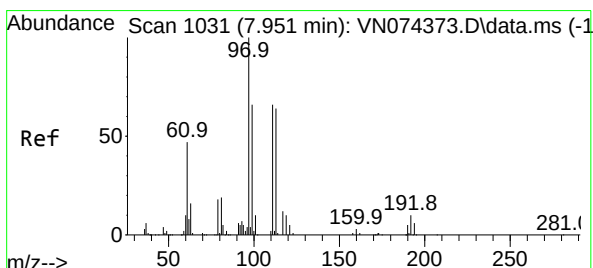
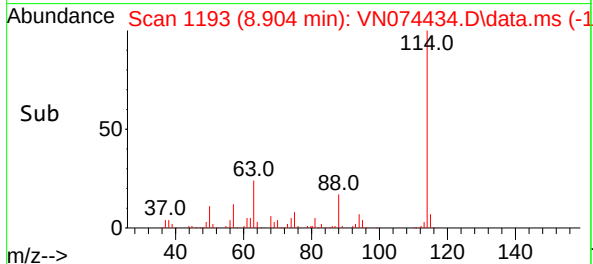
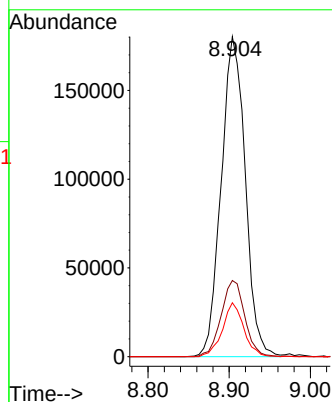
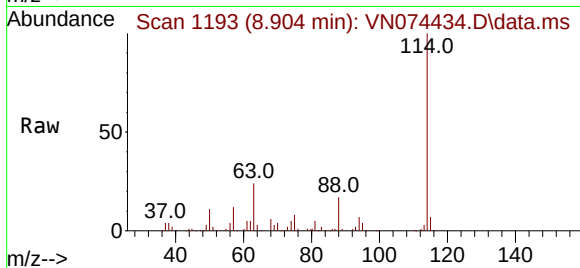
Tgt Ion:114 Resp: 371372

Ion Ratio Lower Upper

114 100

63 23.8 0.0 47.6

88 16.8 0.0 31.4



#35

Dibromofluoromethane

Concen: 55.559 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN074434.D

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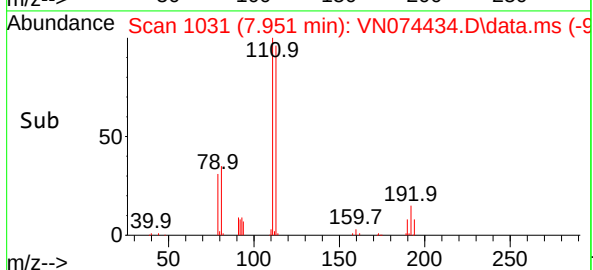
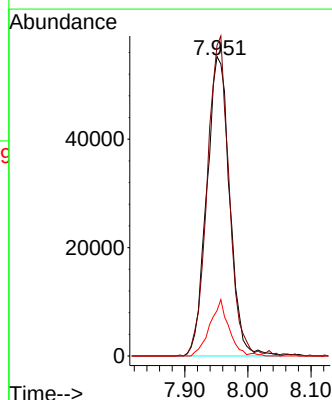
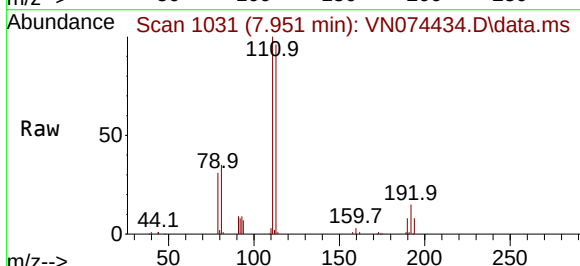
Tgt Ion:113 Resp: 139294

