

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082322\
 Data File : VY010170.D
 Acq On : 23 Aug 2022 17:10
 Operator : KP/MD
 Sample : N4272-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-124042

Quant Time: Aug 24 04:33:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

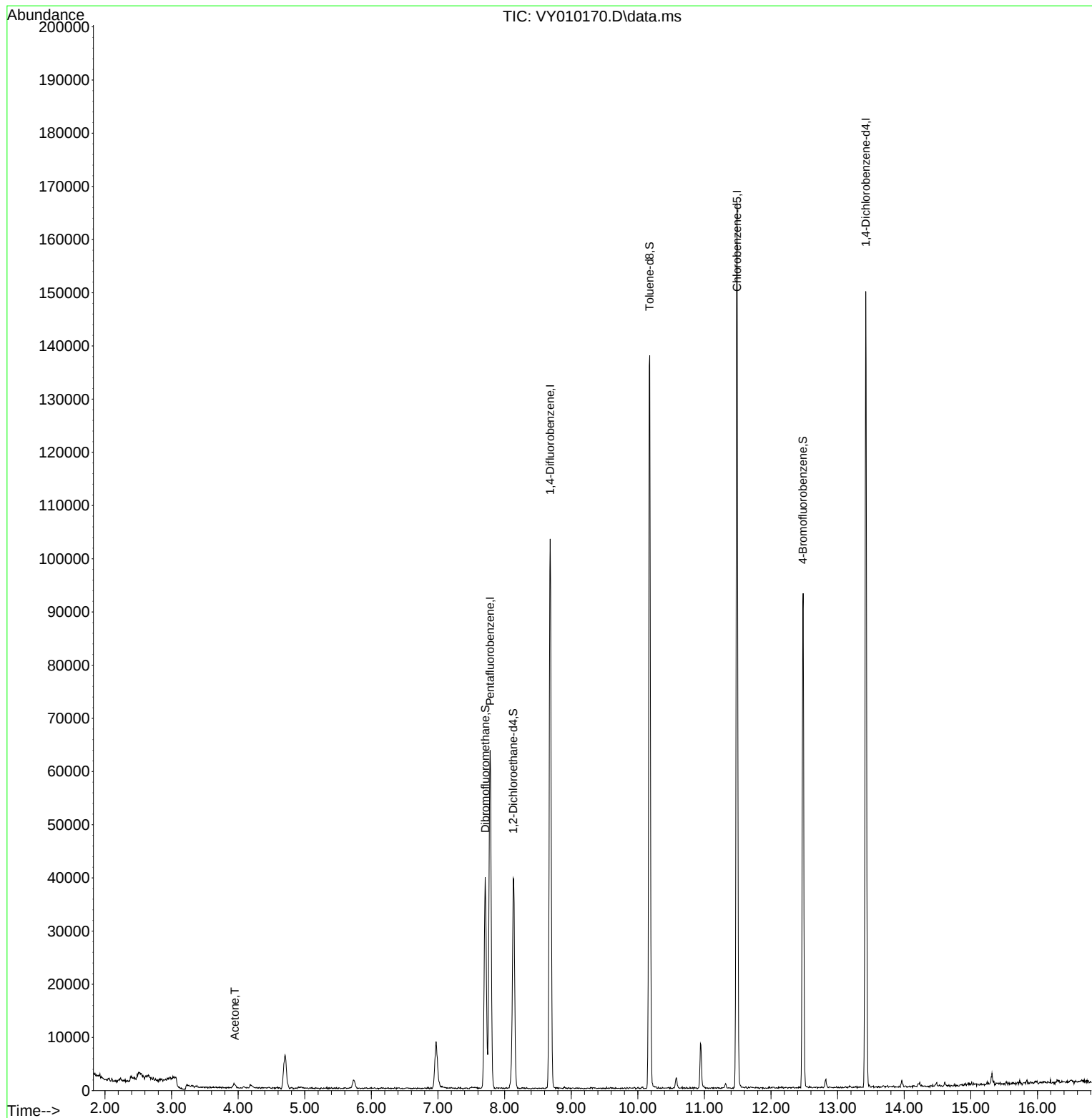
Internal Standards						
1) Pentafluorobenzene	7.783	168	52500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	90662	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	92032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	40570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	29723	69.119	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	138.240%	
35) Dibromofluoromethane	7.710	113	27813	54.443	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	108.880%	
50) Toluene-d8	10.179	98	94712	49.477	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	98.960%	
62) 4-Bromofluorobenzene	12.477	95	28274	41.339	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	82.680%	
Target Compounds						
16) Acetone	3.948	43	1417	13.166	ug/l	Qvalue 97

