

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091322\
 Data File : VN074435.D
 Acq On : 13 Sep 2022 16:02
 Operator : JC\MD
 Sample : N4588-05 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1667

Quant Time: Sep 13 17:18:02 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	205713	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	378147	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	369886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.622	152	163471	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	171875	48.291	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.580%
35) Dibromofluoromethane	7.951	113	138000	54.057	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.120%
50) Toluene-d8	10.381	98	466824	46.931	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.860%
62) 4-Bromofluorobenzene	12.675	95	182957	50.660	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.320%

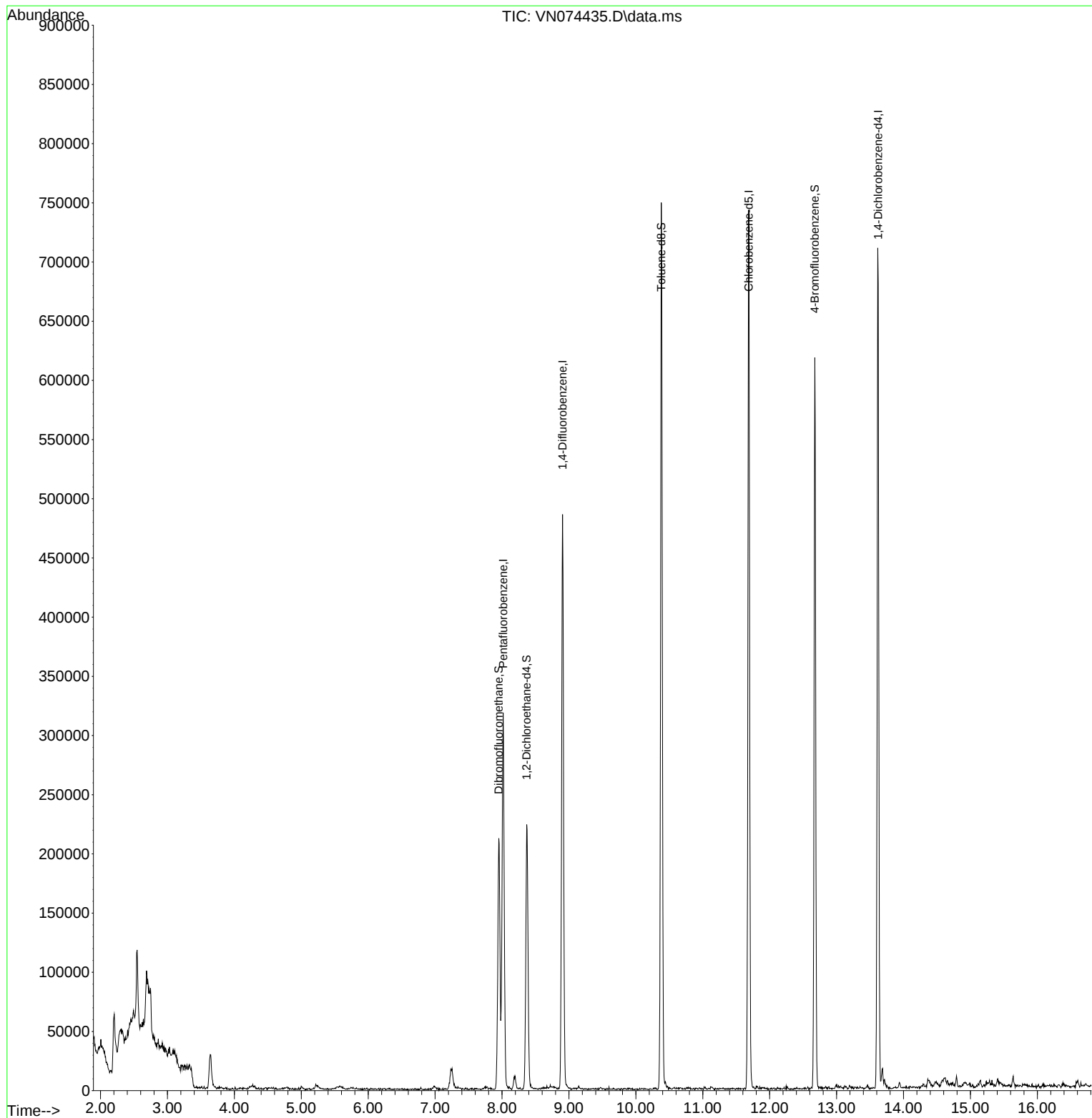
Target Compounds	Qvalue

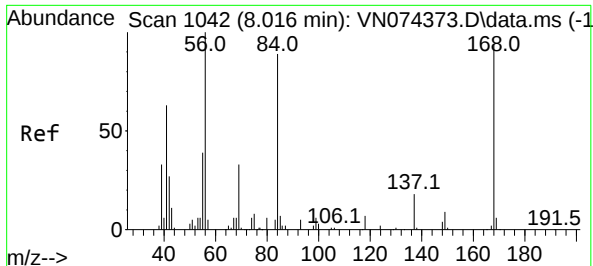
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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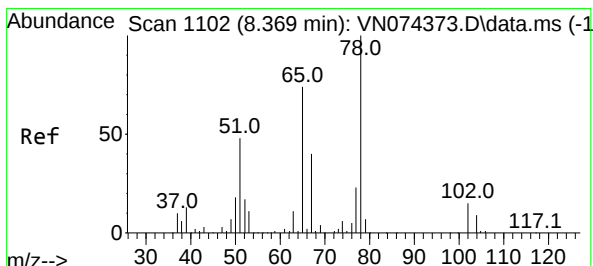
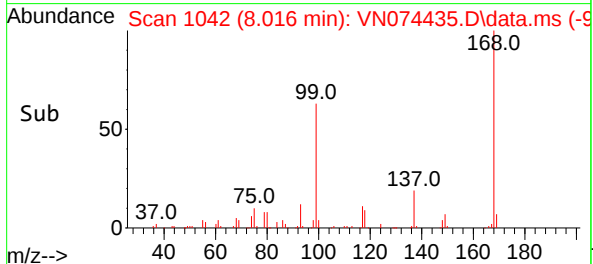
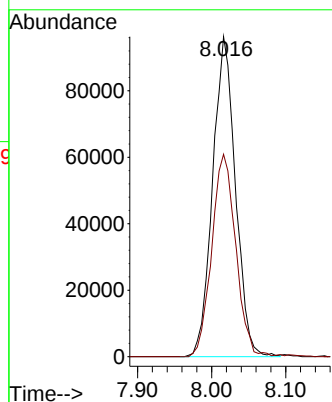
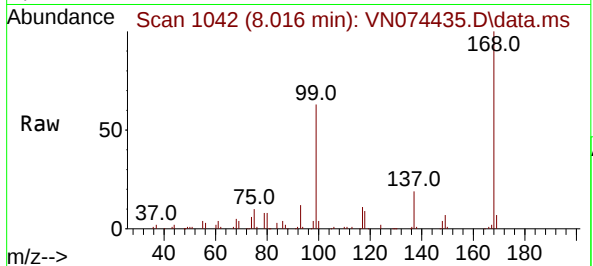




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN074435.D
Acq: 13 Sep 2022 16:02

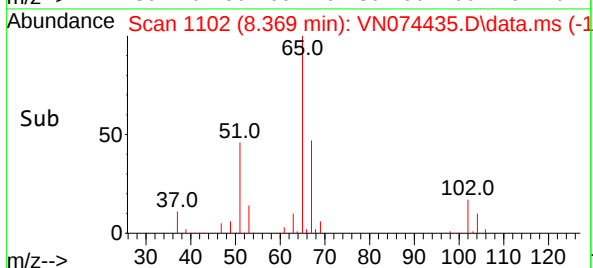
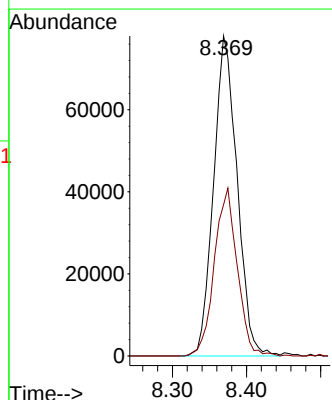
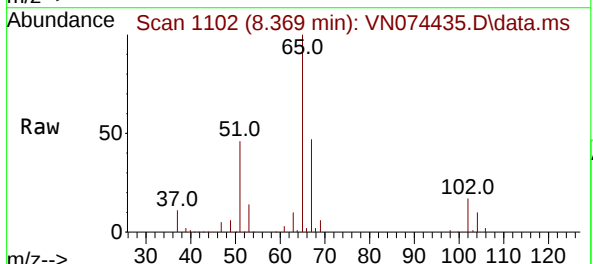
Instrument :
MSVOA_N
ClientSampleId :
AUD-1667

