

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093022\
 Data File : VN074686.D
 Acq On : 01 Oct 2022 03:35
 Operator : JC\MD
 Sample : N4944-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-093022

Quant Time: Oct 03 02:10:59 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	486262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.828	114	933674	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.621	117	940337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.551	152	411665	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.286	65	649968	53.334	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.660%
35) Dibromofluoromethane	7.869	113	515164	52.129	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.260%
50) Toluene-d8	10.316	98	1989970	47.872	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.740%
62) 4-Bromofluorobenzene	12.610	95	637223	48.344	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.680%

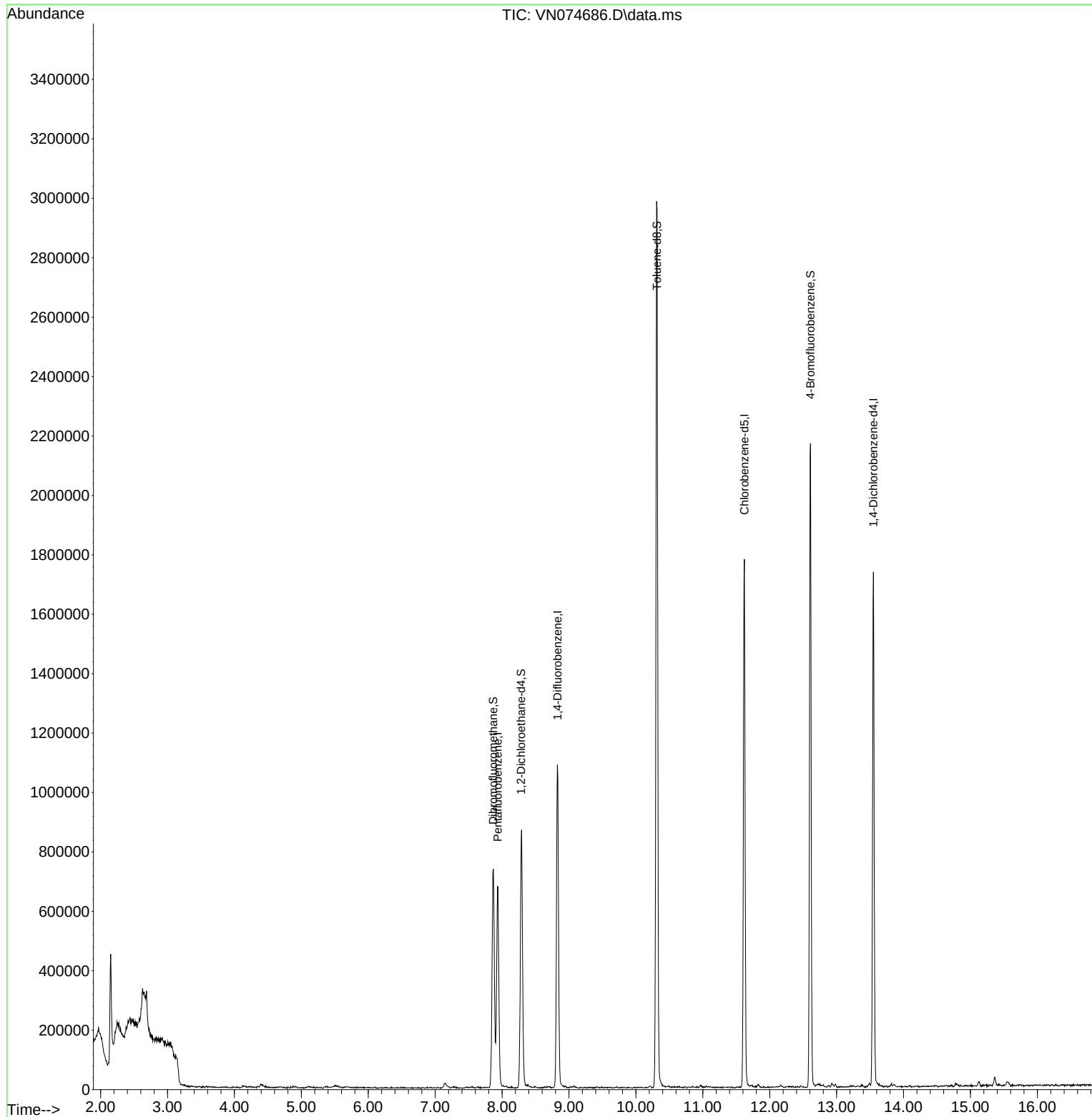
Target Compounds	Qvalue

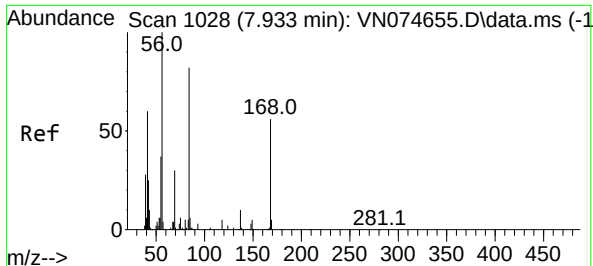
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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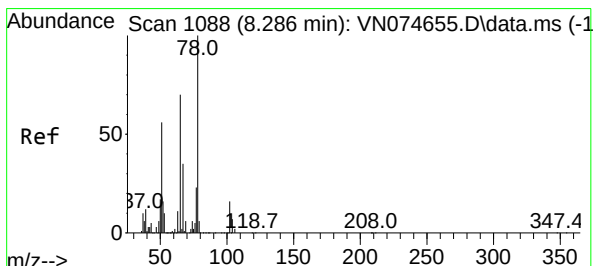
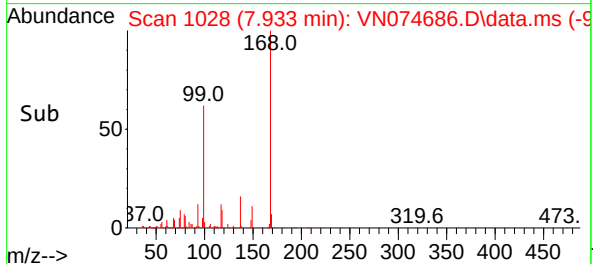
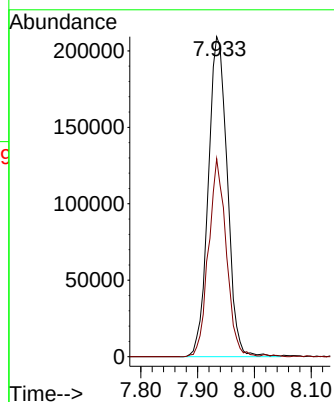
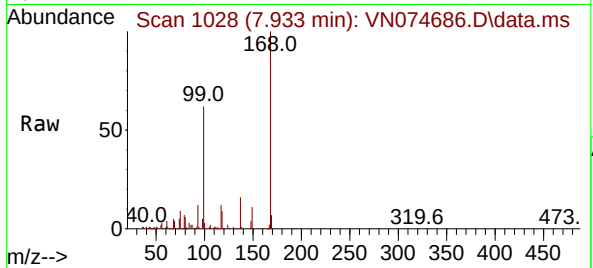




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.933 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VN074686.D
Acq: 01 Oct 2022 03:35

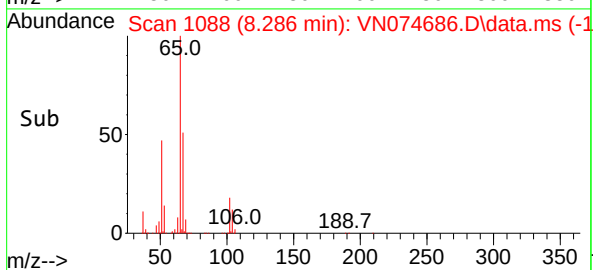
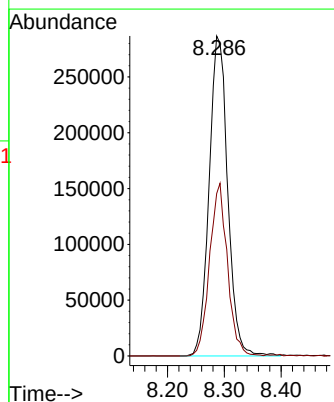
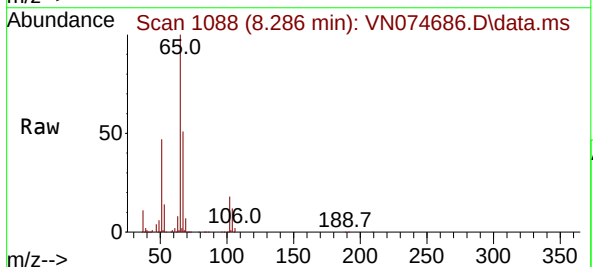
Instrument :
MSVOA_N
ClientSampleId :
TB-01-093022