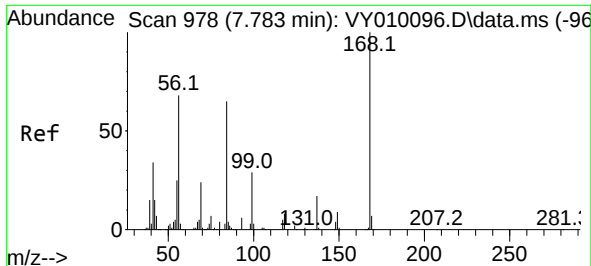
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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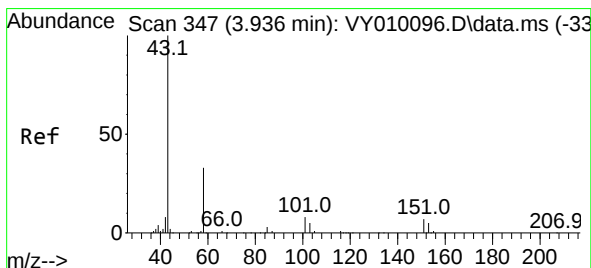
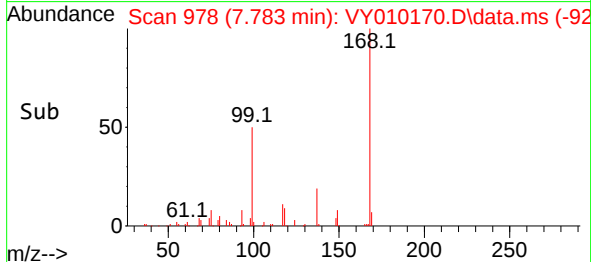
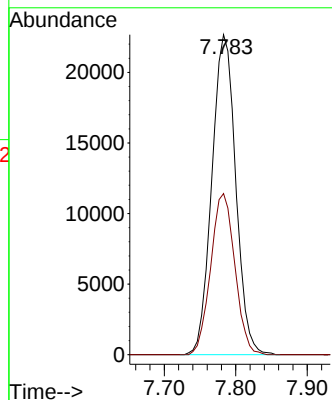
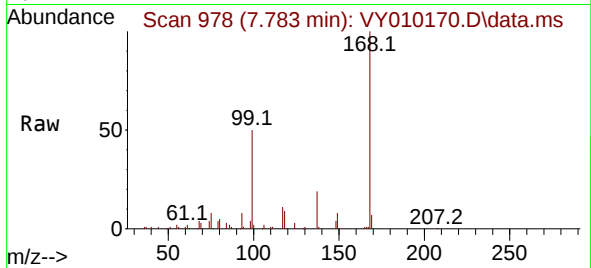




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010170.D
Acq: 23 Aug 2022 17:10

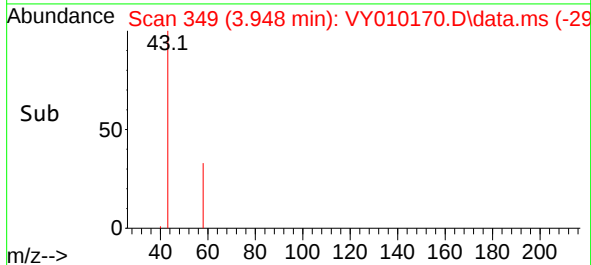
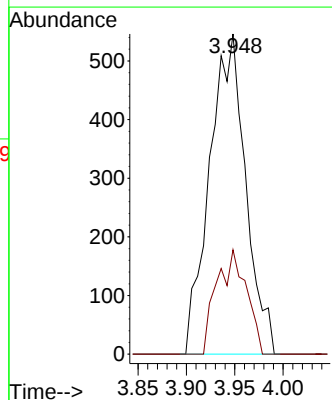
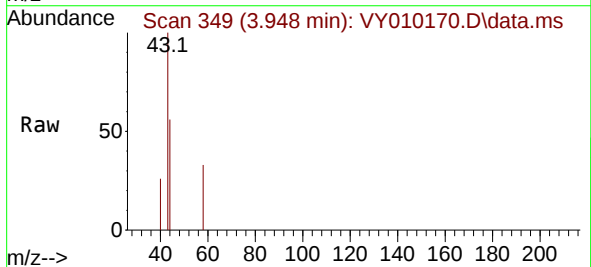
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124042

