

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100422\
 Data File : VY010796.D
 Acq On : 04 Oct 2022 15:32
 Operator : KP/MD
 Sample : N4948-04
 Misc : 6.69g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-9

Quant Time: Oct 05 07:31:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	32508	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	50832	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	43979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	18085	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	14092	42.767	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.540%
35) Dibromofluoromethane	7.716	113	14085	41.742	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.480%
50) Toluene-d8	10.179	98	38682	33.521	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	67.040%
62) 4-Bromofluorobenzene	12.483	95	13390	28.088	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	56.180%

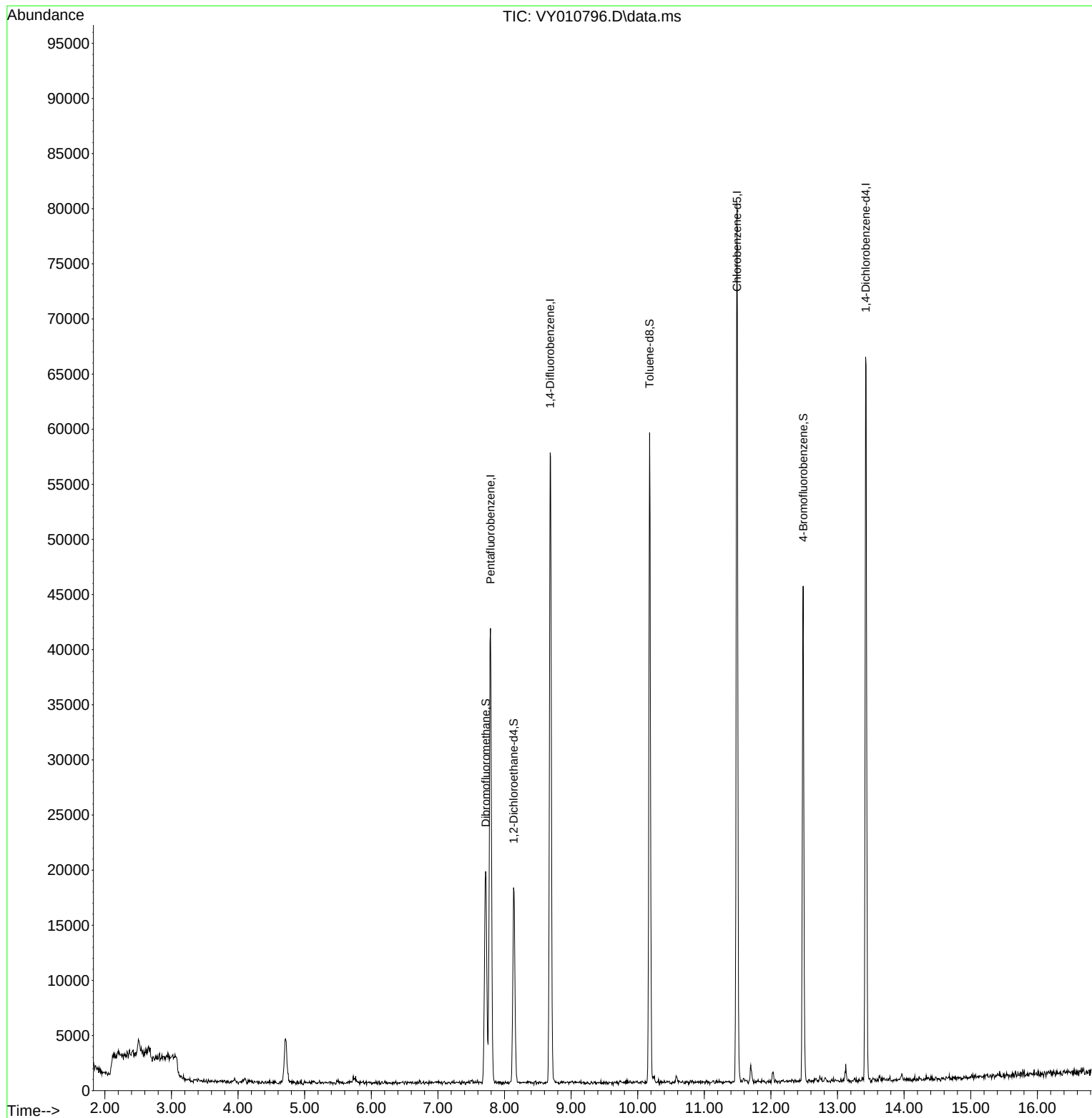
Target Compounds	Qvalue

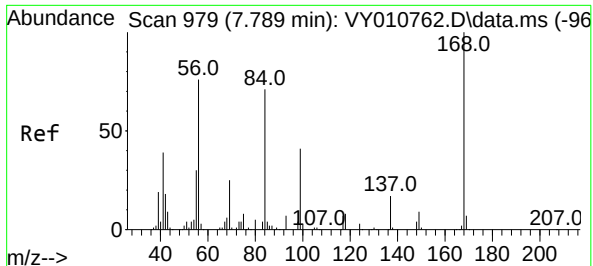
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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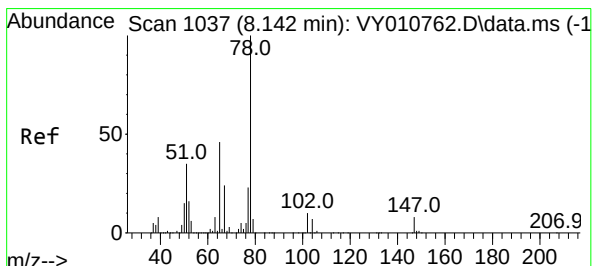
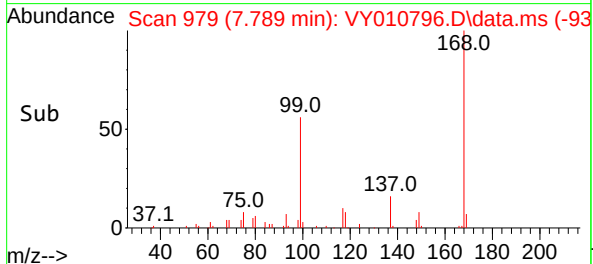
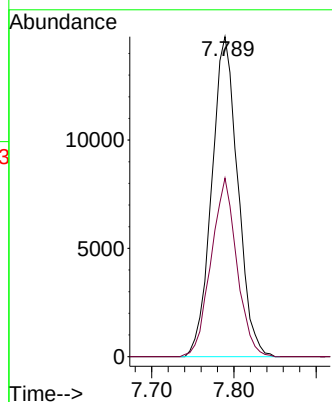
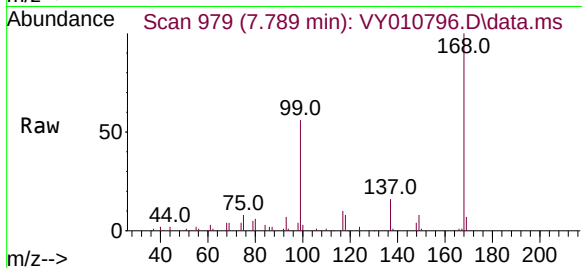




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010796.D
Acq: 04 Oct 2022 15:32

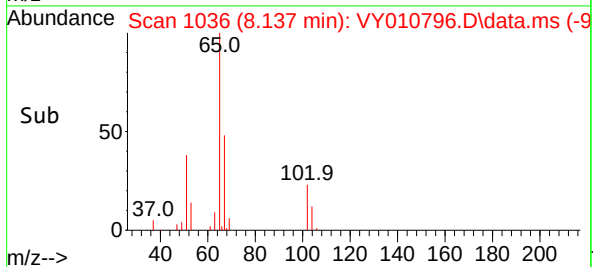
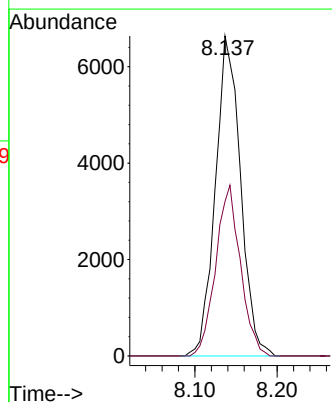
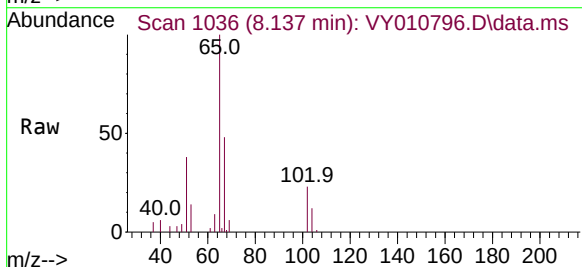
Instrument :
MSVOA_Y
ClientSampleId :
PE-9

