

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070622\
 Data File : VN073341.D
 Acq On : 06 Jul 2022 13:23
 Operator : JC\MD
 Sample : N3596-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20220482-FIELD-BLANK

Quant Time: Jul 07 04:22:13 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	265077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	450242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.687	117	416995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	200931	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	176603	46.150	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.300%
35) Dibromofluoromethane	7.952	113	148802	49.675	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.340%
50) Toluene-d8	10.381	98	475328	44.678	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.360%
62) 4-Bromofluorobenzene	12.669	95	207319	50.707	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.420%

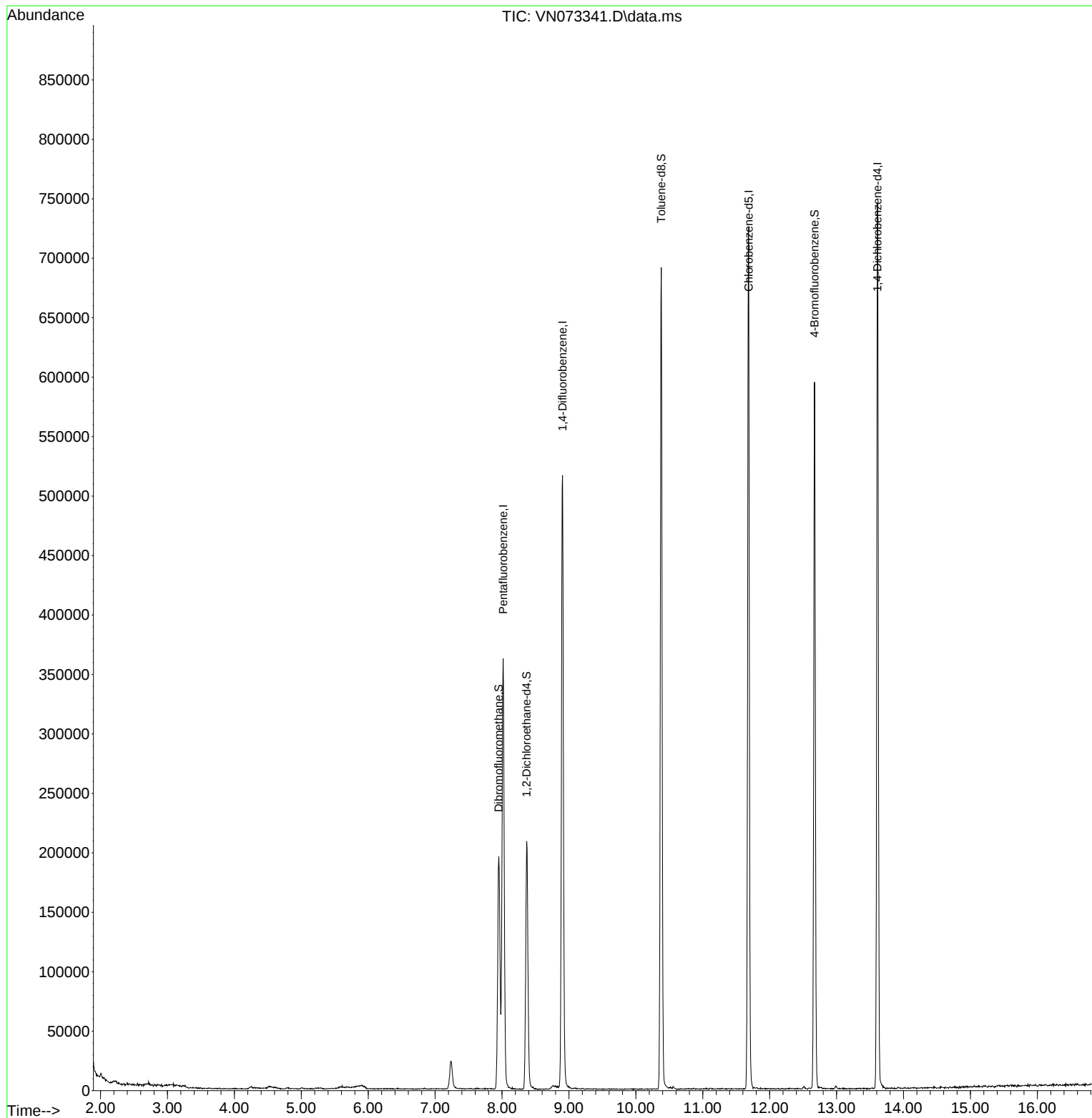
Target Compounds	Qvalue

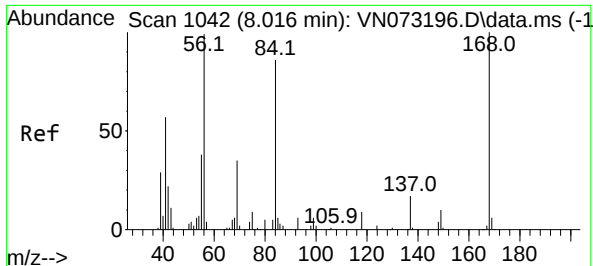
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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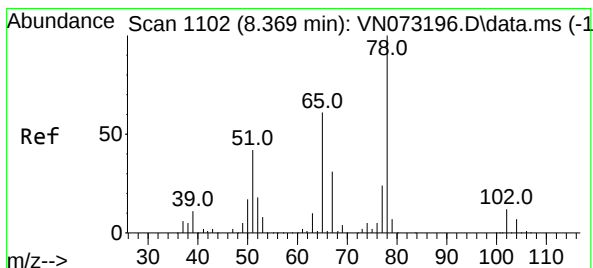
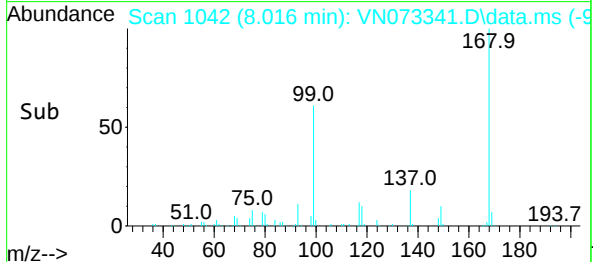
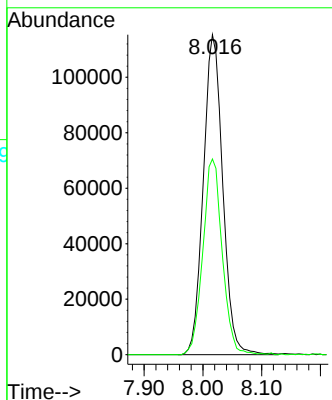
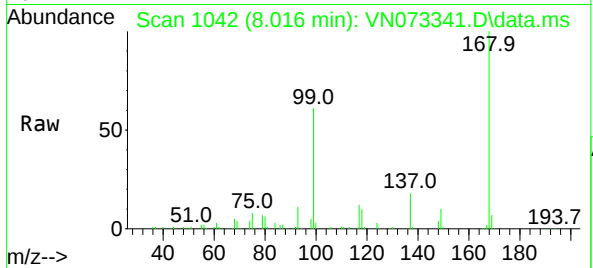




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073341.D
Acq: 06 Jul 2022 13:23

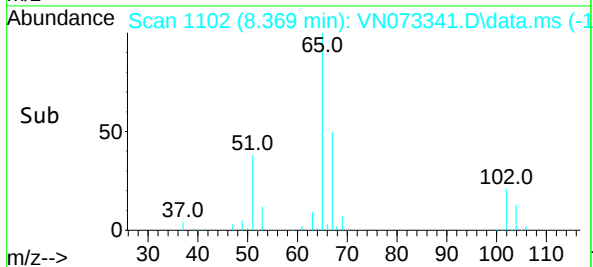
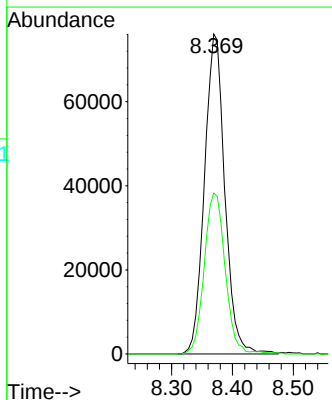
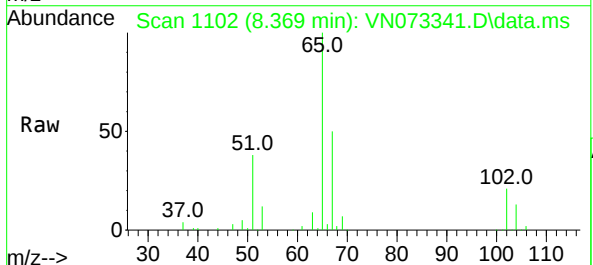
Instrument :
MSVOA_N
ClientSampleId :
20220482-FIELD-BLANK

