

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
 Data File : VN074258.D
 Acq On : 01 Sep 2022 22:26
 Operator : JC\MD
 Sample : VN0901WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0901WBL02

Quant Time: Sep 02 05:42:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	204213	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	386770	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	359307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	160262	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	152580	48.165	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.340%
35) Dibromofluoromethane	7.951	113	125914	50.030	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.060%
50) Toluene-d8	10.380	98	452108	45.615	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.220%
62) 4-Bromofluorobenzene	12.668	95	165214	54.813	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.620%

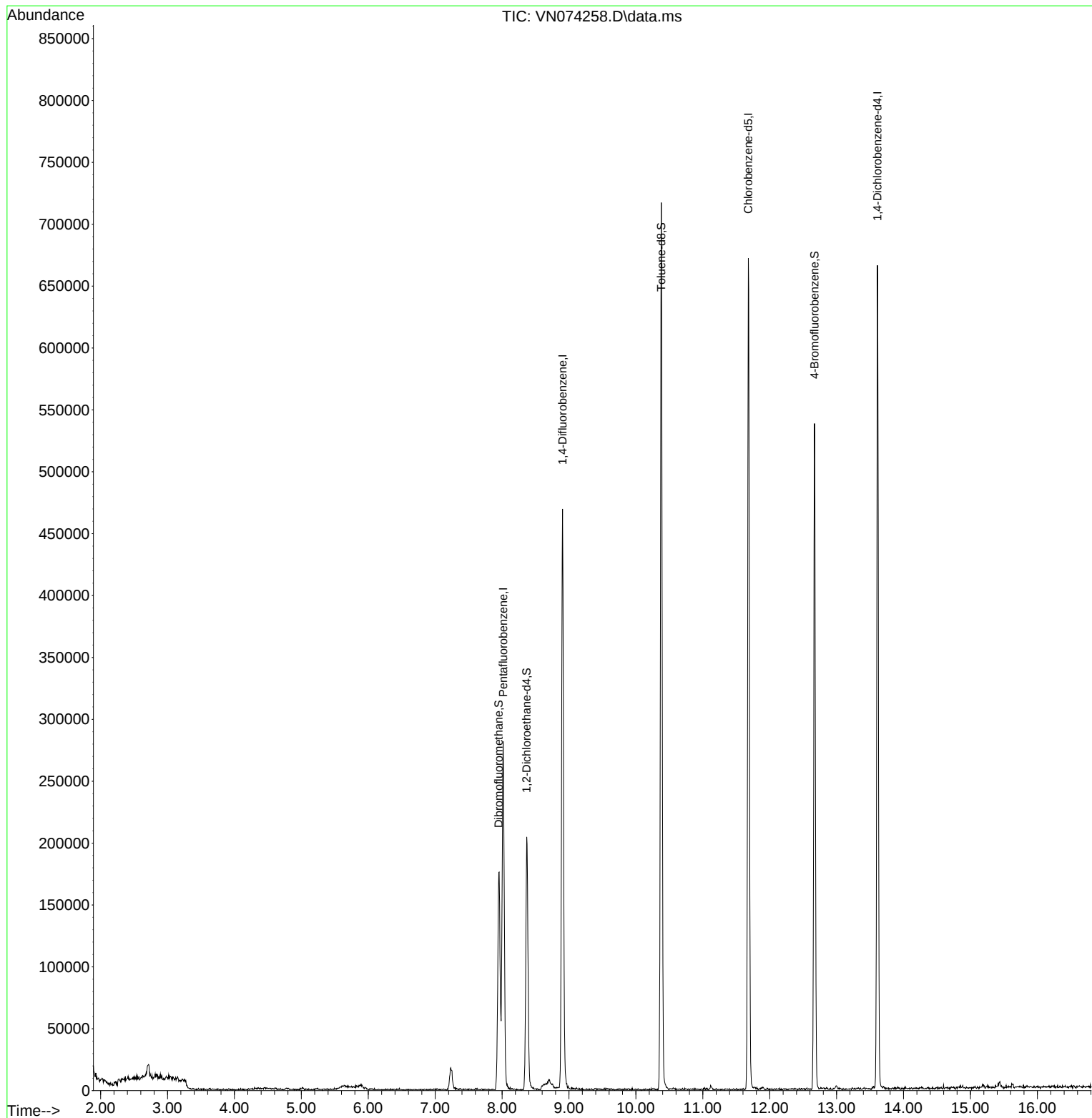
Target Compounds	Qvalue

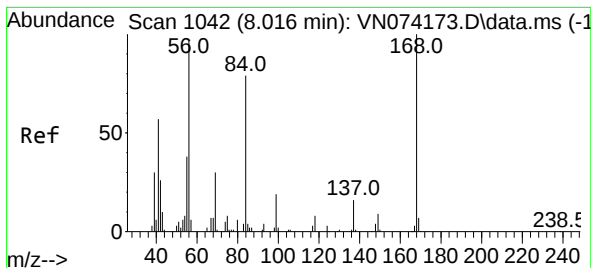
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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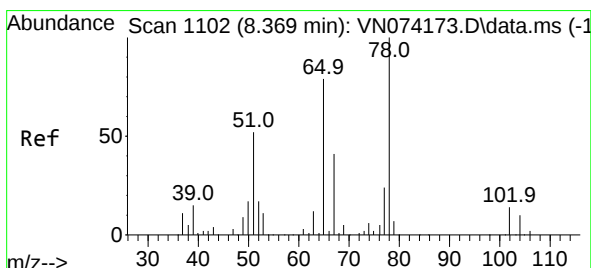
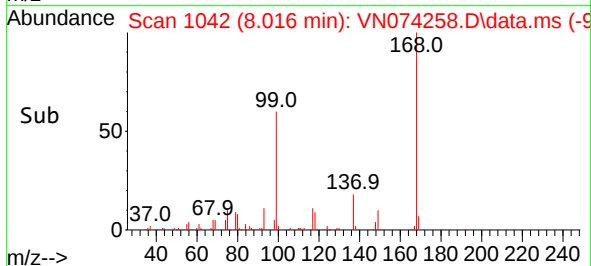
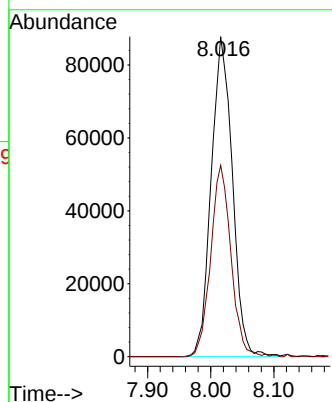
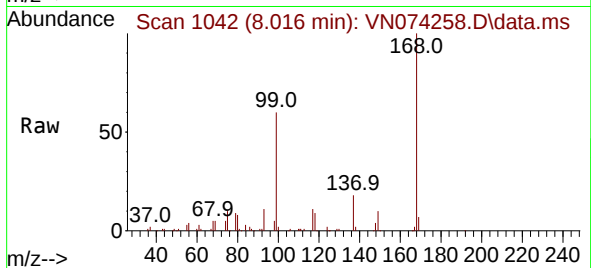




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074258.D
Acq: 01 Sep 2022 22:26

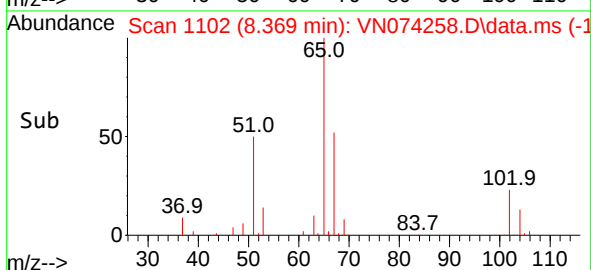
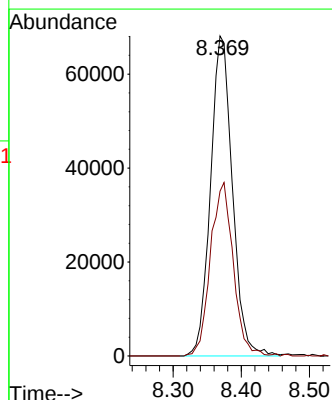
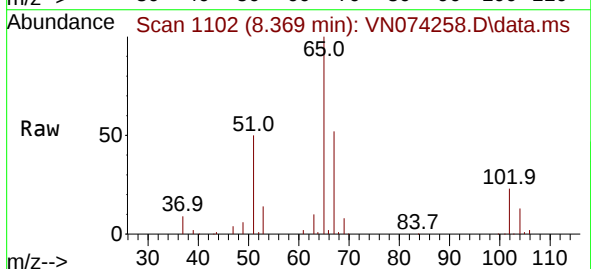
Instrument :
MSVOA_N
ClientSampleId :
VN0901WBL02