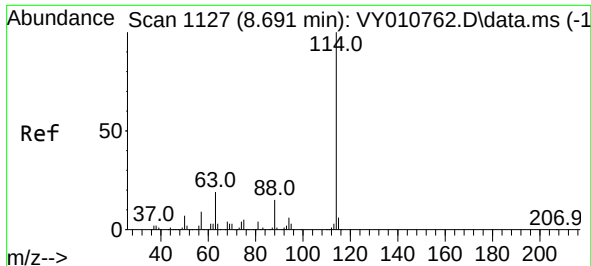
Tgt Ion:168 Resp: 32508
Ion Ratio Lower Upper
168 100
99 55.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 42.767 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY010796.D
Acq: 04 Oct 2022 15:32

Tgt Ion: 65 Resp: 14092
Ion Ratio Lower Upper
65 100
67 52.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY010796.D

Acq: 04 Oct 2022 15:32

Instrument :

MSVOA_Y

ClientSampleId :

PE-9

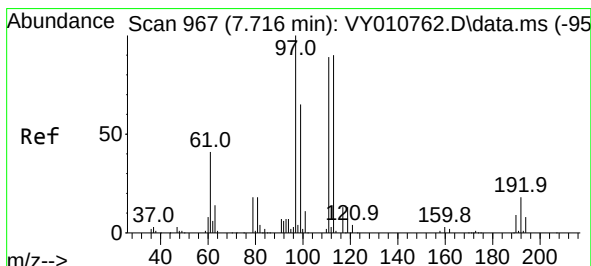
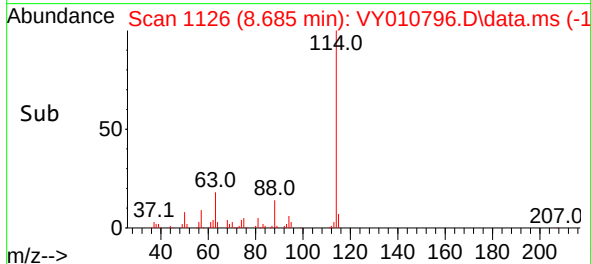
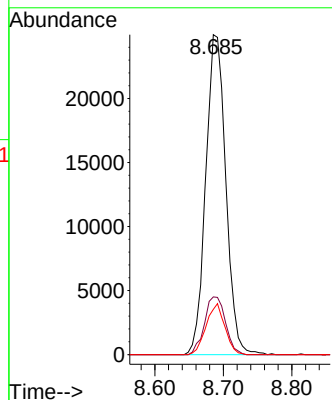
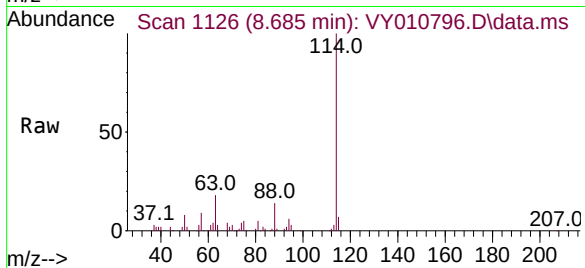
Tgt Ion:114 Resp: 50832

Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 41.742 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY010796.D

Acq: 04 Oct 2022 15:32

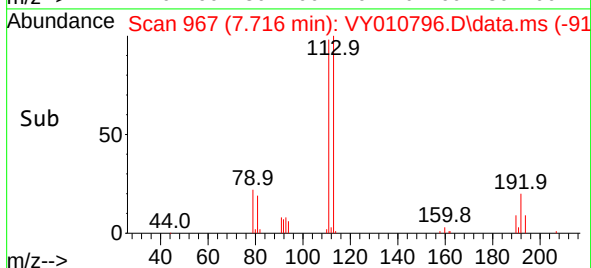
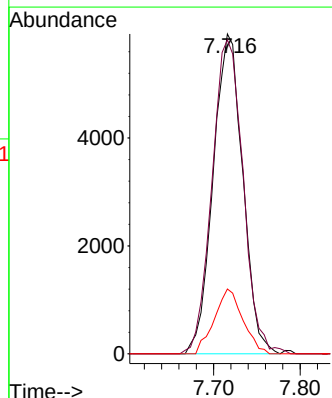
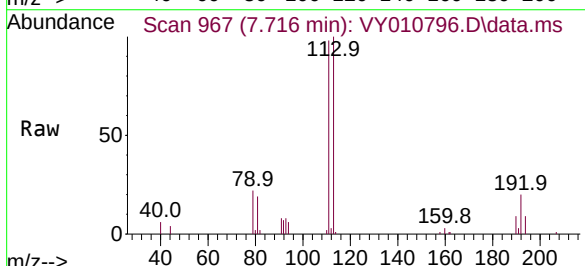
Tgt Ion:113 Resp: 14085

