

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091322\
 Data File : VN074436.D
 Acq On : 13 Sep 2022 16:27
 Operator : JC\MD
 Sample : N4588-07 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1665

Quant Time: Sep 13 17:18:24 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)

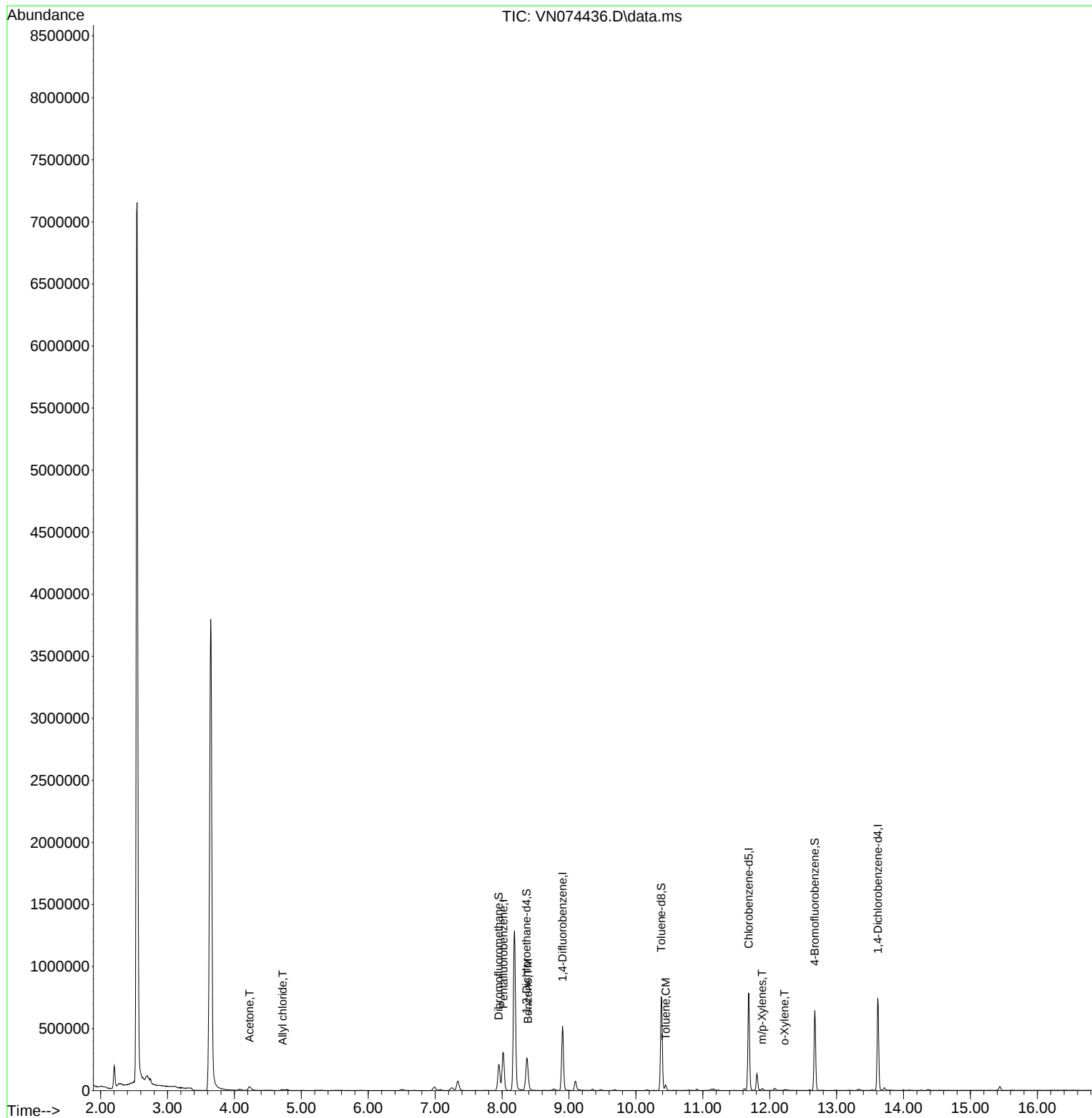
Internal Standards						
1) Pentafluorobenzene	8.022	168	208855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	396866	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	380499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	165814	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	179108	49.566	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.140%
35) Dibromofluoromethane	7.951	113	143200	53.448	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.900%
50) Toluene-d8	10.380	98	483617	46.326	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.660%
62) 4-Bromofluorobenzene	12.674	95	191325	50.479	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.960%
Target Compounds						
					Qvalue	
14) Allyl chloride	4.722	41	14149	2.478	ug/l #	40
16) Acetone	4.228	43	53143	27.241	ug/l #	87
40) Benzene	8.386	78	37366	2.765	ug/l	98
52) Toluene	10.445	92	15771	1.887	ug/l	98
68) m/p-Xylenes	11.886	106	3777	0.580	ug/l	89
69) o-Xylene	12.221	106	1709	0.261	ug/l	88

