

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070722\
 Data File : VN073370.D
 Acq On : 07 Jul 2022 14:43
 Operator : JC\MD
 Sample : N3574-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Jul 08 03:01:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	282494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	471626	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	442296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	211086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	186258	45.673	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.340%
35) Dibromofluoromethane	7.951	113	155151	49.446	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.900%
50) Toluene-d8	10.380	98	505815	45.387	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.780%
62) 4-Bromofluorobenzene	12.668	95	220111	51.395	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.780%

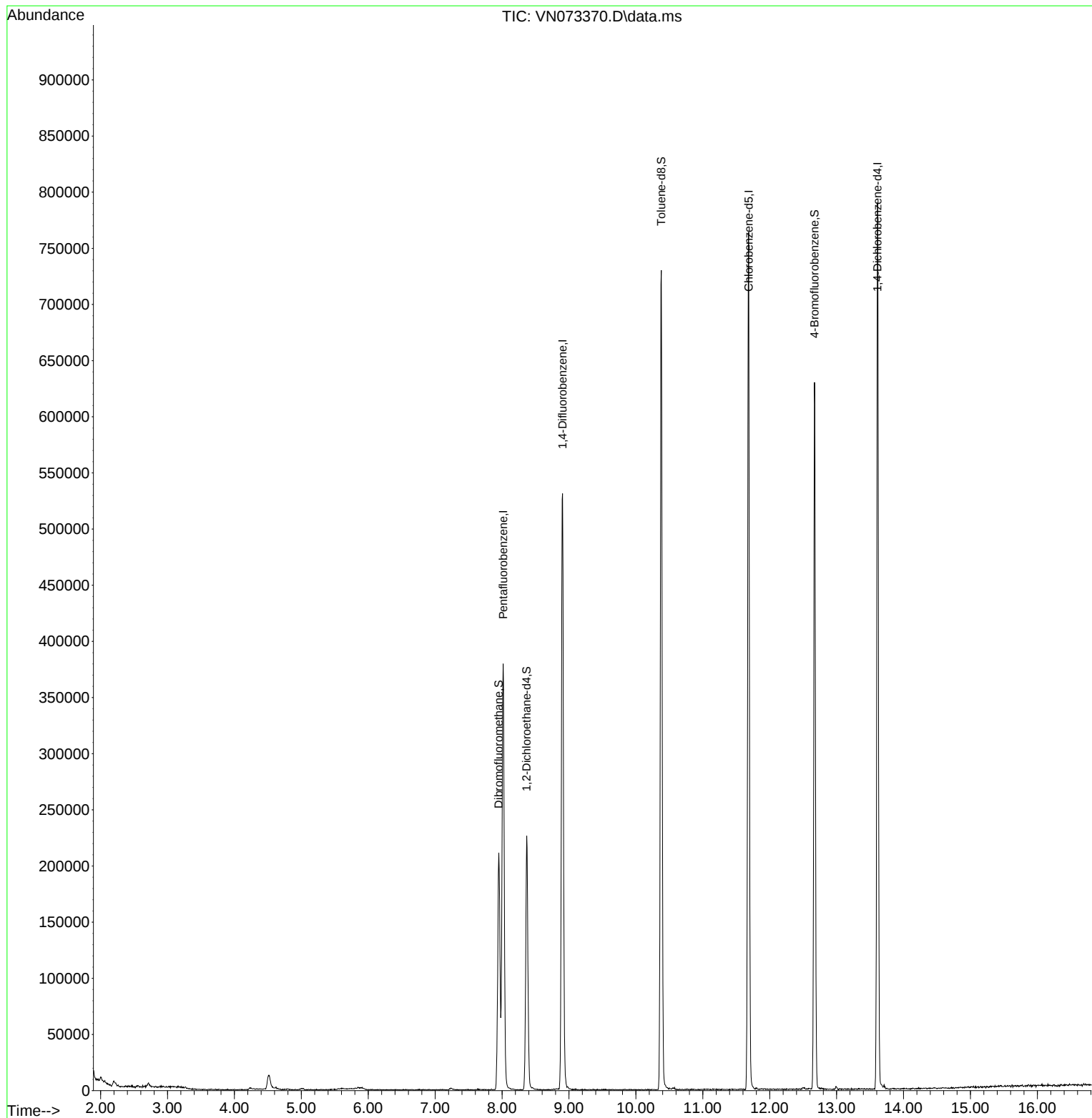
Target Compounds	Qvalue

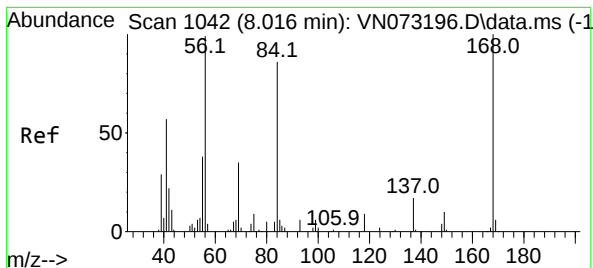
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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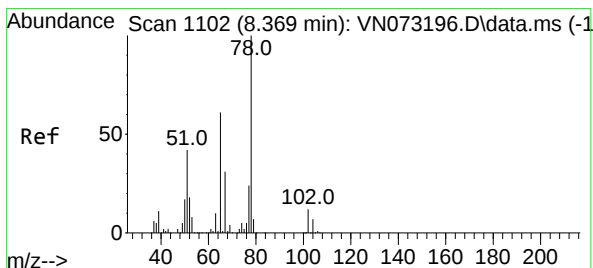
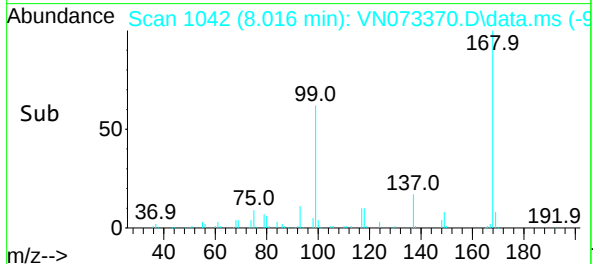
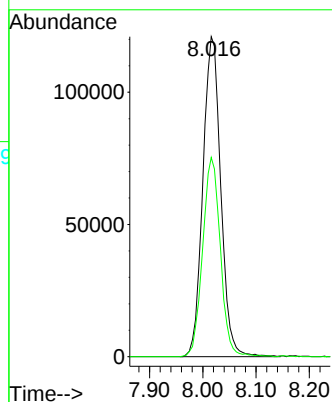
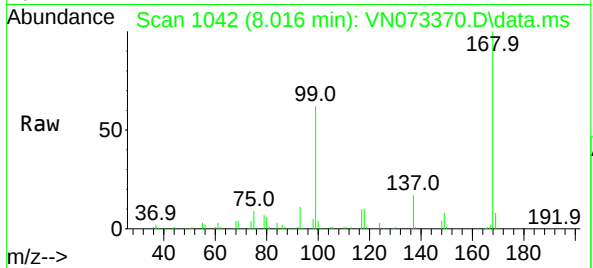




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073370.D
Acq: 07 Jul 2022 14:43

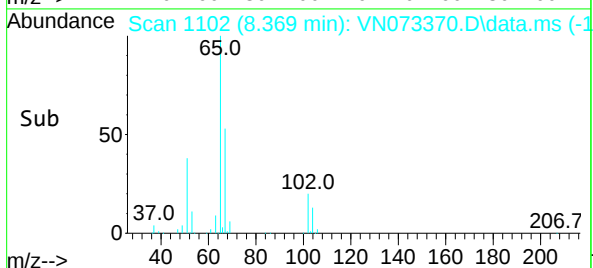
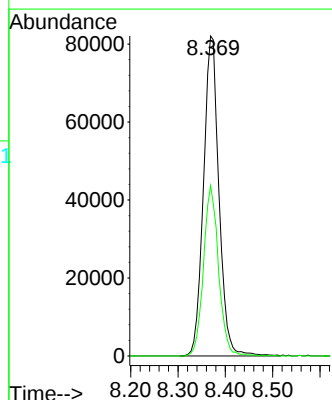
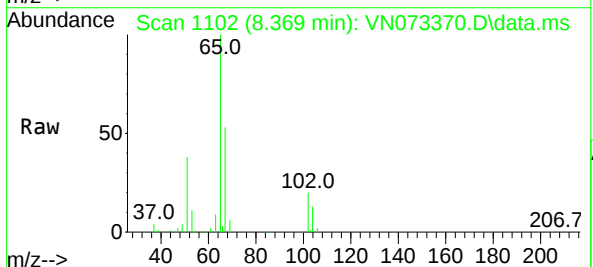
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:168 Resp: 282494
Ion Ratio Lower Upper
168 100
99 62.2 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 45.673 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073370.D
Acq: 07 Jul 2022 14:43

