

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009922.D
 Acq On : 09 Aug 2022 16:10
 Operator : KP/MD
 Sample : N4091-07
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-124042

Quant Time: Aug 09 23:07:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	37506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	75185	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	72785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	32271	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	16506	57.023	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.040%
35) Dibromofluoromethane	7.710	113	15783	38.671	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.340%
50) Toluene-d8	10.173	98	52744	41.522	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	83.040%
62) 4-Bromofluorobenzene	12.477	95	17030	29.884	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	59.760%

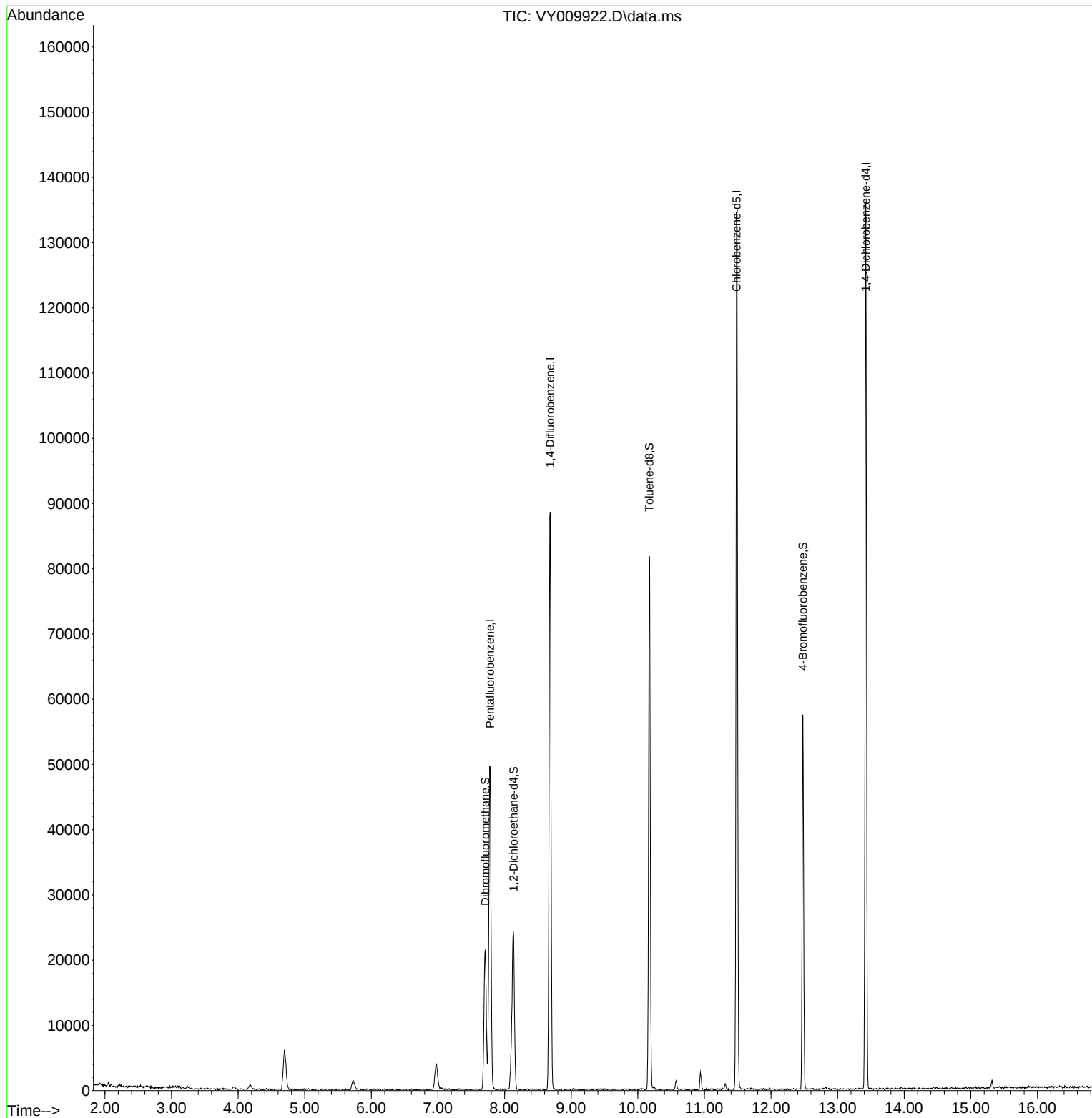
Target Compounds	Qvalue

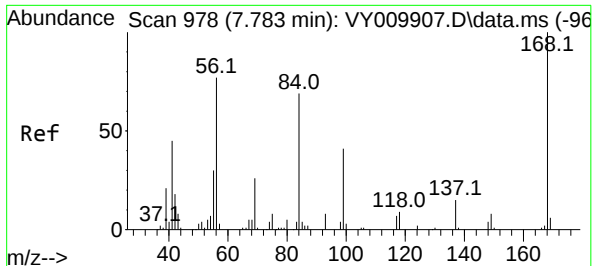
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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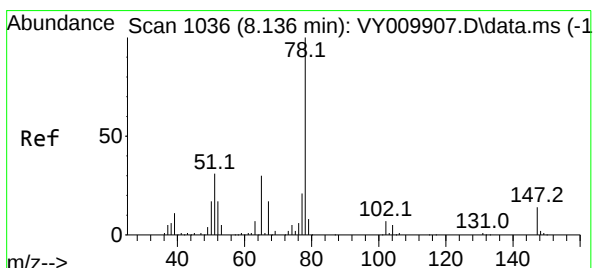
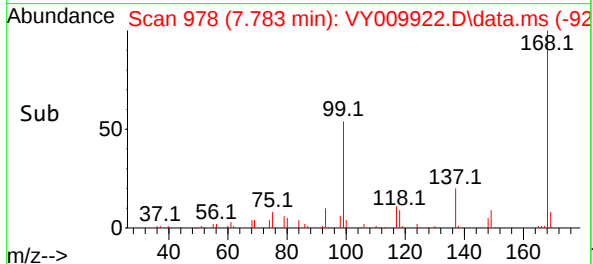
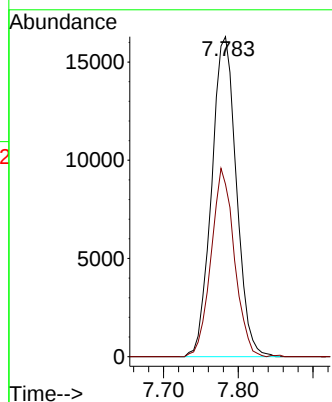
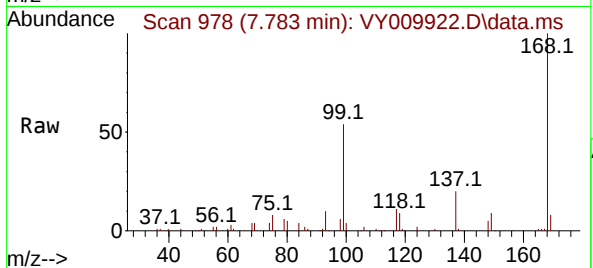




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009922.D
Acq: 09 Aug 2022 16:10

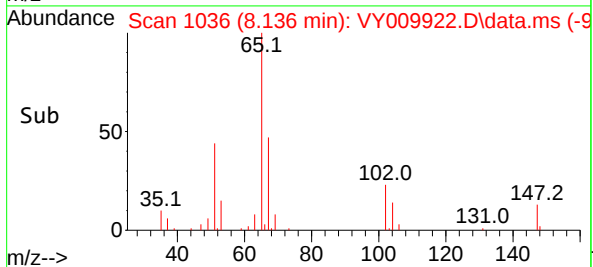
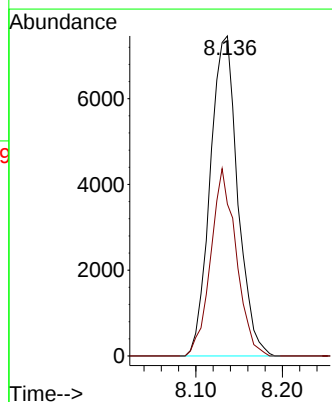
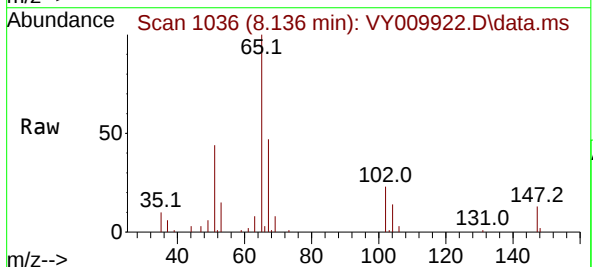
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124042

