

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092122\
 Data File : VN074611.D
 Acq On : 21 Sep 2022 14:13
 Operator : JC\MD
 Sample : N4645-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-2022-09-14

Quant Time: Sep 22 06:57:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.022	168	363485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	703827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	718415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	315061	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	291840	47.320	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.640%
35) Dibromofluoromethane	7.951	113	240683	51.479	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.960%
50) Toluene-d8	10.380	98	872511	48.254	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.500%
62) 4-Bromofluorobenzene	12.674	95	334161	53.959	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.920%

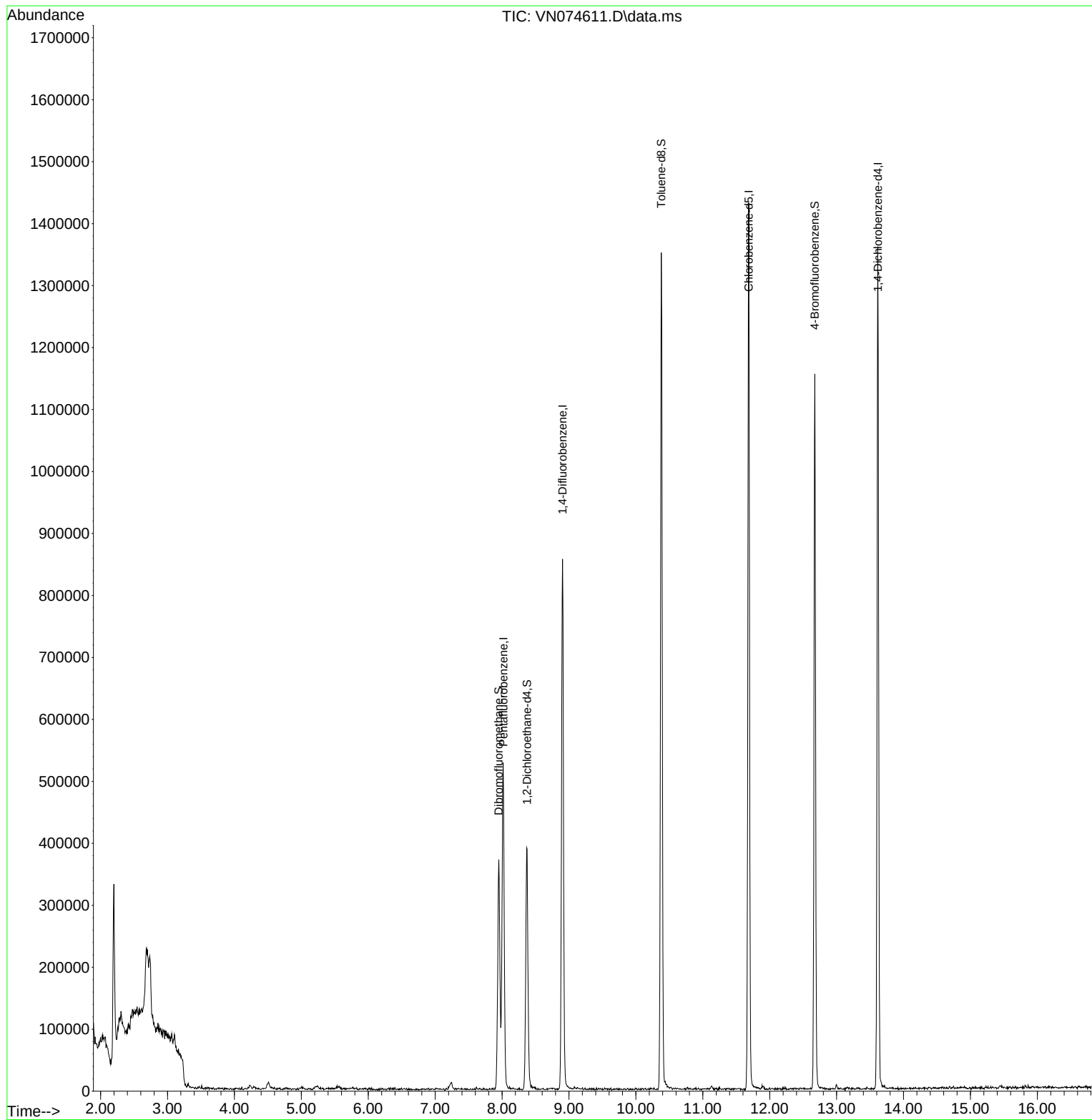
Target Compounds	Qvalue

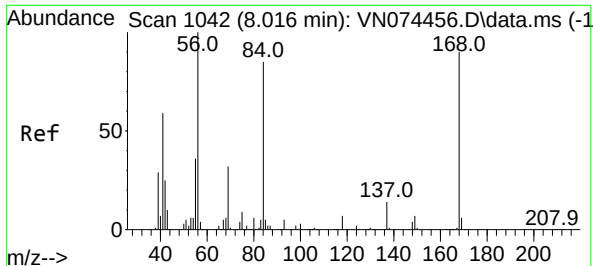
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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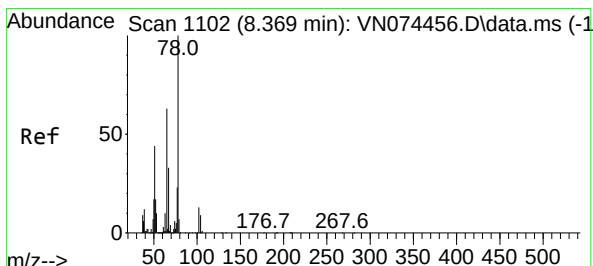
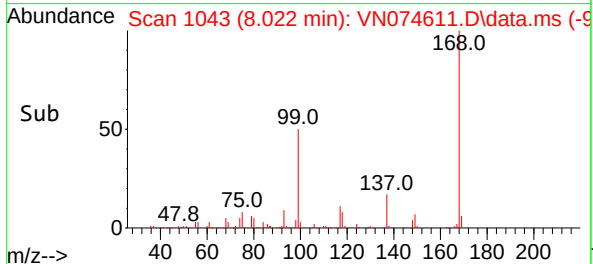
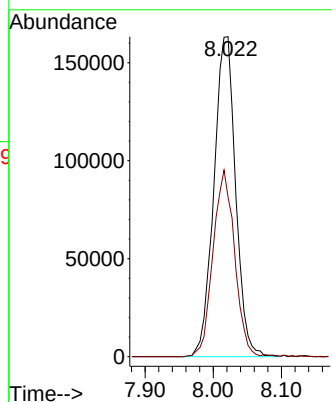
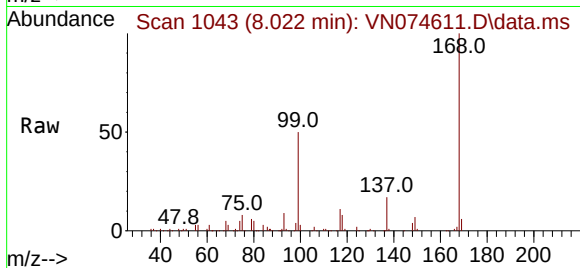




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN074611.D
Acq: 21 Sep 2022 14:13

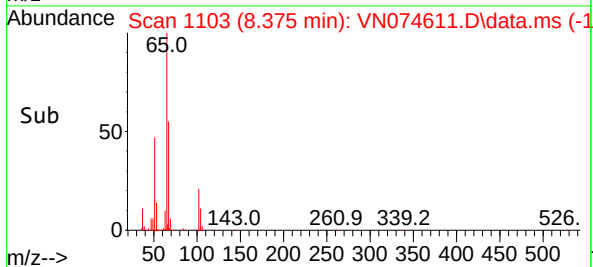
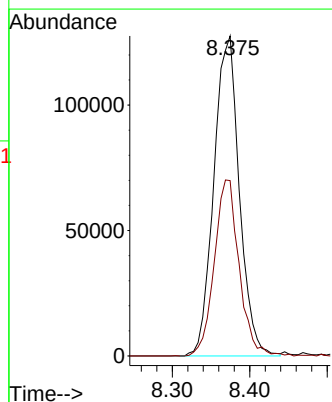
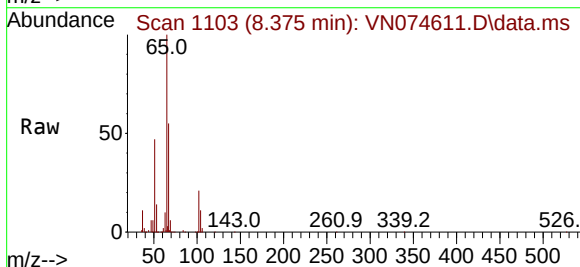
Instrument :
MSVOA_N
ClientSampleId :
TB-2022-09-14

