

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022422\
 Data File : VY007622.D
 Acq On : 24 Feb 2022 17:04
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Feb 25 05:43:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 24 07:13:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	93154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	158624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	159350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	75203	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	50791	49.012	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.020%
35) Dibromofluoromethane	7.722	113	50282	50.237	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.480%
50) Toluene-d8	10.179	98	184150	49.749	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.500%
62) 4-Bromofluorobenzene	12.483	95	67913	53.661	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.320%

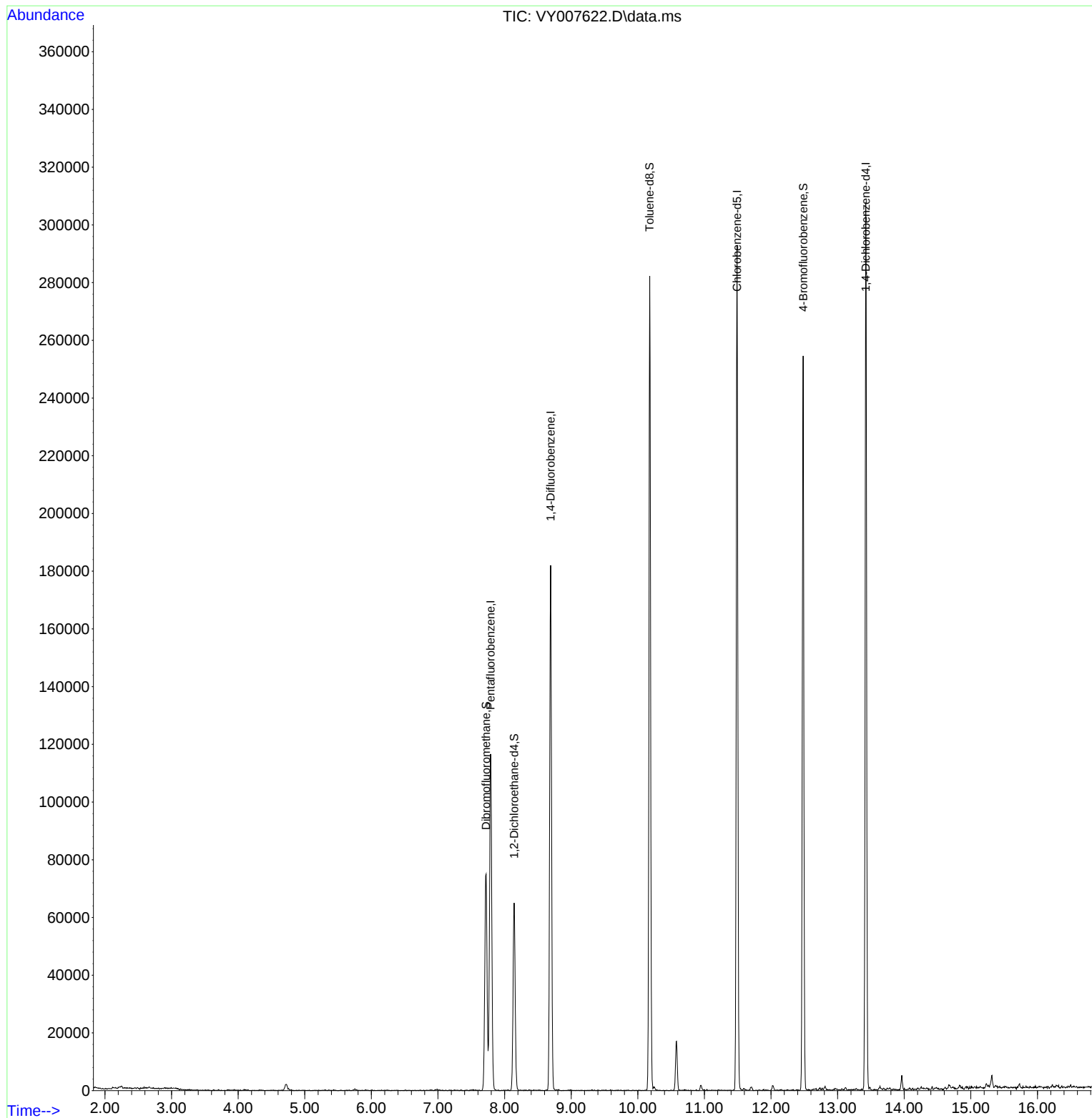
Target Compounds	Qvalue

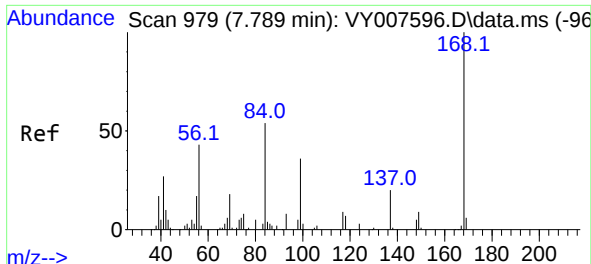
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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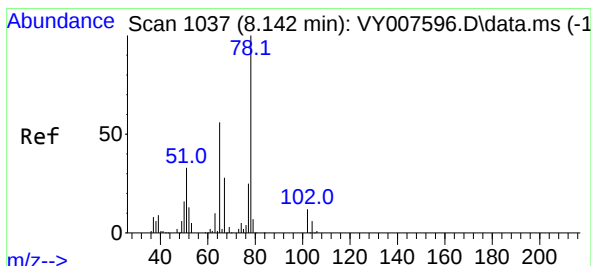
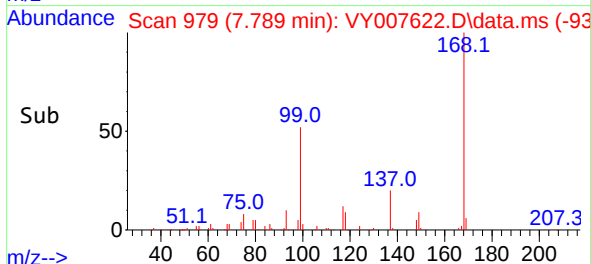
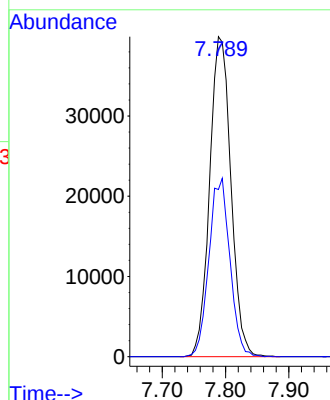
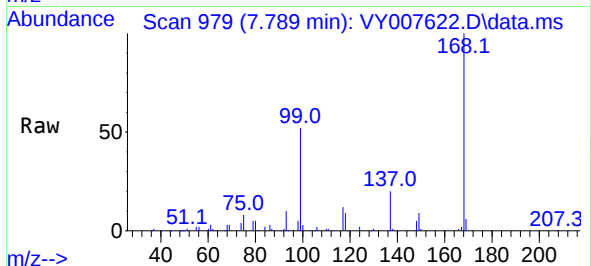




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007622.D
Acq: 24 Feb 2022 17:04

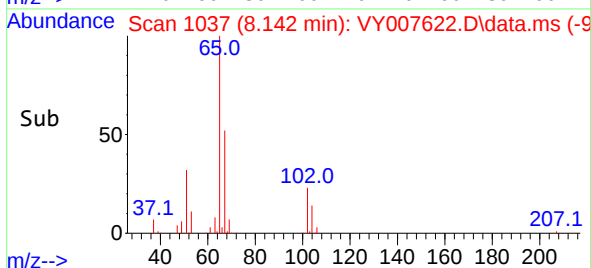
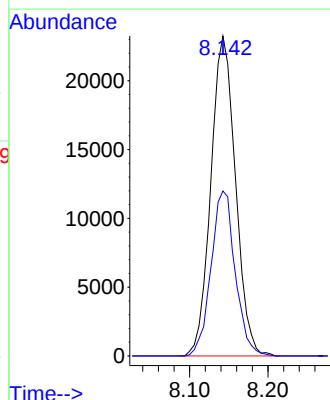
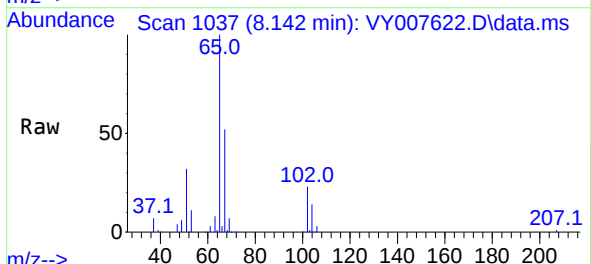
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

