

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121222\
 Data File : VY011772.D
 Acq On : 12 Dec 2022 15:34
 Operator : KP/MD
 Sample : N5988-02
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11938

Quant Time: Dec 13 00:20:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	34087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	50955	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	41973	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	14747	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	12152	52.481	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.960%
35) Dibromofluoromethane	7.722	113	12052	53.508	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.020%
50) Toluene-d8	10.179	98	31712	41.611	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	83.220%
62) 4-Bromofluorobenzene	12.483	95	10048	32.405	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	64.800%

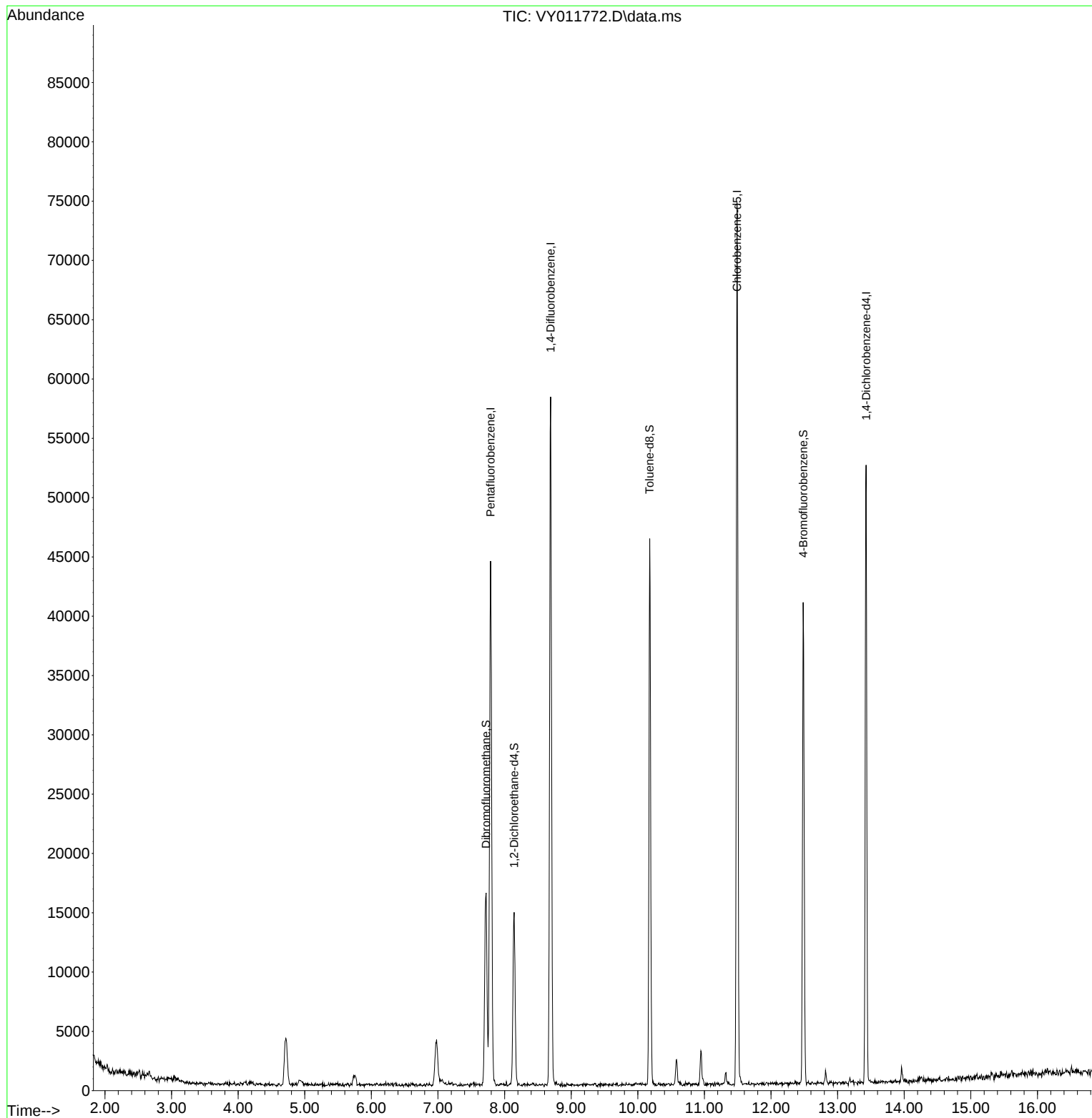
Target Compounds	Qvalue

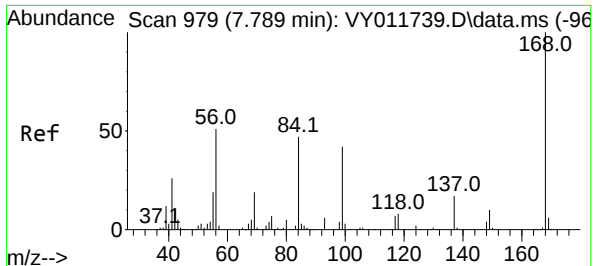
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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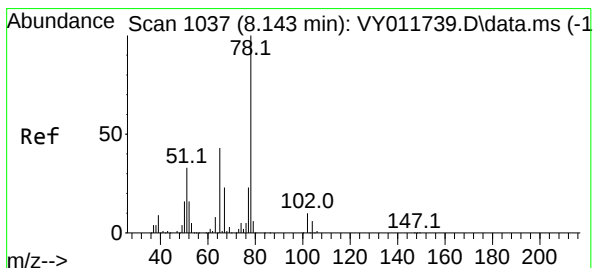
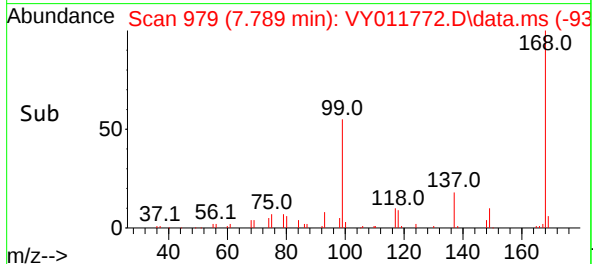
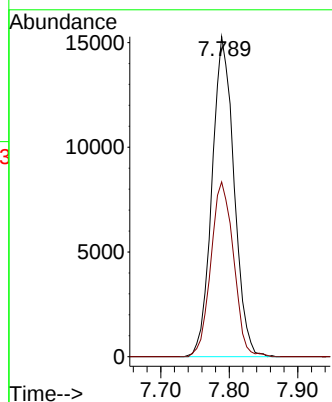
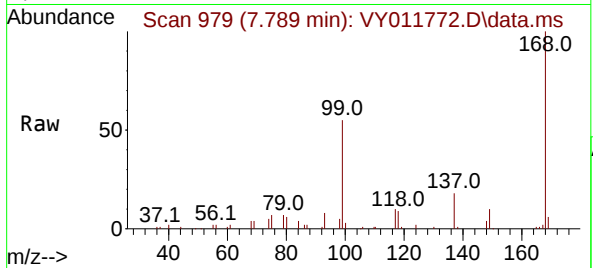




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011772.D
Acq: 12 Dec 2022 15:34

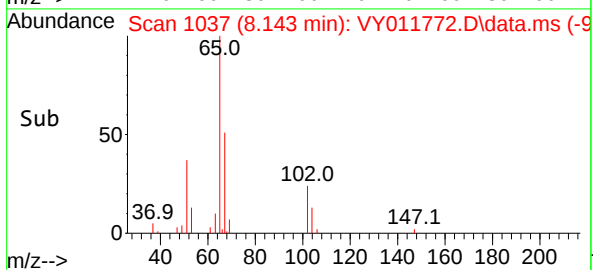
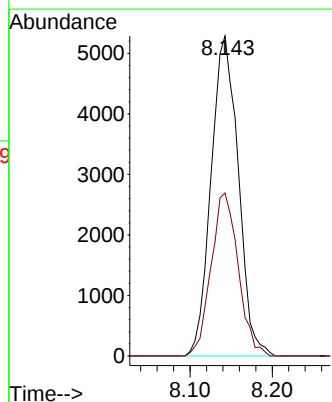
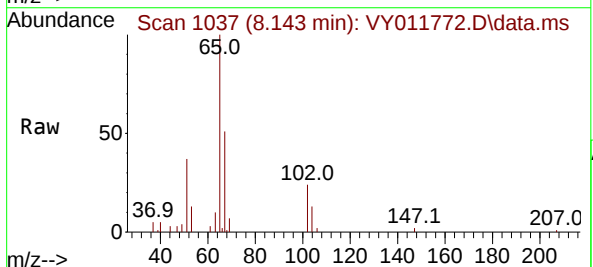
Instrument :
MSVOA_Y
ClientSampleId :
72-11938