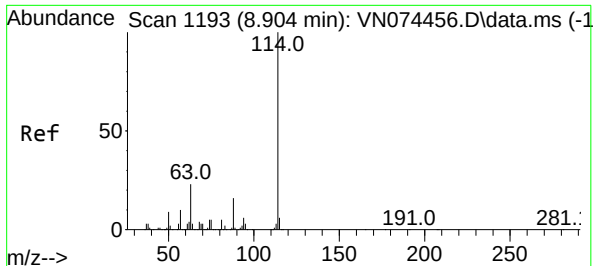
Tgt Ion:168 Resp: 363485
Ion Ratio Lower Upper
168 100
99 49.8 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 47.320 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN074611.D
Acq: 21 Sep 2022 14:13

Tgt Ion: 65 Resp: 291840
Ion Ratio Lower Upper
65 100
67 53.7 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074611.D

Acq: 21 Sep 2022 14:13

Instrument :

MSVOA_N

ClientSampleId :

TB-2022-09-14

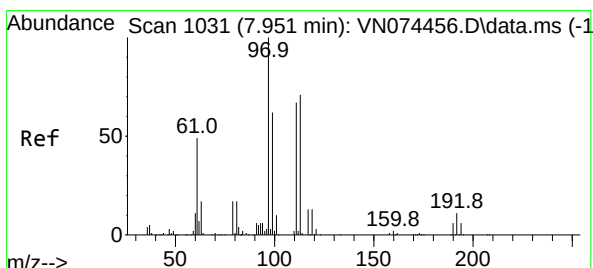
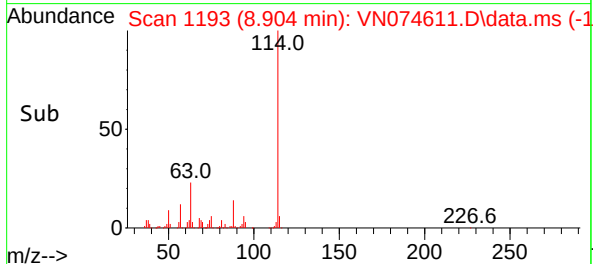
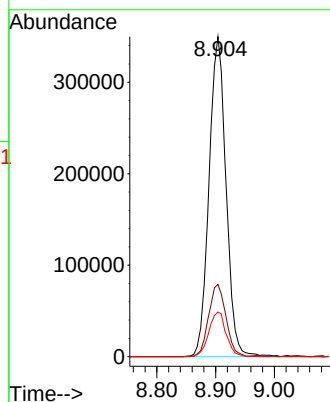
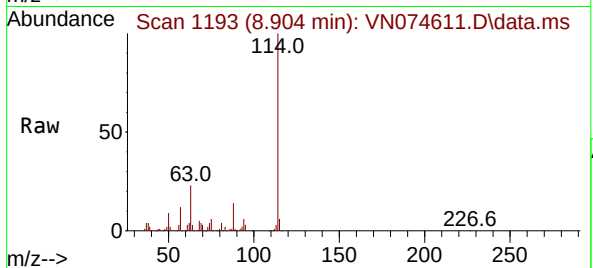
Tgt Ion:114 Resp: 703827

Ion Ratio Lower Upper

114 100

63 22.6 0.0 40.0

88 14.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.479 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074611.D

Acq: 21 Sep 2022 14:13

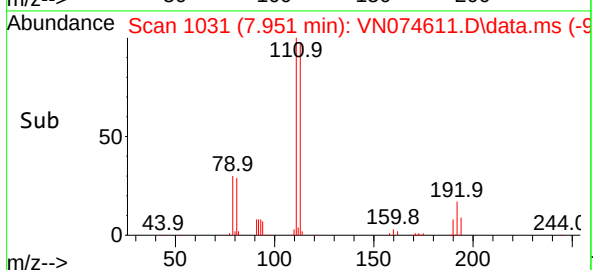
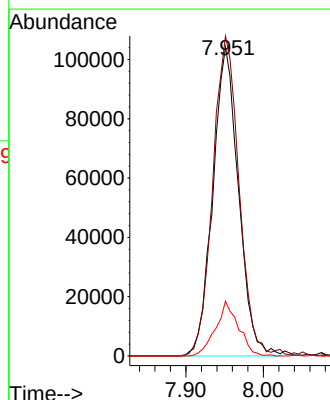
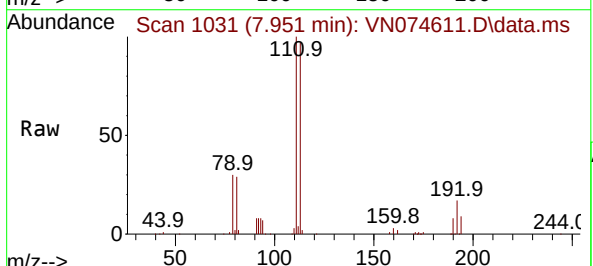
Tgt Ion:113 Resp: 240683

