

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092222\
 Data File : VY010627.D
 Acq On : 22 Sep 2022 17:03
 Operator : KP/MD
 Sample : N4723-17
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-28-6.5-7.0

Quant Time: Sep 23 09:04:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	185160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	353900	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	361201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	164882	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	92967	52.494	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.980%
35) Dibromofluoromethane	7.710	113	86547	38.319	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.640%
50) Toluene-d8	10.179	98	329869	40.173	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	80.340%
62) 4-Bromofluorobenzene	12.483	95	107908	33.967	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	67.940%

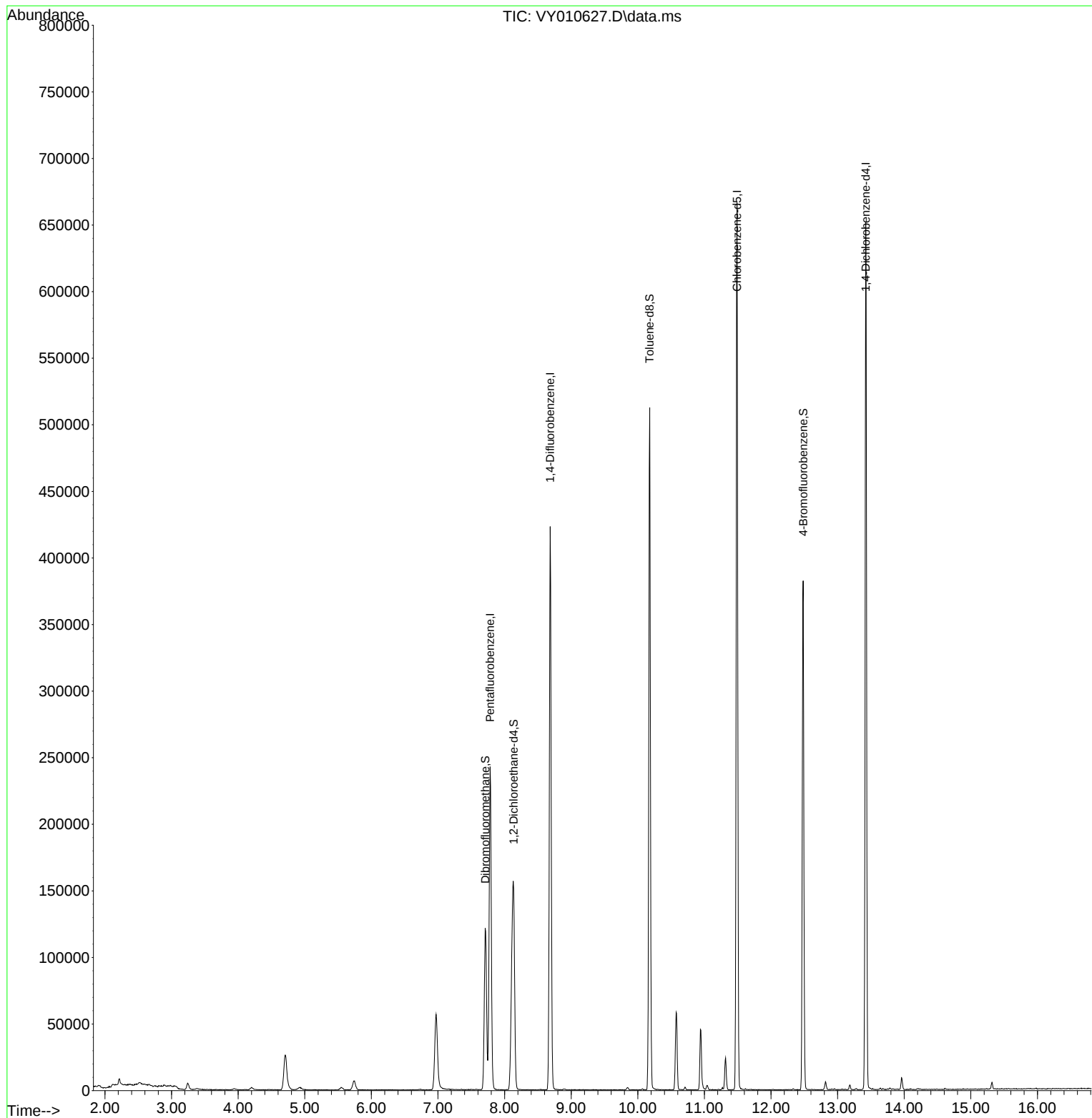
Target Compounds	Qvalue

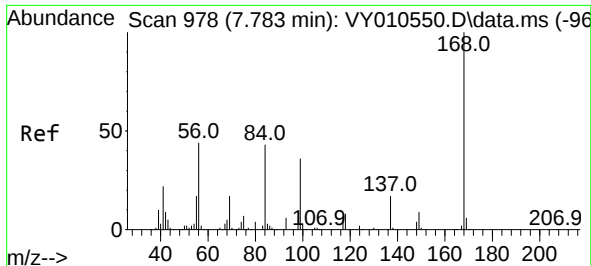
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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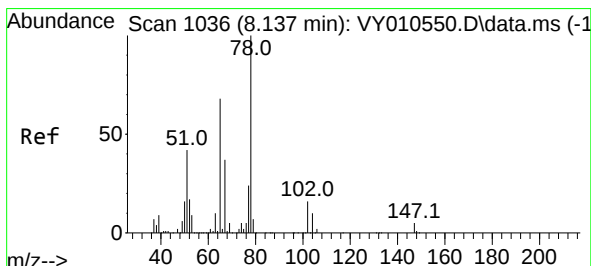
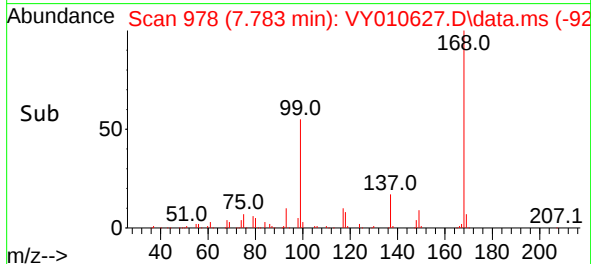
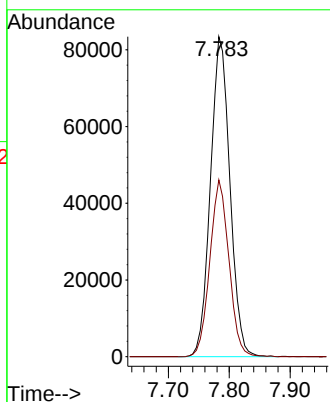
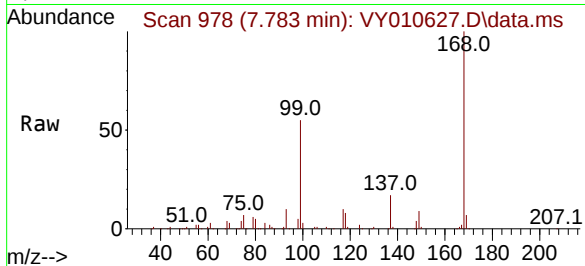




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010627.D
Acq: 22 Sep 2022 17:03

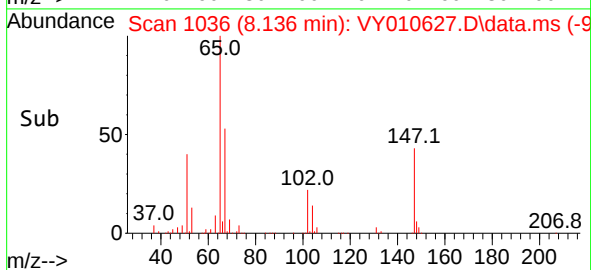
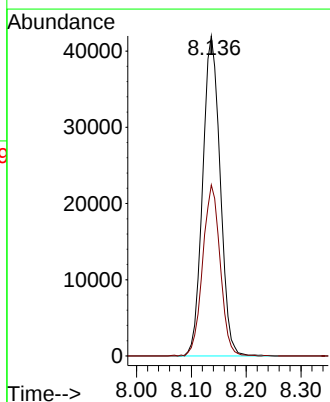
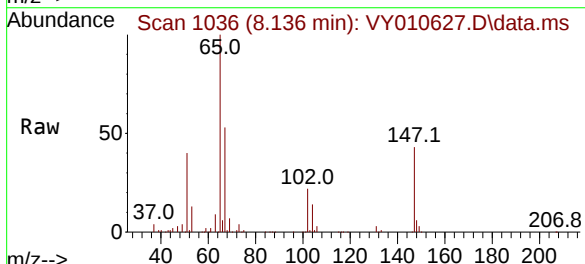
Instrument :
MSVOA_Y
ClientSampleId :
SB-28-6.5-7.0