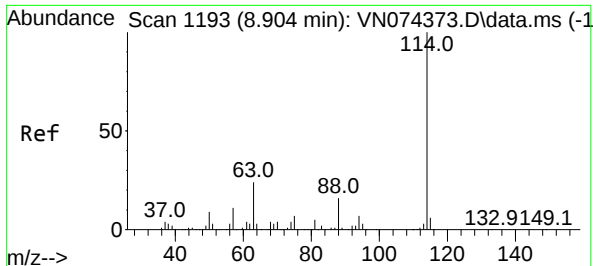
Tgt Ion:168 Resp: 205713
Ion Ratio Lower Upper
168 100
99 63.2 52.8 79.2



#33
1,2-Dichloroethane-d4
Concen: 48.291 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN074435.D
Acq: 13 Sep 2022 16:02

Tgt Ion: 65 Resp: 171875
Ion Ratio Lower Upper
65 100
67 51.2 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: VN074435.D

Acq: 13 Sep 2022 16:02

Instrument :

MSVOA_N

ClientSampleId :

AUD-1667

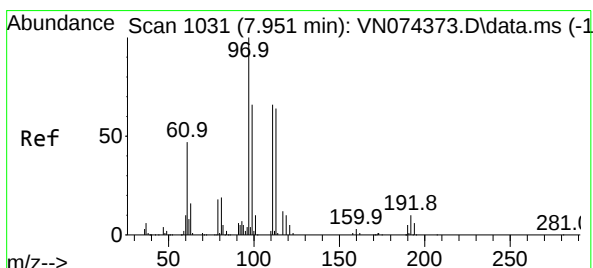
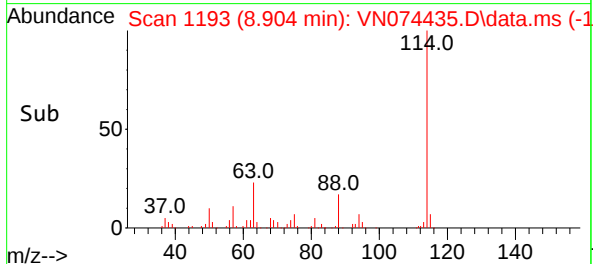
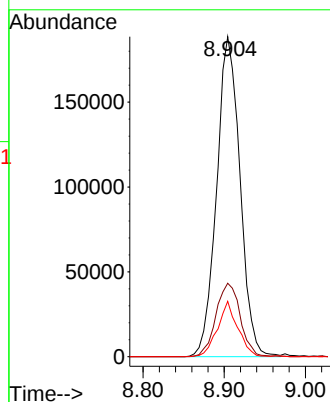
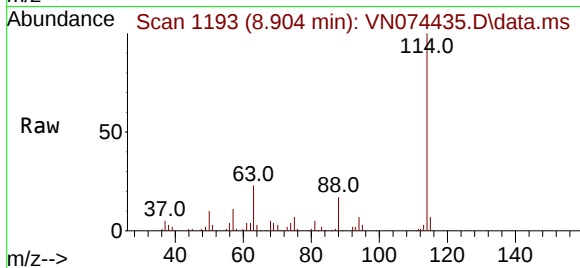
Tgt Ion:114 Resp: 378147

Ion Ratio Lower Upper

114 100

63 22.9 0.0 47.6

88 17.3 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.057 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074435.D

Acq: 13 Sep 2022 16:02

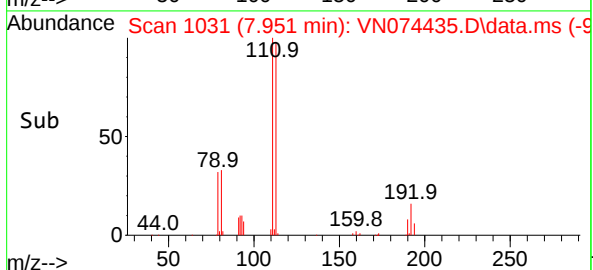
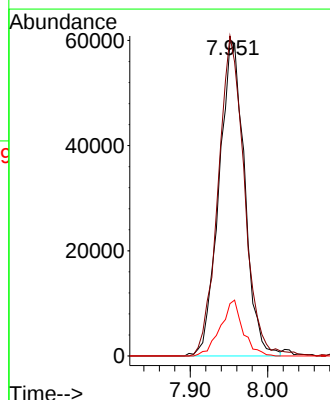
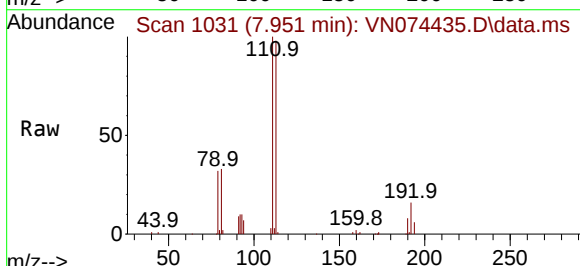
Tgt Ion:113 Resp: 138000