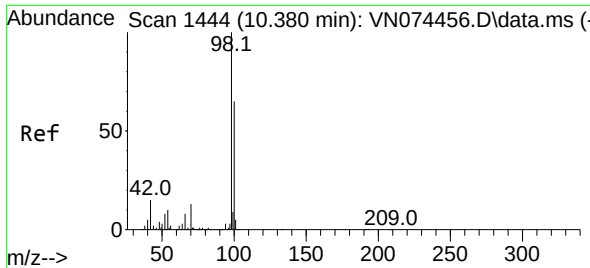
Ion Ratio Lower Upper

113 100

111 104.8 81.4 122.0

192 15.8 17.0 25.6#

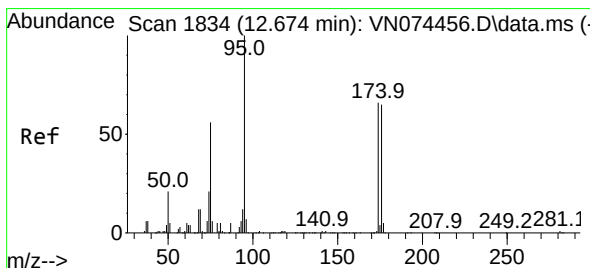
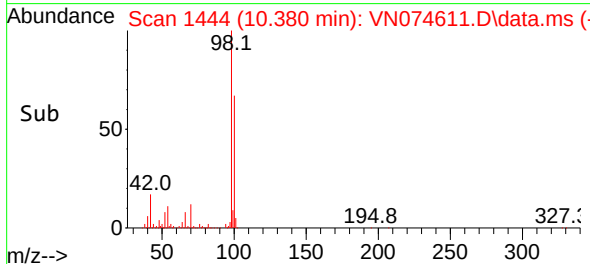
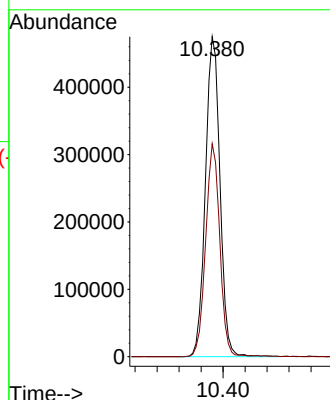
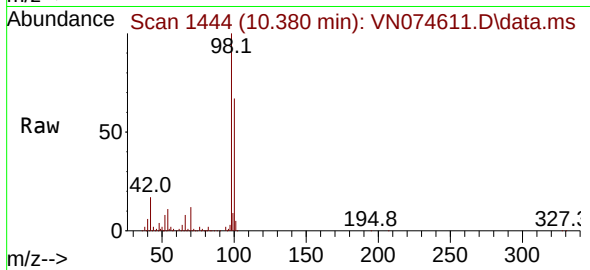




#50
Toluene-d8
Concen: 48.254 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074611.D
Acq: 21 Sep 2022 14:13

