

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083122\
 Data File : VN074221.D
 Acq On : 31 Aug 2022 18:02
 Operator : JC\MD
 Sample : N4428-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Sep 01 00:28:24 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	8.022	168	180495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	341515	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	335573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	149907	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	157862	56.381	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.760%
35) Dibromofluoromethane	7.951	113	121443	54.647	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.300%
50) Toluene-d8	10.380	98	416465	47.587	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.180%
62) 4-Bromofluorobenzene	12.669	95	158409	59.520	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	119.040%

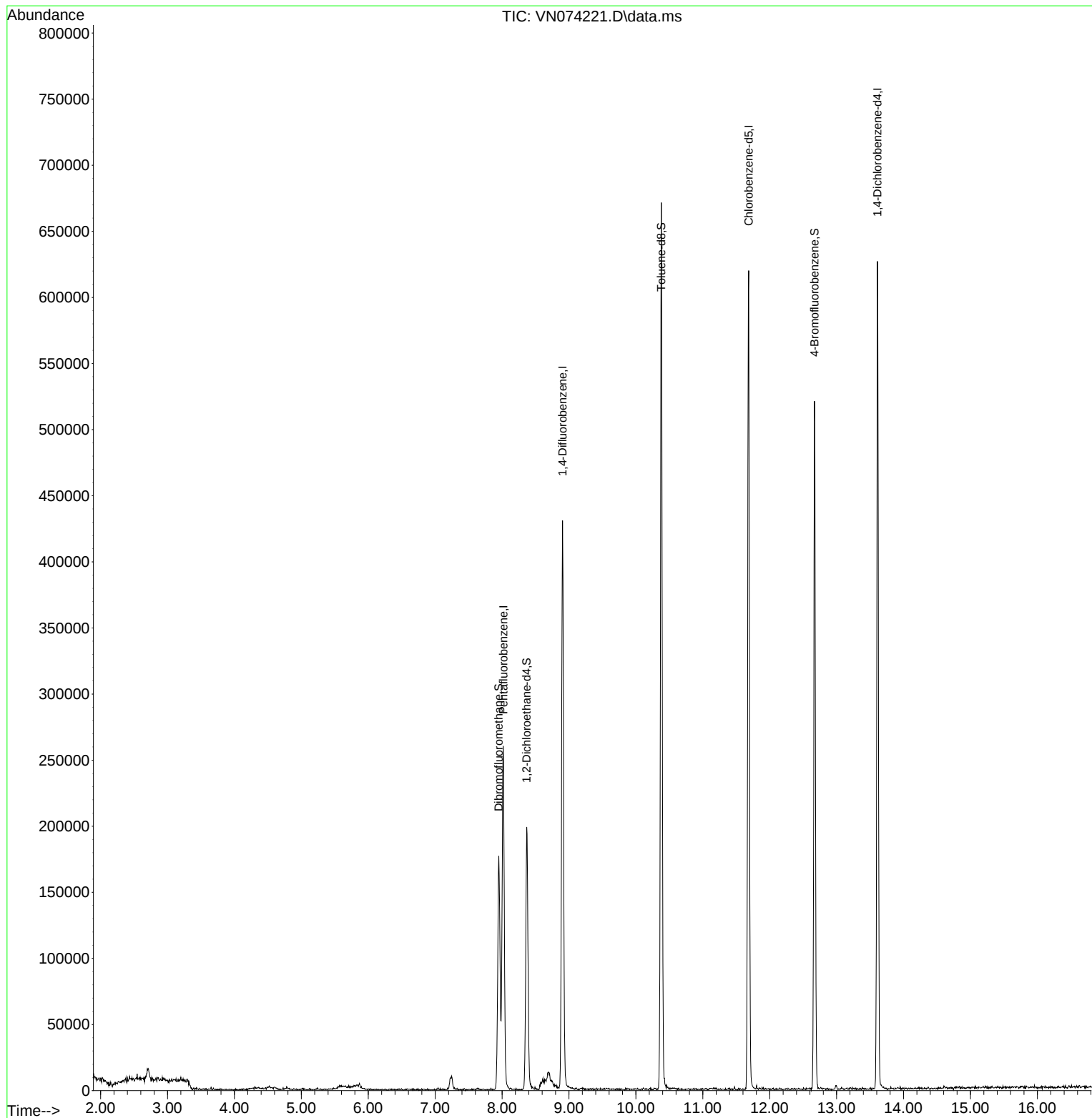
Target Compounds	Qvalue

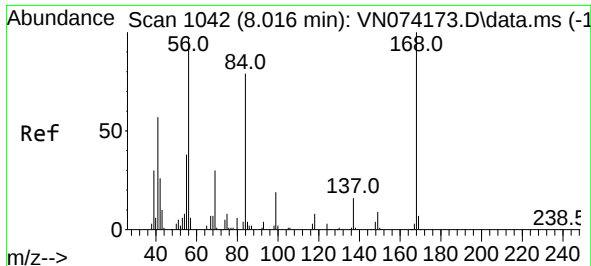
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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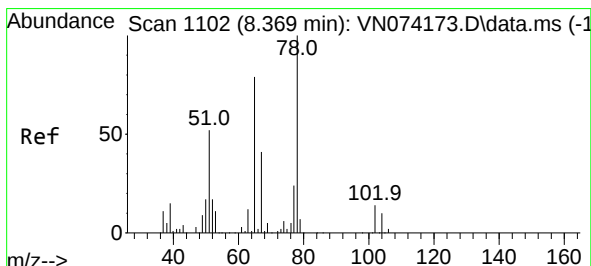
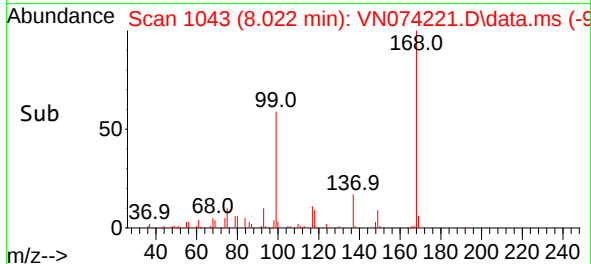
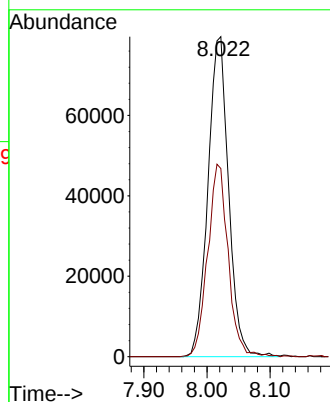
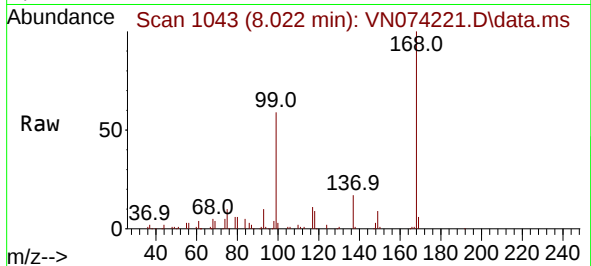




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1102
Delta R.T. 0.006 min
Lab File: VN074221.D
Acq: 31 Aug 2022 18:02

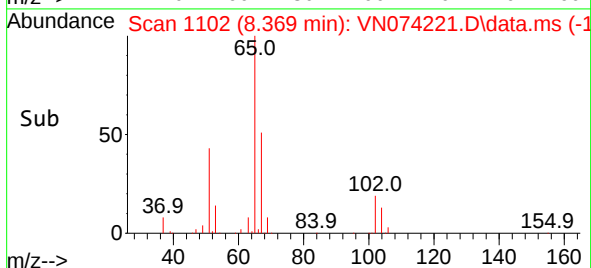
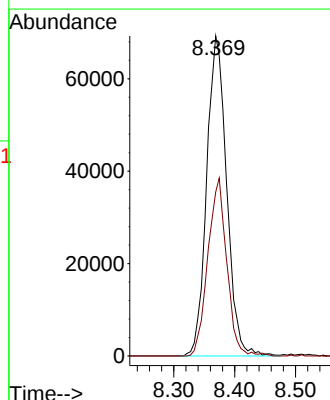
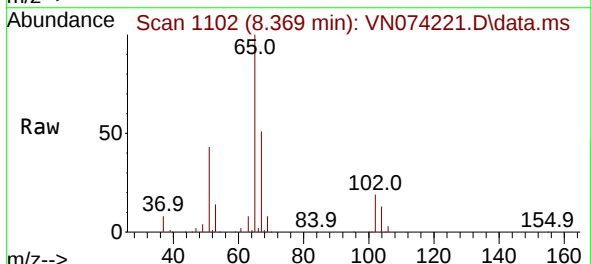
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