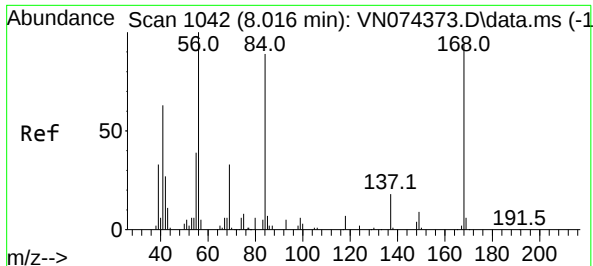
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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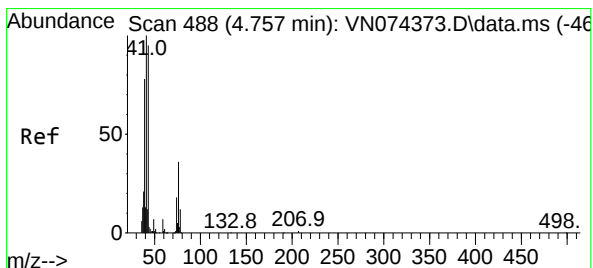
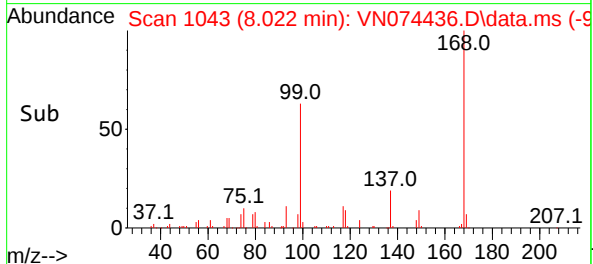
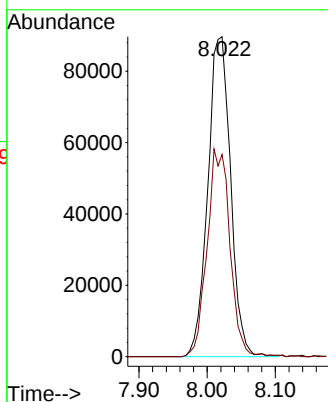
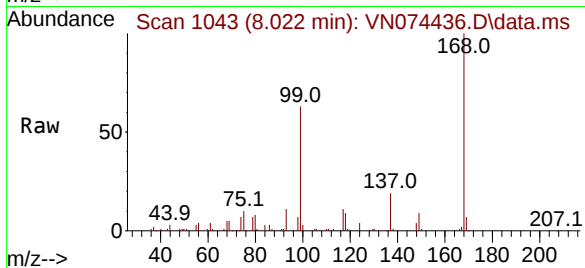




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VN074436.D
Acq: 13 Sep 2022 16:27

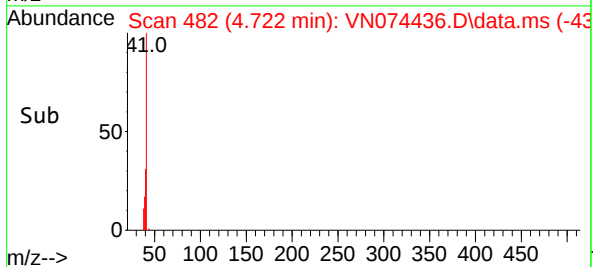
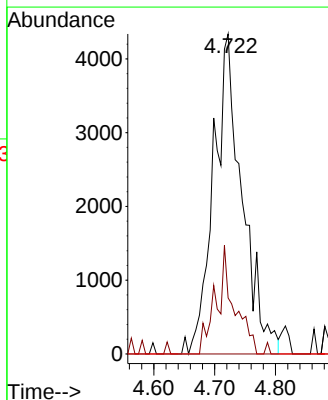
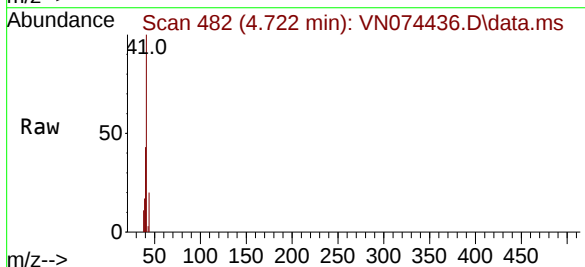
Instrument :
MSVOA_N
ClientSampleId :
AUD-1665