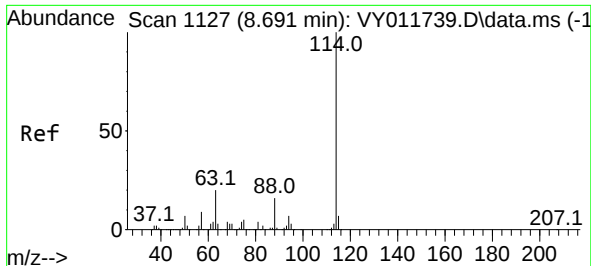
Tgt Ion:168 Resp: 34087
Ion Ratio Lower Upper
168 100
99 54.6 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 52.481 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011772.D
Acq: 12 Dec 2022 15:34

Tgt Ion: 65 Resp: 12152
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011772.D

Acq: 12 Dec 2022 15:34

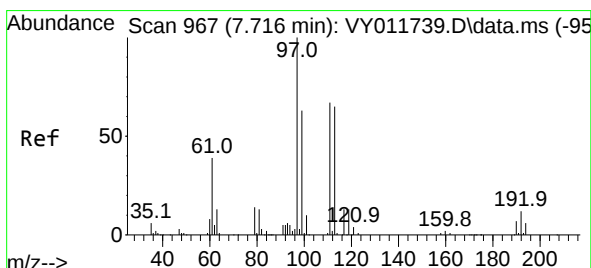
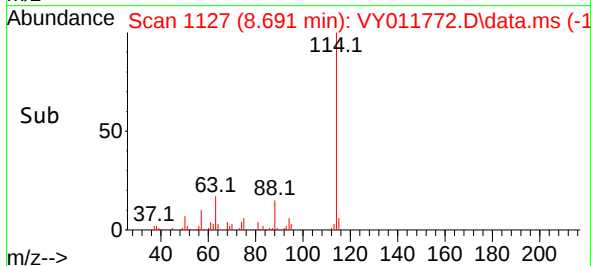
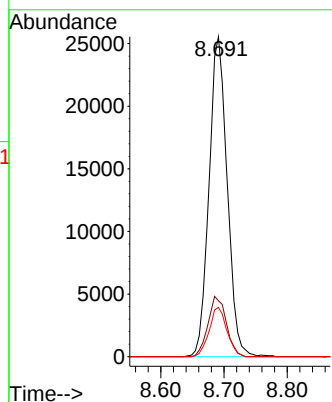
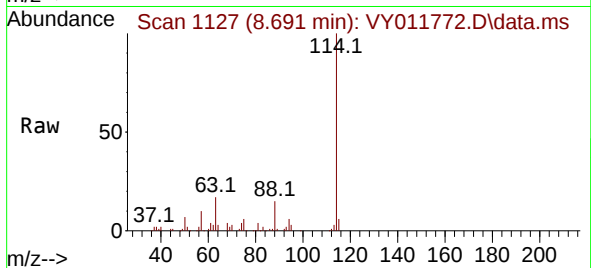
Instrument :

MSVOA_Y

ClientSampleId :

72-11938

Tgt Ion:	114	Resp:	50955
Ion Ratio	Lower	Upper	
114	100		
63	17.5	0.0	39.6
88	15.4	0.0	32.2



