

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093022\
 Data File : VN074668.D
 Acq On : 30 Sep 2022 15:40
 Operator : JC\MD
 Sample : N4913-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-092922

Quant Time: Oct 03 02:06:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092922W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 30 07:44:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.933	168	615240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.827	114	1186785	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.616	117	1237327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.545	152	580828	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.286	65	772621	50.107	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.220%
35) Dibromofluoromethane	7.869	113	629975	50.151	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.300%
50) Toluene-d8	10.310	98	2419281	45.787	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.580%
62) 4-Bromofluorobenzene	12.610	95	820345	48.963	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.920%

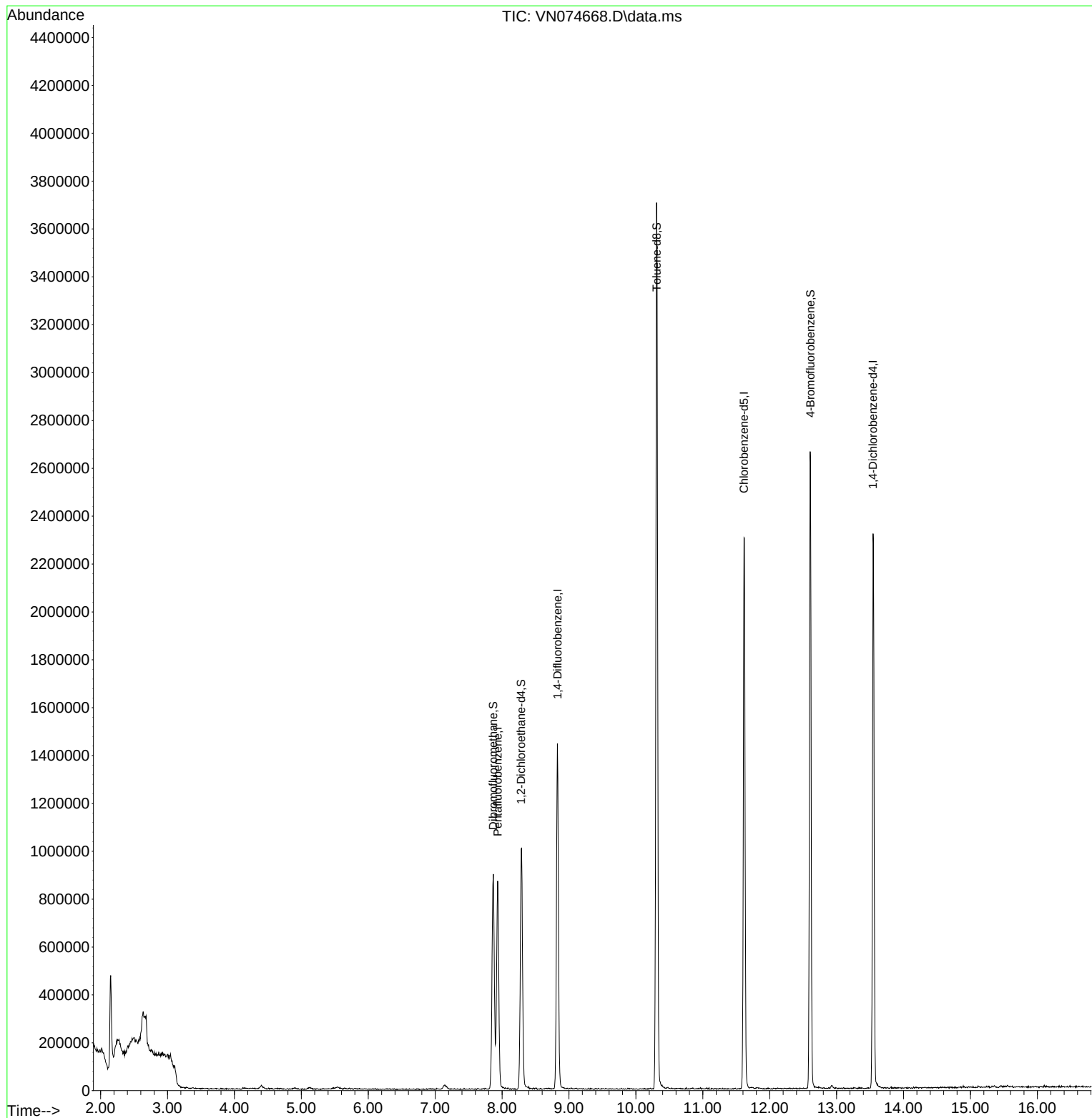
Target Compounds	Qvalue

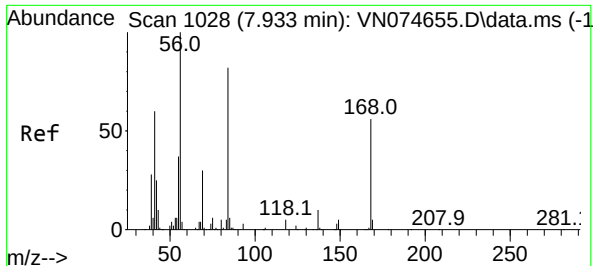
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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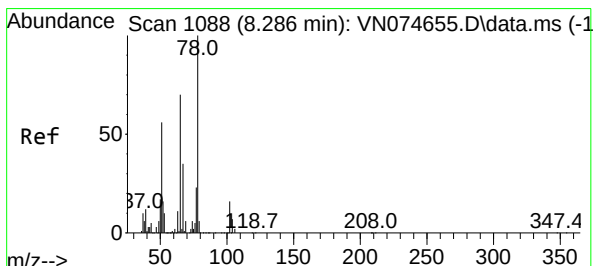
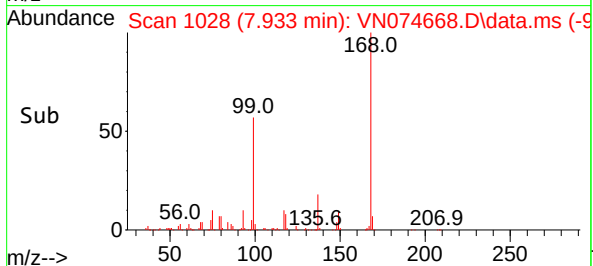
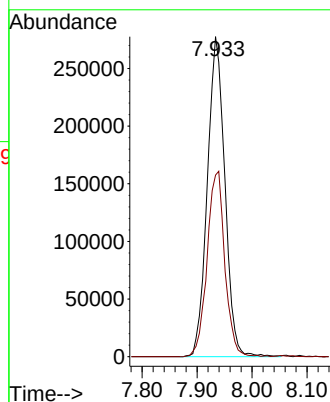
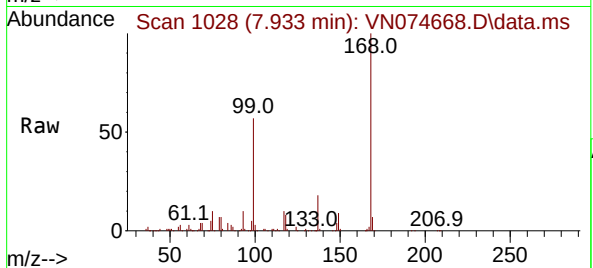




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.933 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VN074668.D
Acq: 30 Sep 2022 15:40

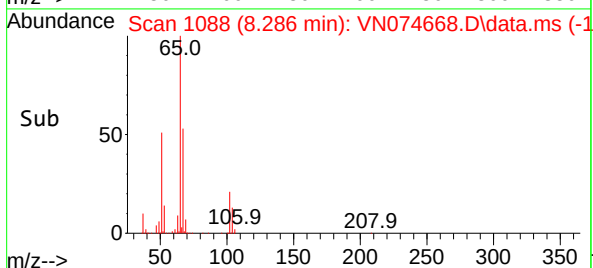
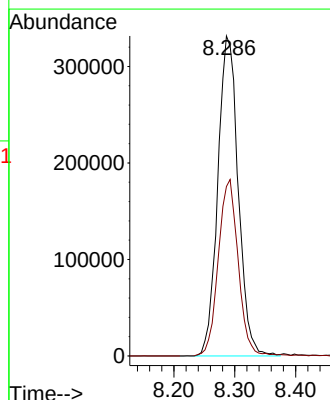
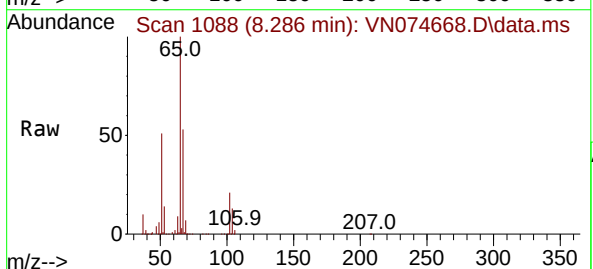
Instrument :
MSVOA_N
ClientSampleId :
TB-01-092922

