

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011172.D
 Acq On : 28 Oct 2022 22:13
 Operator : KP/MD
 Sample : VY1028SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1028SBL02

Quant Time: Oct 28 23:48:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 23:42:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	250765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	440626	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	393440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	175037	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	135967	52.437	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.880%
35) Dibromofluoromethane	7.716	113	132403	48.863	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.720%
50) Toluene-d8	10.179	98	507443	47.270	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.540%
62) 4-Bromofluorobenzene	12.477	95	156633	44.593	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.180%

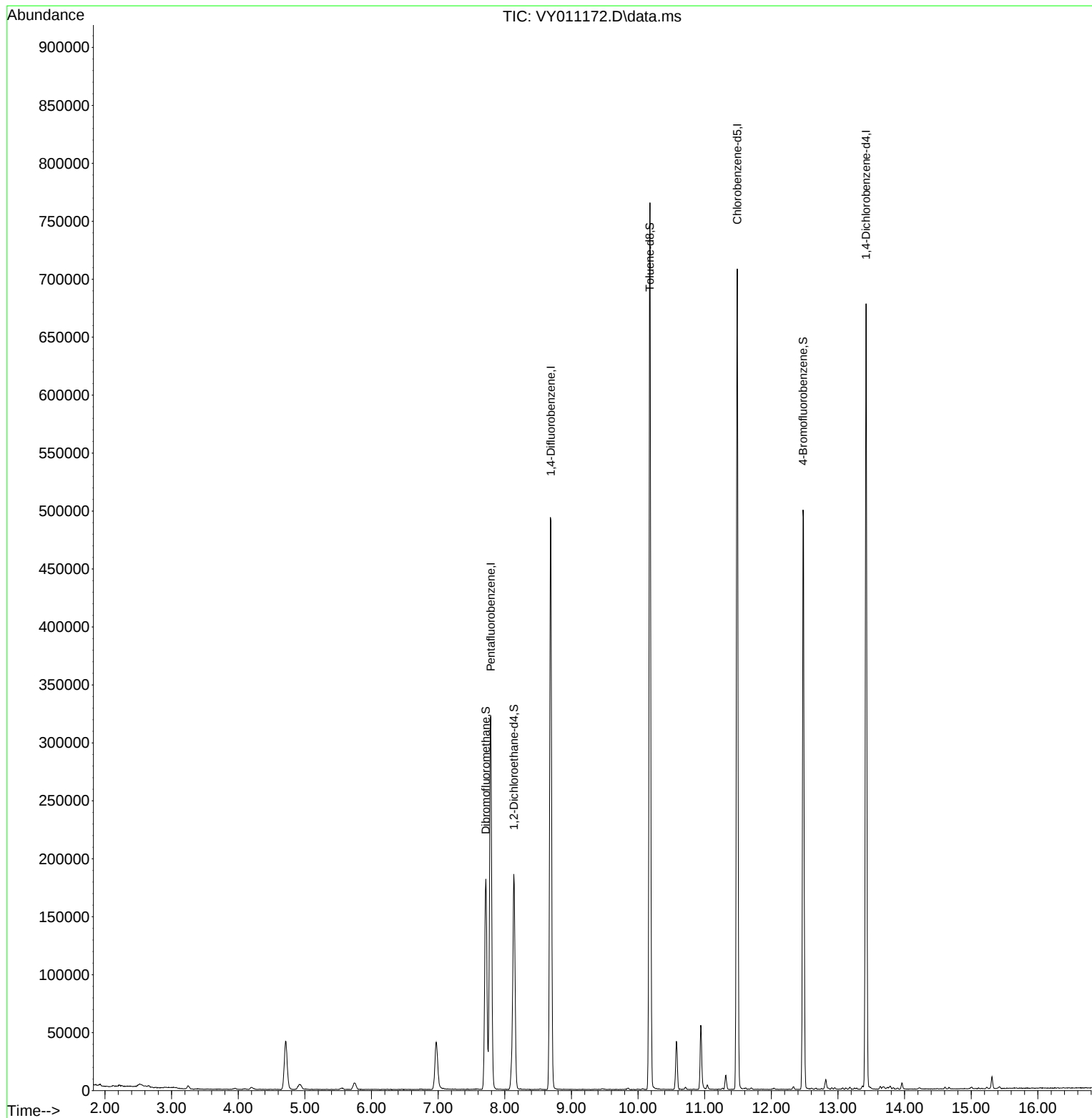
Target Compounds	Qvalue

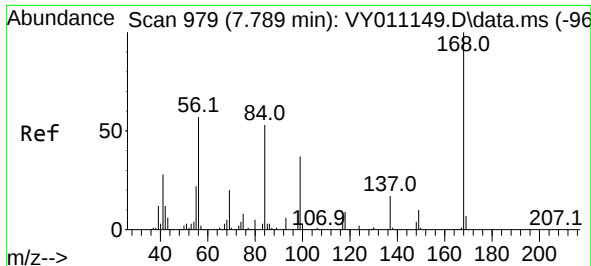
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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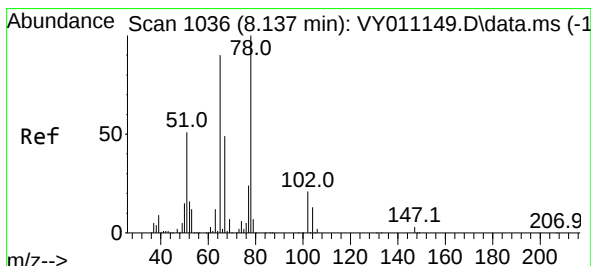
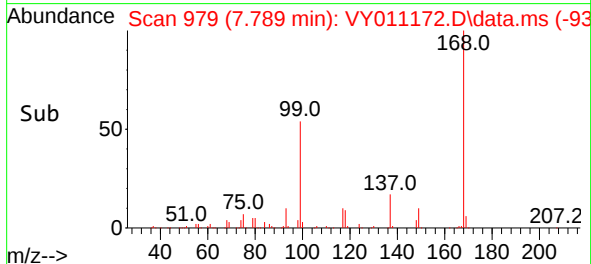
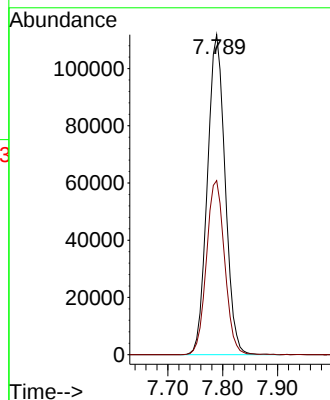
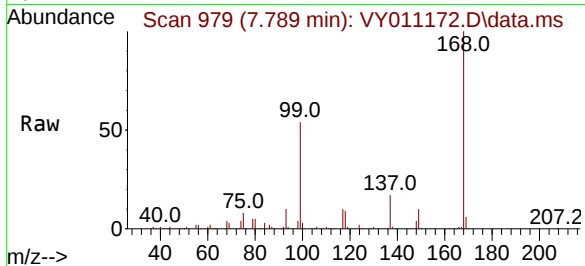




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011172.D
Acq: 28 Oct 2022 22:13

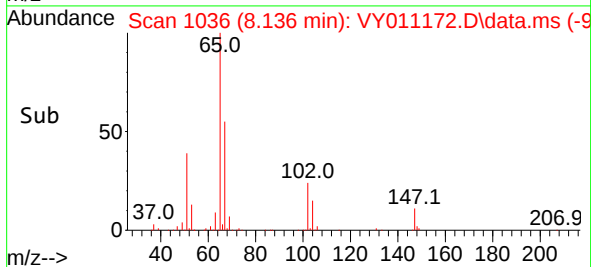
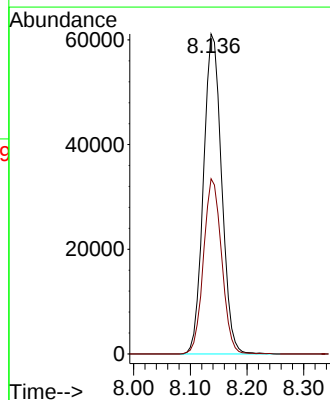
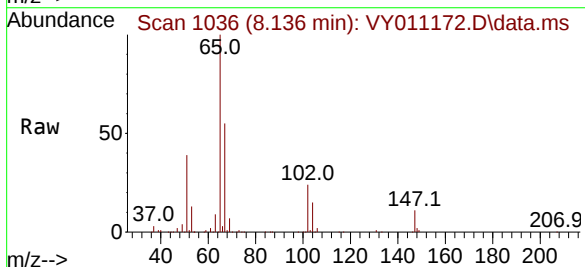
Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBL02