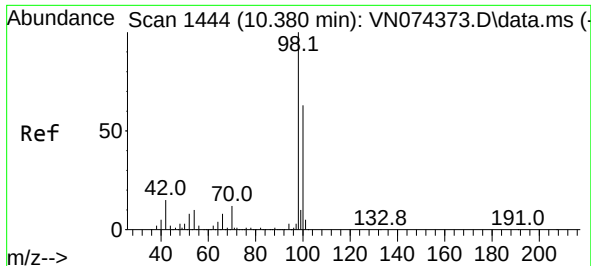
Ion Ratio Lower Upper

113 100

111 101.0 83.0 124.4

192 15.7 13.7 20.5

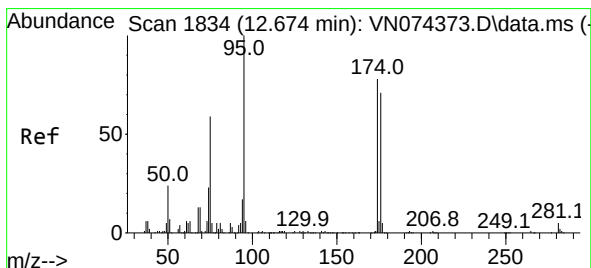
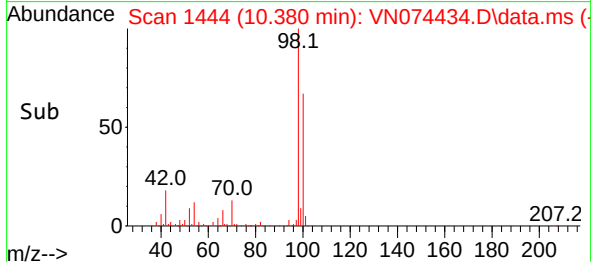
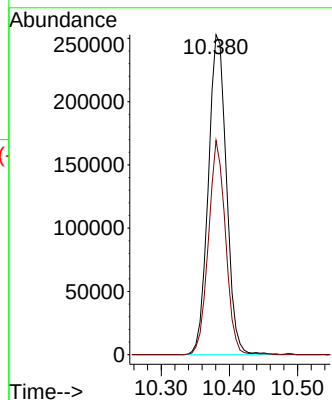
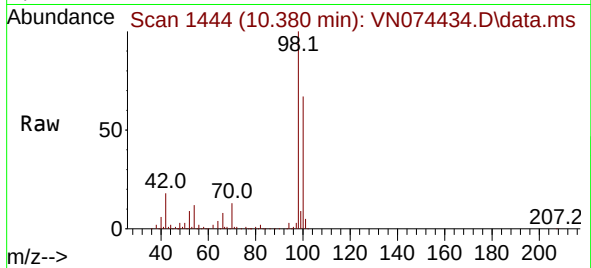




#50
Toluene-d8
Concen: 47.962 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN074434.D
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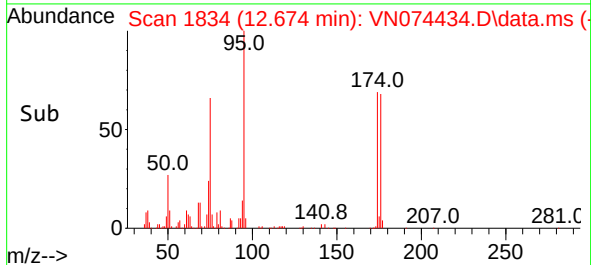
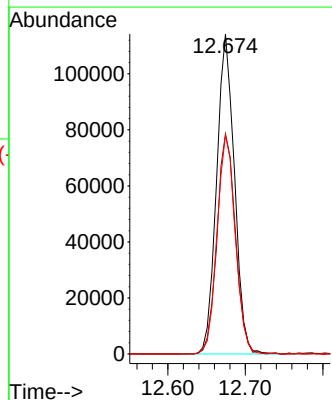
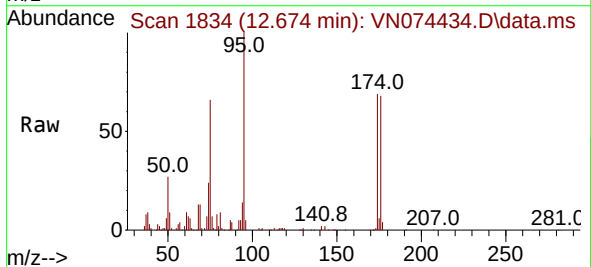
Instrument :
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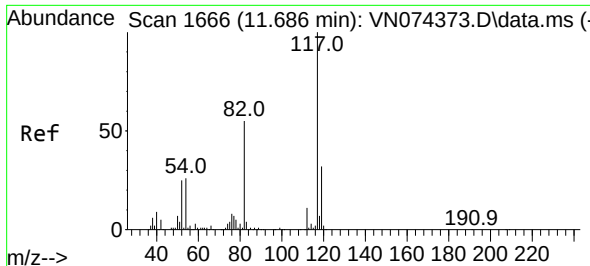
Tgt Ion: 98 Resp: 468533
Ion Ratio Lower Upper
98 100
100 63.1 50.6 76.0