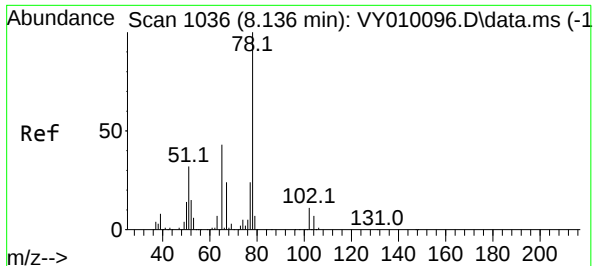
Tgt Ion:168 Resp: 52500
Ion Ratio Lower Upper
168 100
99 50.4 40.7 61.1



#16
Acetone
Concen: 13.166 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY010170.D
Acq: 23 Aug 2022 17:10

Tgt Ion: 43 Resp: 1417
Ion Ratio Lower Upper
43 100
58 32.6 27.4 41.0





#33

1,2-Dichloroethane-d4

Concen: 69.119 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY010170.D

Acq: 23 Aug 2022 17:10

Instrument :

MSVOA_Y

ClientSampleId :

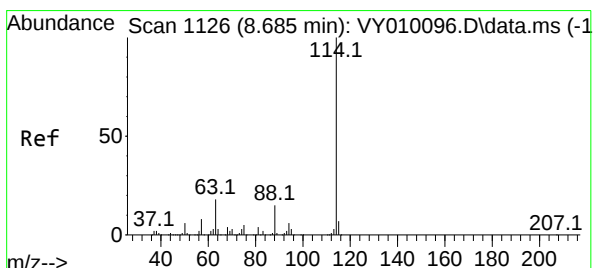
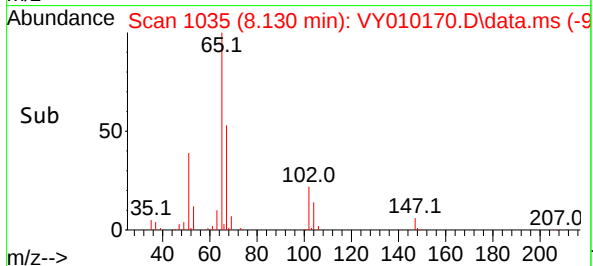
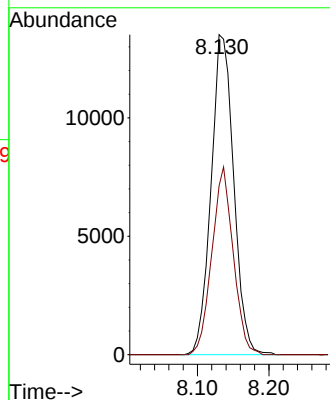
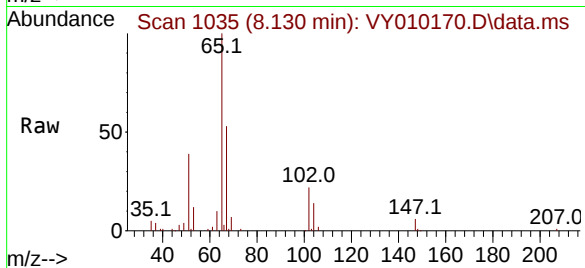
PSC-124042

