

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011123\
 Data File : VY012154.D
 Acq On : 11 Jan 2023 11:41
 Operator : KP/MD
 Sample : 01089-01RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-1-010923RE

Quant Time: Jan 11 13:04:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	5637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	8817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	8156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2793	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	3904	61.635	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.260%
35) Dibromofluoromethane	7.721	113	1661	28.661	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	57.320%
50) Toluene-d8	10.184	98	10854	47.451	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.900%
62) 4-Bromofluorobenzene	12.489	95	2899	36.258	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.520%

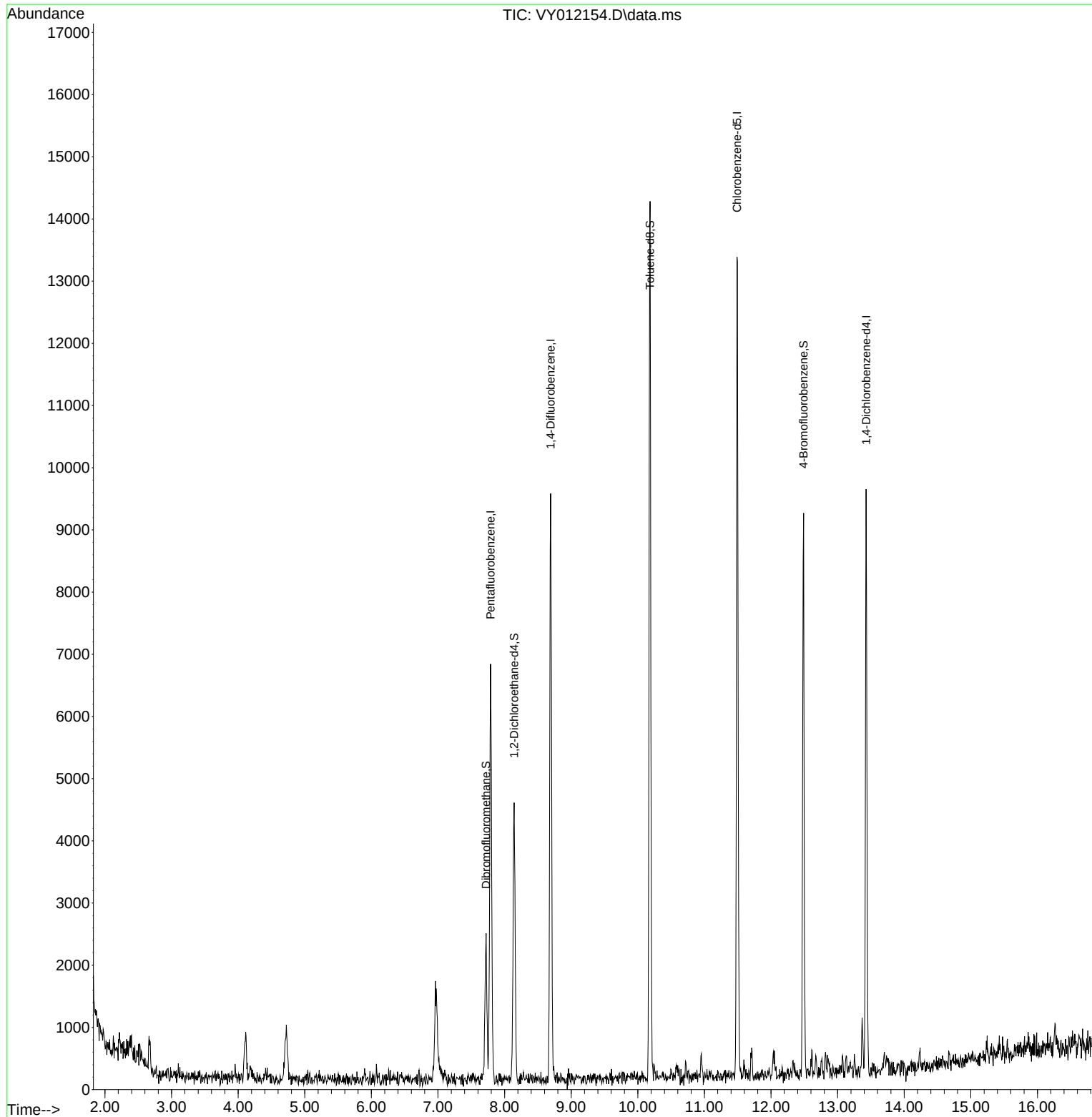
Target Compounds	Qvalue

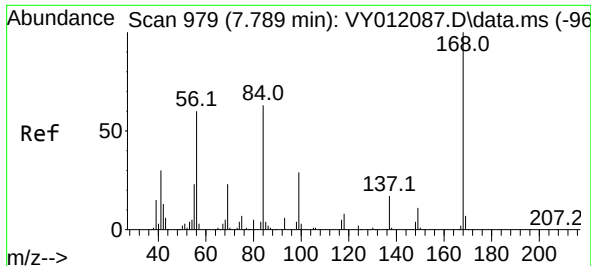
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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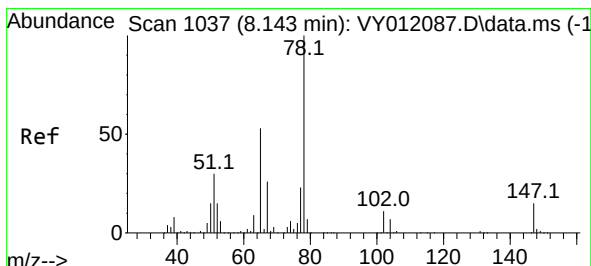
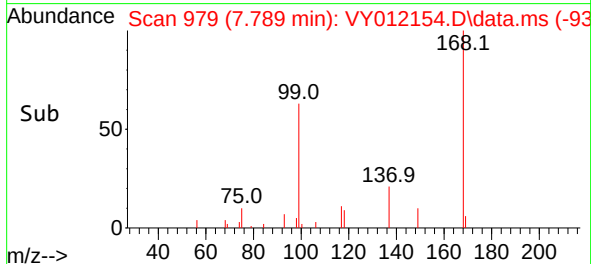
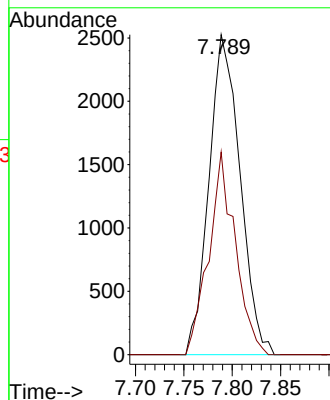
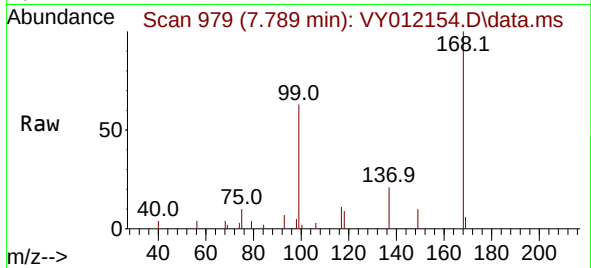




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012154.D
Acq: 11 Jan 2023 11:41

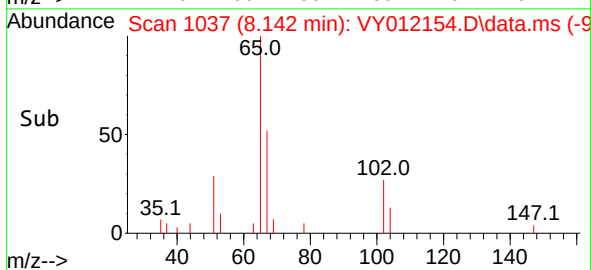
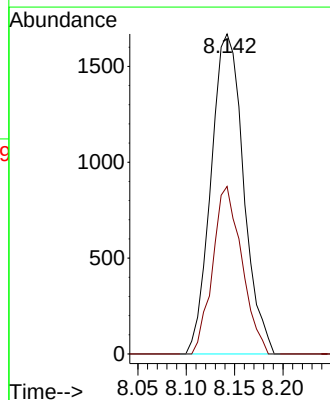
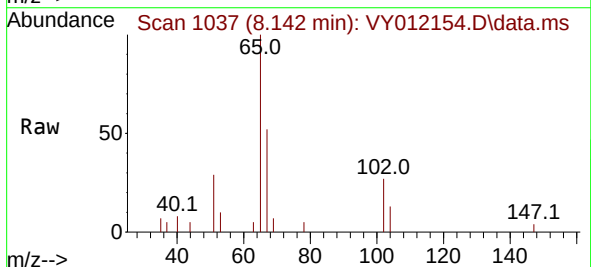
Instrument :
MSVOA_Y
ClientSampleId :
PL-1-010923RE

