

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100522\
 Data File : VY010819.D
 Acq On : 05 Oct 2022 14:53
 Operator : KP/MD
 Sample : N4960-05
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PAT-03-100322

Quant Time: Oct 06 09:18:33 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)

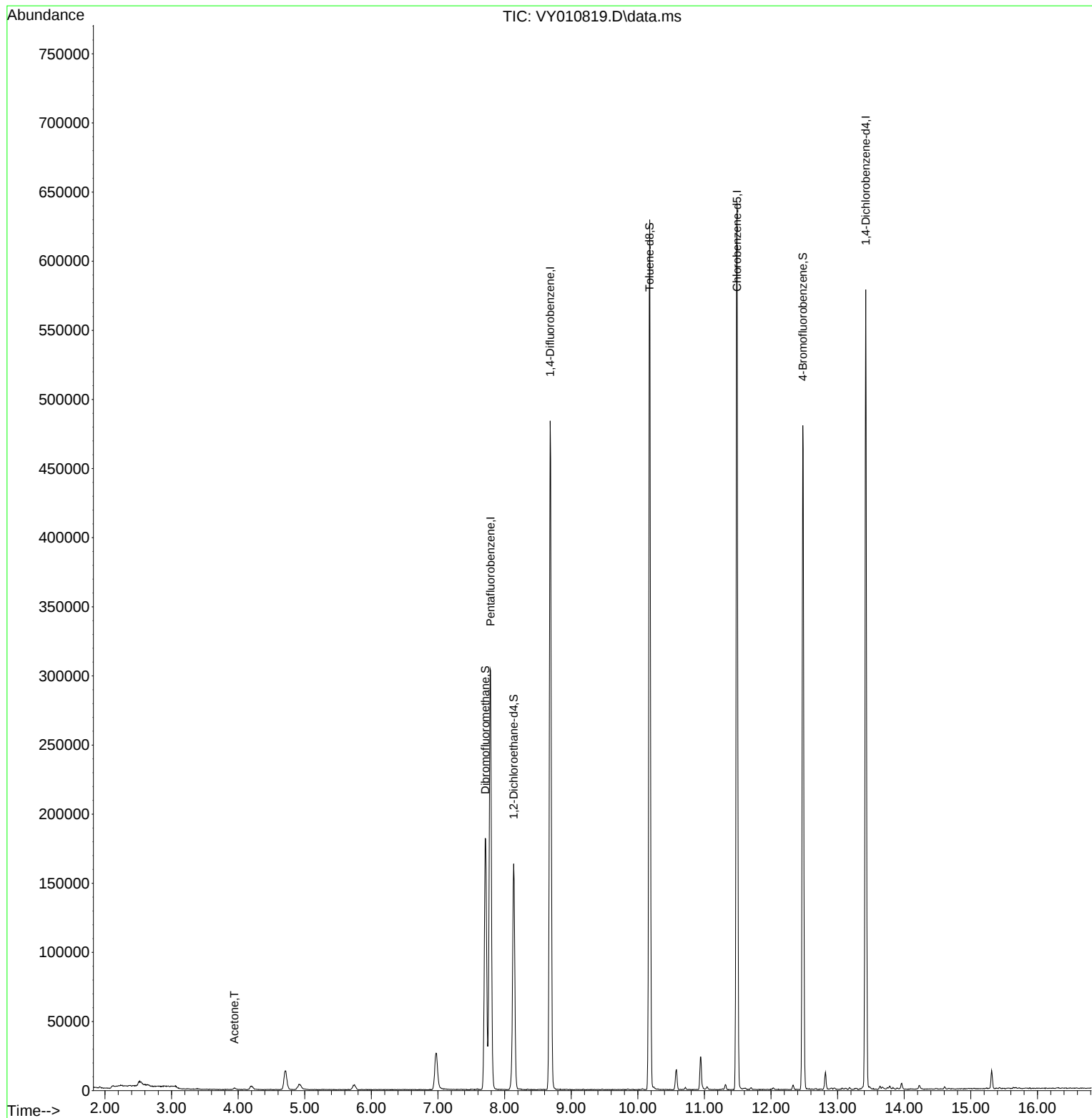
Internal Standards						
1) Pentafluorobenzene	7.789	168	238652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	410967	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	348025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	144395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	123450	51.033	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.060%	
35) Dibromofluoromethane	7.710	113	131986	48.381	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.760%	
50) Toluene-d8	10.179	98	406257	43.545	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 87.100%	
62) 4-Bromofluorobenzene	12.477	95	146522	39.421	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.840%	
Target Compounds						
16) Acetone	3.942	43	1714	2.790	ug/l	Qvalue 100

