

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100522\
 Data File : VY010818.D
 Acq On : 05 Oct 2022 14:31
 Operator : KP/MD
 Sample : N4960-03RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PAT-02-100322RE

Quant Time: Oct 06 09:18:12 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)

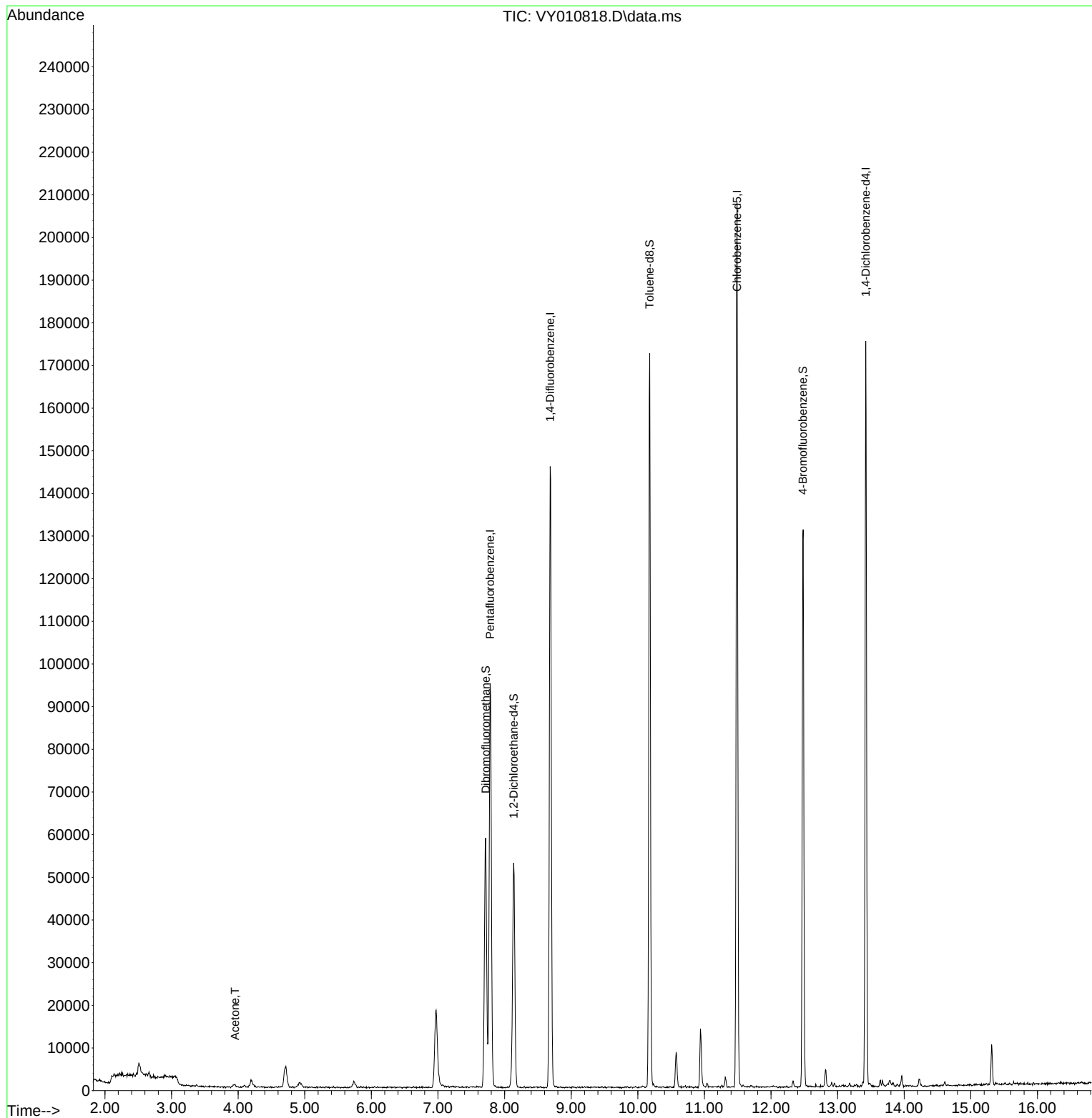
Internal Standards						
1) Pentafluorobenzene	7.783	168	73330	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	126391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	112918	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	44689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	40377	54.322	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.640%
35) Dibromofluoromethane	7.716	113	40987	48.853	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.700%
50) Toluene-d8	10.179	98	113895	39.695	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	79.380%
62) 4-Bromofluorobenzene	12.477	95	40619	35.142	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.280%
Target Compounds						Qvalue
16) Acetone	3.954	43	1361	7.210	ug/l	98