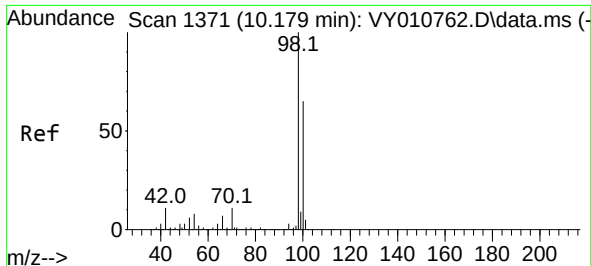
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 19.6 17.6 26.4

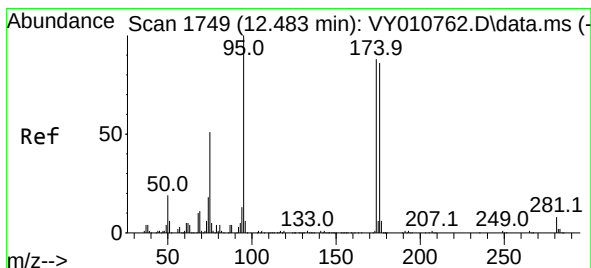
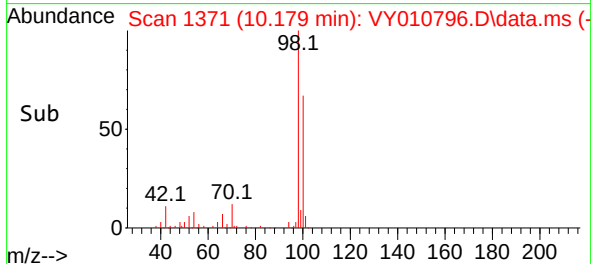
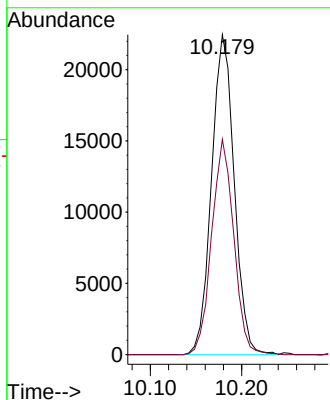
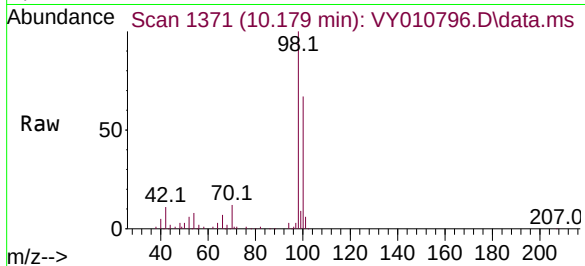




#50
Toluene-d8
Concen: 33.521 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010796.D
Acq: 04 Oct 2022 15:32