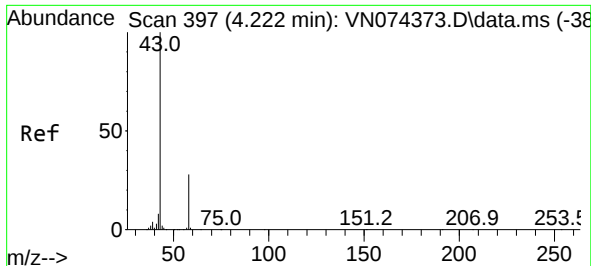
Tgt Ion:168 Resp: 208855
Ion Ratio Lower Upper
168 100
99 63.2 52.8 79.2



#14
Allyl chloride
Concen: 2.478 ug/l
RT: 4.722 min Scan# 482
Delta R.T. -0.035 min
Lab File: VN074436.D
Acq: 13 Sep 2022 16:27

Tgt Ion: 41 Resp: 14149
Ion Ratio Lower Upper
41 100
39 21.6 58.5 87.7#
76 0.0 24.2 36.4#

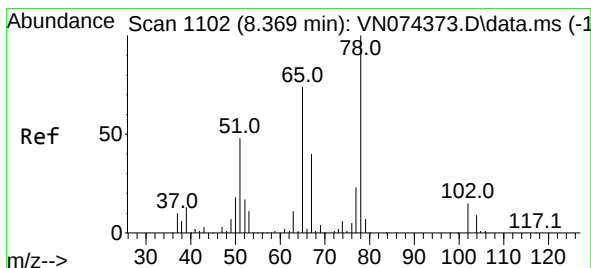
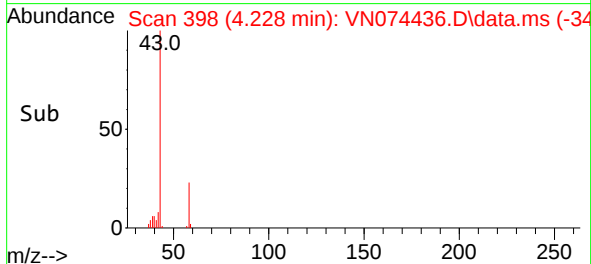
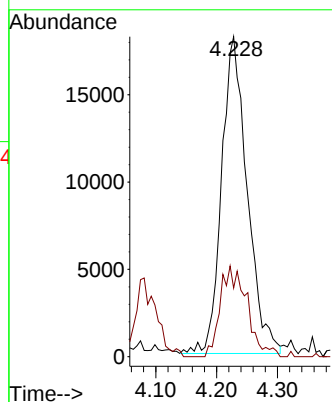
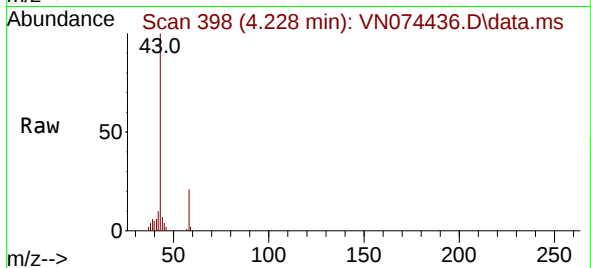




#16
Acetone
Concen: 27.241 ug/l
RT: 4.228 min Scan# 397
Delta R.T. 0.006 min
Lab File: VN074436.D
Acq: 13 Sep 2022 16:27

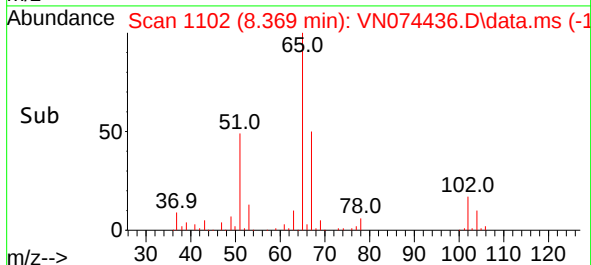
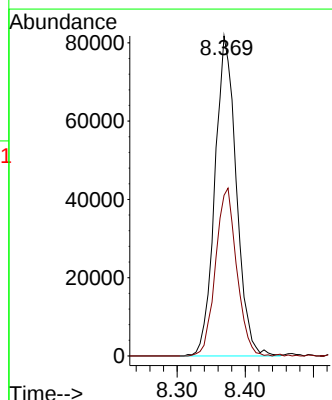
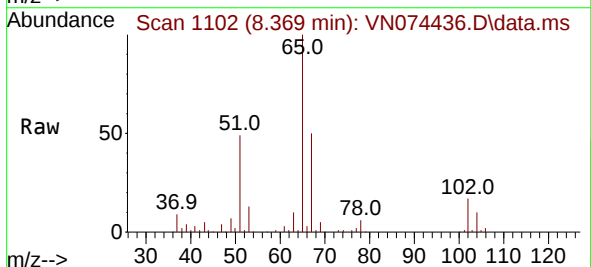
Instrument :
MSVOA_N
ClientSampleId :
AUD-1665