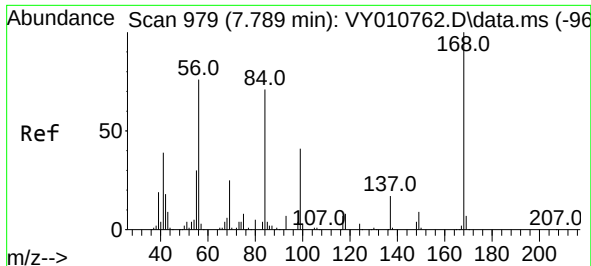
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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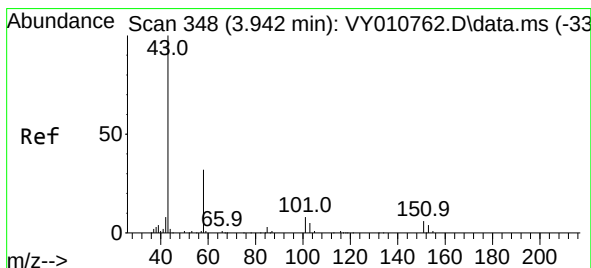
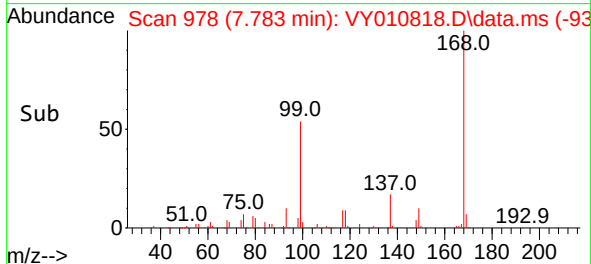
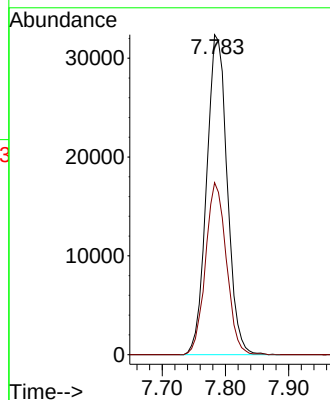
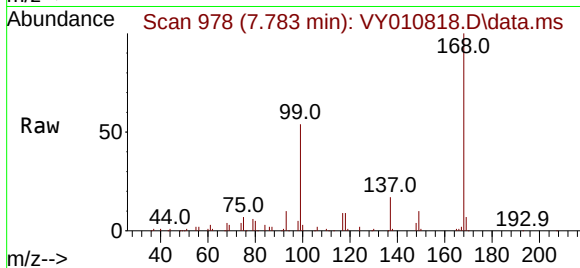




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY010818.D
Acq: 05 Oct 2022 14:31

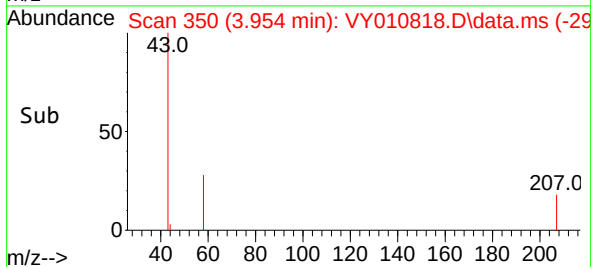
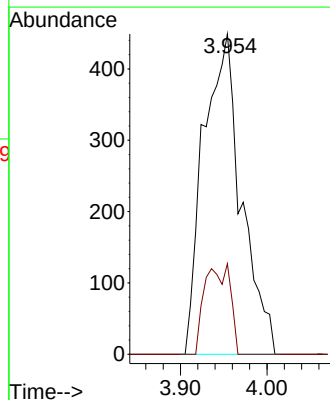
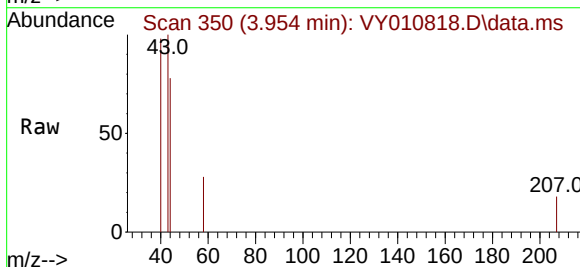
Instrument :
MSVOA_Y
ClientSampleId :
PAT-02-100322RE