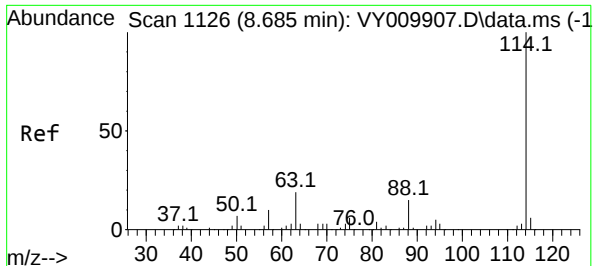
Tgt Ion:168 Resp: 37506
Ion Ratio Lower Upper
168 100
99 53.9 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 57.023 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY009922.D
Acq: 09 Aug 2022 16:10

Tgt Ion: 65 Resp: 16506
Ion Ratio Lower Upper
65 100
67 54.0 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009922.D

Acq: 09 Aug 2022 16:10

Instrument :

MSVOA_Y

ClientSampleId :

PSC-124042

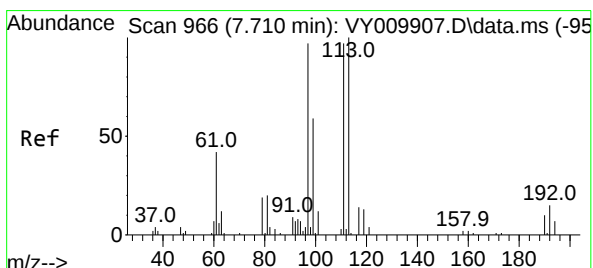
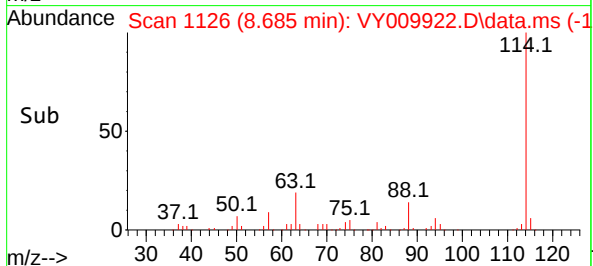
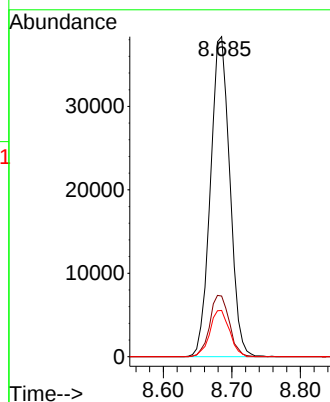
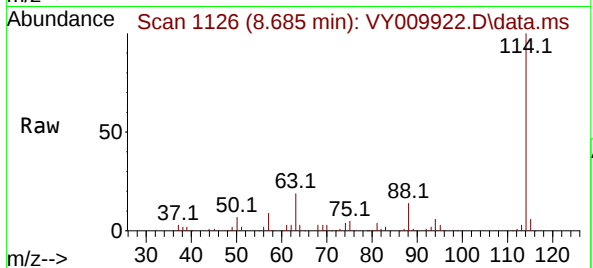
Tgt Ion:114 Resp: 75185

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.0

88 14.4 0.0 30.0



#35

Dibromofluoromethane

Concen: 38.671 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.001 min

Lab File: VY009922.D

Acq: 09 Aug 2022 16:10

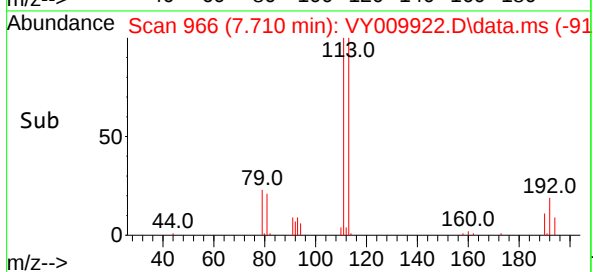
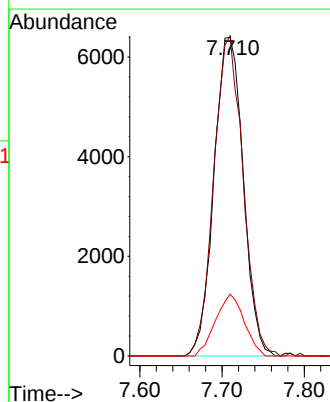
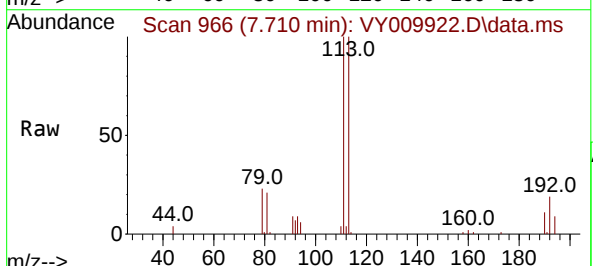
Tgt Ion:113 Resp: 15783