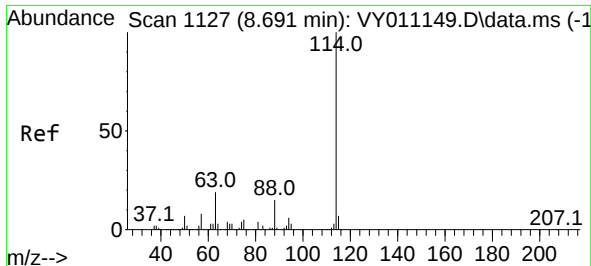
Tgt Ion:168 Resp: 250765
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 52.437 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY011172.D
Acq: 28 Oct 2022 22:13

Tgt Ion: 65 Resp: 135967
Ion Ratio Lower Upper
65 100
67 54.8 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: VY011172.D

Acq: 28 Oct 2022 22:13

Instrument :

MSVOA_Y

ClientSampleId :

VY1028SBL02

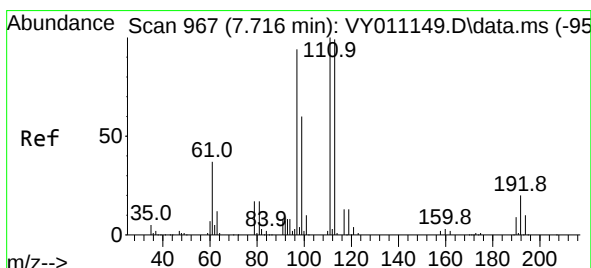
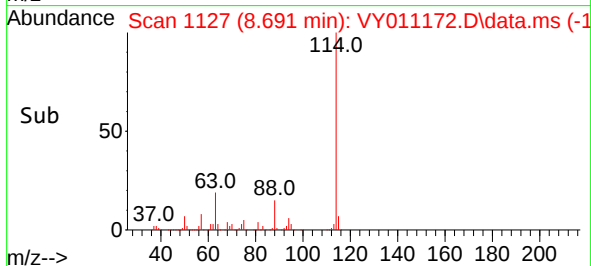
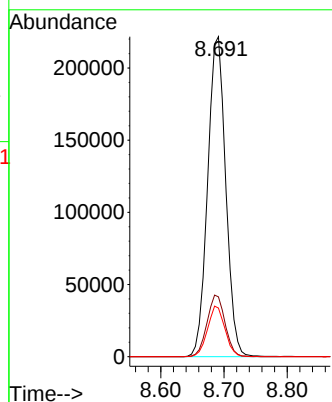
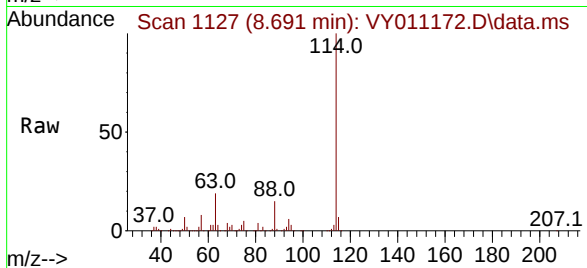
Tgt Ion:114 Resp: 440626

Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.863 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011172.D

Acq: 28 Oct 2022 22:13

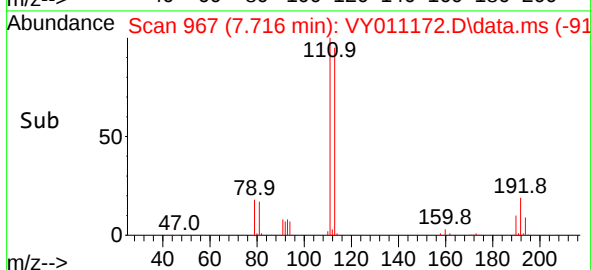
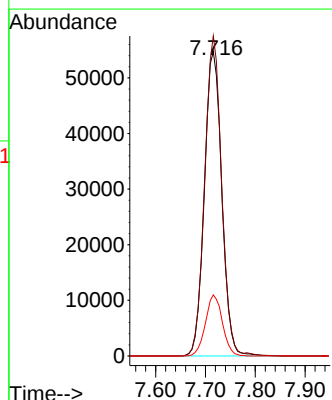
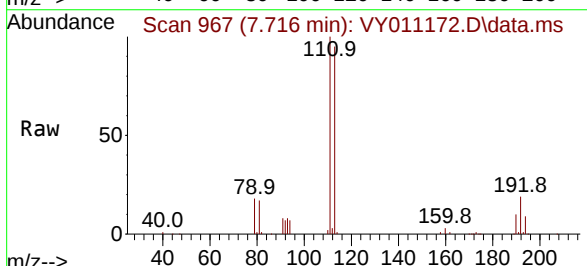
Tgt Ion:113 Resp: 132403