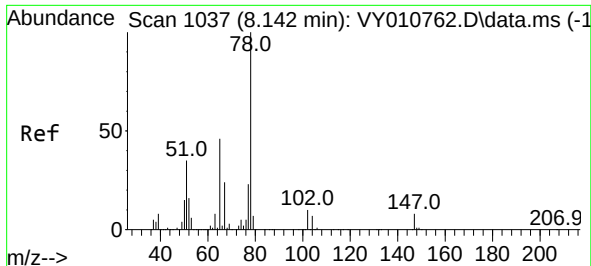
Tgt Ion:168 Resp: 73330
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#16
Acetone
Concen: 7.210 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY010818.D
Acq: 05 Oct 2022 14:31

Tgt Ion: 43 Resp: 1361
Ion Ratio Lower Upper
43 100
58 28.3 22.0 33.0

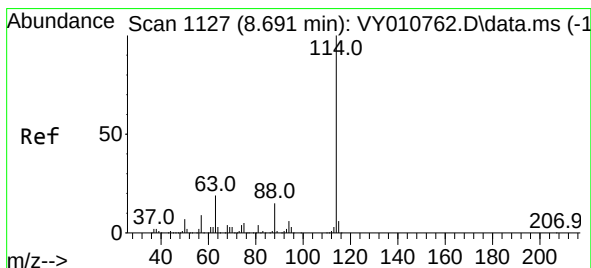
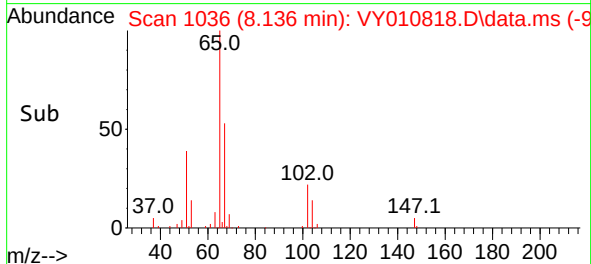
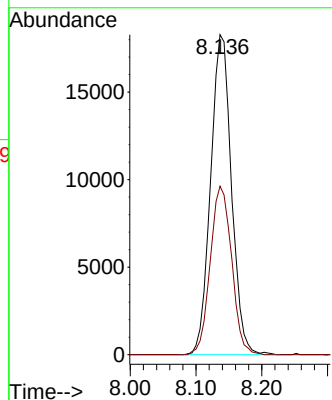
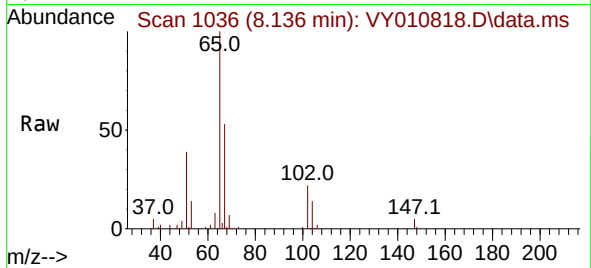




#33
 1,2-Dichloroethane-d4
 Concen: 54.322 ug/l
 RT: 8.136 min Scan# 1037
 Delta R.T. -0.006 min
 Lab File: VY010818.D
 Acq: 05 Oct 2022 14:31