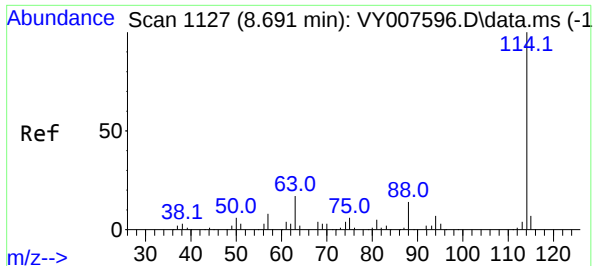
Tgt Ion:168 Resp: 93154
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 49.012 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007622.D
Acq: 24 Feb 2022 17:04

Tgt Ion: 65 Resp: 50791
Ion Ratio Lower Upper
65 100
67 50.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007622.D

Acq: 24 Feb 2022 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

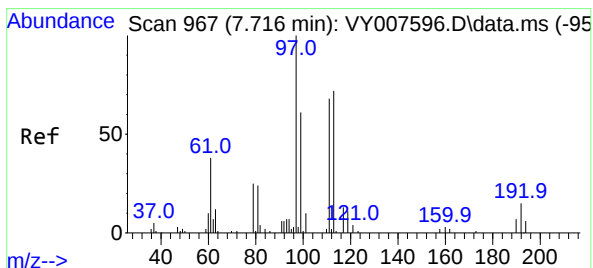
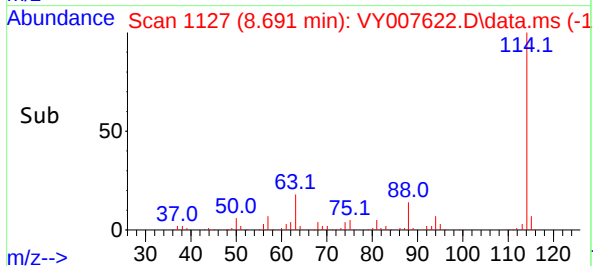
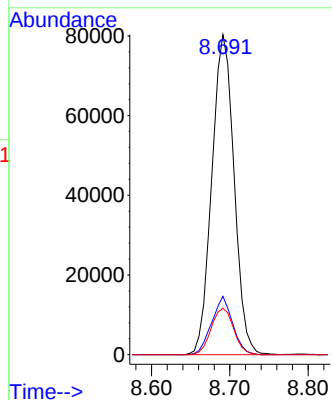
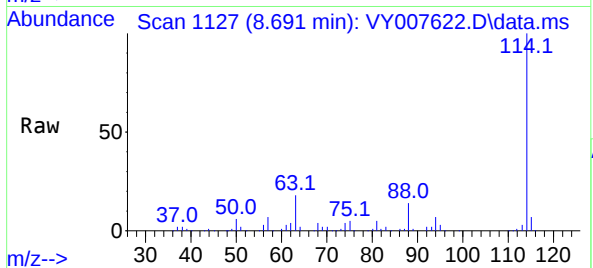
Tgt Ion:114 Resp: 158624

Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 14.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.237 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007622.D

Acq: 24 Feb 2022 17:04

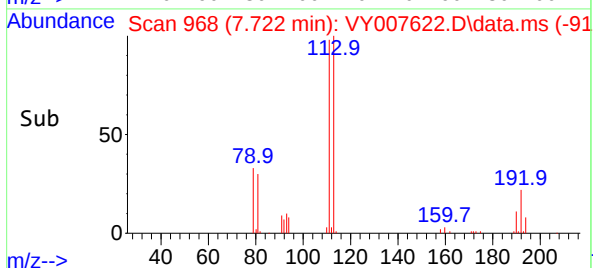
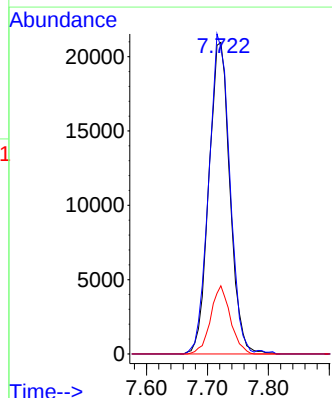
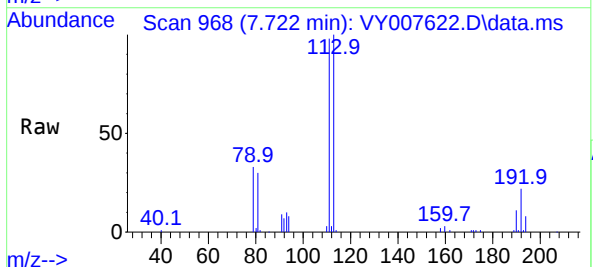
Tgt Ion:113 Resp: 50282

