

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011723\
 Data File : VY012217.D
 Acq On : 17 Jan 2023 12:16
 Operator : KP/MD
 Sample : 01157-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-4-011323

Quant Time: Jan 18 00:31:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	49777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	74825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	63254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	25968	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	24636	60.539	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.080%
35) Dibromofluoromethane	7.722	113	21718	54.816	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.640%
50) Toluene-d8	10.178	98	85117	63.143	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	126.280%
62) 4-Bromofluorobenzene	12.483	95	22962	41.112	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.220%

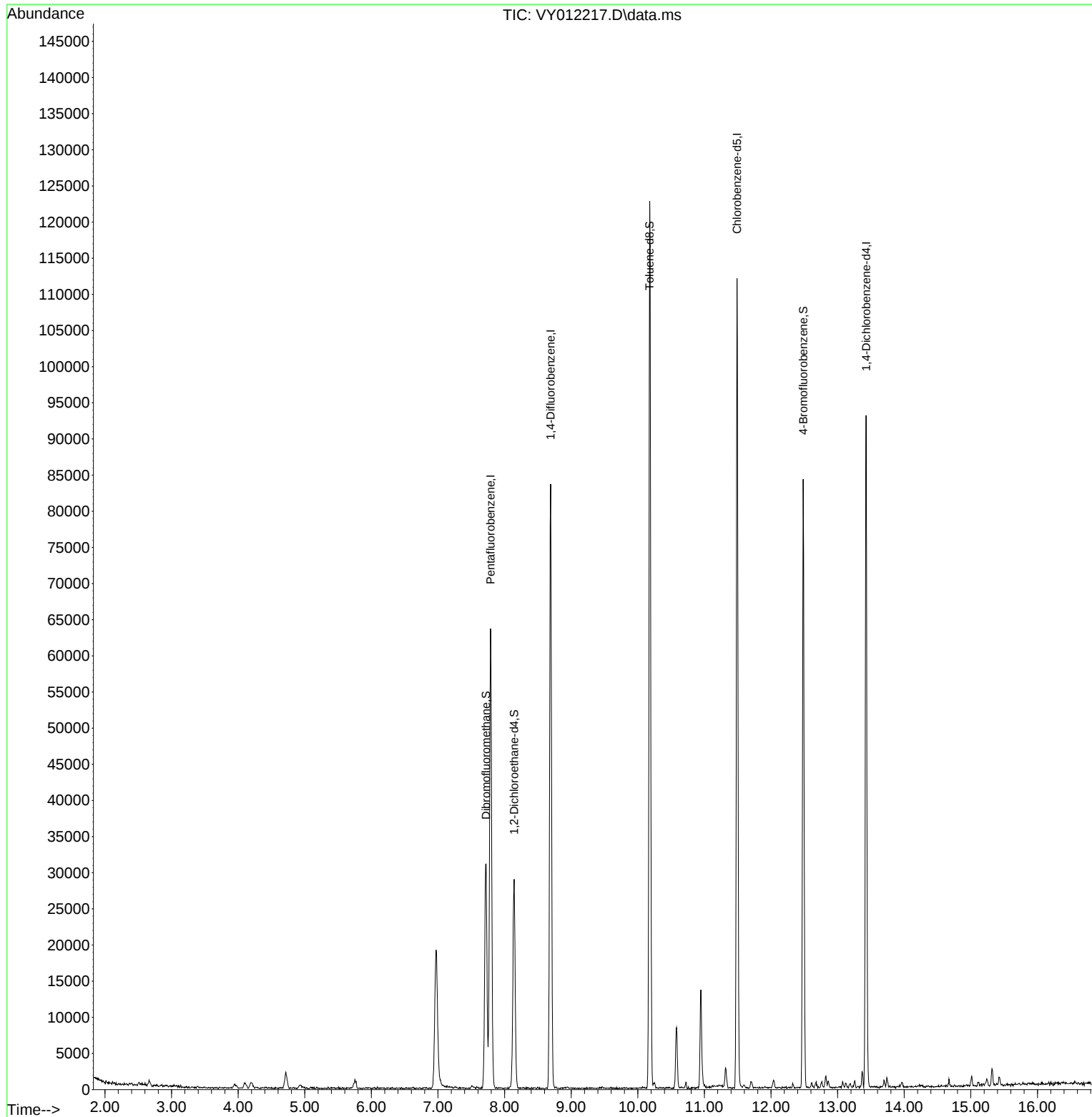