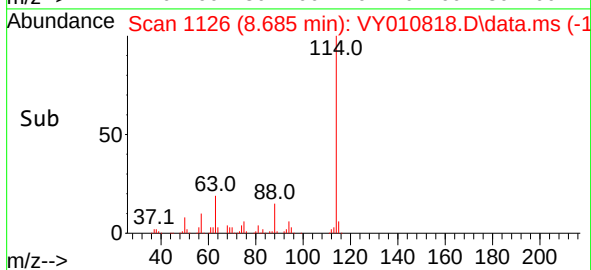
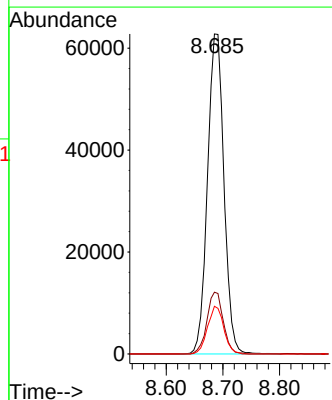
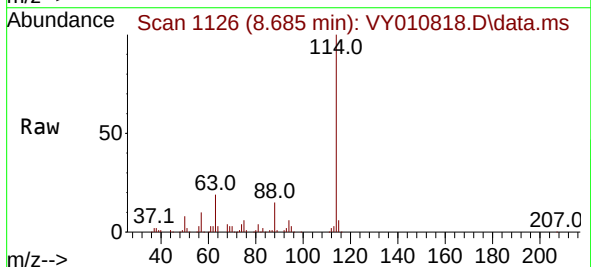
Instrument :
 MSVOA_Y
 ClientSampleId :
 PAT-02-100322RE

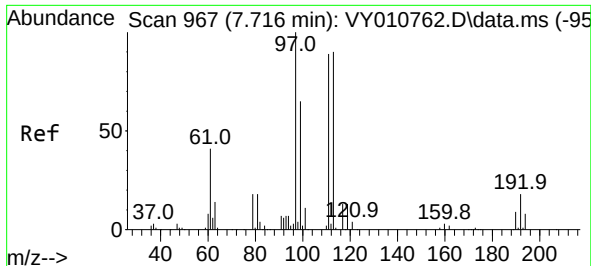
Tgt Ion: 65 Resp: 40377
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY010818.D
 Acq: 05 Oct 2022 14:31

Tgt Ion: 114 Resp: 126391
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 43.2
 88 14.9 0.0 31.8

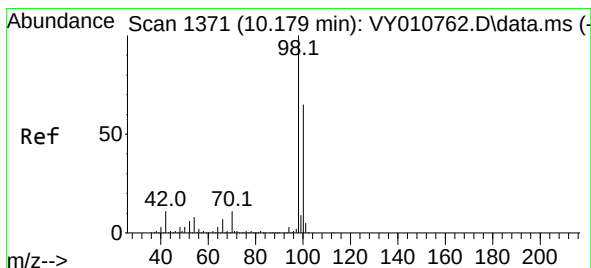
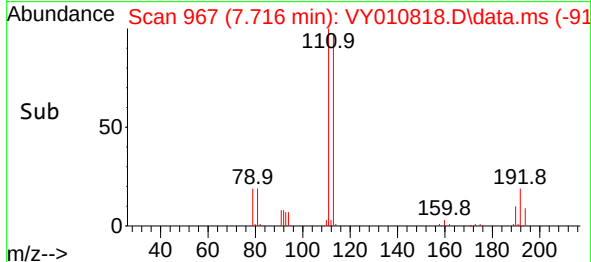
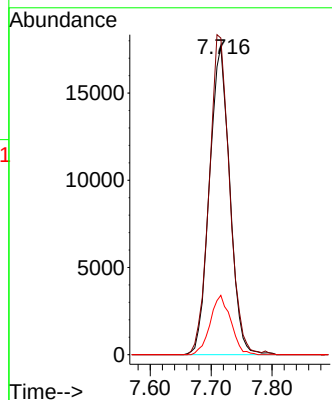
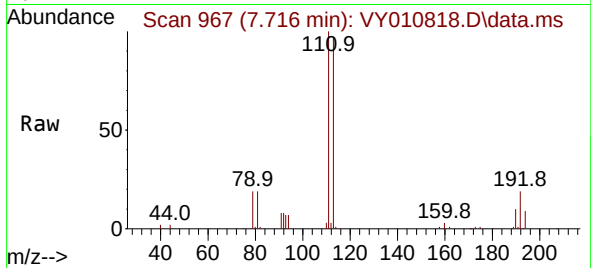