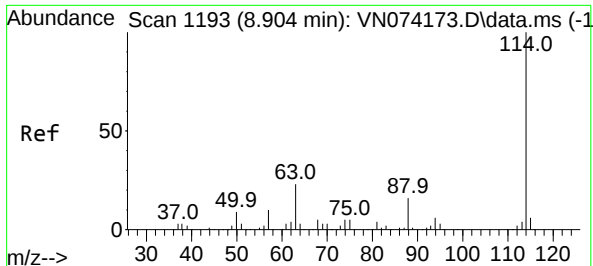
Tgt Ion:168 Resp: 204213
Ion Ratio Lower Upper
168 100
99 59.8 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 48.165 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074258.D
Acq: 01 Sep 2022 22:26

Tgt Ion: 65 Resp: 152580
Ion Ratio Lower Upper
65 100
67 56.1 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: VN074258.D

Acq: 01 Sep 2022 22:26

Instrument :

MSVOA_N

ClientSampleId :

VN0901WBL02

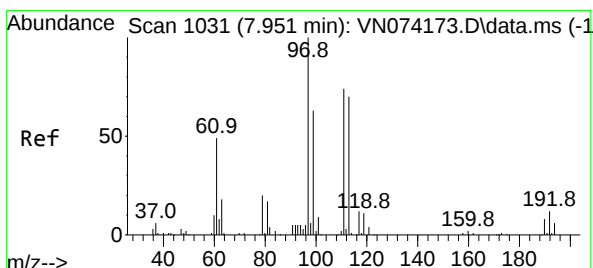
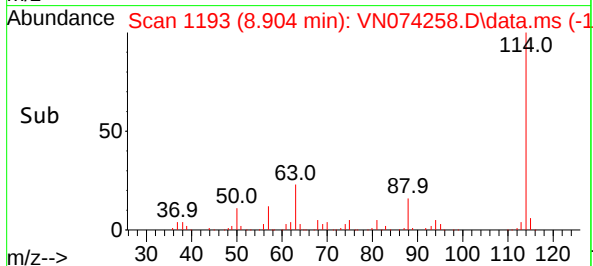
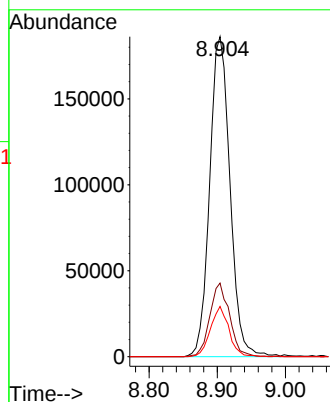
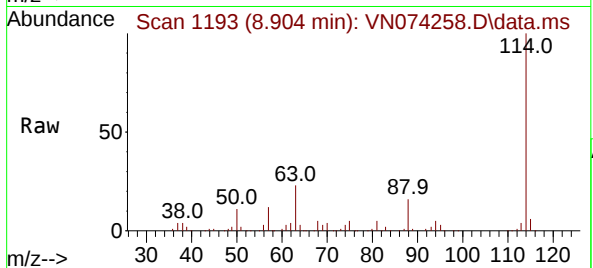
Tgt Ion:114 Resp: 386770

Ion Ratio Lower Upper

114 100

63 23.0 0.0 40.0

88 15.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.030 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN074258.D

Acq: 01 Sep 2022 22:26

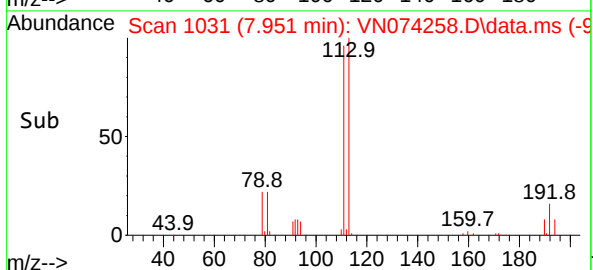
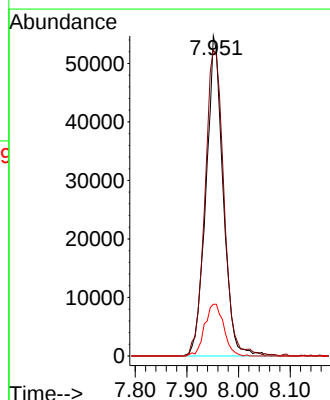
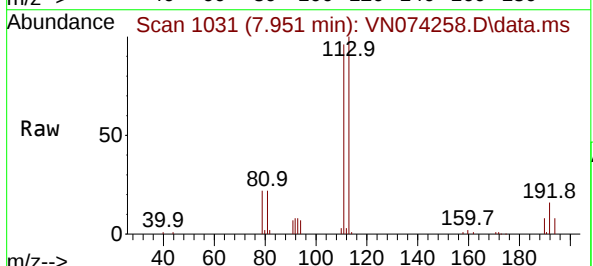
Tgt Ion:113 Resp: 125914