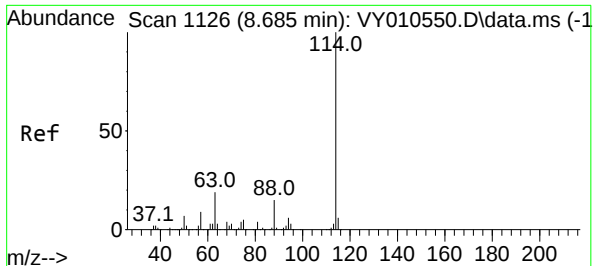
Tgt Ion:168 Resp: 185160
Ion Ratio Lower Upper
168 100
99 55.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 52.494 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010627.D
Acq: 22 Sep 2022 17:03

Tgt Ion: 65 Resp: 92967
Ion Ratio Lower Upper
65 100
67 53.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010627.D

Acq: 22 Sep 2022 17:03

Instrument :

MSVOA_Y

ClientSampleId :

SB-28-6.5-7.0

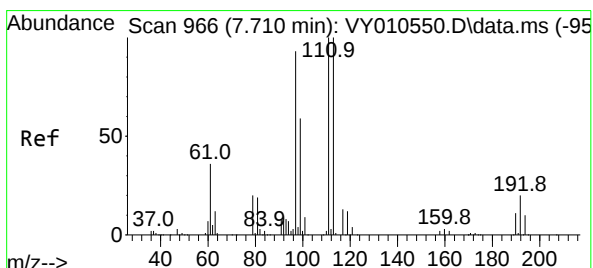
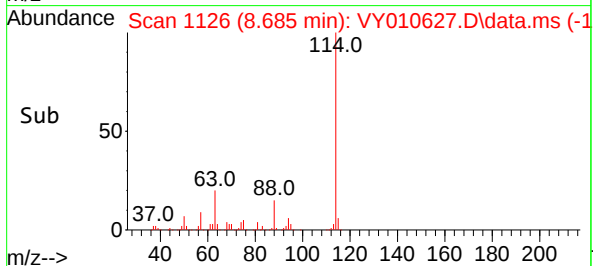
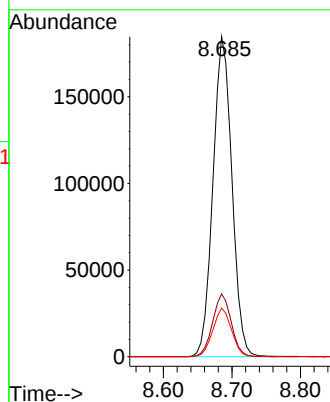
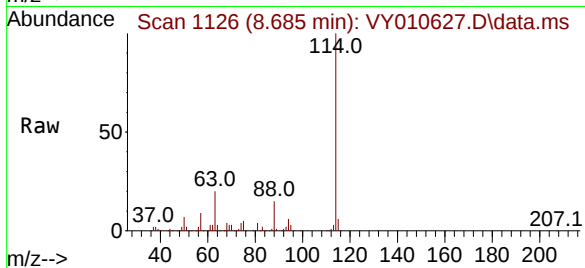
Tgt Ion:114 Resp: 353900

Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 38.319 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010627.D

Acq: 22 Sep 2022 17:03

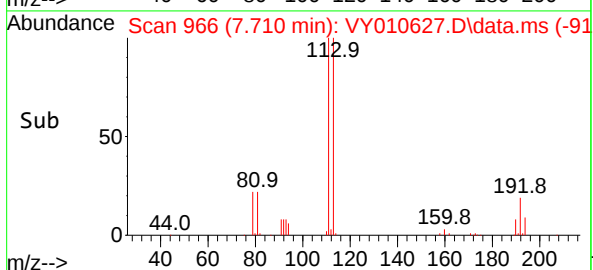
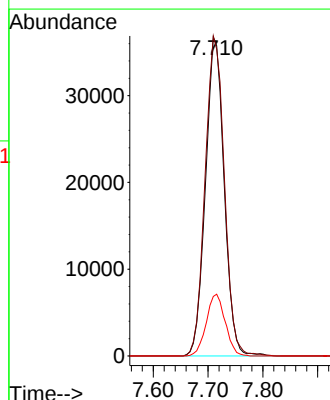
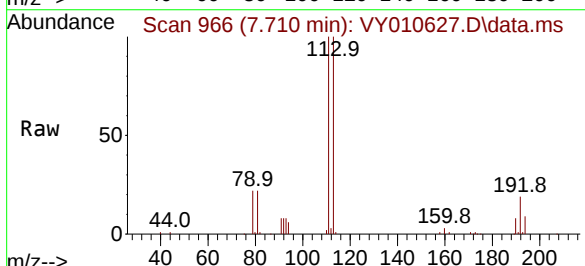
Tgt Ion:113 Resp: 86547