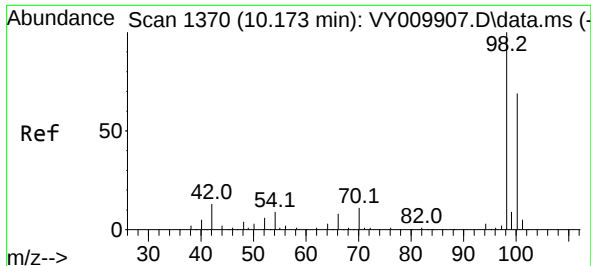
Ion Ratio Lower Upper

113 100

111 100.2 80.6 120.8

192 19.0 16.2 24.4

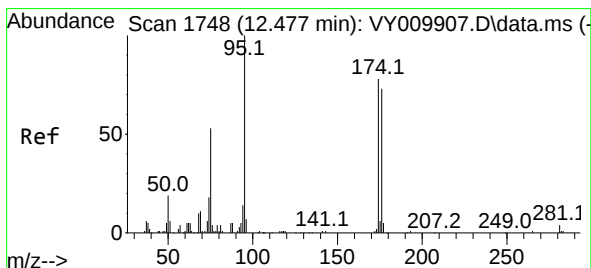
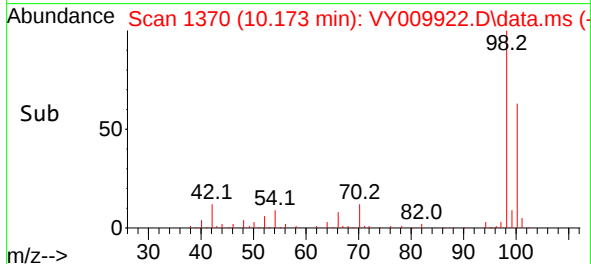
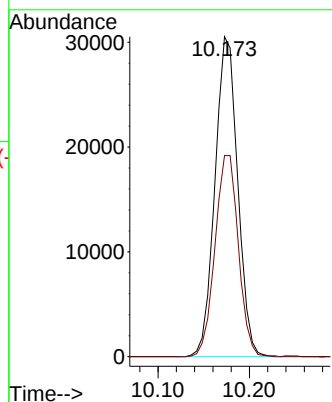
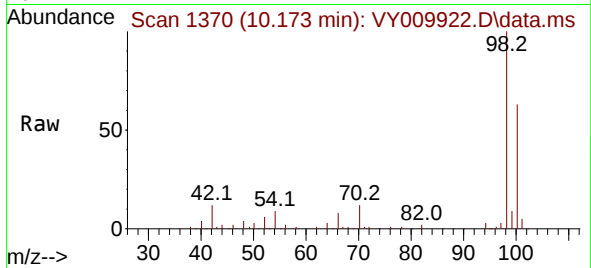




#50
Toluene-d8
Concen: 41.522 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009922.D
Acq: 09 Aug 2022 16:10