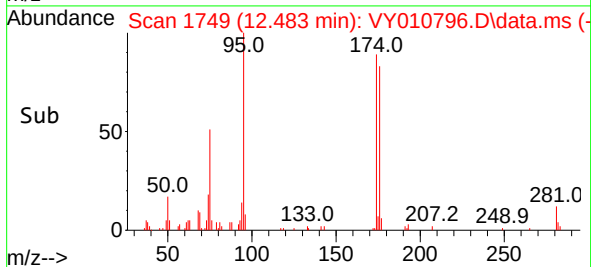
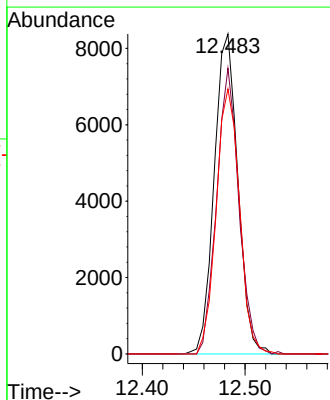
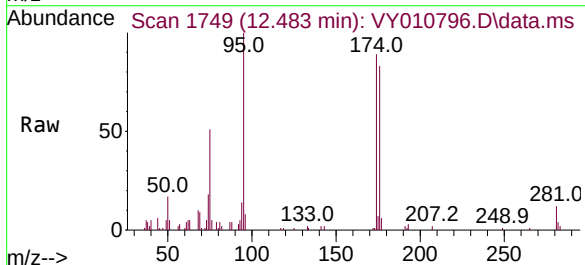
Instrument :
MSVOA_Y
ClientSampleId :
PE-9

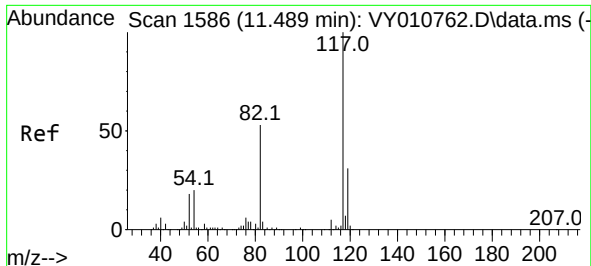
Tgt Ion: 98 Resp: 38682
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 28.088 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010796.D
Acq: 04 Oct 2022 15:32

Tgt Ion: 95 Resp: 13390
Ion Ratio Lower Upper
95 100
174 84.2 0.0 177.0
176 81.6 0.0 175.8

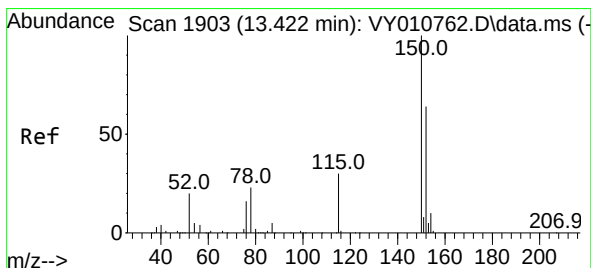
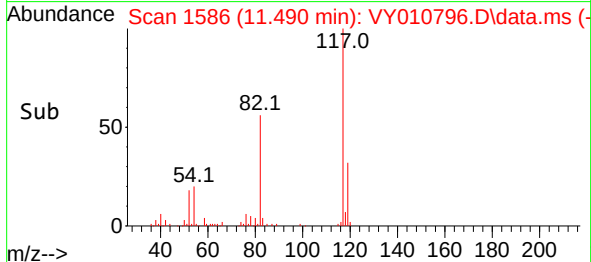
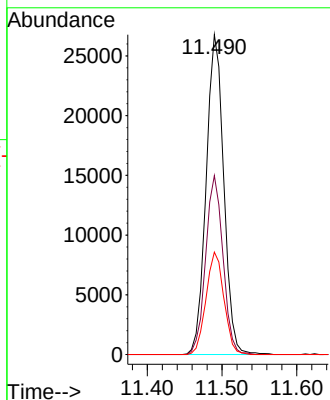
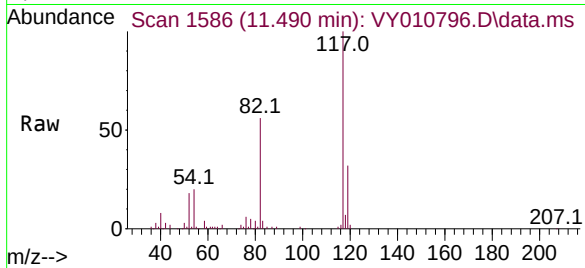




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY010796.D
Acq: 04 Oct 2022 15:32

Instrument :
MSVOA_Y
ClientSampleId :
PE-9

Tgt Ion:	117	Resp:	43979
Ion	Ratio	Lower	Upper
117	100		
82	55.9	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: VY010796.D
Acq: 04 Oct 2022 15:32

Tgt Ion:	152	Resp:	18085
Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.2	84.7
150	155.5	0.0	347.6