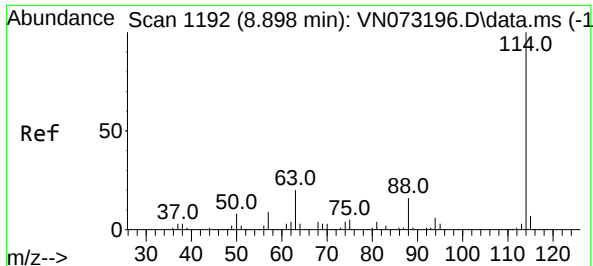
Tgt Ion:168 Resp: 265077
Ion Ratio Lower Upper
168 100
99 61.2 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 46.150 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073341.D
Acq: 06 Jul 2022 13:23

Tgt Ion: 65 Resp: 176603
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073341.D

Acq: 06 Jul 2022 13:23

Instrument :

MSVOA_N

ClientSampleId :

20220482-FIELD-BLANK

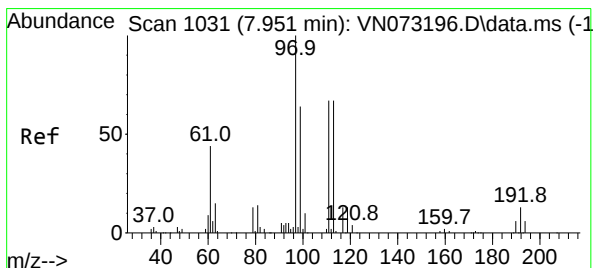
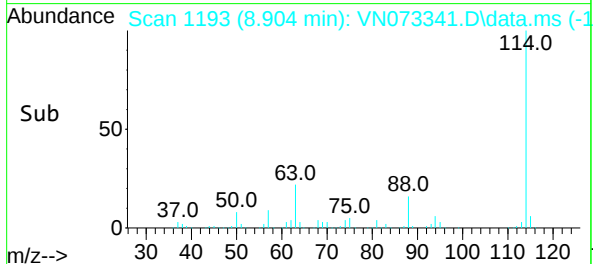
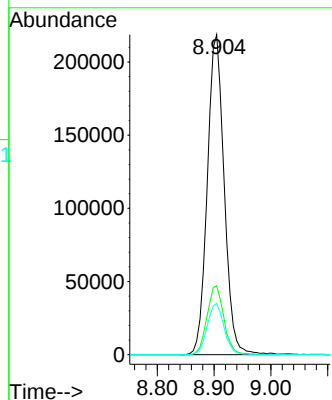
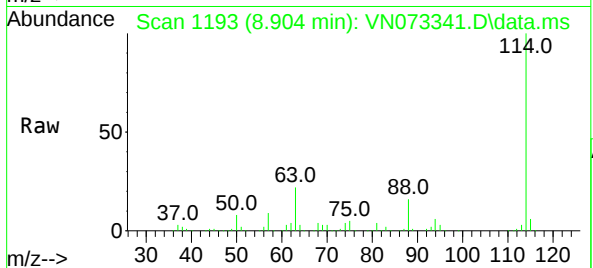
Tgt Ion:114 Resp: 450242

Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.0

88 16.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.675 ug/l

RT: 7.952 min Scan# 1031

Delta R.T. 0.001 min

Lab File: VN073341.D

Acq: 06 Jul 2022 13:23

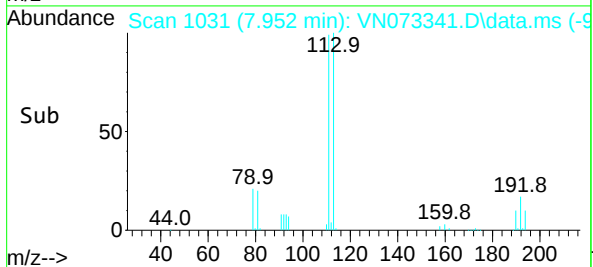
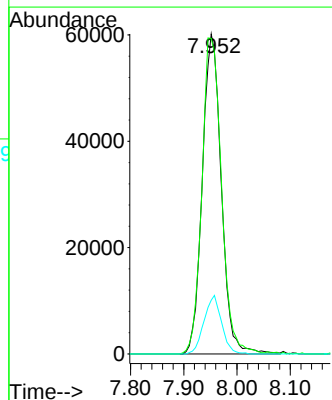
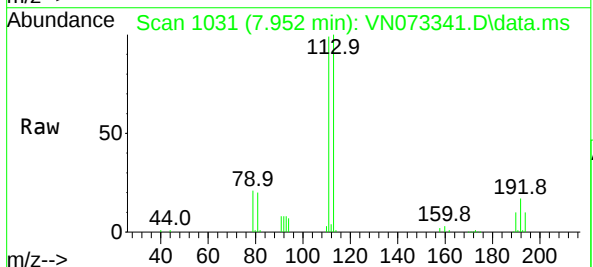
Tgt Ion:113 Resp: 148802