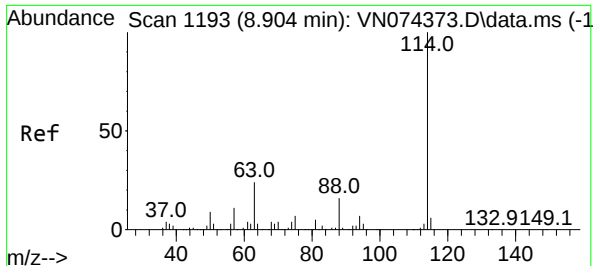
Tgt Ion: 43 Resp: 53143
Ion Ratio Lower Upper
43 100
58 21.7 22.7 34.1#



#33
1,2-Dichloroethane-d4
Concen: 49.566 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN074436.D
Acq: 13 Sep 2022 16:27

Tgt Ion: 65 Resp: 179108
Ion Ratio Lower Upper
65 100
67 51.7 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: VN074436.D

Acq: 13 Sep 2022 16:27

Instrument :

MSVOA_N

ClientSampleId :

AUD-1665

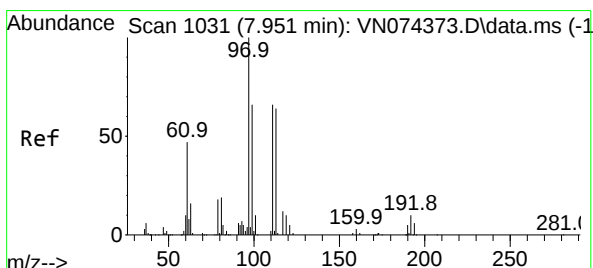
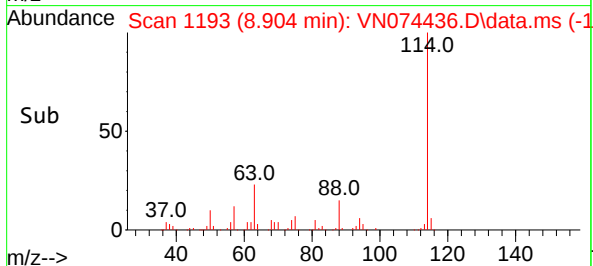
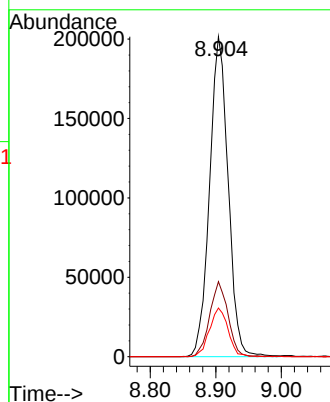
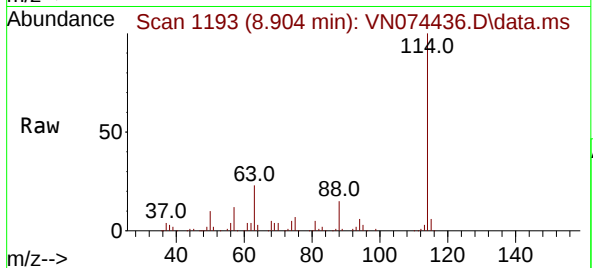
Tgt Ion:114 Resp: 396866

Ion Ratio Lower Upper

114 100

63 23.5 0.0 47.6

88 15.2 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.448 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074436.D