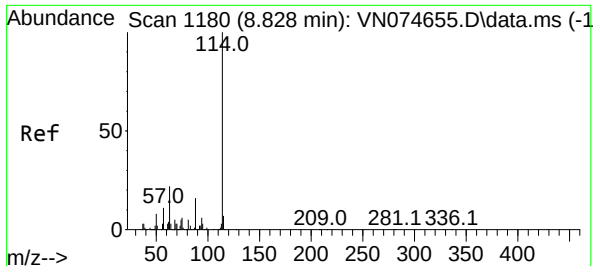
Tgt Ion:168 Resp: 486262
Ion Ratio Lower Upper
168 100
99 61.9 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 53.334 ug/l
RT: 8.286 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN074686.D
Acq: 01 Oct 2022 03:35

Tgt Ion: 65 Resp: 649968
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.828 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VN074686.D

Acq: 01 Oct 2022 03:35

Instrument :

MSVOA_N

ClientSampleId :

TB-01-093022

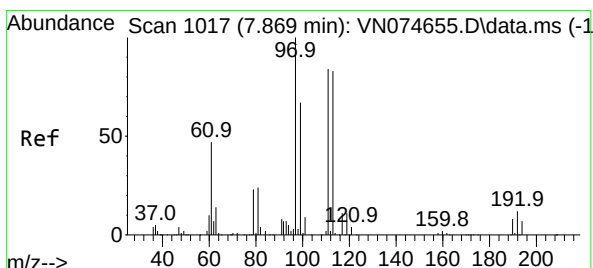
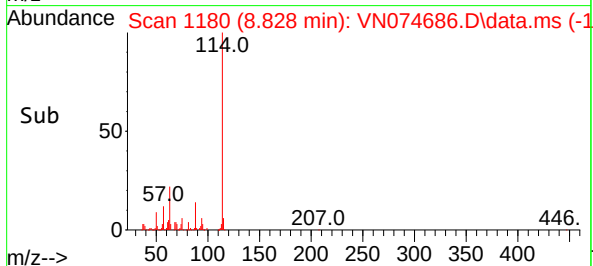
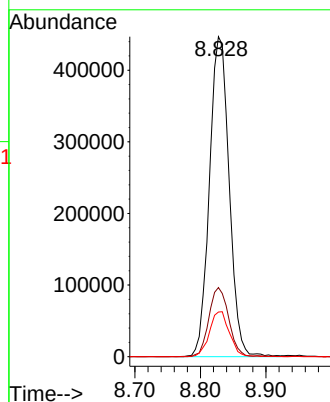
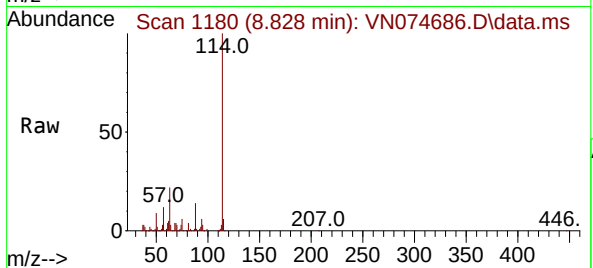
Tgt Ion:114 Resp: 933674

Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.0

88 13.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.129 ug/l

RT: 7.869 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VN074686.D

Acq: 01 Oct 2022 03:35

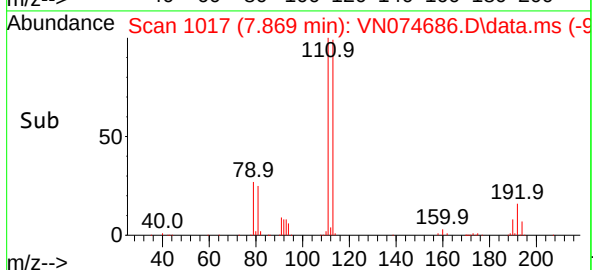
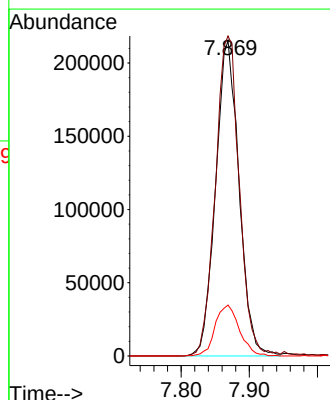
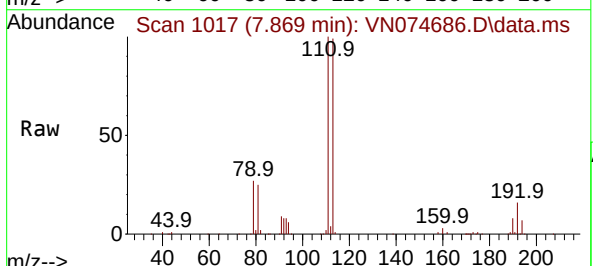
Tgt Ion:113 Resp: 515164