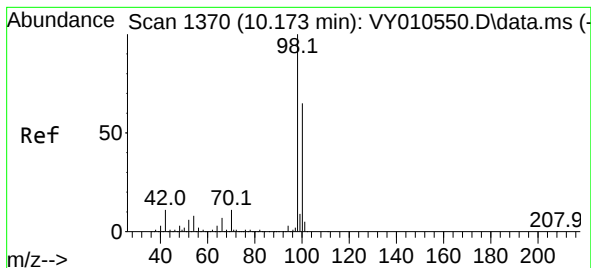
Ion Ratio Lower Upper

113 100

111 103.9 82.6 124.0

192 19.7 17.6 26.4

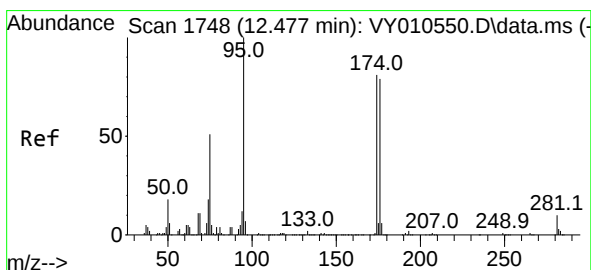
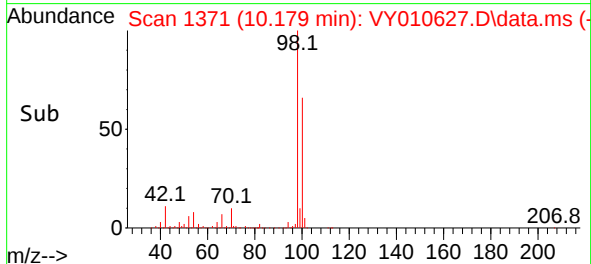
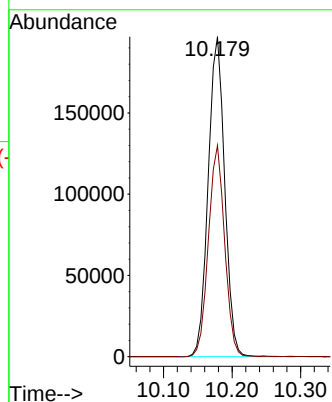
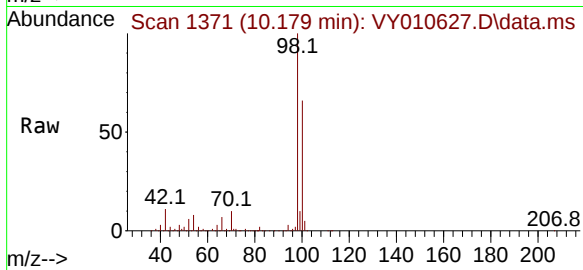




#50
Toluene-d8
Concen: 40.173 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010627.D
Acq: 22 Sep 2022 17:03