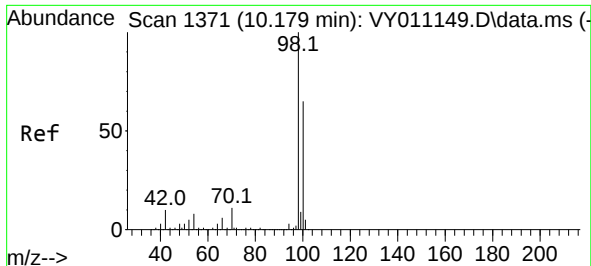
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 19.6 17.6 26.4

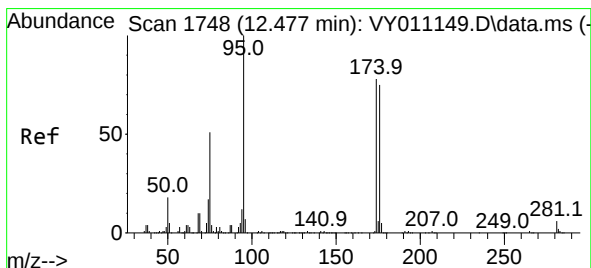
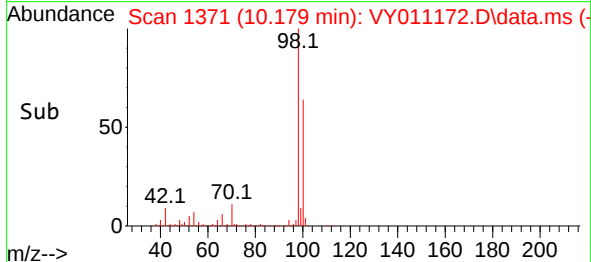
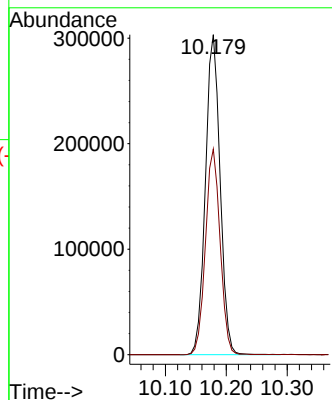
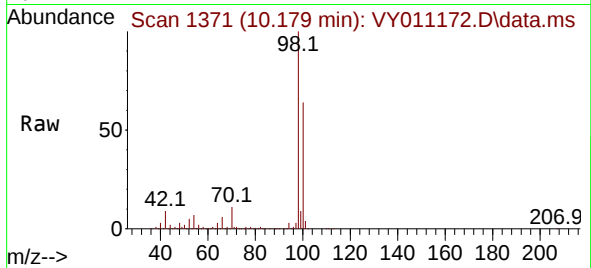




#50
Toluene-d8
Concen: 47.270 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011172.D
Acq: 28 Oct 2022 22:13