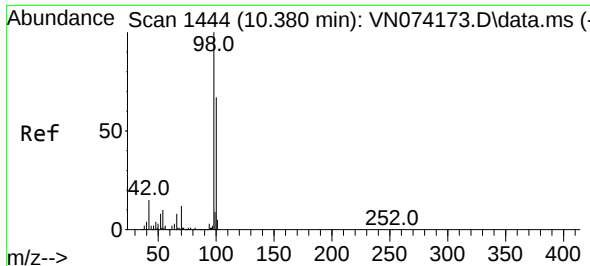
Ion Ratio Lower Upper

113 100

111 105.4 81.4 122.0

192 18.0 17.0 25.6

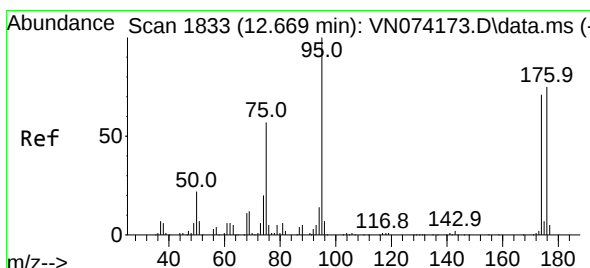
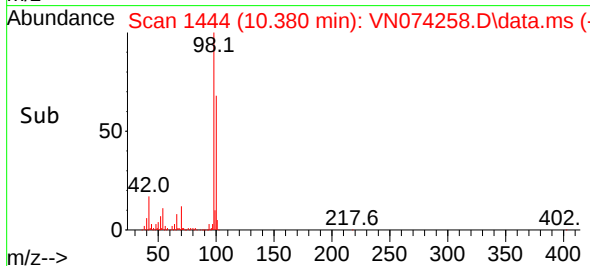
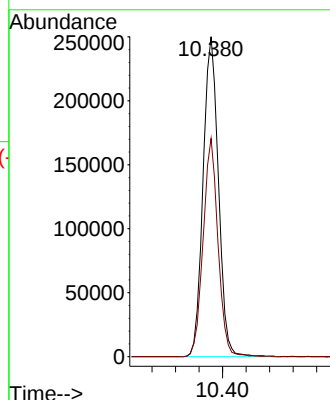
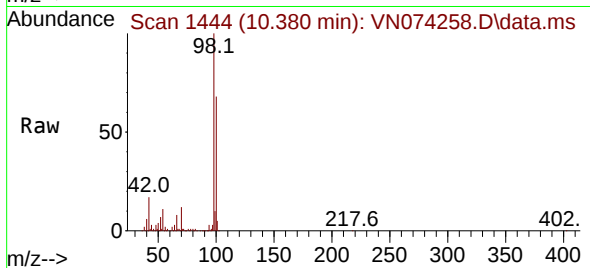




#50
Toluene-d8
Concen: 45.615 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN074258.D
Acq: 01 Sep 2022 22:26