Tgt Ion: 65 Resp: 29723

Ion Ratio Lower Upper

65 100

67 55.3 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010170.D

Acq: 23 Aug 2022 17:10

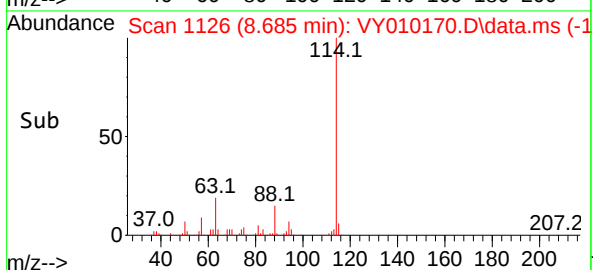
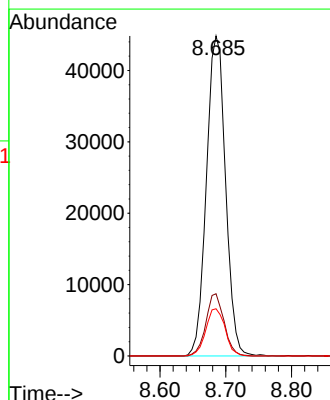
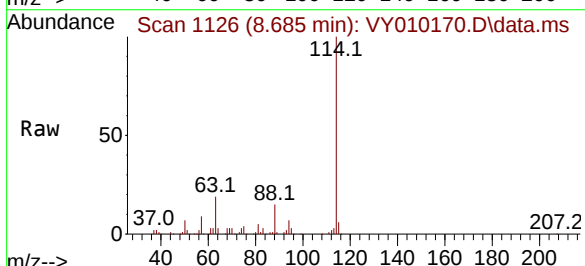
Tgt Ion: 114 Resp: 90662

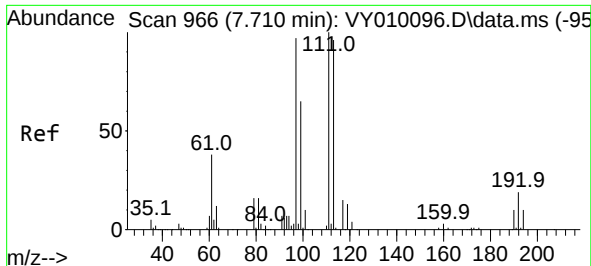
Ion Ratio Lower Upper

114 100

63 19.4 0.0 35.6

88 14.7 0.0 29.6

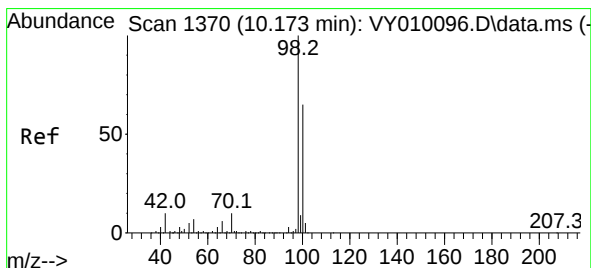
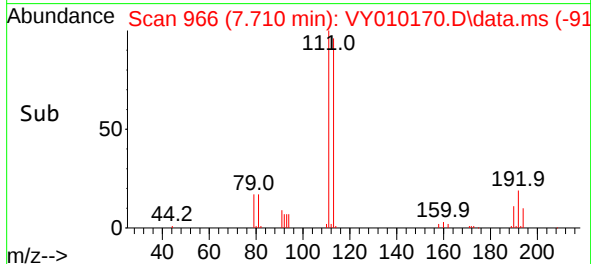
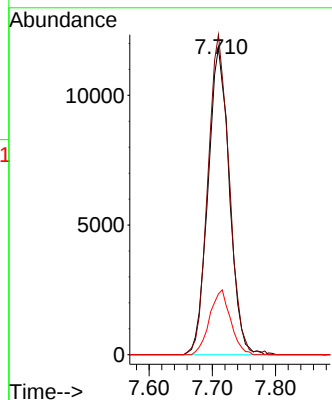
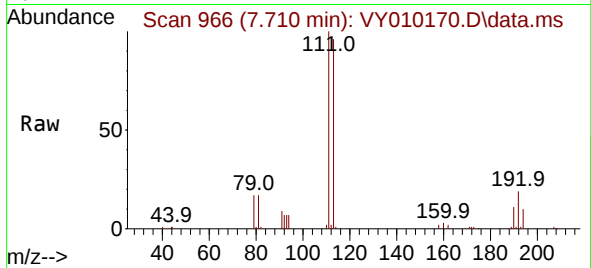