#35

Dibromofluoromethane

Concen: 53.508 ug/l

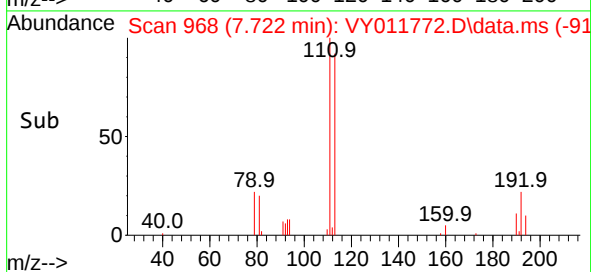
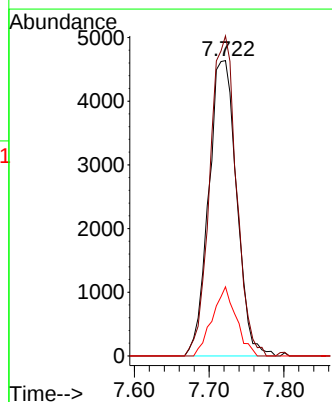
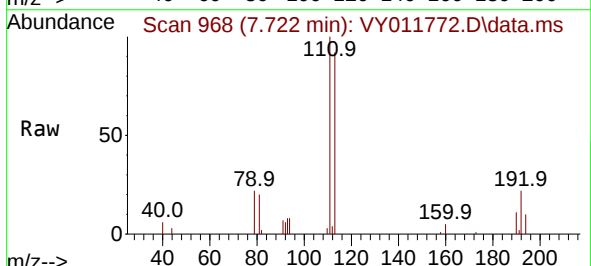
RT: 7.722 min Scan# 968

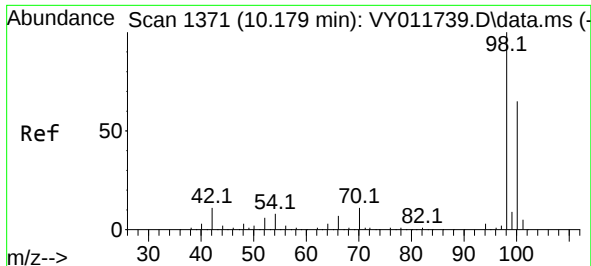
Delta R.T. 0.006 min

Lab File: VY011772.D

Acq: 12 Dec 2022 15:34

Tgt Ion:	113	Resp:	12052
Ion Ratio	Lower	Upper	
113	100		
111	102.9	83.0	124.4
192	20.1	16.0	24.0

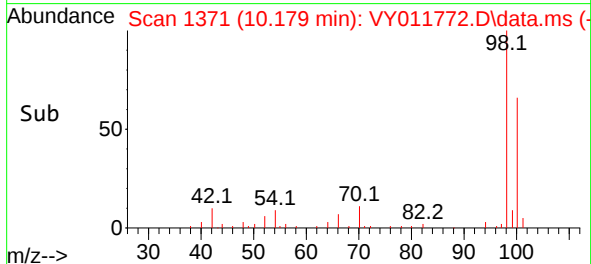
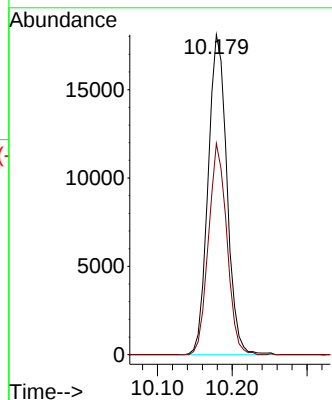
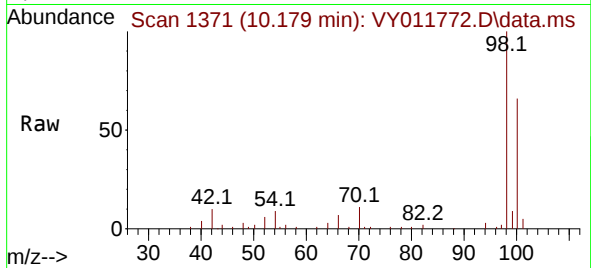




#50
Toluene-d8
Concen: 41.611 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011772.D
Acq: 12 Dec 2022 15:34

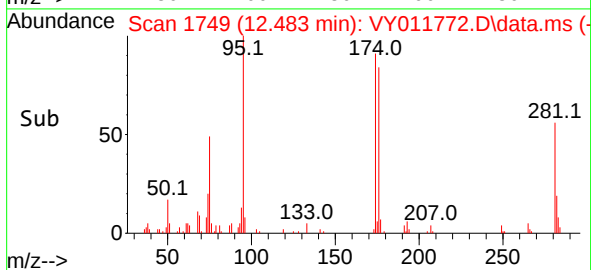
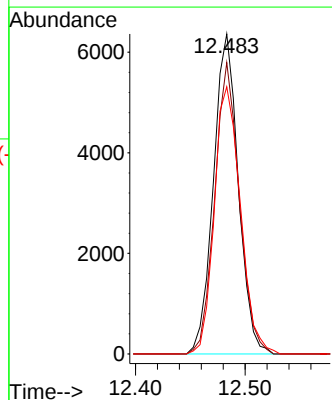
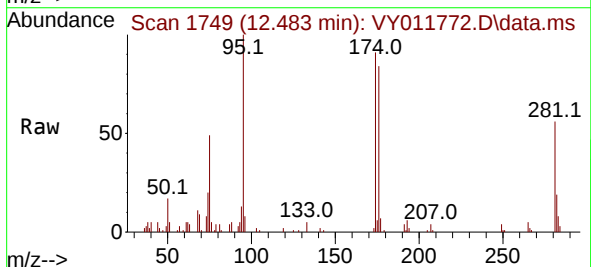
Instrument :
MSVOA_Y
ClientSampleId :
72-11938