Target Compounds	Qvalue

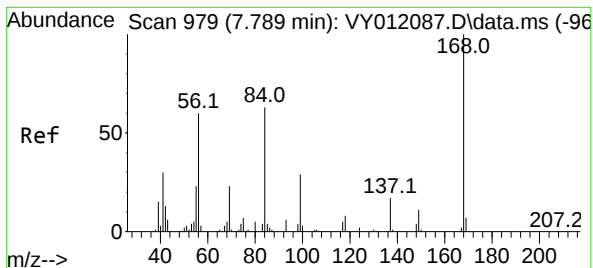
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011723\
Data File : VY012217.D
Acq On : 17 Jan 2023 12:16
Operator : KP/MD
Sample : 01157-01
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-4-011323

Quant Time: Jan 18 00:31:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY012217.D

Acq: 17 Jan 2023 12:16

Instrument :

MSVOA_Y

ClientSampleId :

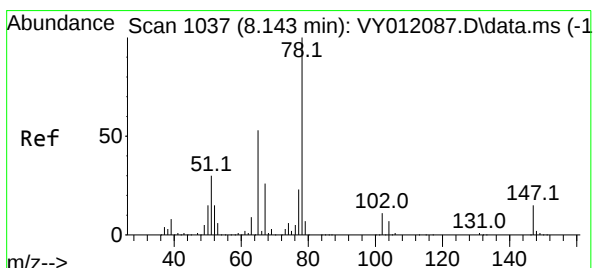
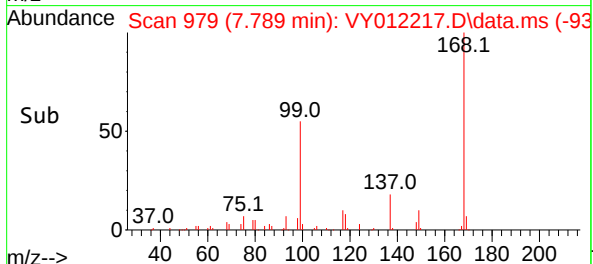
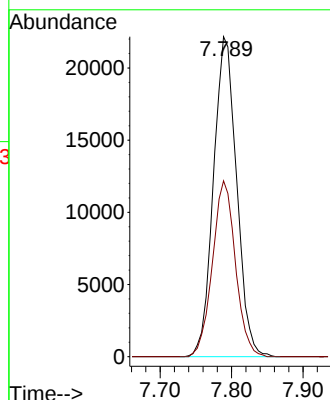
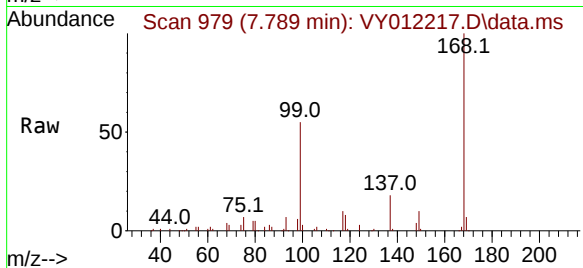
TR-4-011323

Tgt Ion:168 Resp: 49777

Ion Ratio Lower Upper

168 100

99 54.9 44.0 66.0



#33

1,2-Dichloroethane-d4

Concen: 60.539 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012217.D

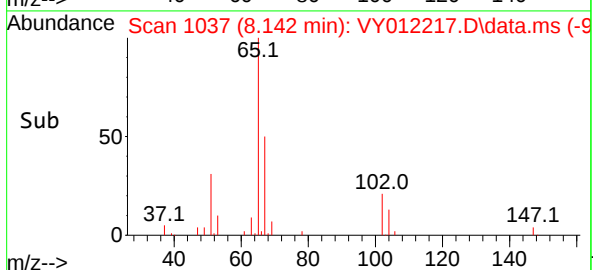
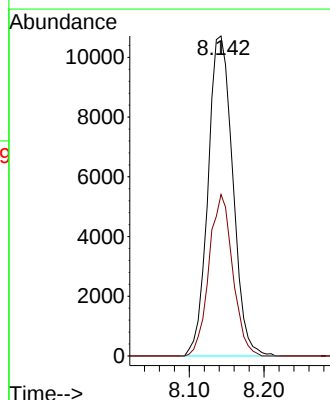
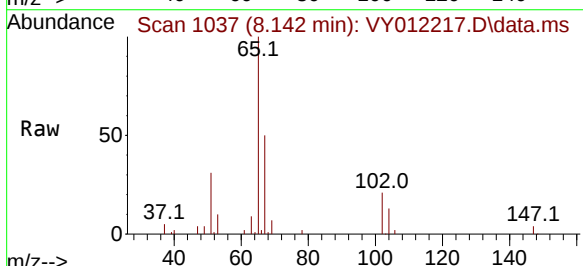
Acq: 17 Jan 2023 12:16