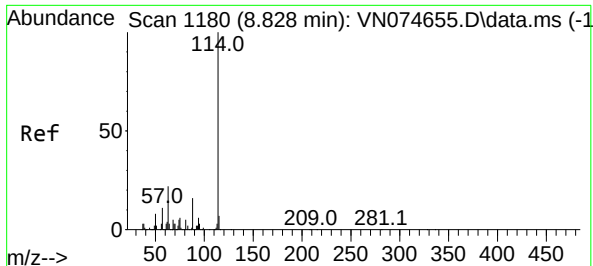
Tgt Ion:168 Resp: 615240
Ion Ratio Lower Upper
168 100
99 56.8 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 50.107 ug/l
RT: 8.286 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN074668.D
Acq: 30 Sep 2022 15:40

Tgt Ion: 65 Resp: 772621
Ion Ratio Lower Upper
65 100
67 53.7 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.827 min Scan# 1180

Delta R.T. -0.001 min

Lab File: VN074668.D

Acq: 30 Sep 2022 15:40

Instrument :

MSVOA_N

ClientSampleId :

TB-01-092922

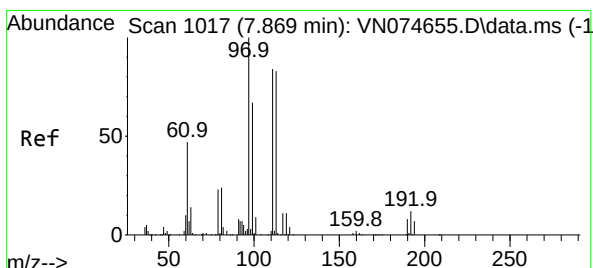
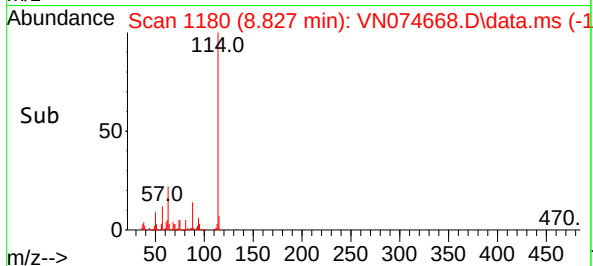
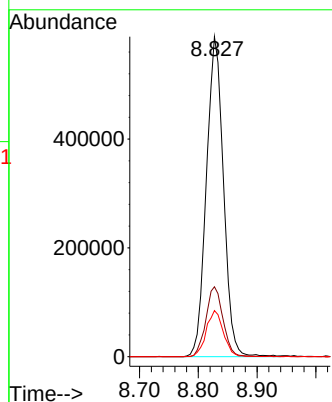
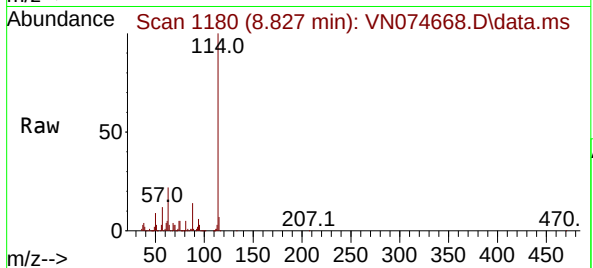
Tgt Ion:114 Resp: 1186785

Ion Ratio Lower Upper

114 100

63 21.9 0.0 40.0

88 14.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.151 ug/l

RT: 7.869 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VN074668.D

Acq: 30 Sep 2022 15:40

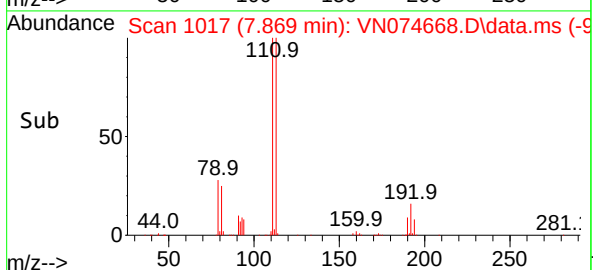
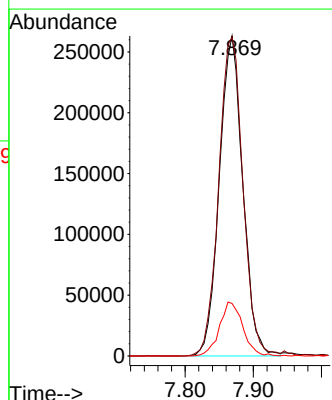
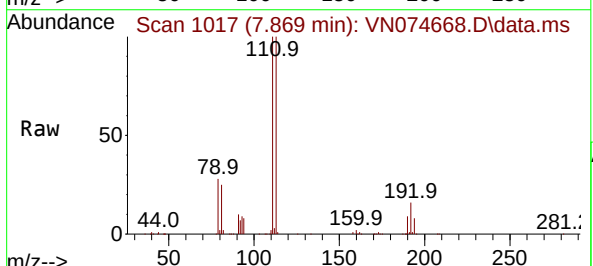
Tgt Ion:113 Resp: 629975