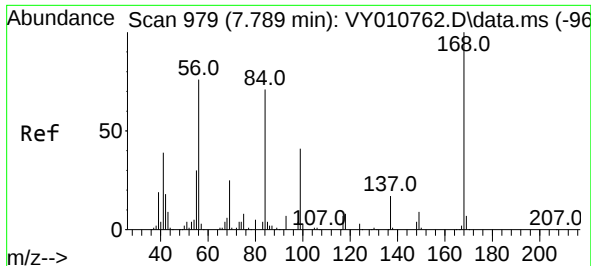
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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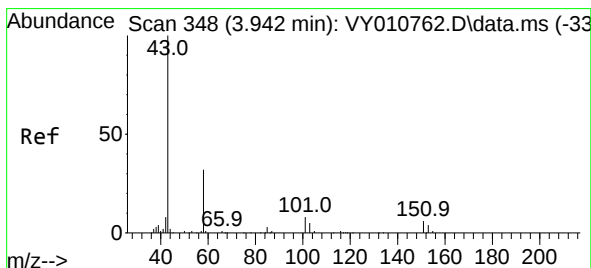
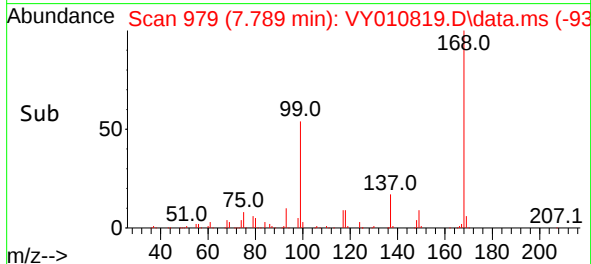
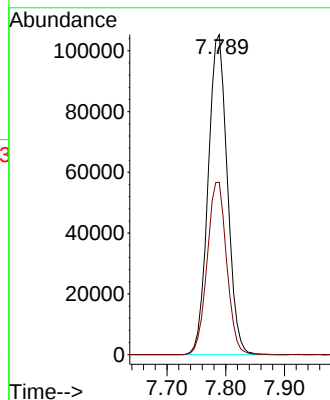
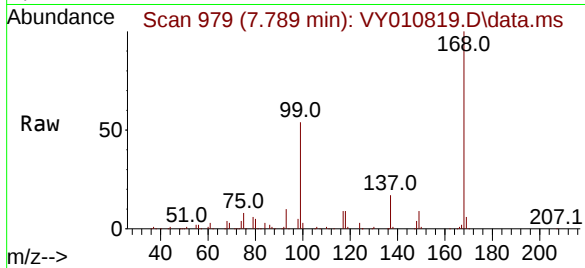




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010819.D
Acq: 05 Oct 2022 14:53

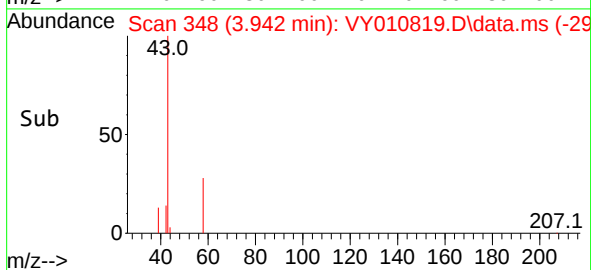
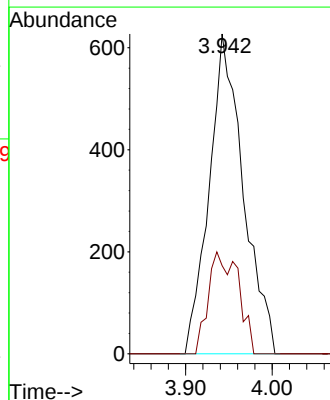
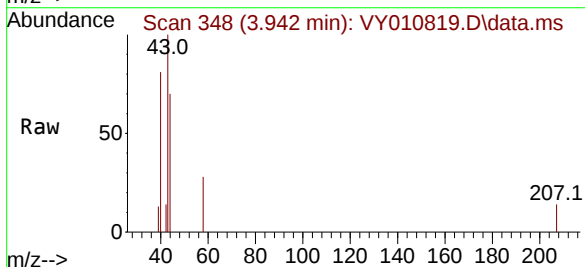
Instrument :
MSVOA_Y
ClientSampleId :
PAT-03-100322