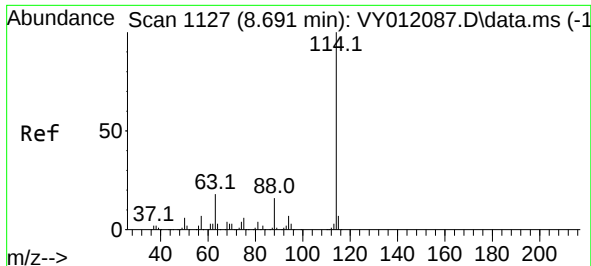
Tgt Ion: 65 Resp: 24636

Ion Ratio Lower Upper

65 100

67 48.3 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: VY012217.D

Acq: 17 Jan 2023 12:16

Instrument :

MSVOA_Y

ClientSampleId :

TR-4-011323

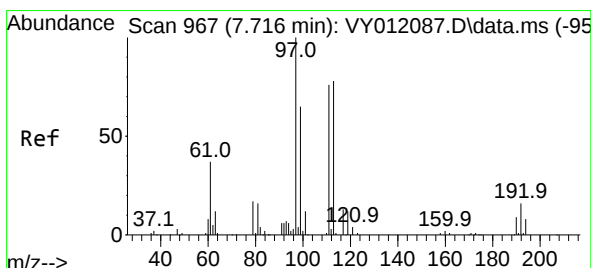
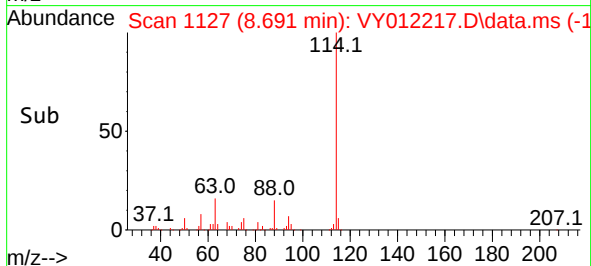
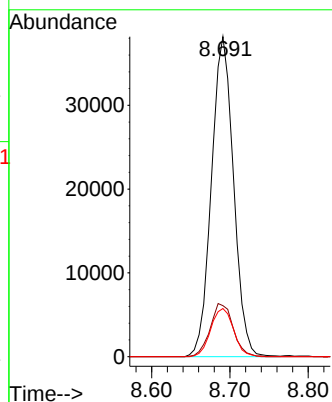
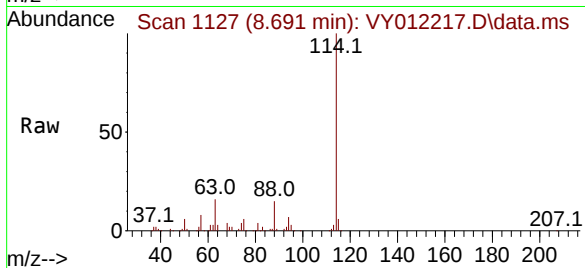
Tgt Ion:114 Resp: 74825