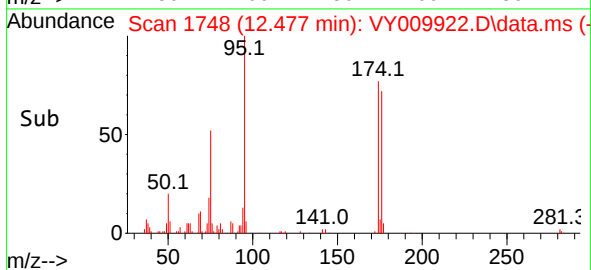
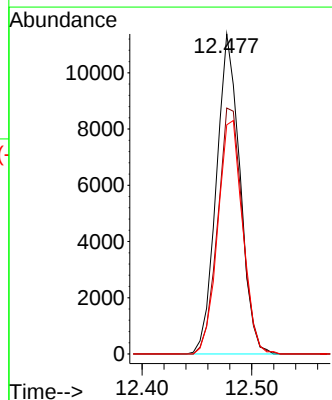
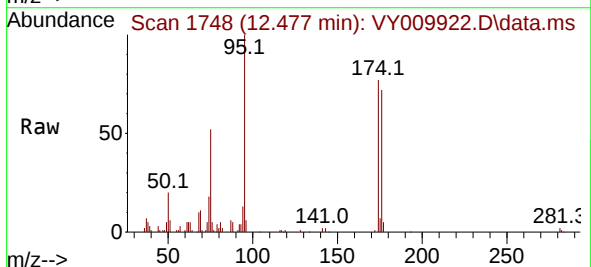
Instrument :
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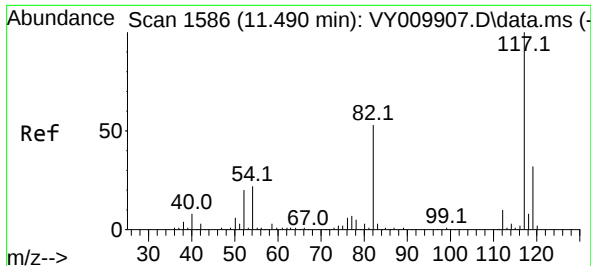
Tgt Ion: 98 Resp: 52744
Ion Ratio Lower Upper
98 100
100 64.7 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 29.884 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009922.D
Acq: 09 Aug 2022 16:10

Tgt Ion: 95 Resp: 17030
Ion Ratio Lower Upper
95 100
174 80.7 0.0 173.8
176 77.0 0.0 167.0

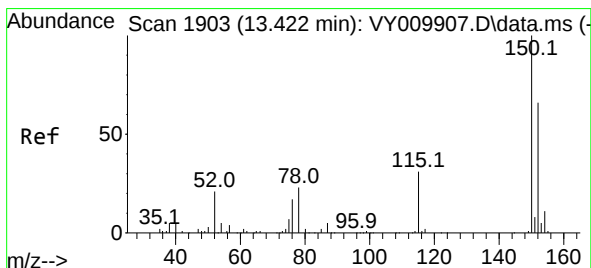
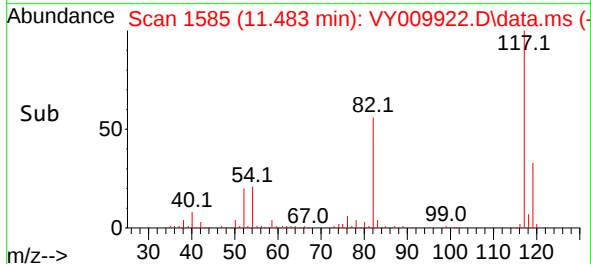
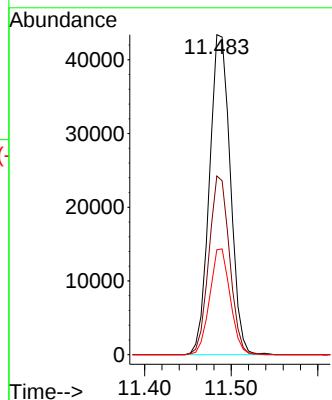
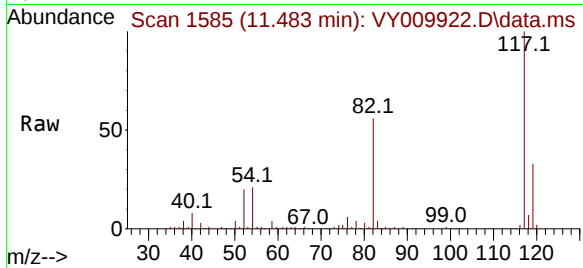




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY009922.D
Acq: 09 Aug 2022 16:10

Instrument :
MSVOA_Y
ClientSampleId :
PSC-124042

Tgt Ion:117 Resp: 72785
Ion Ratio Lower Upper
117 100
82 55.9 41.8 62.6
119 32.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009922.D
Acq: 09 Aug 2022 16:10

Tgt Ion:152 Resp: 32271
Ion Ratio Lower Upper
152 100
115 59.3 28.6 85.9
150 160.0 0.0 349.8