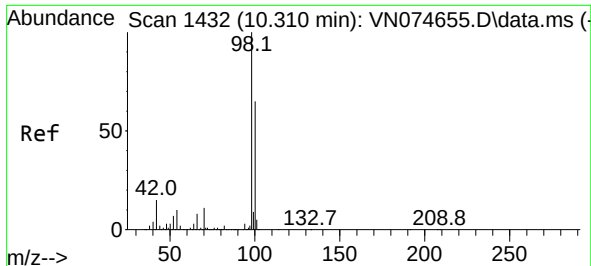
Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

192 16.8 17.0 25.6#

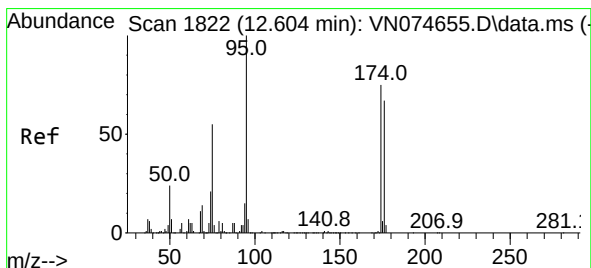
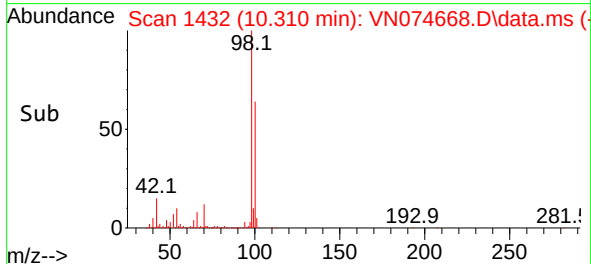
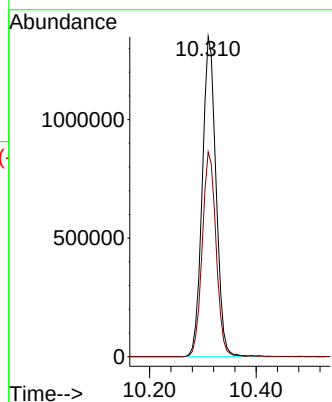
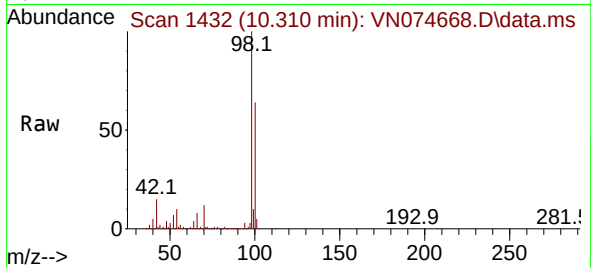




#50
Toluene-d8
Concen: 45.787 ug/l
RT: 10.310 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VN074668.D
Acq: 30 Sep 2022 15:40