Acq: 13 Sep 2022 16:27

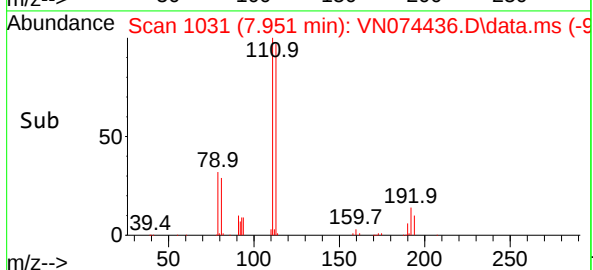
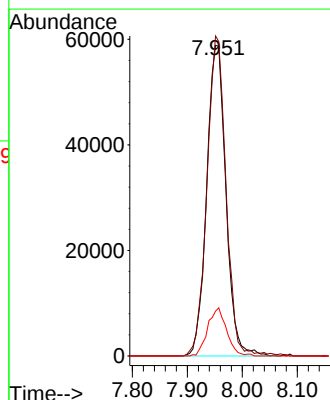
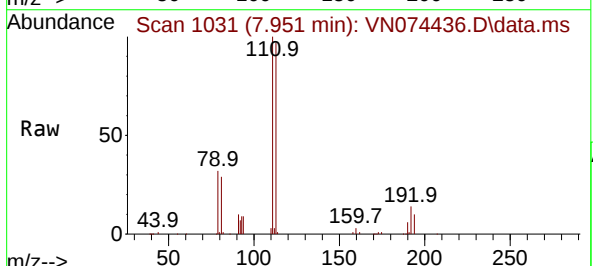
Tgt Ion:113 Resp: 143200

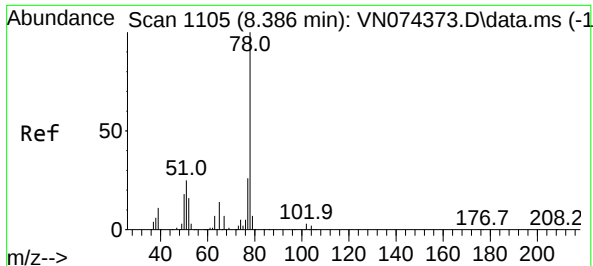
Ion Ratio Lower Upper

113 100

111 102.0 83.0 124.4

192 15.3 13.7 20.5

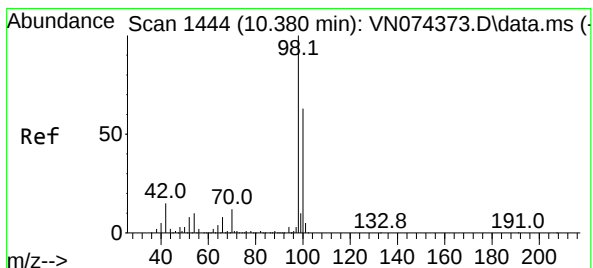
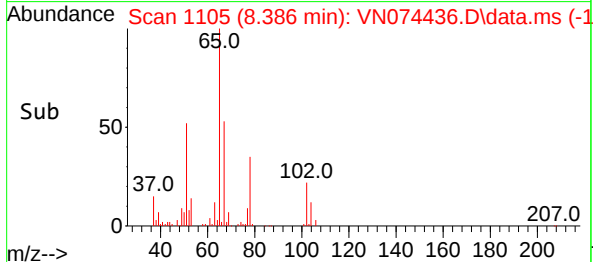
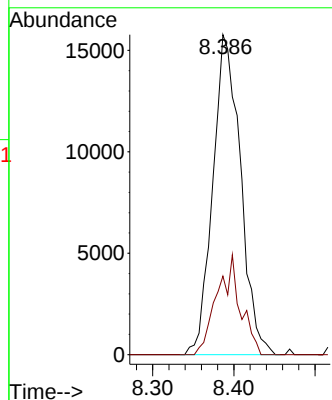
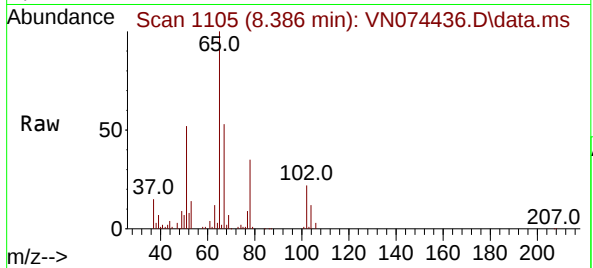




#40
Benzene
Concen: 2.765 ug/l
RT: 8.386 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VN074436.D
Acq: 13 Sep 2022 16:27