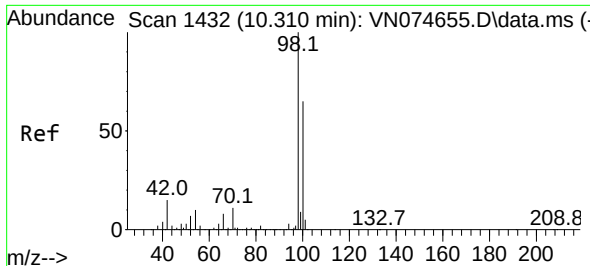
Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.0

192 16.7 17.0 25.6#

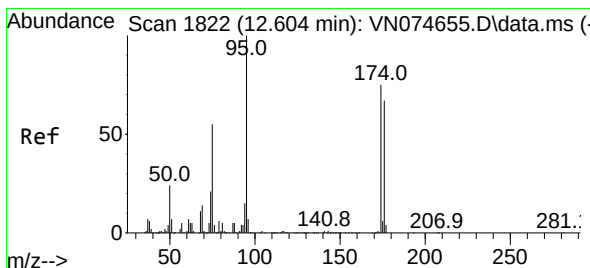
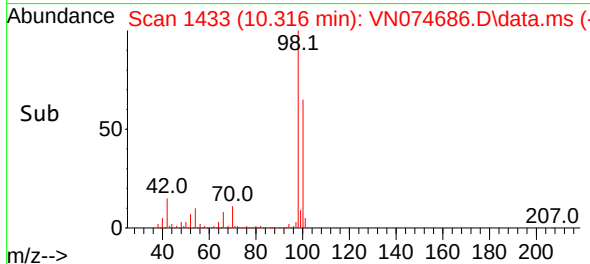
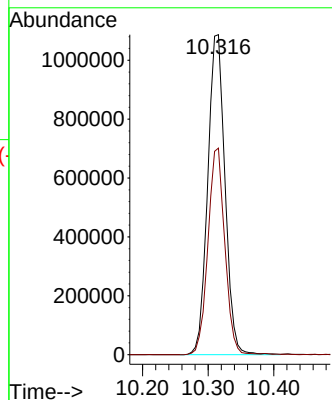
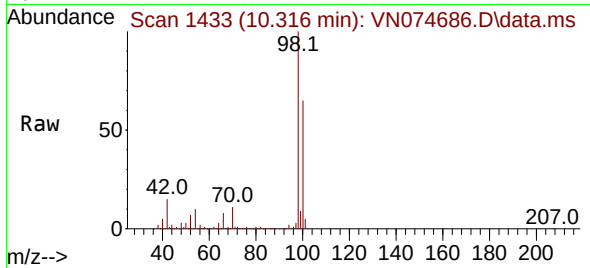




#50
Toluene-d8
Concen: 47.872 ug/l
RT: 10.316 min Scan# 1433
Delta R.T. 0.006 min
Lab File: VN074686.D
Acq: 01 Oct 2022 03:35