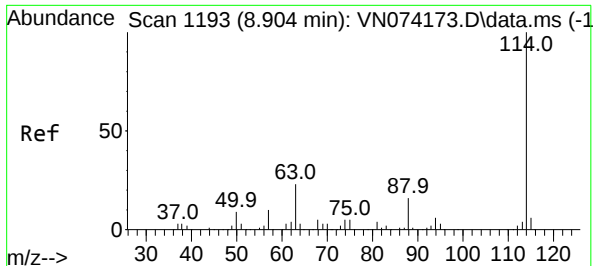
Tgt Ion:168 Resp: 180495
Ion Ratio Lower Upper
168 100
99 58.8 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 56.381 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN074221.D
Acq: 31 Aug 2022 18:02

Tgt Ion: 65 Resp: 157862
Ion Ratio Lower Upper
65 100
67 52.4 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: VN074221.D

Acq: 31 Aug 2022 18:02

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

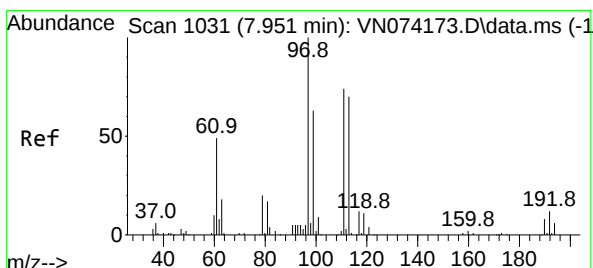
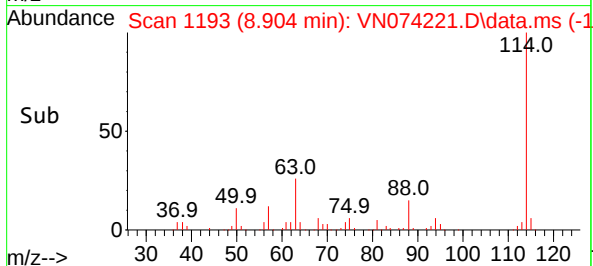
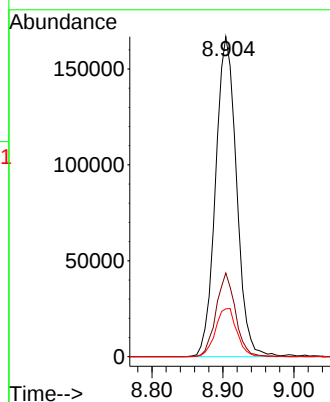
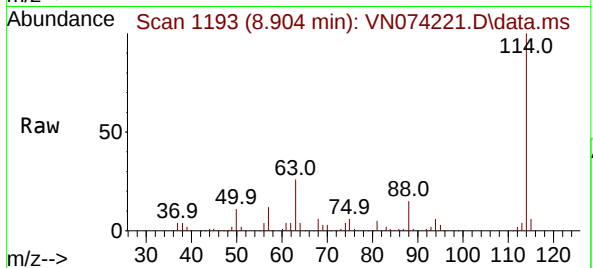
Tgt Ion:114 Resp: 341515

Ion Ratio Lower Upper

114 100

63 26.2 0.0 40.0

88 15.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.647 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074221.D

Acq: 31 Aug 2022 18:02

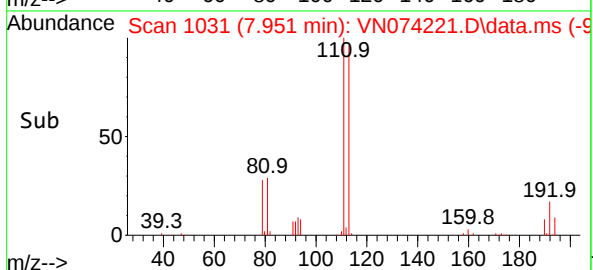
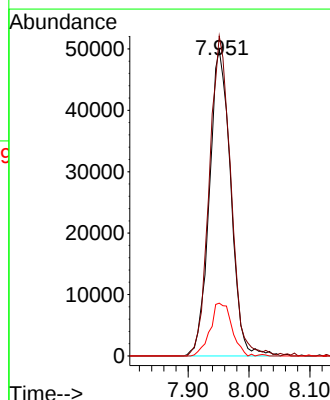
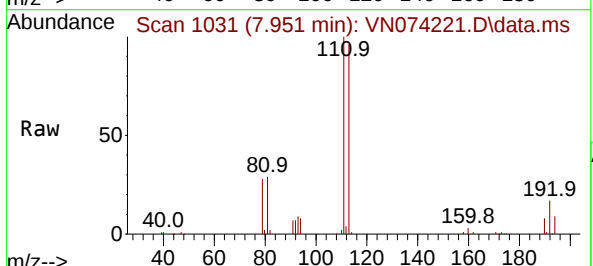
Tgt Ion:113 Resp: 121443