#35
Dibromofluoromethane
Concen: 54.443 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010170.D
Acq: 23 Aug 2022 17:10

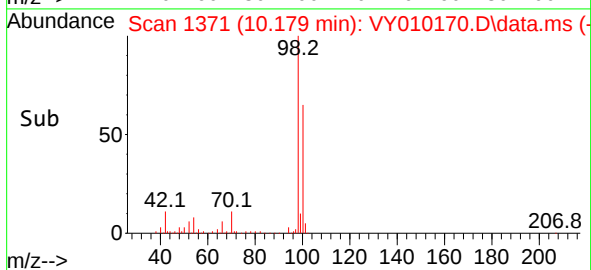
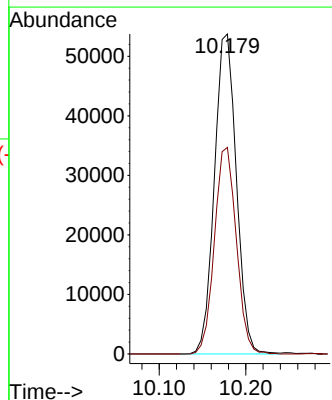
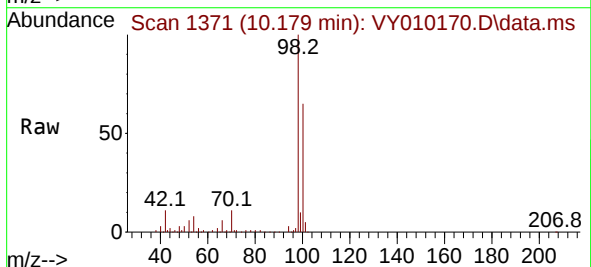
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124042

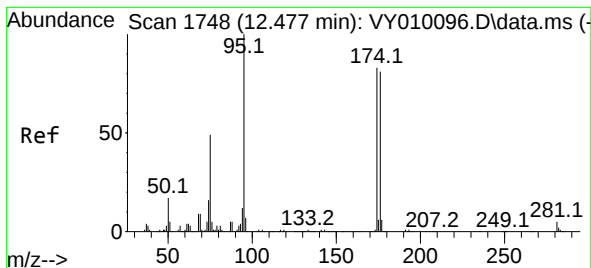
Tgt Ion:113 Resp: 27813
Ion Ratio Lower Upper
113 100
111 103.5 82.8 124.2
192 20.6 16.3 24.5



#50
Toluene-d8
Concen: 49.477 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010170.D
Acq: 23 Aug 2022 17:10

Tgt Ion: 98 Resp: 94712
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9

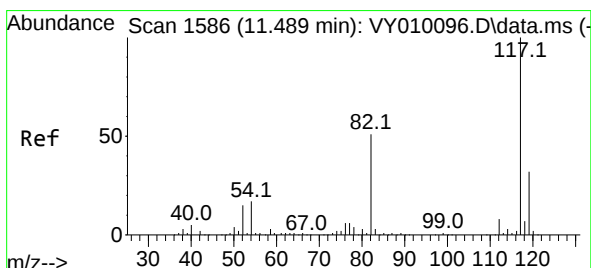
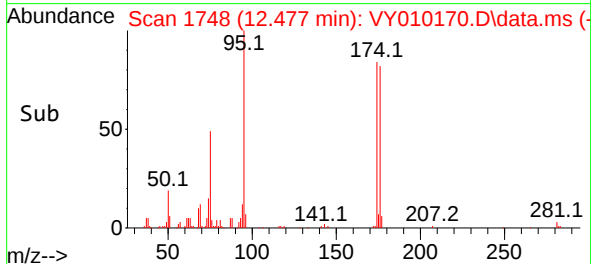
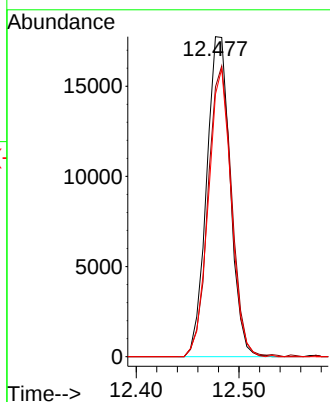
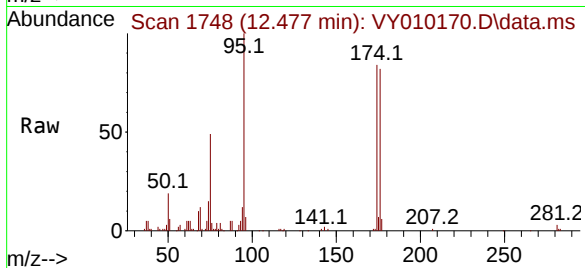