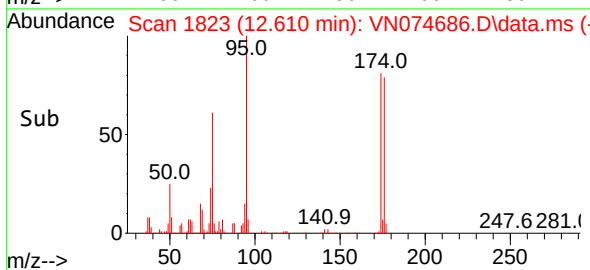
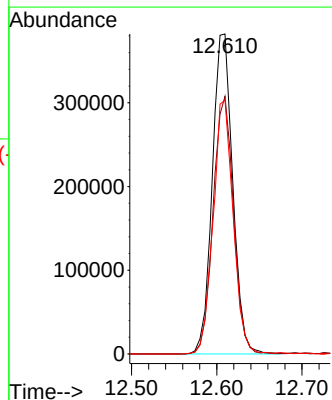
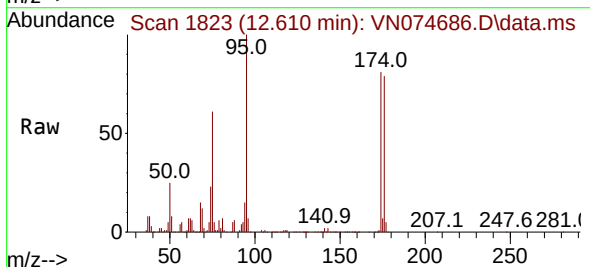
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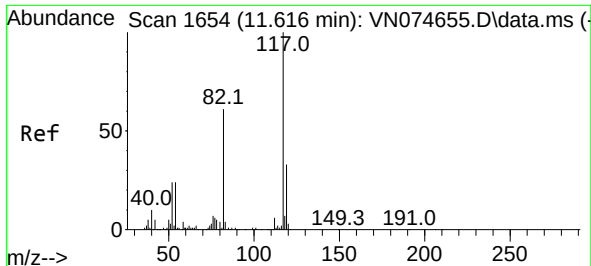
Tgt Ion: 98 Resp: 1989970
Ion Ratio Lower Upper
98 100
100 62.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.344 ug/l
RT: 12.610 min Scan# 1823
Delta R.T. 0.006 min
Lab File: VN074686.D
Acq: 01 Oct 2022 03:35

Tgt Ion: 95 Resp: 637223
Ion Ratio Lower Upper
95 100
174 80.6 0.0 167.6
176 78.0 0.0 163.4

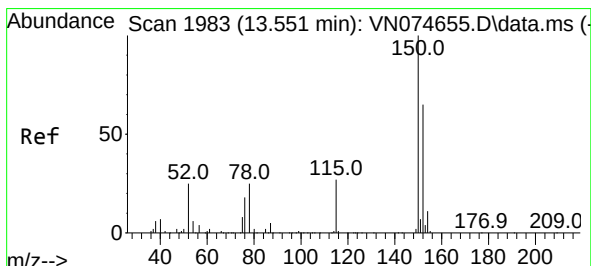
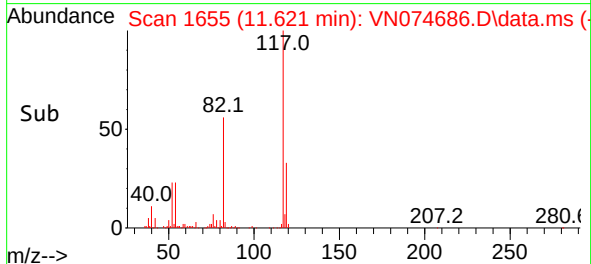
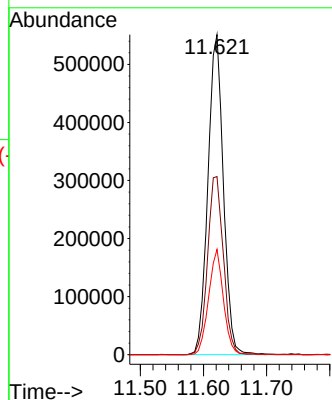
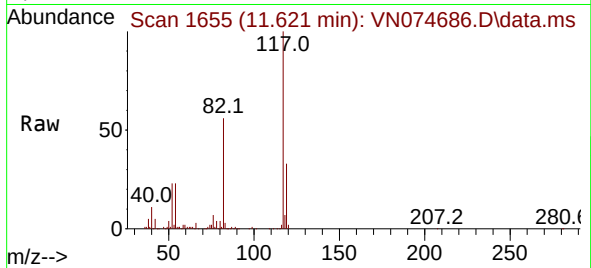




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.621 min Scan# 1655
Delta R.T. 0.005 min
Lab File: VN074686.D
Acq: 01 Oct 2022 03:35

Instrument :
MSVOA_N
ClientSampleId :
TB-01-093022

Tgt Ion:117 Resp: 940337
Ion Ratio Lower Upper
117 100
82 55.7 44.2 66.2
119 32.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN074686.D
Acq: 01 Oct 2022 03:35

Tgt Ion:152 Resp: 411665
Ion Ratio Lower Upper
152 100
115 59.7 28.9 86.7
150 161.3 0.0 356.2