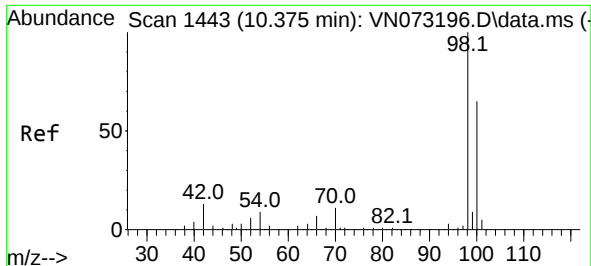
Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

192 16.9 17.0 25.6#

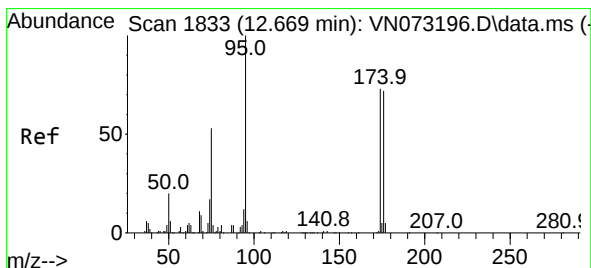
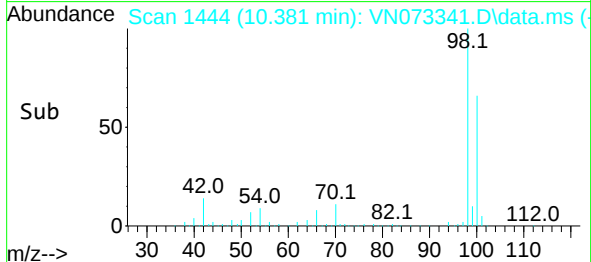
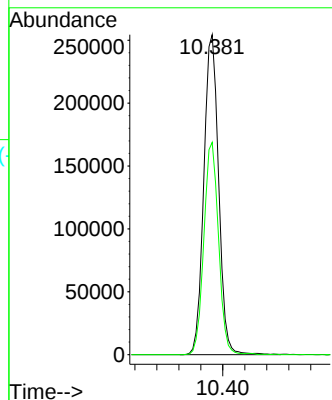
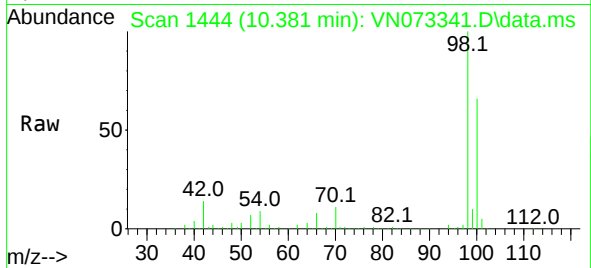




#50
Toluene-d8
Concen: 44.678 ug/l
RT: 10.381 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN073341.D
Acq: 06 Jul 2022 13:23