Tgt Ion: 65 Resp: 186258
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073370.D

Acq: 07 Jul 2022 14:43

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

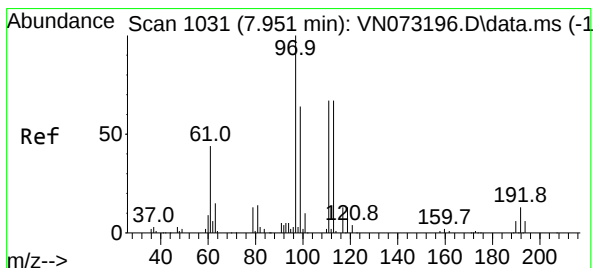
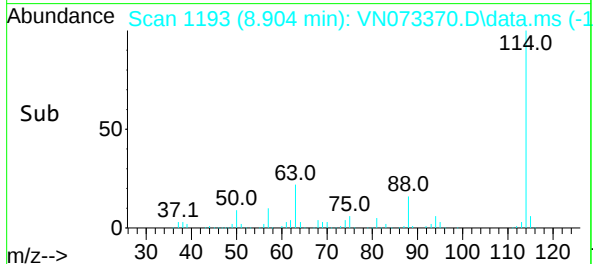
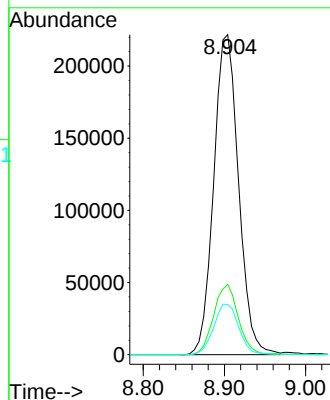
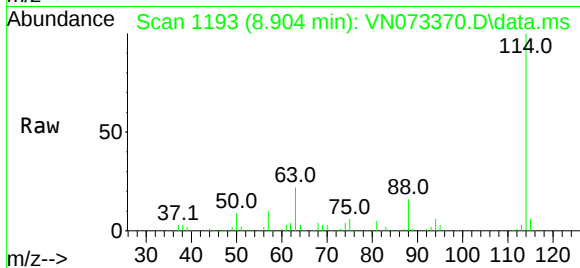
Tgt Ion:114 Resp: 471626

Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.0

88 15.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.446 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073370.D

Acq: 07 Jul 2022 14:43

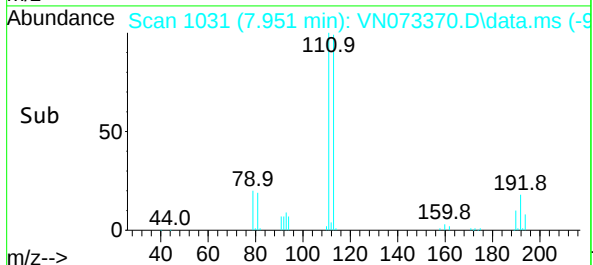
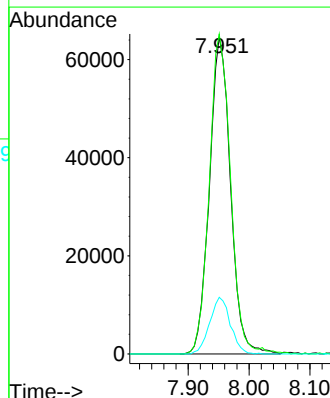
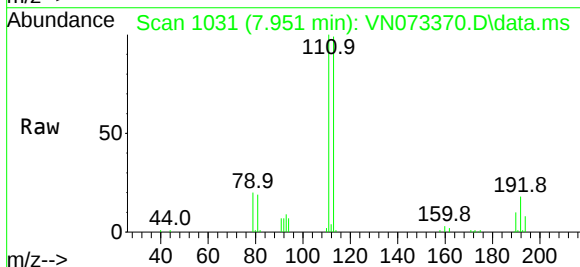
Tgt Ion:113 Resp: 155151