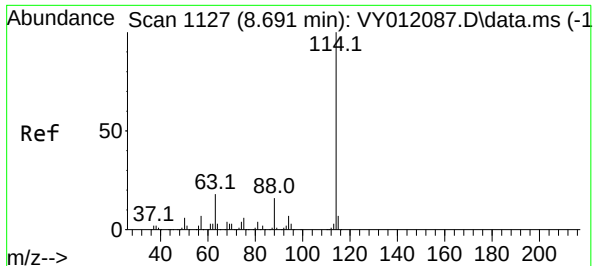
Tgt Ion:168 Resp: 5637
Ion Ratio Lower Upper
168 100
99 63.3 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 61.635 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012154.D
Acq: 11 Jan 2023 11:41

Tgt Ion: 65 Resp: 3904
Ion Ratio Lower Upper
65 100
67 46.8 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: VY012154.D

Acq: 11 Jan 2023 11:41

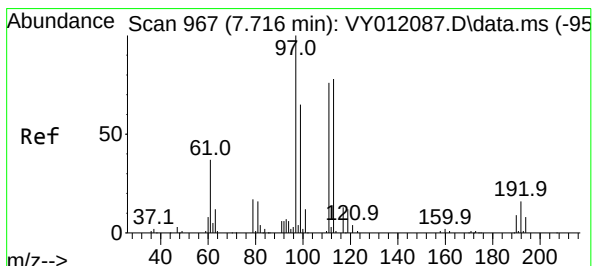
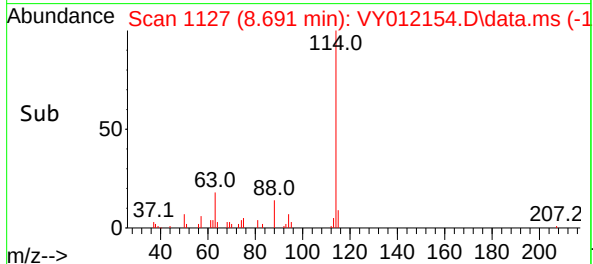
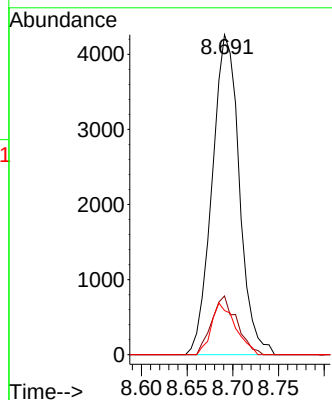
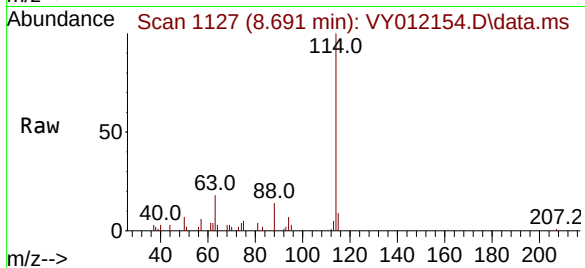
Instrument :

MSVOA_Y

ClientSampleId :

PL-1-010923RE

Tgt Ion:114	Resp:	8817
Ion	Ratio	Lower Upper
114	100	
63	18.3	0.0 39.6
88	13.8	0.0 32.2



#35

Dibromofluoromethane

Concen: 28.661 ug/l

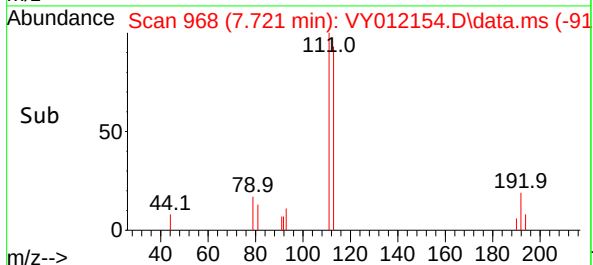
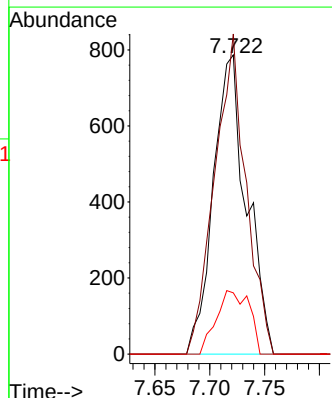
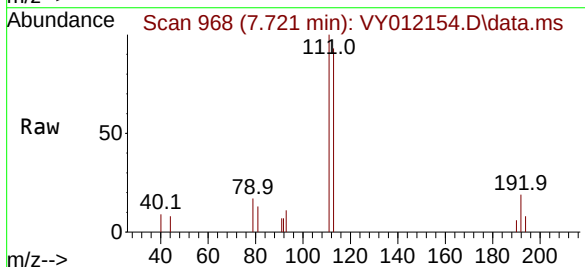
RT: 7.721 min Scan# 968