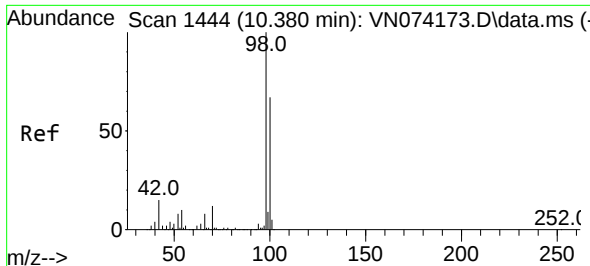
Ion Ratio Lower Upper

113 100

111 104.7 81.4 122.0

192 17.4 17.0 25.6

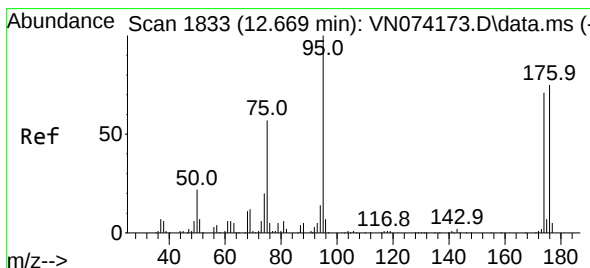
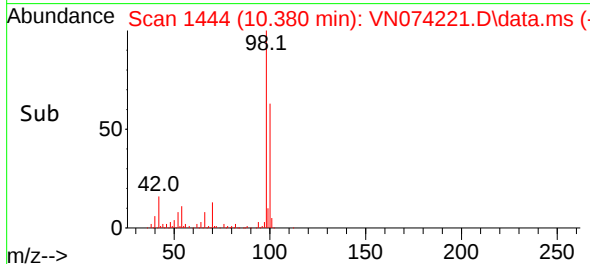
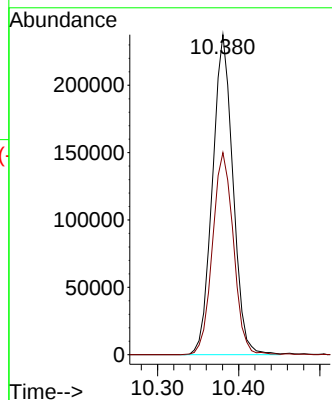
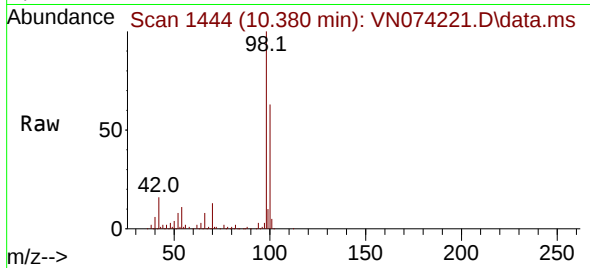




#50
Toluene-d8
Concen: 47.587 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074221.D
Acq: 31 Aug 2022 18:02