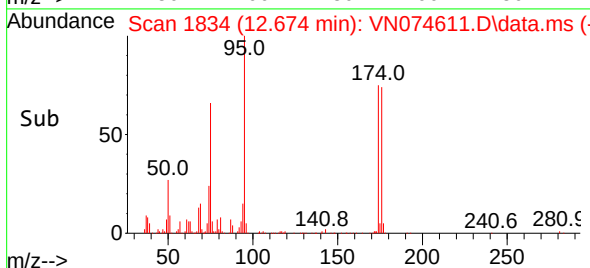
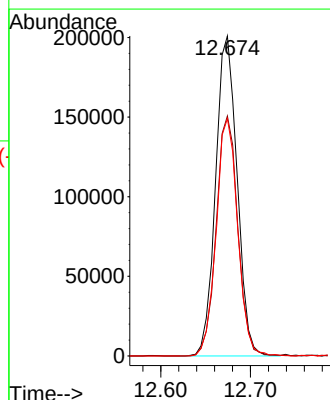
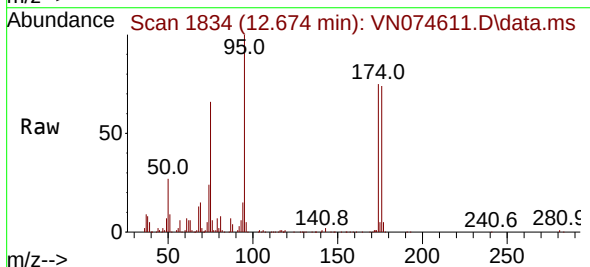
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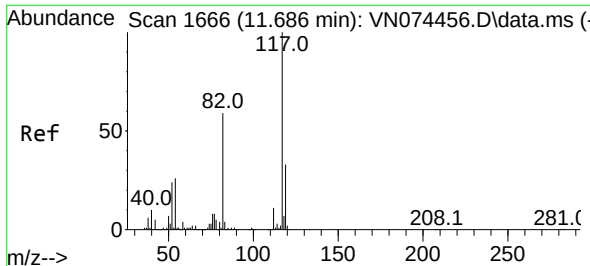
Tgt Ion: 98 Resp: 872511
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 53.959 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074611.D
Acq: 21 Sep 2022 14:13

Tgt Ion: 95 Resp: 334161
Ion Ratio Lower Upper
95 100
174 75.3 0.0 167.6
176 74.0 0.0 163.4

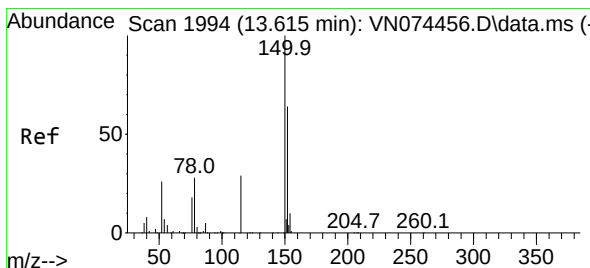
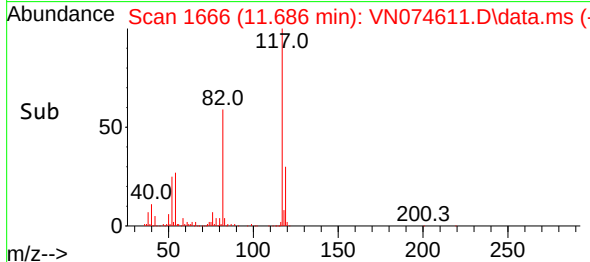
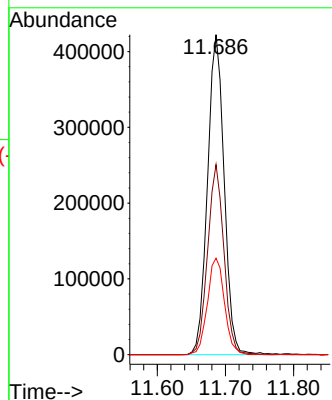
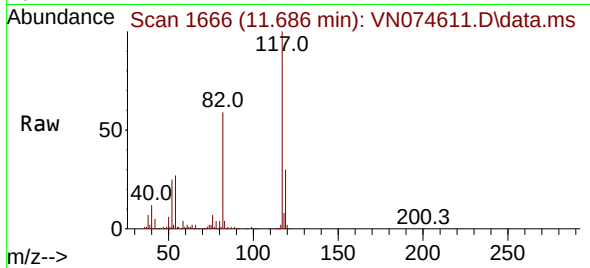




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN074611.D
Acq: 21 Sep 2022 14:13

Instrument :
MSVOA_N
ClientSampleId :
TB-2022-09-14

Tgt Ion:117 Resp: 718415
Ion Ratio Lower Upper
117 100
82 59.4 44.2 66.2
119 30.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074611.D
Acq: 21 Sep 2022 14:13

Tgt Ion:152 Resp: 315061
Ion Ratio Lower Upper
152 100
115 57.5 28.9 86.7
150 158.5 0.0 356.2