#62
4-Bromofluorobenzene
Concen: 41.339 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010170.D
Acq: 23 Aug 2022 17:10

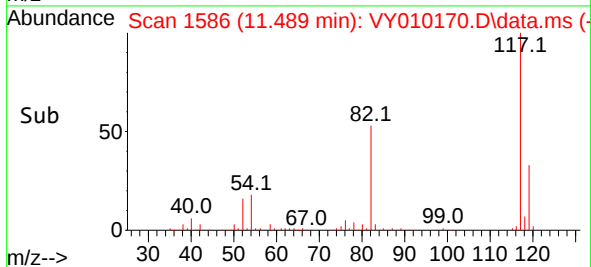
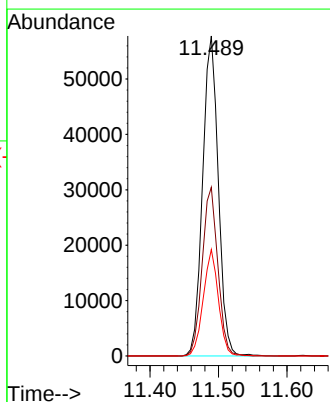
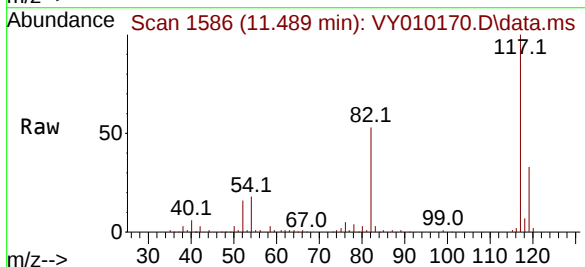
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124042

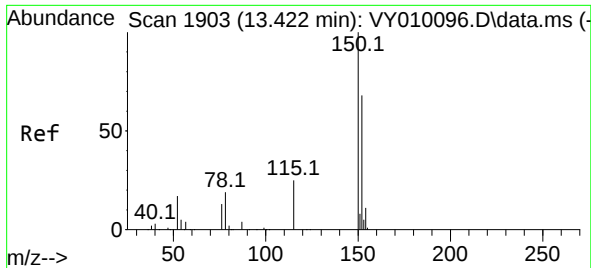
Tgt Ion: 95 Resp: 28274
Ion Ratio Lower Upper
95 100
174 91.1 0.0 173.8
176 87.2 0.0 167.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010170.D
Acq: 23 Aug 2022 17:10

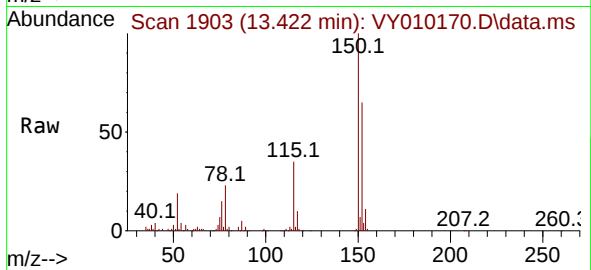
Tgt Ion: 117 Resp: 92032
Ion Ratio Lower Upper
117 100
82 52.7 40.6 61.0
119 33.3 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY010170.D
 Acq: 23 Aug 2022 17:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-124042



Tgt Ion:152 Resp: 40570
 Ion Ratio Lower Upper
 152 100
 115 54.7 28.1 84.2
 150 155.5 0.0 346.2