#62
4-Bromofluorobenzene
Concen: 51.471 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN074434.D
Acq: 13 Sep 2022 15:37

Tgt Ion: 95 Resp: 182553
Ion Ratio Lower Upper
95 100
174 71.4 0.0 150.6
176 69.7 0.0 143.4

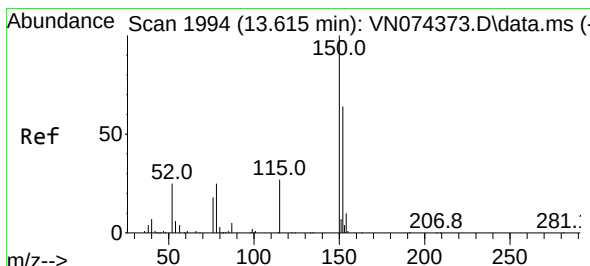
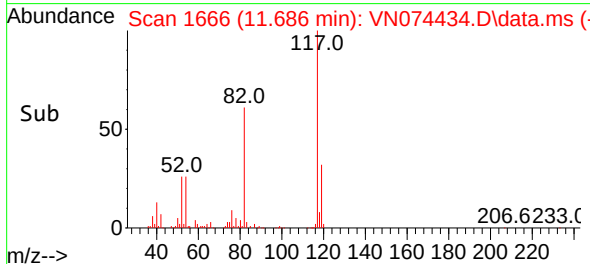
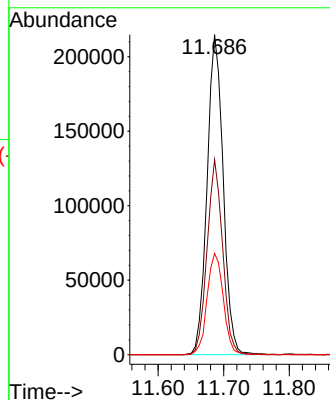
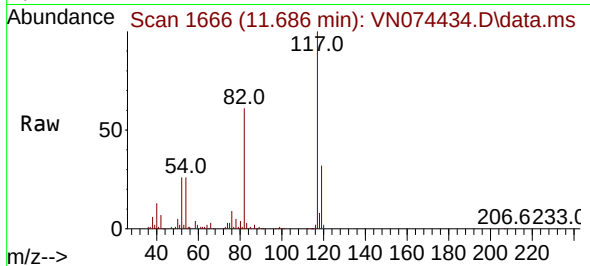




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074434.D
Acq: 13 Sep 2022 15:37

Instrument :
MSVOA_N
ClientSampleId :
AUD-1666

Tgt Ion:117 Resp: 366844
Ion Ratio Lower Upper
117 100
82 61.0 44.3 66.5
119 31.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.621 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VN074434.D
Acq: 13 Sep 2022 15:37

Tgt Ion:152 Resp: 161373
Ion Ratio Lower Upper
152 100
115 62.0 32.0 96.0
150 156.8 0.0 359.6