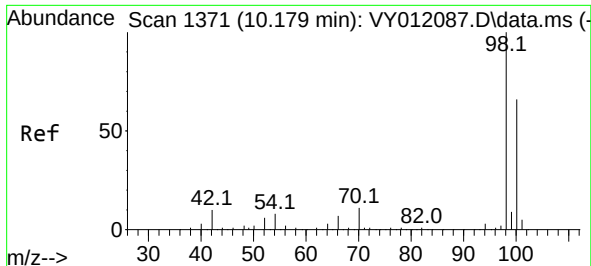
Delta R.T. 0.005 min

Lab File: VY012154.D

Acq: 11 Jan 2023 11:41

Tgt Ion:113	Resp:	1661
Ion	Ratio	Lower Upper
113	100	
111	100.4	83.0 124.4
192	20.9	16.0 24.0

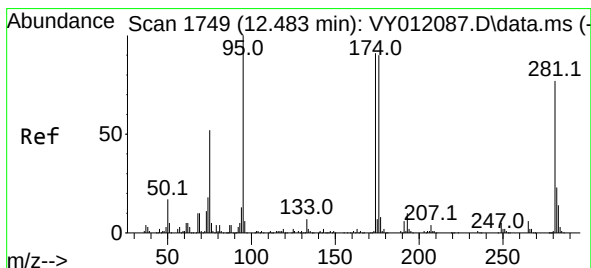
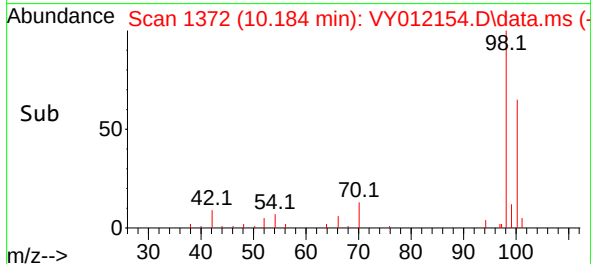
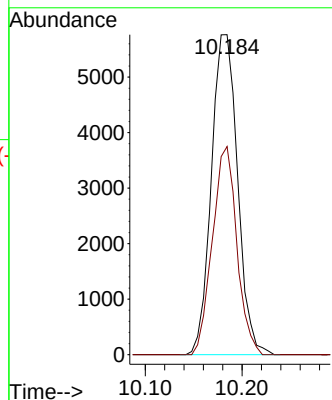
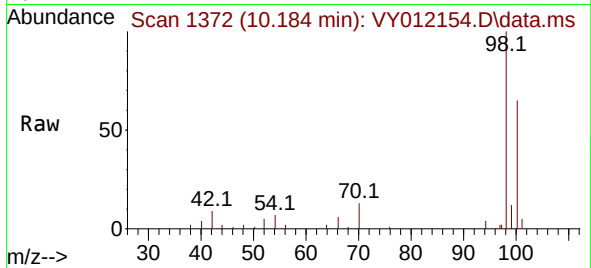




#50
Toluene-d8
Concen: 47.451 ug/l
RT: 10.184 min Scan# 11
Delta R.T. 0.005 min
Lab File: VY012154.D
Acq: 11 Jan 2023 11:41