#35
Dibromofluoromethane
Concen: 48.853 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY010818.D
Acq: 05 Oct 2022 14:31

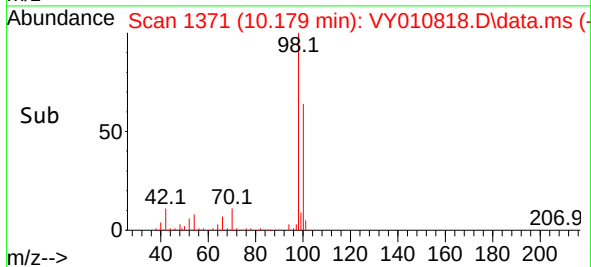
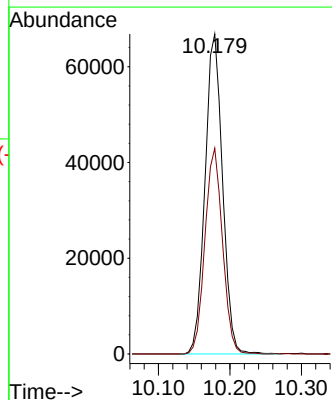
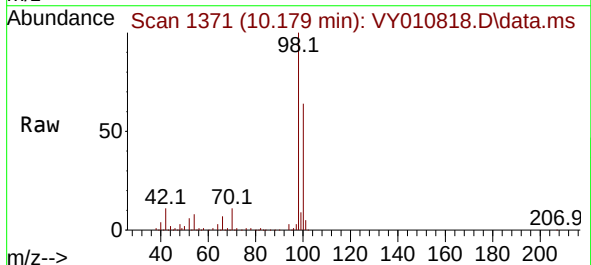
Instrument :
MSVOA_Y
ClientSampleId :
PAT-02-100322RE

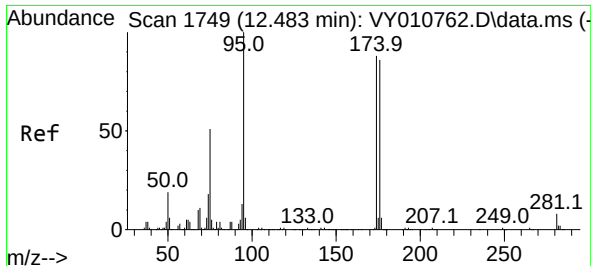
Tgt Ion:113 Resp: 40987
Ion Ratio Lower Upper
113 100
111 104.2 82.6 124.0
192 19.5 17.6 26.4



#50
Toluene-d8
Concen: 39.695 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010818.D
Acq: 05 Oct 2022 14:31

Tgt Ion: 98 Resp: 113895
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2

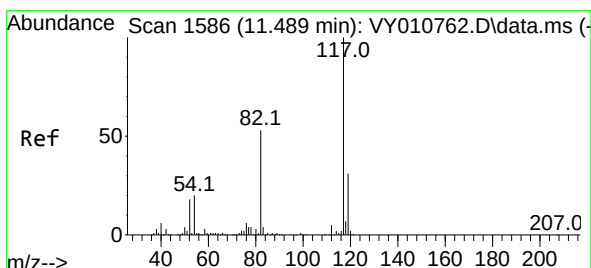
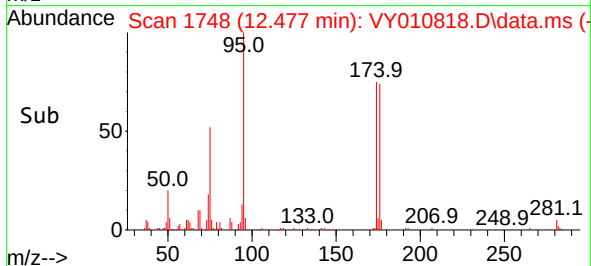
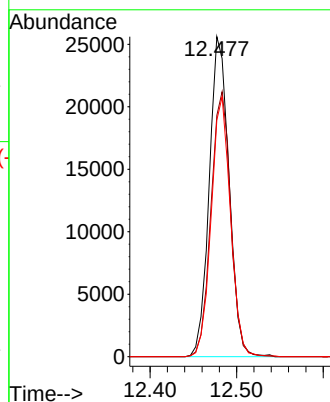
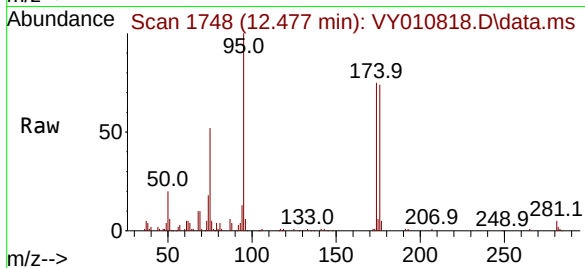