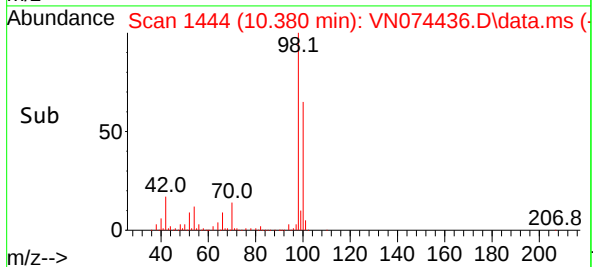
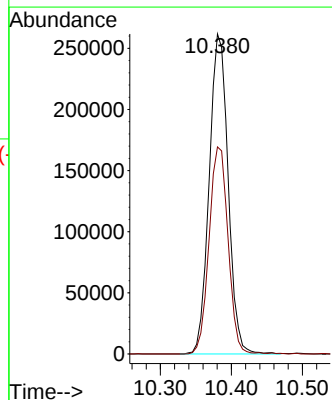
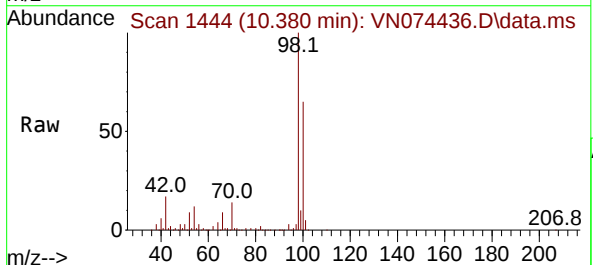
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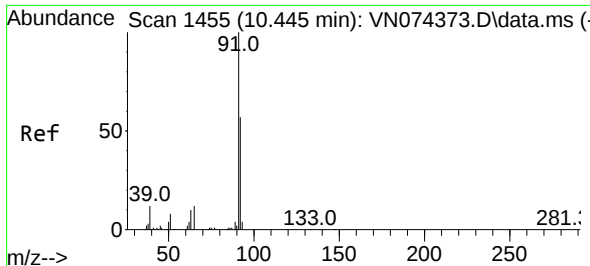
Tgt Ion: 78 Resp: 37366
Ion Ratio Lower Upper
78 100
77 24.6 20.6 31.0



#50
Toluene-d8
Concen: 46.326 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074436.D
Acq: 13 Sep 2022 16:27

Tgt Ion: 98 Resp: 483617
Ion Ratio Lower Upper
98 100
100 64.9 50.6 76.0

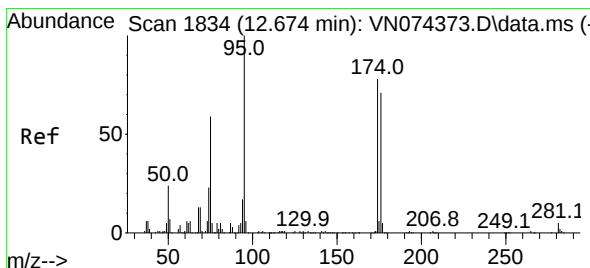
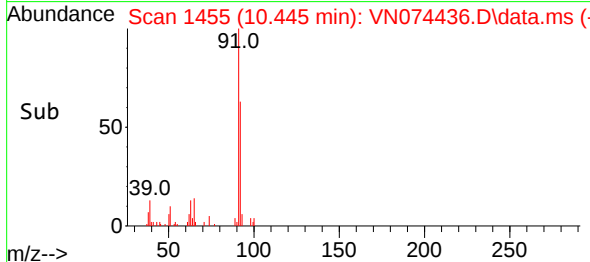
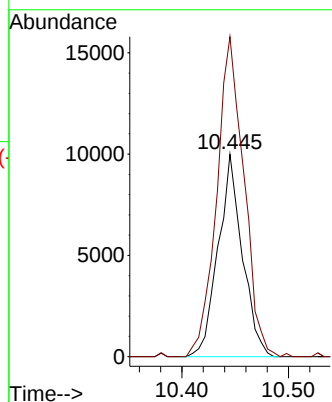
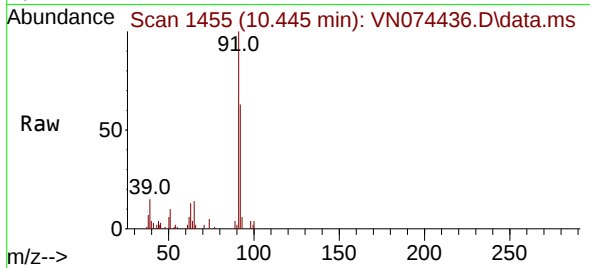




#52
Toluene
Concen: 1.887 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074436.D
Acq: 13 Sep 2022 16:27