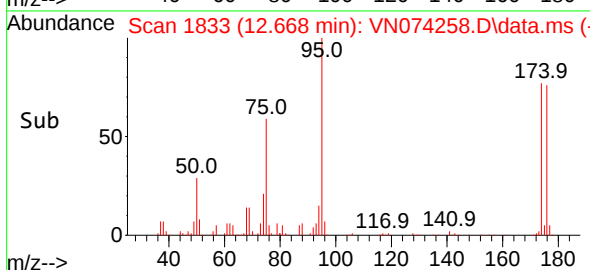
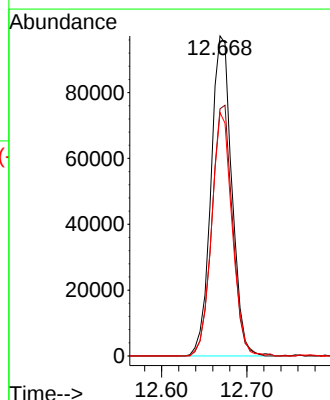
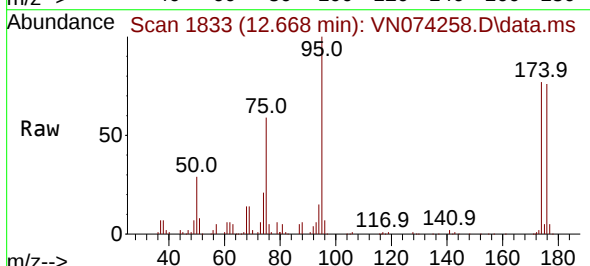
Instrument :
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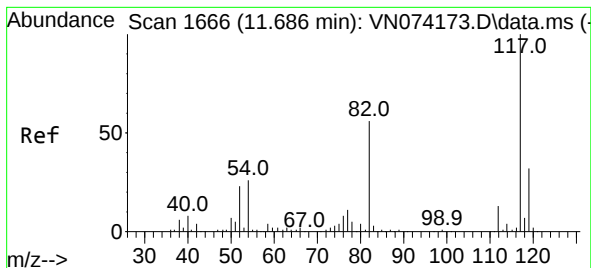
Tgt Ion: 98 Resp: 452108
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 54.813 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN074258.D
Acq: 01 Sep 2022 22:26

Tgt Ion: 95 Resp: 165214
Ion Ratio Lower Upper
95 100
174 77.0 0.0 167.6
176 74.8 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN074258.D

Acq: 01 Sep 2022 22:26

Instrument :

MSVOA_N

ClientSampleId :

VN0901WBL02

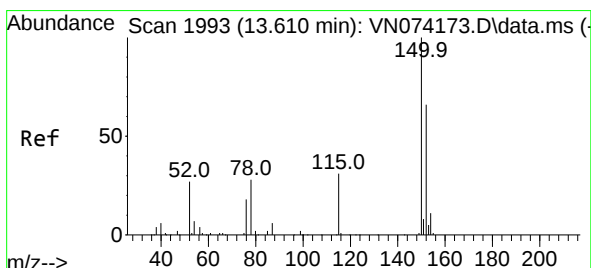
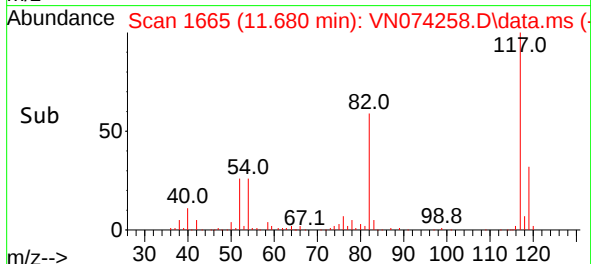
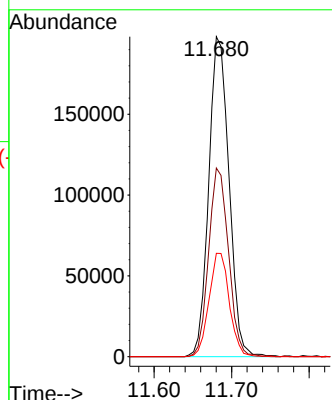
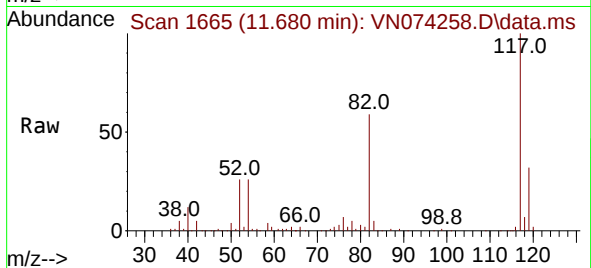
Tgt Ion:117 Resp: 359307

Ion Ratio Lower Upper

117 100

82 58.9 44.2 66.2

119 32.3 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VN074258.D

Acq: 01 Sep 2022 22:26

Tgt Ion:152 Resp: 160262

Ion Ratio Lower Upper

152 100

115 59.5 28.9 86.7

150 155.4 0.0 356.2