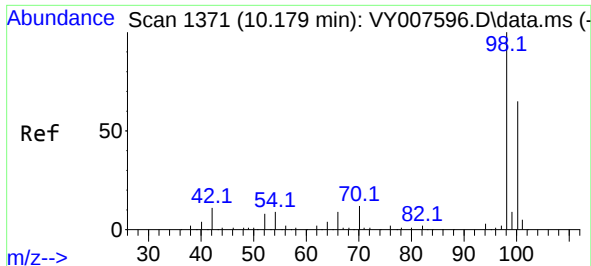
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 20.5 17.6 26.4

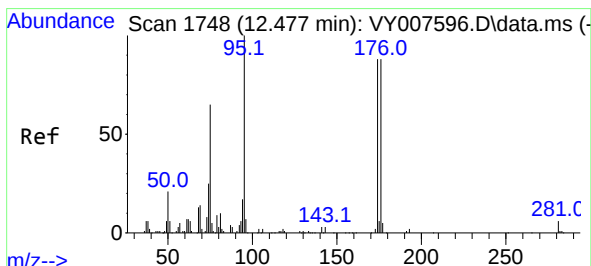
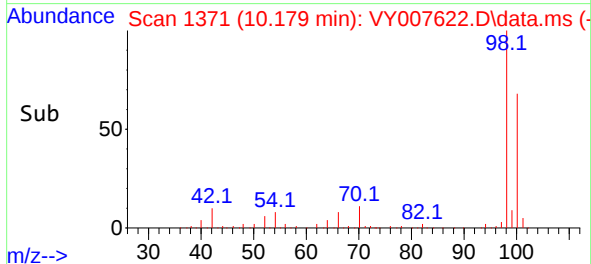
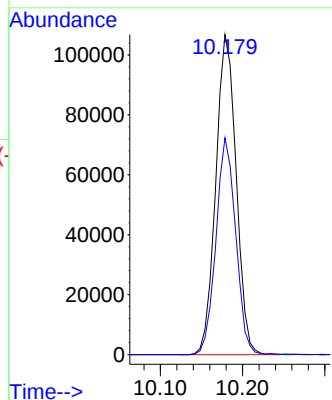
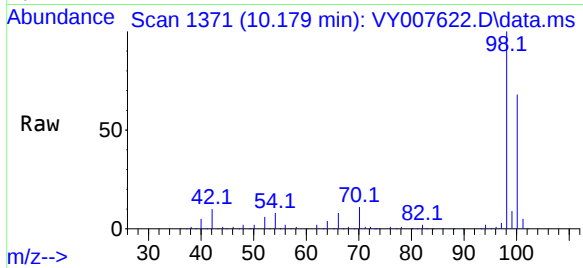




#50
Toluene-d8
Concen: 49.749 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007622.D
Acq: 24 Feb 2022 17:04