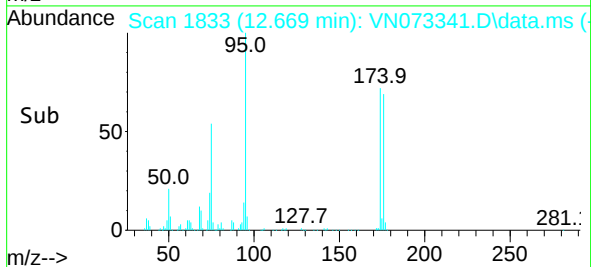
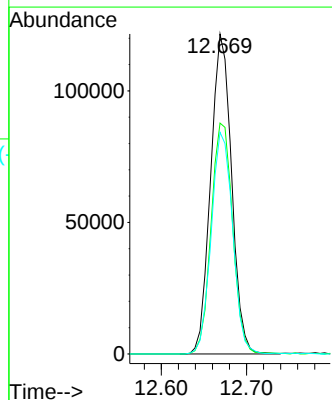
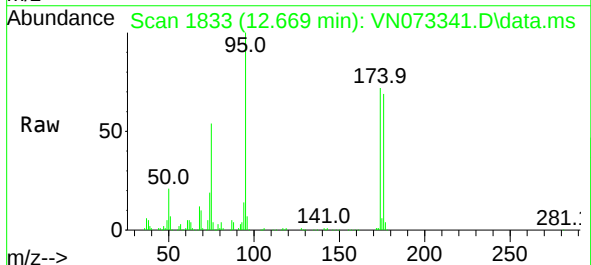
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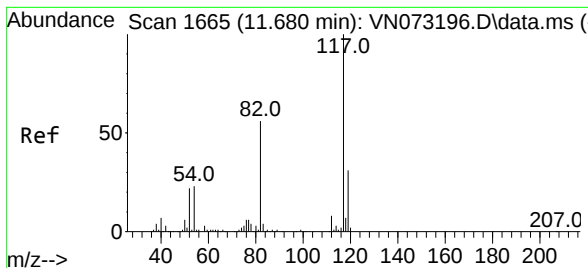
Tgt Ion: 98 Resp: 475328
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.707 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073341.D
Acq: 06 Jul 2022 13:23

Tgt Ion: 95 Resp: 207319
Ion Ratio Lower Upper
95 100
174 74.4 0.0 167.6
176 70.9 0.0 163.4

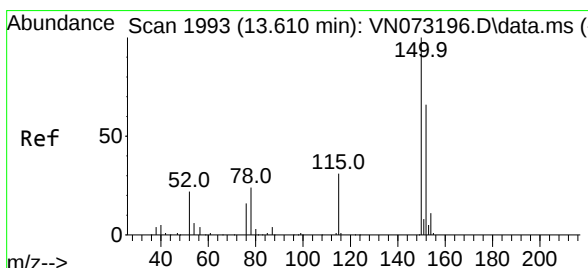
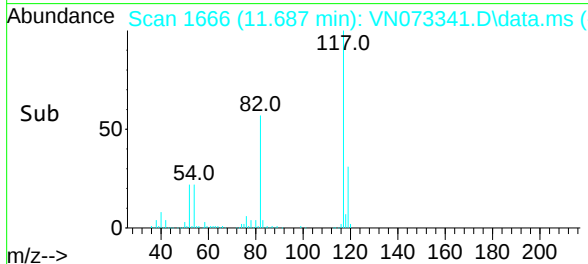
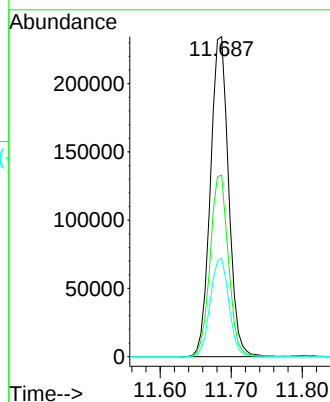
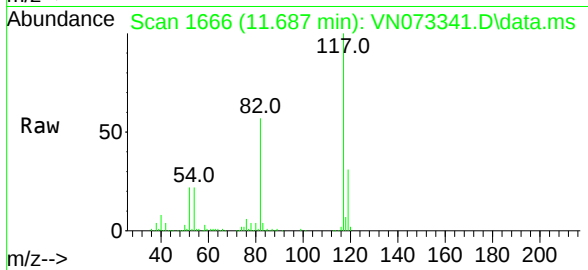




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.687 min Scan# 11
Delta R.T. 0.007 min
Lab File: VN073341.D
Acq: 06 Jul 2022 13:23

Instrument :
MSVOA_N
ClientSampleId :
20220482-FIELD-BLANK

Tgt Ion:117 Resp: 416995
Ion Ratio Lower Upper
117 100
82 56.8 44.2 66.2
119 30.8 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: VN073341.D
Acq: 06 Jul 2022 13:23

Tgt Ion:152 Resp: 200931
Ion Ratio Lower Upper
152 100
115 60.0 28.9 86.7
150 155.7 0.0 356.2