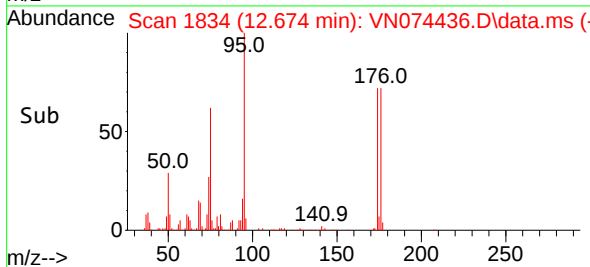
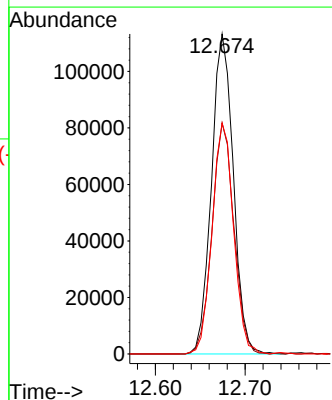
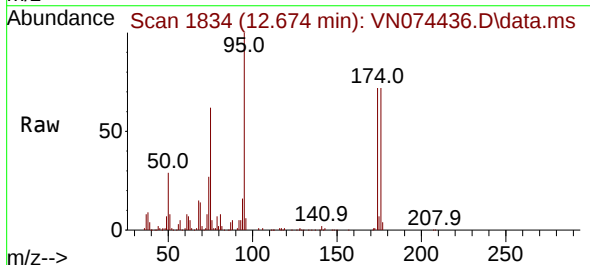
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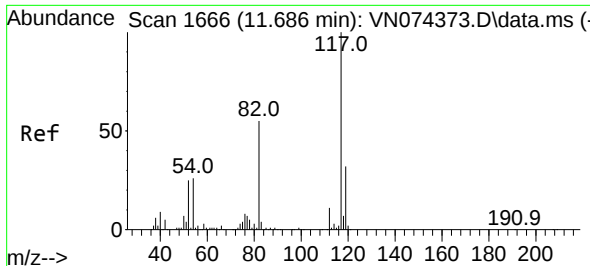
Tgt Ion: 92 Resp: 15771
Ion Ratio Lower Upper
92 100
91 177.8 139.8 209.6



#62
4-Bromofluorobenzene
Concen: 50.479 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074436.D
Acq: 13 Sep 2022 16:27

Tgt Ion: 95 Resp: 191325
Ion Ratio Lower Upper
95 100
174 72.5 0.0 150.6
176 71.0 0.0 143.4

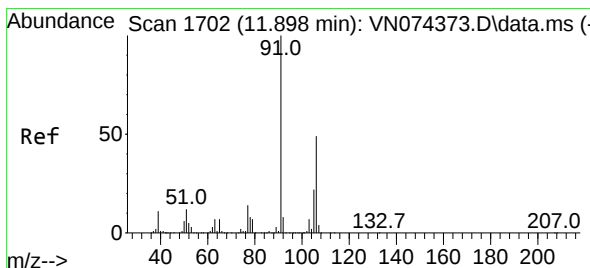
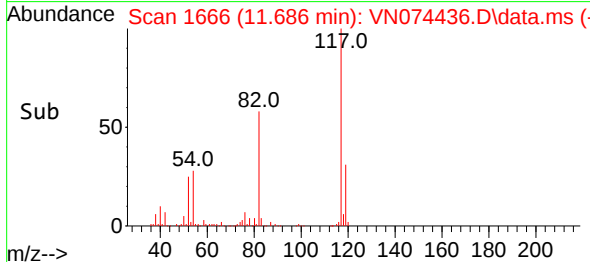
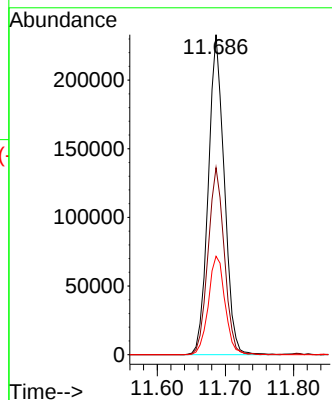
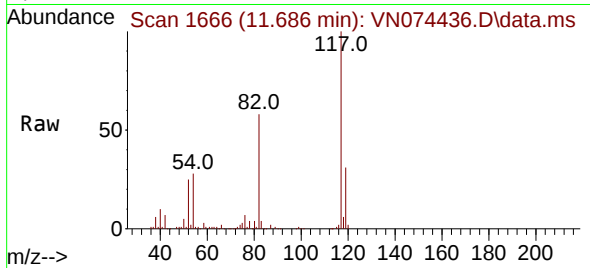




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN074436.D
Acq: 13 Sep 2022 16:27