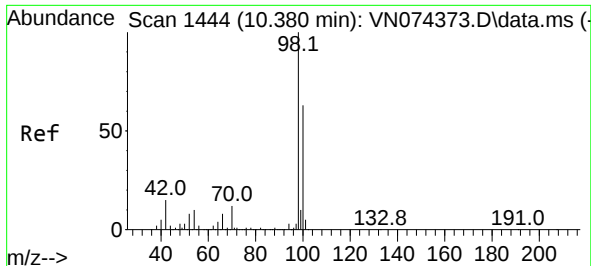
Ion Ratio Lower Upper

113 100

111 103.7 83.0 124.4

192 15.6 13.7 20.5

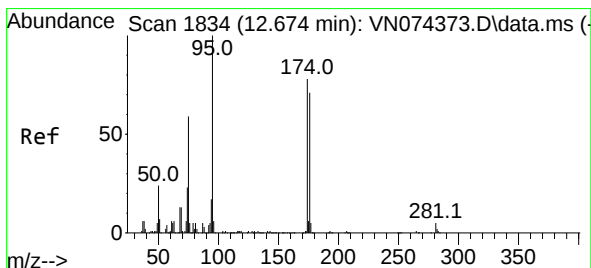
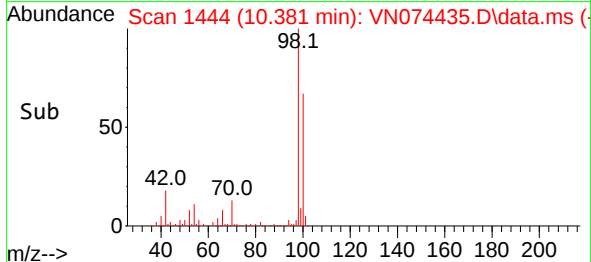
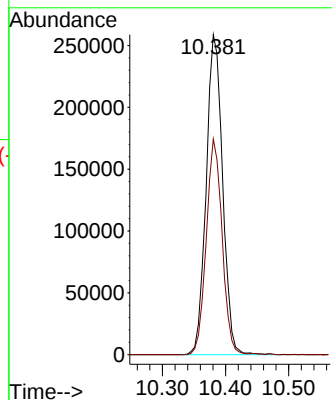
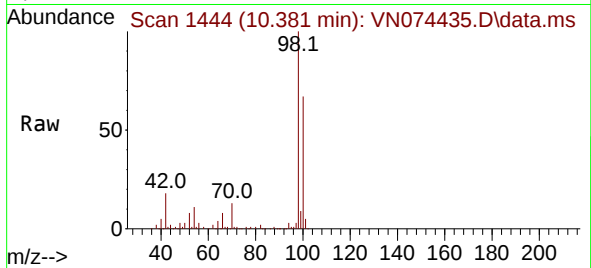




#50
Toluene-d8
Concen: 46.931 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074435.D
Acq: 13 Sep 2022 16:02