#62
4-Bromofluorobenzene
Concen: 35.142 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010818.D
Acq: 05 Oct 2022 14:31

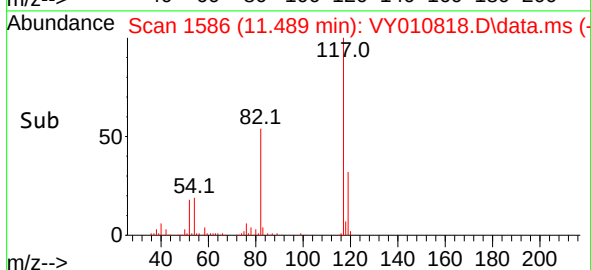
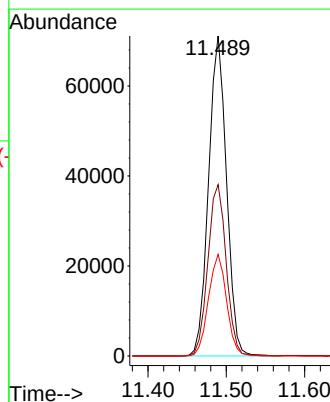
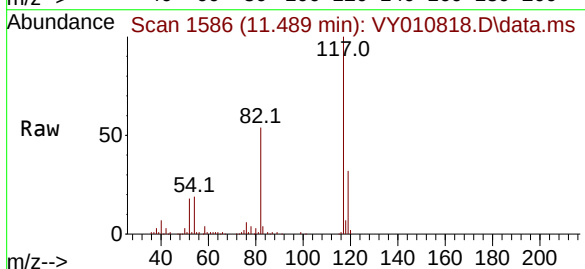
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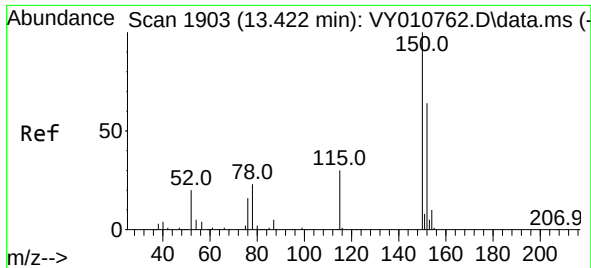
Tgt Ion: 95 Resp: 40619
Ion Ratio Lower Upper
95 100
174 82.6 0.0 177.0
176 79.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010818.D
Acq: 05 Oct 2022 14:31

Tgt Ion: 117 Resp: 112918
Ion Ratio Lower Upper
117 100
82 53.6 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: VY010818.D

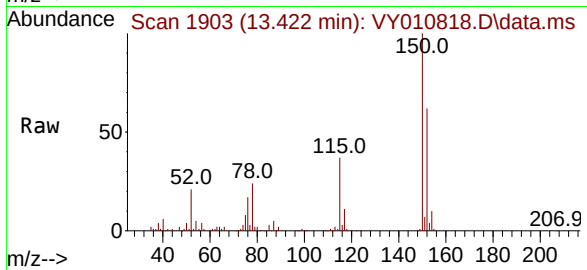
Acq: 05 Oct 2022 14:31

Instrument :

MSVOA_Y

ClientSampleId :

PAT-02-100322RE



Tgt Ion:152 Resp: 44689

Ion Ratio Lower Upper

152 100

115 56.7 28.2 84.7

150 155.6 0.0 347.6