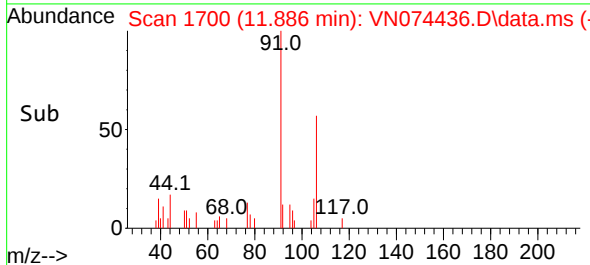
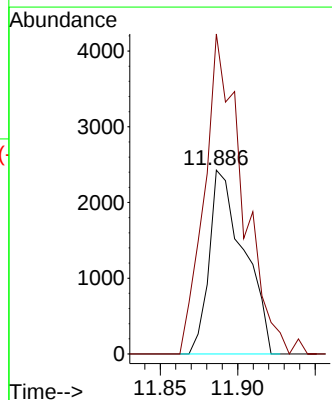
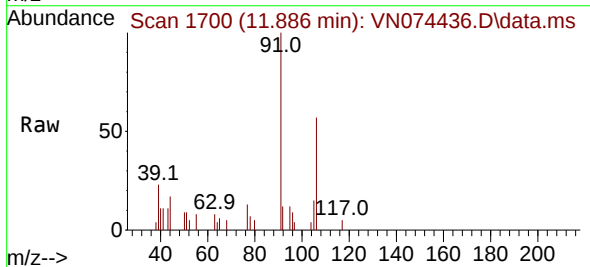
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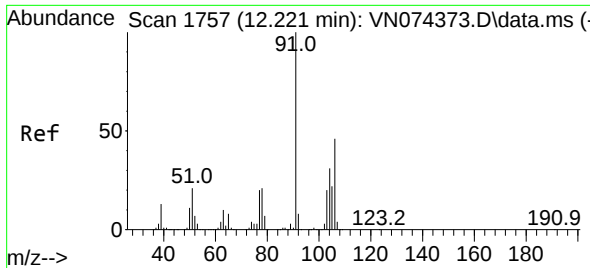
Tgt Ion:117 Resp: 380499
Ion Ratio Lower Upper
117 100
82 58.4 44.3 66.5
119 30.7 25.5 38.3



#68
m/p-Xylenes
Concen: 0.580 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. -0.012 min
Lab File: VN074436.D
Acq: 13 Sep 2022 16:27

Tgt Ion:106 Resp: 3777
Ion Ratio Lower Upper
106 100
91 192.7 167.7 251.5

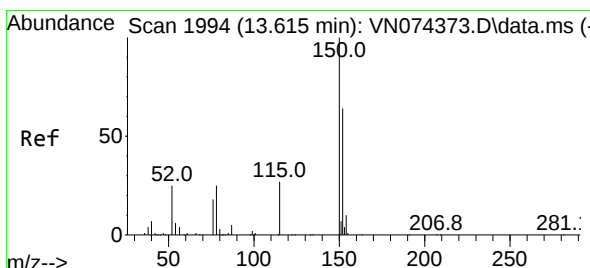
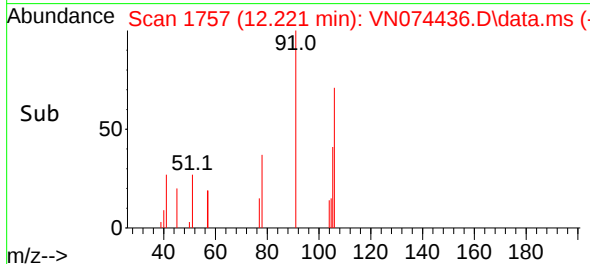
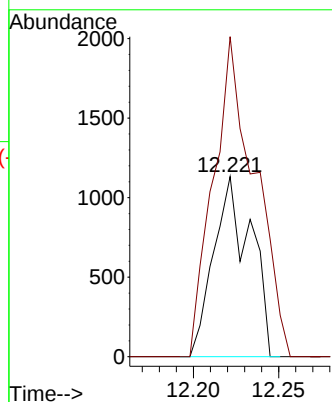
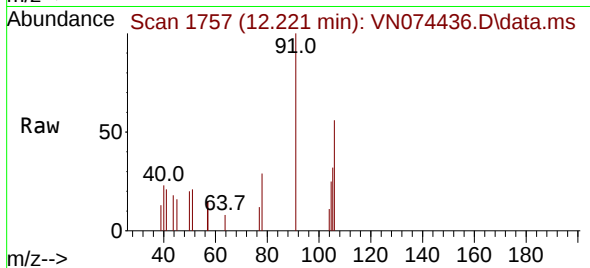




#69
o-Xylene
Concen: 0.261 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN074436.D
Acq: 13 Sep 2022 16:27

Instrument :
MSVOA_N
ClientSampleId :
AUD-1665

Tgt Ion:106 Resp: 1709
Ion Ratio Lower Upper
106 100
91 199.4 109.4 328.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074436.D
Acq: 13 Sep 2022 16:27

Tgt Ion:152 Resp: 165814
Ion Ratio Lower Upper
152 100
115 62.7 32.0 96.0
150 161.0 0.0 359.6