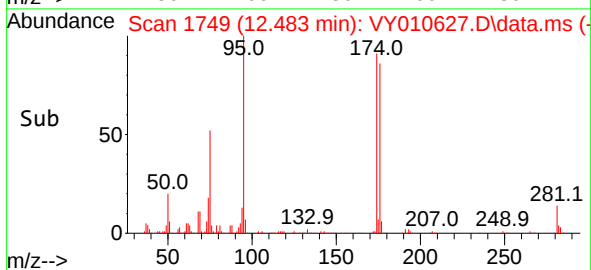
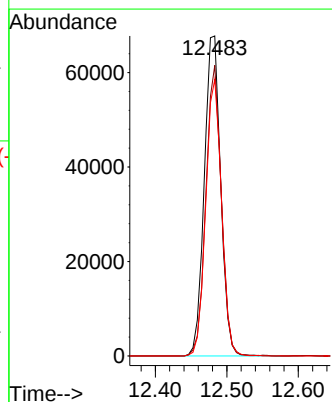
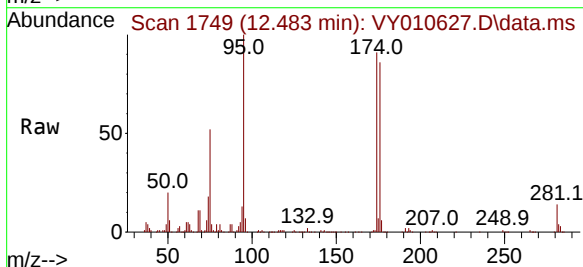
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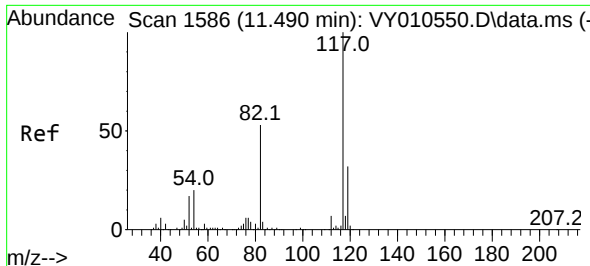
Tgt Ion: 98 Resp: 329869
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 33.967 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010627.D
Acq: 22 Sep 2022 17:03

Tgt Ion: 95 Resp: 107908
Ion Ratio Lower Upper
95 100
174 85.7 0.0 177.0
176 83.1 0.0 175.8

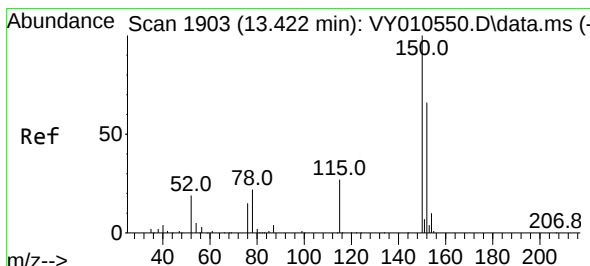
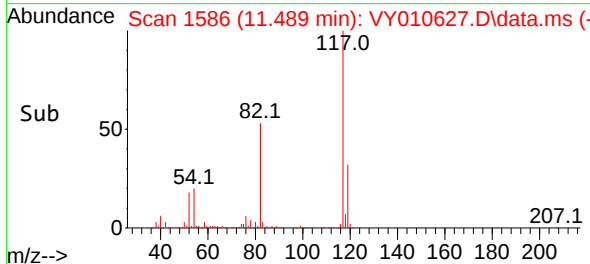
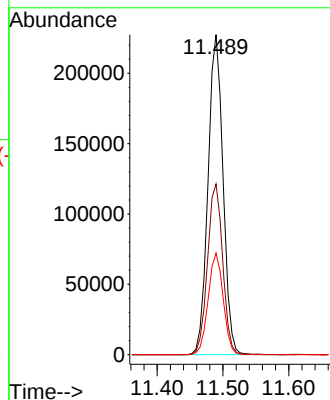
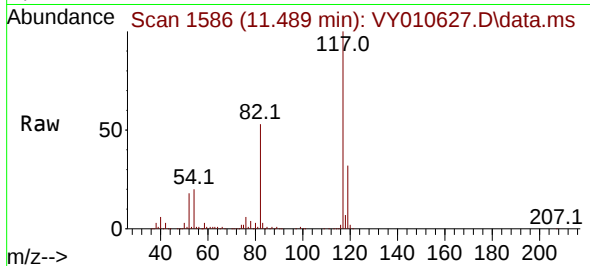




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010627.D
Acq: 22 Sep 2022 17:03

Instrument :
MSVOA_Y
ClientSampleId :
SB-28-6.5-7.0

Tgt Ion:117 Resp: 361201
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 31.7 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: VY010627.D
Acq: 22 Sep 2022 17:03

Tgt Ion:152 Resp: 164882
Ion Ratio Lower Upper
152 100
115 58.3 28.2 84.7
150 159.0 0.0 347.6