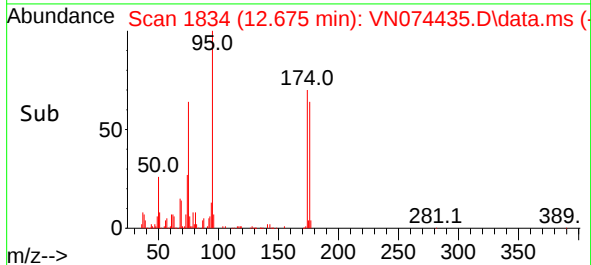
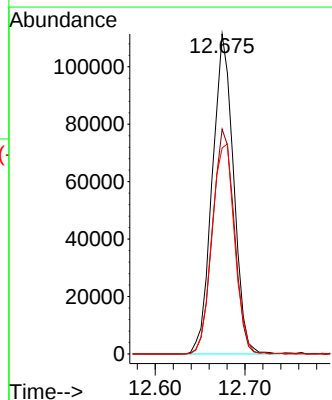
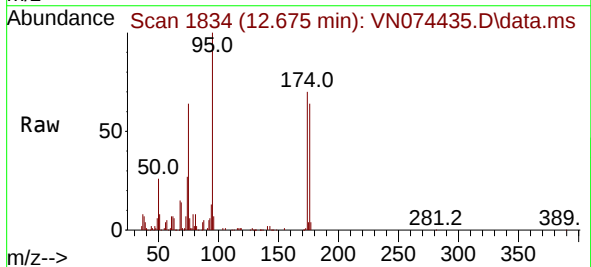
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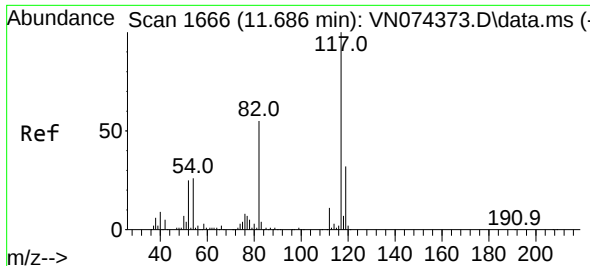
Tgt Ion: 98 Resp: 466824
Ion Ratio Lower Upper
98 100
100 65.1 50.6 76.0



#62
4-Bromofluorobenzene
Concen: 50.660 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074435.D
Acq: 13 Sep 2022 16:02

Tgt Ion: 95 Resp: 182957
Ion Ratio Lower Upper
95 100
174 72.0 0.0 150.6
176 70.4 0.0 143.4

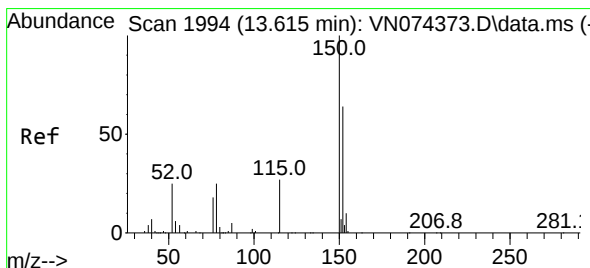
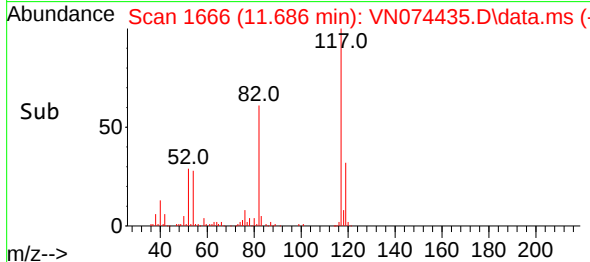
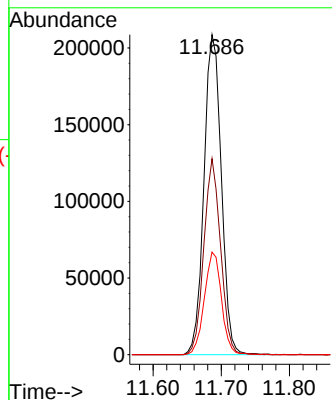
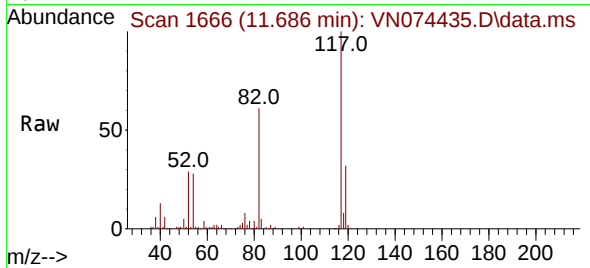




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN074435.D
Acq: 13 Sep 2022 16:02

Instrument :
MSVOA_N
ClientSampleId :
AUD-1667

Tgt Ion:117 Resp: 369886
Ion Ratio Lower Upper
117 100
82 61.3 44.3 66.5
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.622 min Scan# 1995
Delta R.T. 0.007 min
Lab File: VN074435.D
Acq: 13 Sep 2022 16:02

Tgt Ion:152 Resp: 163471
Ion Ratio Lower Upper
152 100
115 60.1 32.0 96.0
150 158.4 0.0 359.6