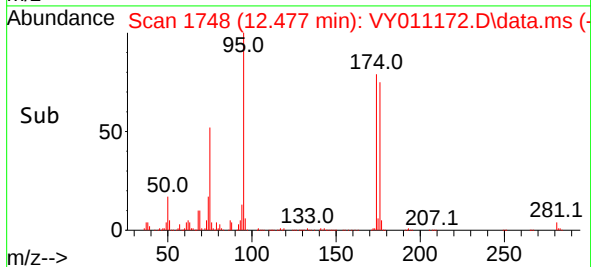
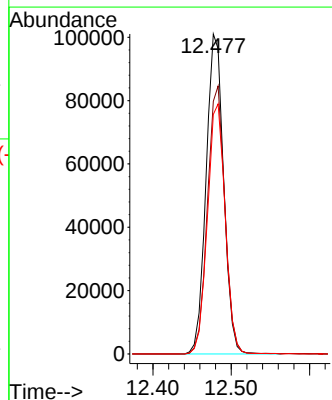
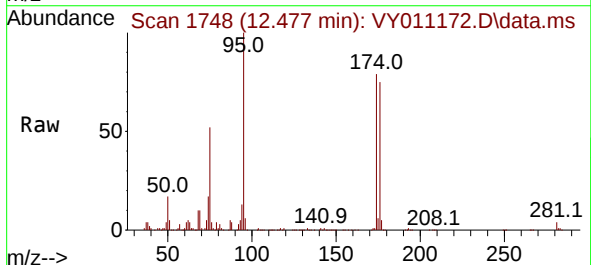
Instrument :
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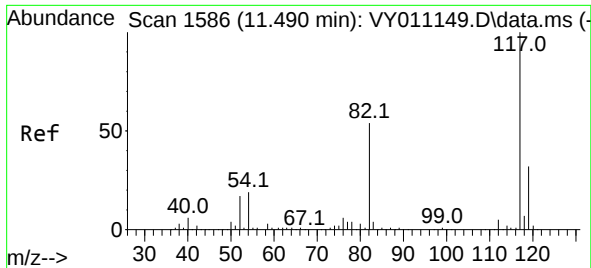
Tgt Ion: 98 Resp: 507443
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.593 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY011172.D
Acq: 28 Oct 2022 22:13

Tgt Ion: 95 Resp: 156633
Ion Ratio Lower Upper
95 100
174 83.6 0.0 177.0
176 79.2 0.0 175.8

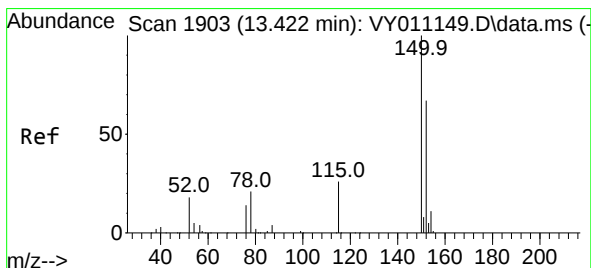
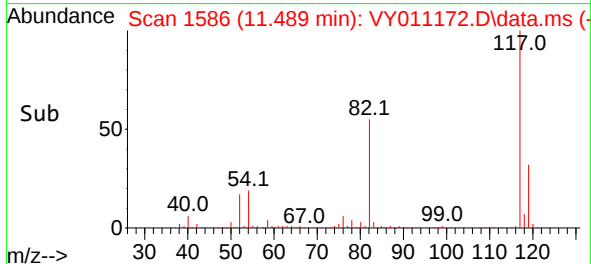
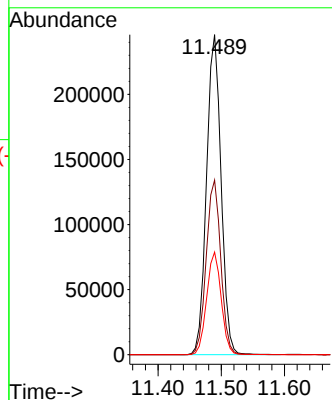
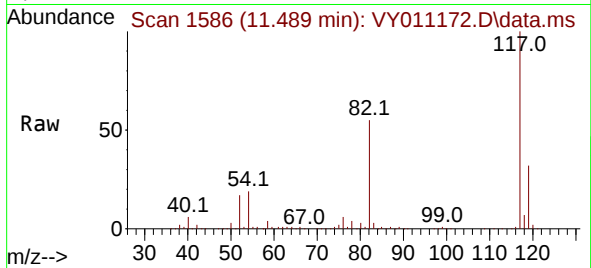




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY011172.D
Acq: 28 Oct 2022 22:13

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBL02

Tgt Ion:117 Resp: 393440
Ion Ratio Lower Upper
117 100
82 54.6 43.0 64.4
119 32.0 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: VY011172.D
Acq: 28 Oct 2022 22:13

Tgt Ion:152 Resp: 175037
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 157.5 0.0 347.6