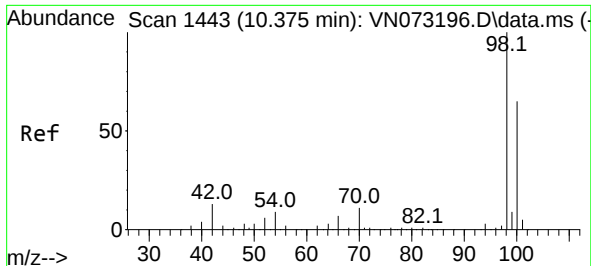
Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

192 17.6 17.0 25.6

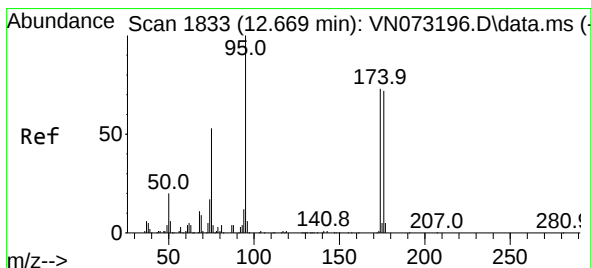
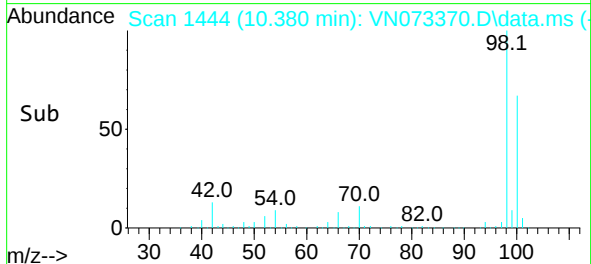
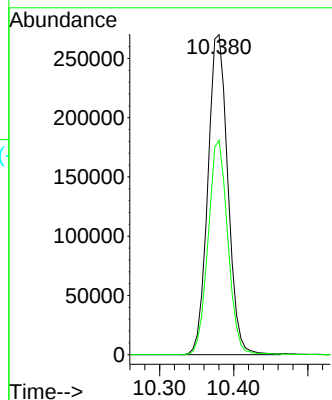
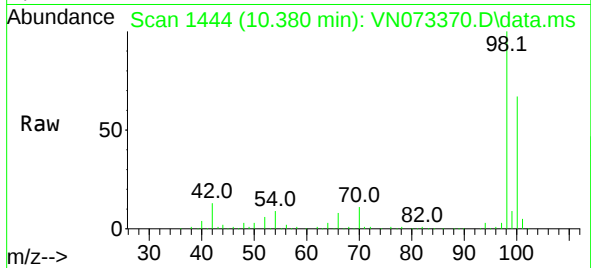




#50
Toluene-d8
Concen: 45.387 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073370.D
Acq: 07 Jul 2022 14:43