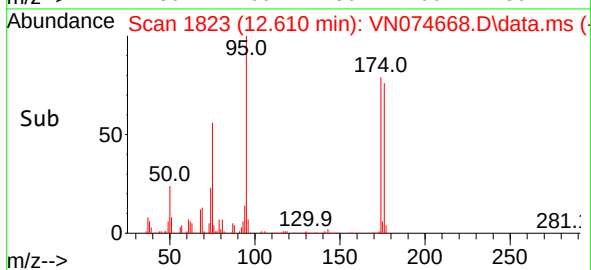
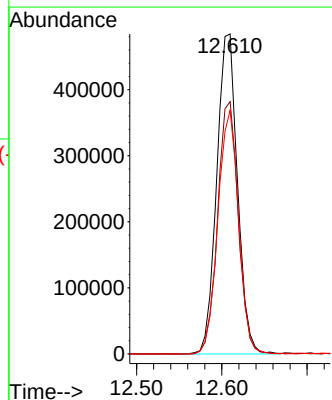
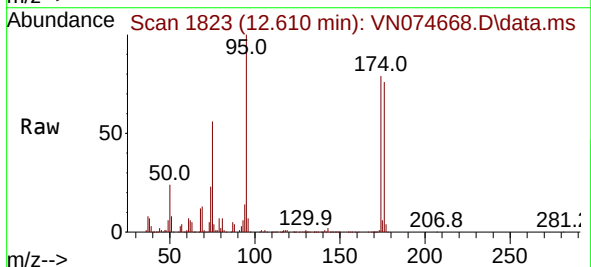
Instrument :
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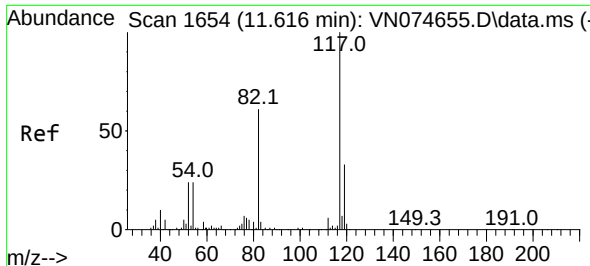
Tgt Ion: 98 Resp: 2419281
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.963 ug/l
RT: 12.610 min Scan# 1823
Delta R.T. 0.006 min
Lab File: VN074668.D
Acq: 30 Sep 2022 15:40

Tgt Ion: 95 Resp: 820345
Ion Ratio Lower Upper
95 100
174 78.4 0.0 167.6
176 75.9 0.0 163.4

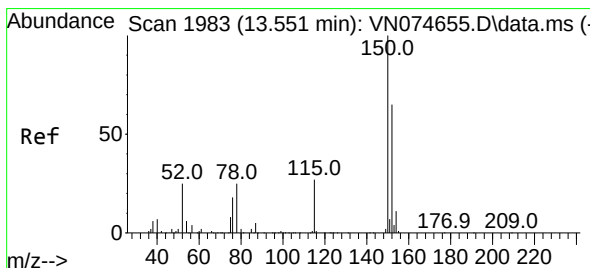
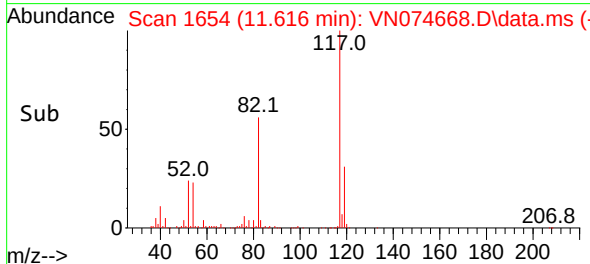
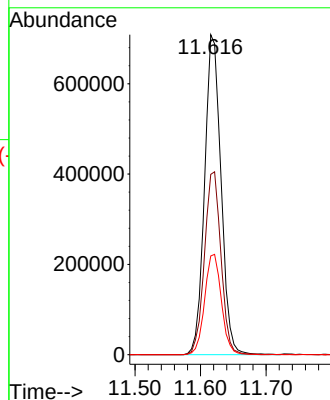
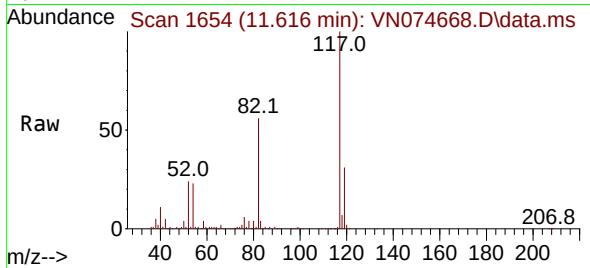




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074668.D
Acq: 30 Sep 2022 15:40

Instrument :
MSVOA_N
ClientSampleId :
TB-01-092922

Tgt Ion:117 Resp: 1237327
Ion Ratio Lower Upper
117 100
82 56.3 44.2 66.2
119 30.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.545 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VN074668.D
Acq: 30 Sep 2022 15:40

Tgt Ion:152 Resp: 580828
Ion Ratio Lower Upper
152 100
115 60.8 28.9 86.7
150 155.9 0.0 356.2