Ion Ratio Lower Upper

114 100

63 15.9 0.0 39.6

88 15.0 0.0 32.2



#35

Dibromofluoromethane

Concen: 54.816 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012217.D

Acq: 17 Jan 2023 12:16

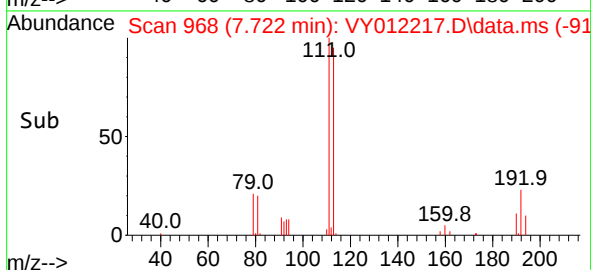
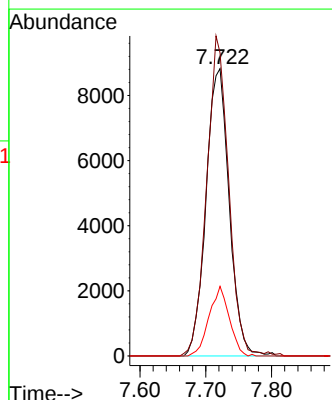
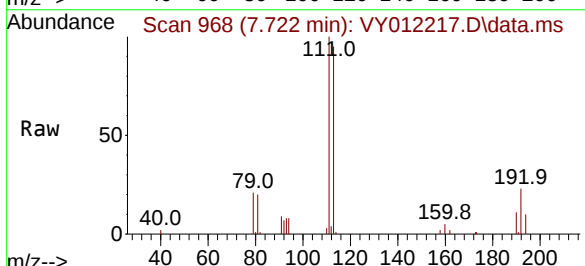
Tgt Ion:113 Resp: 21718

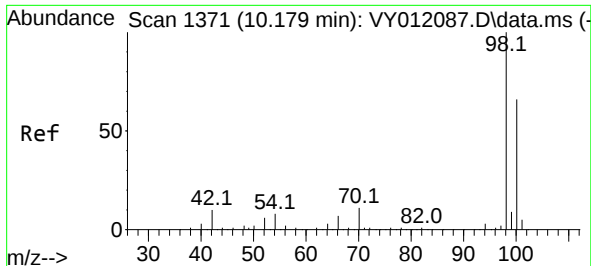
Ion Ratio Lower Upper

113 100

111 105.3 83.0 124.4

192 21.0 16.0 24.0

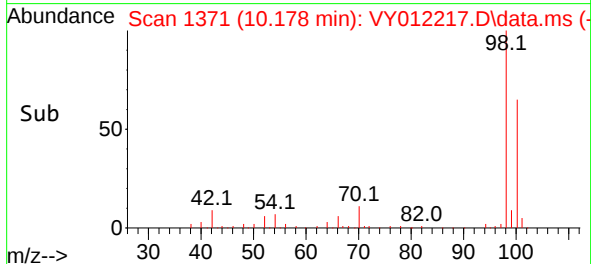
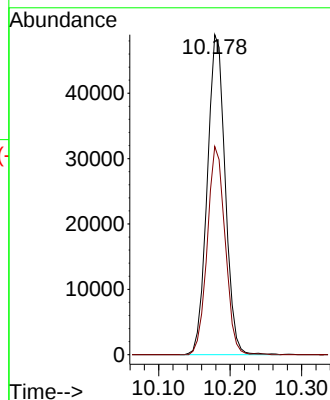
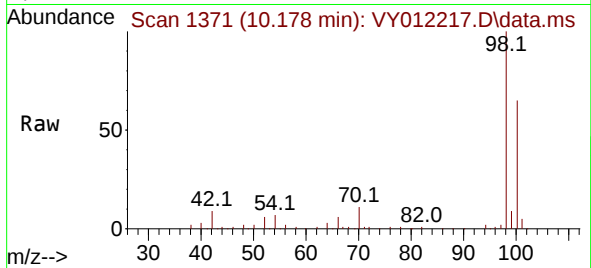




#50
Toluene-d8
Concen: 63.143 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012217.D
Acq: 17 Jan 2023 12:16