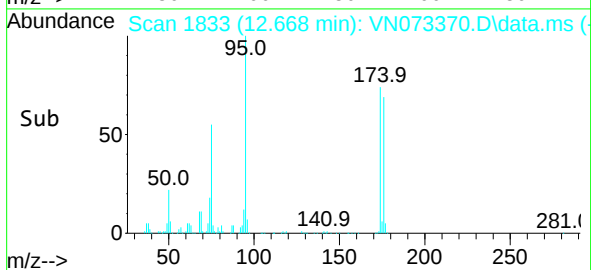
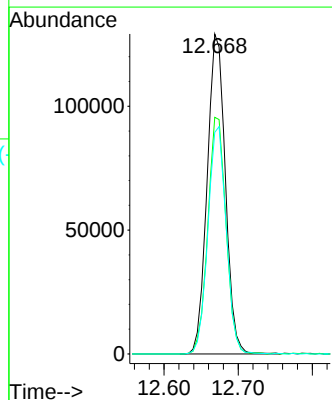
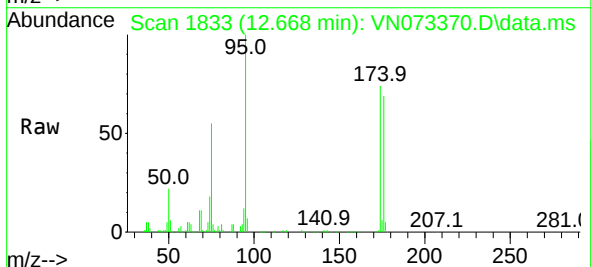
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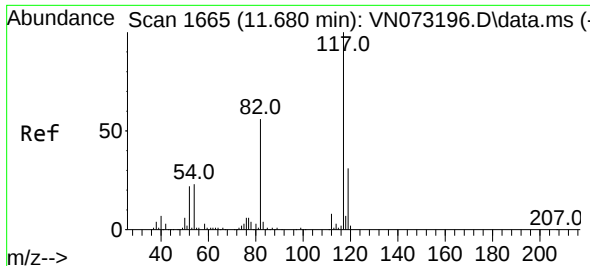
Tgt Ion: 98 Resp: 505815
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 51.395 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073370.D
Acq: 07 Jul 2022 14:43

Tgt Ion: 95 Resp: 220111
Ion Ratio Lower Upper
95 100
174 74.0 0.0 167.6
176 71.3 0.0 163.4

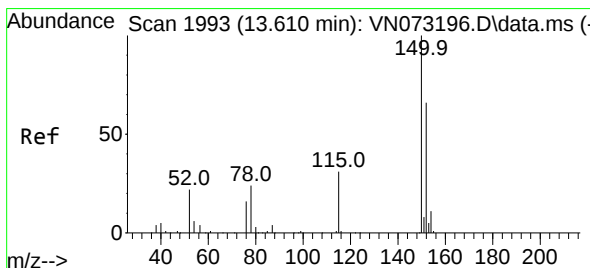
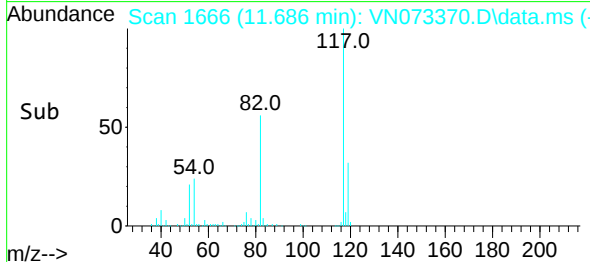
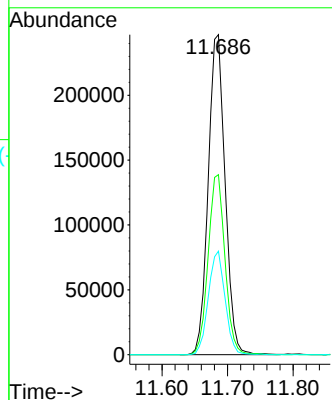
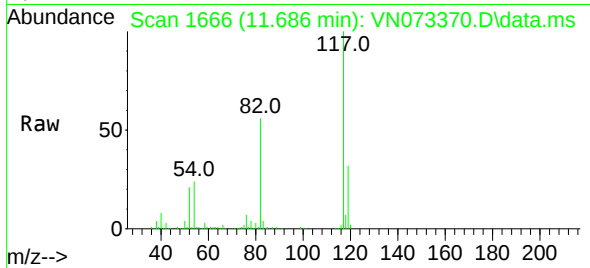




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. 0.006 min
Lab File: VN073370.D
Acq: 07 Jul 2022 14:43

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:117 Resp: 442296
Ion Ratio Lower Upper
117 100
82 56.2 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: VN073370.D
Acq: 07 Jul 2022 14:43

Tgt Ion:152 Resp: 211086
Ion Ratio Lower Upper
152 100
115 60.8 28.9 86.7
150 158.4 0.0 356.2