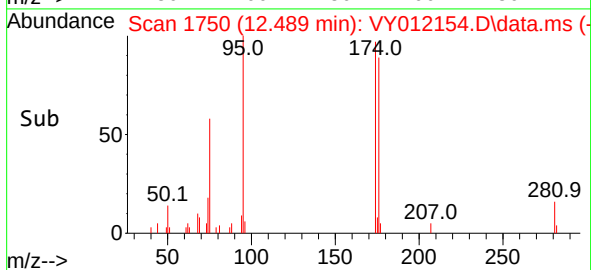
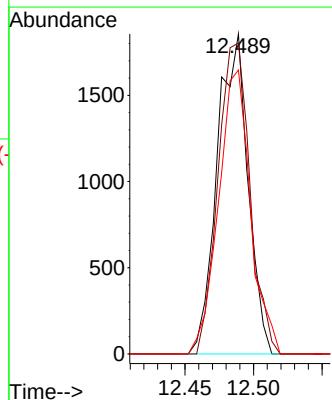
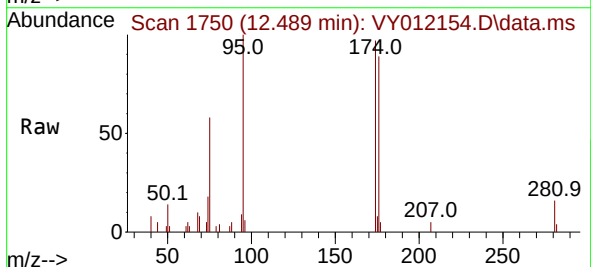
Instrument :
MSVOA_Y
ClientSampleId :
PL-1-010923RE

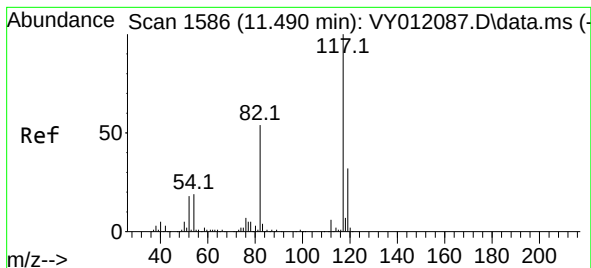
Tgt Ion: 98 Resp: 10854
Ion Ratio Lower Upper
98 100
100 60.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 36.258 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY012154.D
Acq: 11 Jan 2023 11:41

Tgt Ion: 95 Resp: 2899
Ion Ratio Lower Upper
95 100
174 100.5 0.0 172.0
176 92.0 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY012154.D

Acq: 11 Jan 2023 11:41

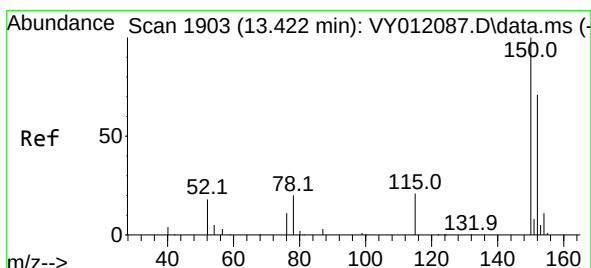
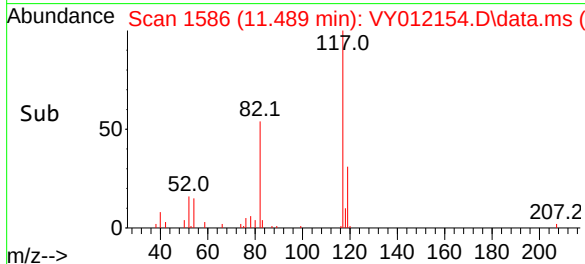
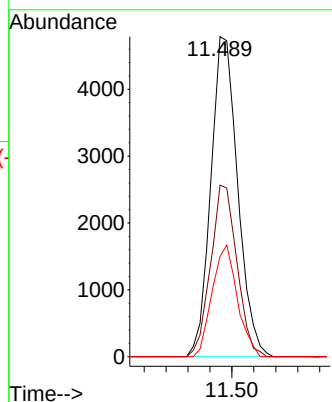
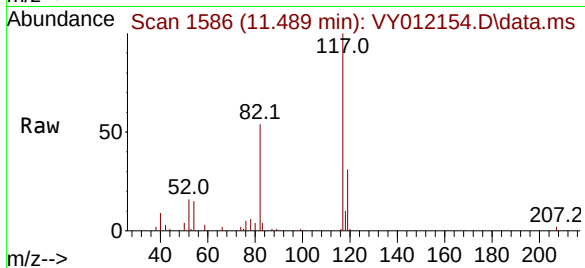
Instrument :

MSVOA_Y

ClientSampleId :

PL-1-010923RE

Tgt Ion:117	Resp:	8156
Ion	Ratio	Lower Upper
117	100	
82	53.6	44.8 67.2
119	31.4	25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012154.D

Acq: 11 Jan 2023 11:41

Tgt Ion:152	Resp:	2793
Ion	Ratio	Lower Upper
152	100	
115	53.7	29.1 87.3
150	152.0	0.0 342.6