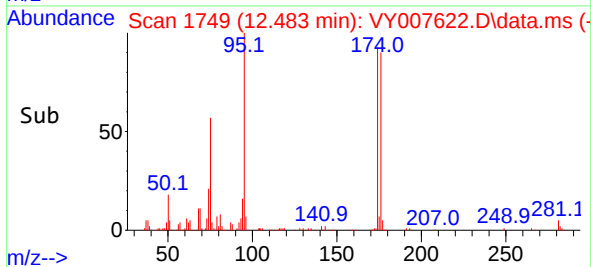
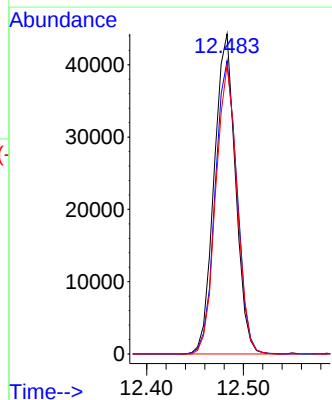
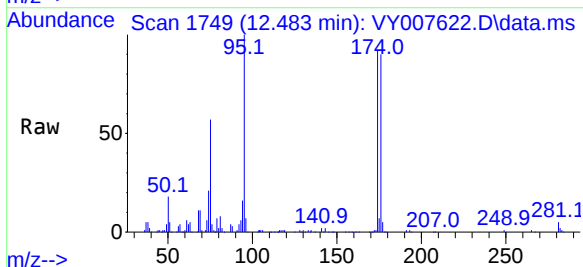
Instrument :
MSVOA_Y
ClientSampleId :
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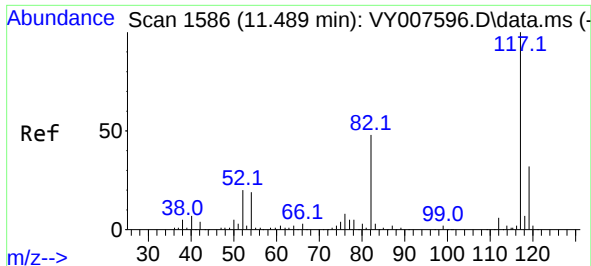
Tgt Ion: 98 Resp: 184150
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 53.661 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY007622.D
Acq: 24 Feb 2022 17:04

Tgt Ion: 95 Resp: 67913
Ion Ratio Lower Upper
95 100
174 93.3 0.0 177.0
176 89.7 0.0 175.8

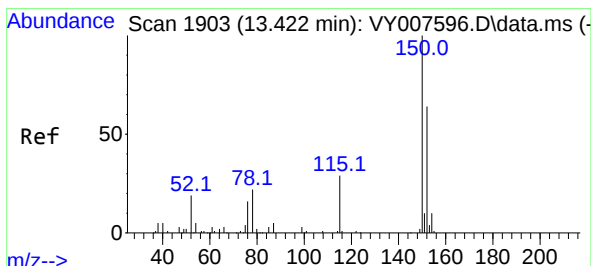
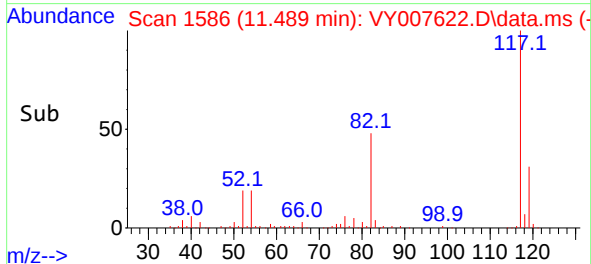
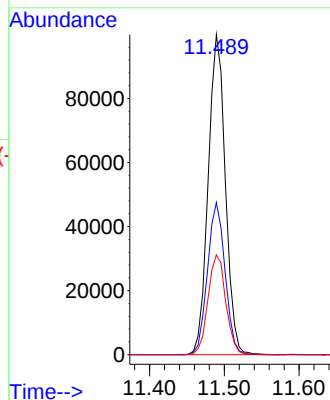
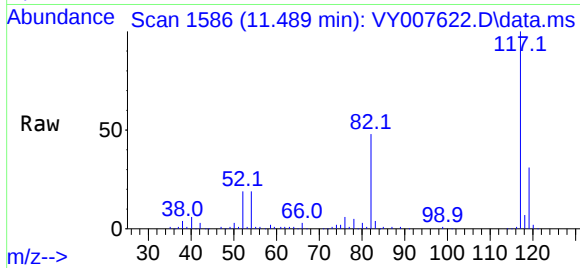




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007622.D
Acq: 24 Feb 2022 17:04

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 159350
Ion Ratio Lower Upper
117 100
82 47.6 43.0 64.4
119 31.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY007622.D
Acq: 24 Feb 2022 17:04

Tgt Ion:152 Resp: 75203
Ion Ratio Lower Upper
152 100
115 59.5 28.2 84.7
150 159.1 0.0 347.6