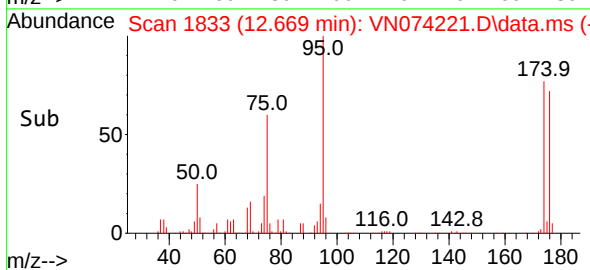
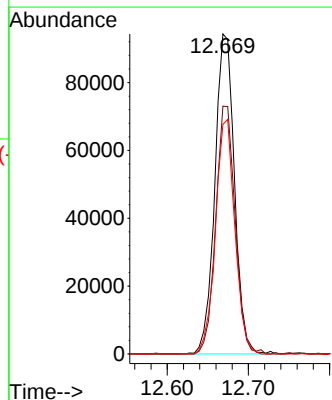
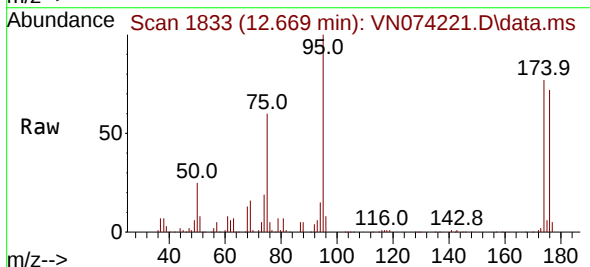
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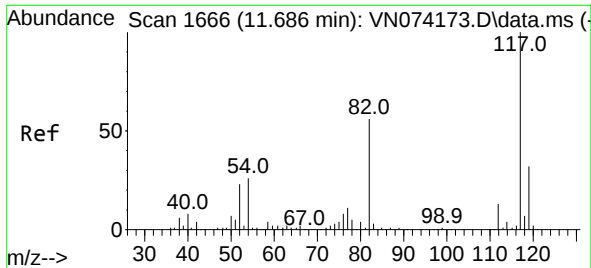
Tgt Ion: 98 Resp: 416465
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 59.520 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN074221.D
Acq: 31 Aug 2022 18:02

Tgt Ion: 95 Resp: 158409
Ion Ratio Lower Upper
95 100
174 76.4 0.0 167.6
176 72.4 0.0 163.4

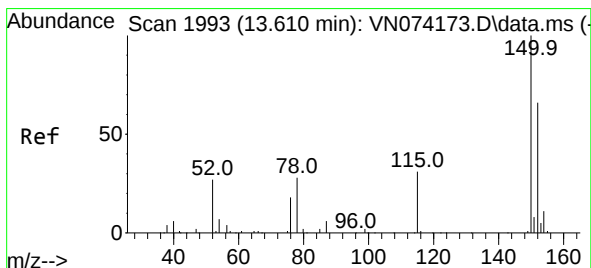
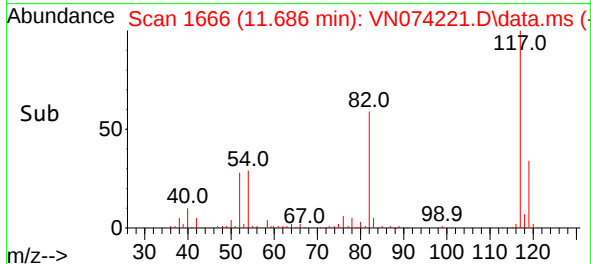
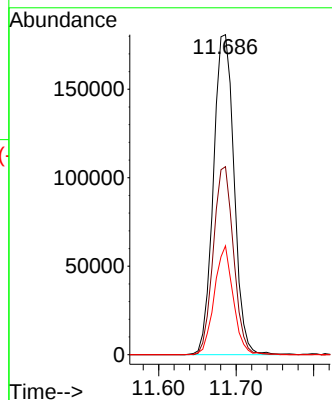
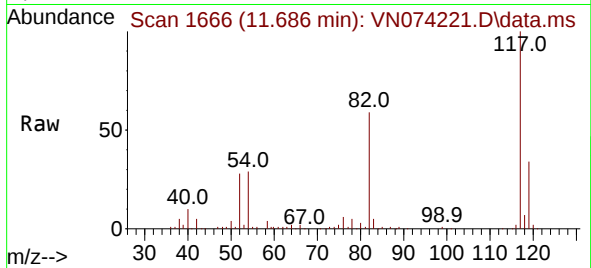




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074221.D
Acq: 31 Aug 2022 18:02

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:117 Resp: 335573
Ion Ratio Lower Upper
117 100
82 58.7 44.2 66.2
119 34.0 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: VN074221.D
Acq: 31 Aug 2022 18:02

Tgt Ion:152 Resp: 149907
Ion Ratio Lower Upper
152 100
115 59.2 28.9 86.7
150 154.0 0.0 356.2