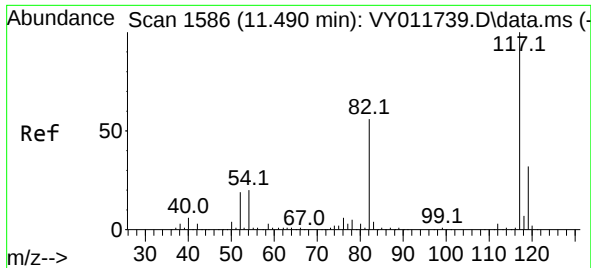
Tgt Ion: 98 Resp: 31712
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 32.405 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011772.D
Acq: 12 Dec 2022 15:34

Tgt Ion: 95 Resp: 10048
Ion Ratio Lower Upper
95 100
174 89.7 0.0 172.0
176 87.5 0.0 167.6

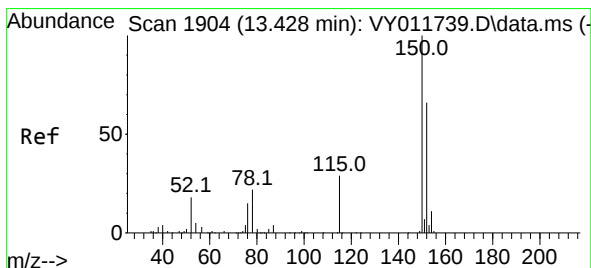
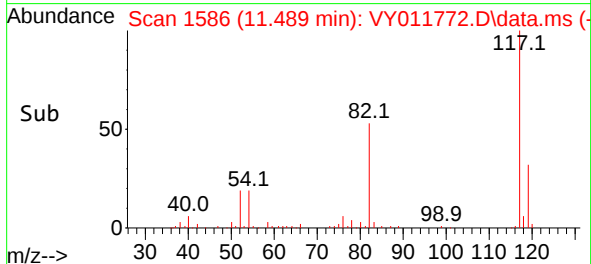
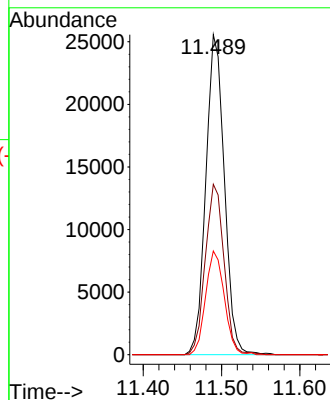
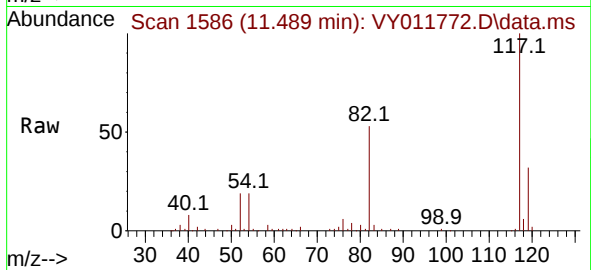




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011772.D
Acq: 12 Dec 2022 15:34

Instrument :
MSVOA_Y
ClientSampleId :
72-11938

Tgt Ion:117 Resp: 41973
Ion Ratio Lower Upper
117 100
82 53.2 44.8 67.2
119 32.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011772.D
Acq: 12 Dec 2022 15:34

Tgt Ion:152 Resp: 14747
Ion Ratio Lower Upper
152 100
115 58.3 29.1 87.3
150 156.1 0.0 342.6