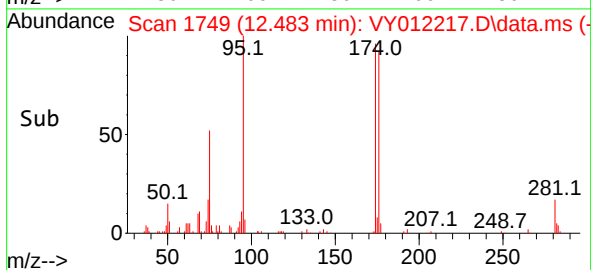
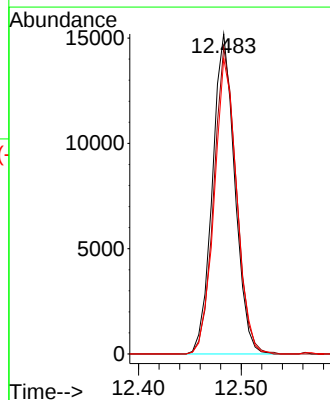
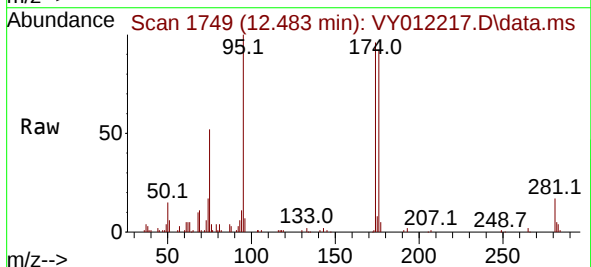
Instrument :
MSVOA_Y
ClientSampleId :
TR-4-011323

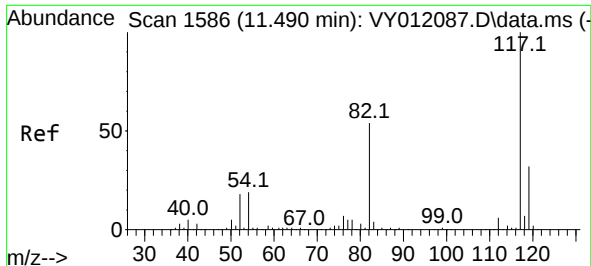
Tgt Ion: 98 Resp: 85117
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 41.112 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012217.D
Acq: 17 Jan 2023 12:16

Tgt Ion: 95 Resp: 22962
Ion Ratio Lower Upper
95 100
174 96.2 0.0 172.0
176 92.6 0.0 167.6

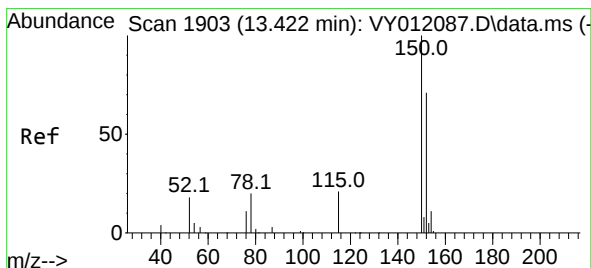
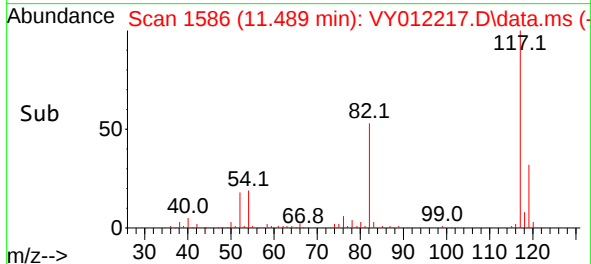
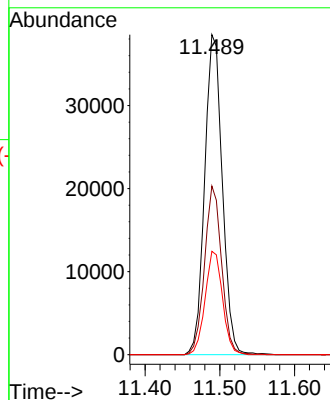
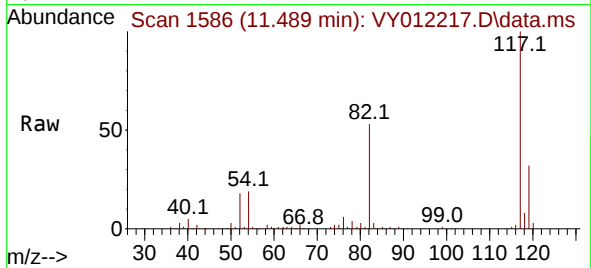




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012217.D
Acq: 17 Jan 2023 12:16

Instrument :
MSVOA_Y
ClientSampleId :
TR-4-011323

Tgt Ion:117 Resp: 63254
Ion Ratio Lower Upper
117 100
82 52.7 44.8 67.2
119 32.3 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: VY012217.D
Acq: 17 Jan 2023 12:16

Tgt Ion:152 Resp: 25968
Ion Ratio Lower Upper
152 100
115 55.6 29.1 87.3
150 156.1 0.0 342.6