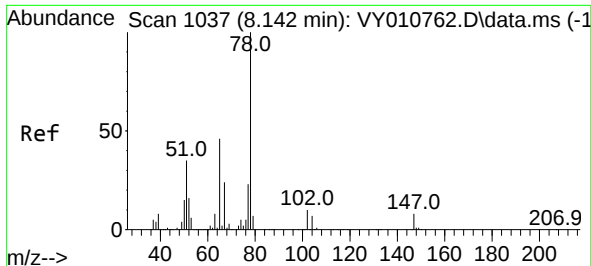
Tgt Ion:168 Resp: 238652
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#16
Acetone
Concen: 2.790 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010819.D
Acq: 05 Oct 2022 14:53

Tgt Ion: 43 Resp: 1714
Ion Ratio Lower Upper
43 100
58 27.6 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 51.033 ug/l

RT: 8.137 min Scan# 110

Delta R.T. -0.005 min

Lab File: VY010819.D

Acq: 05 Oct 2022 14:53

Instrument :

MSVOA_Y

ClientSampleId :

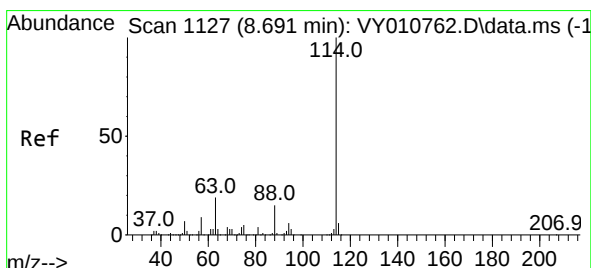
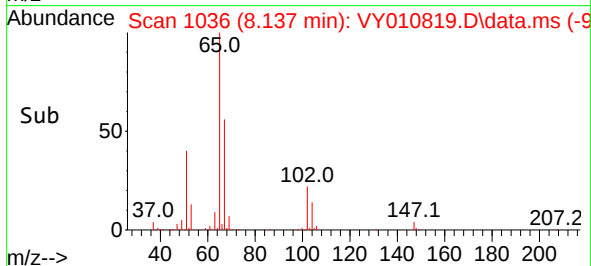
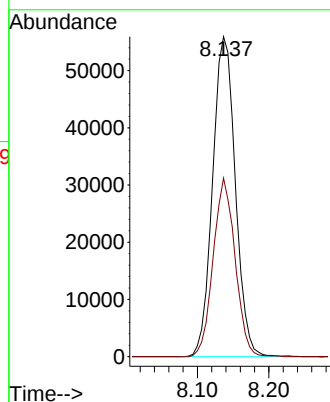
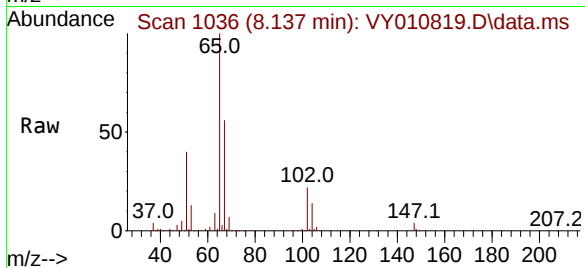
PAT-03-100322

Tgt Ion: 65 Resp: 123450

Ion Ratio Lower Upper

65 100

67 53.8 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: VY010819.D

Acq: 05 Oct 2022 14:53

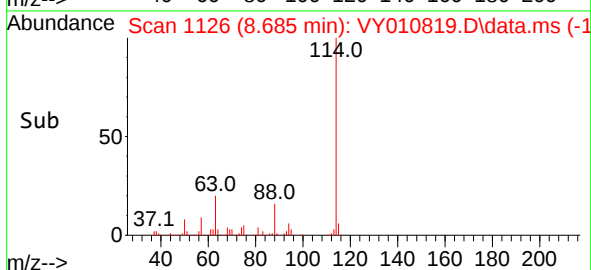
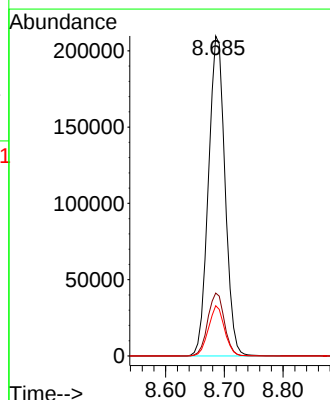
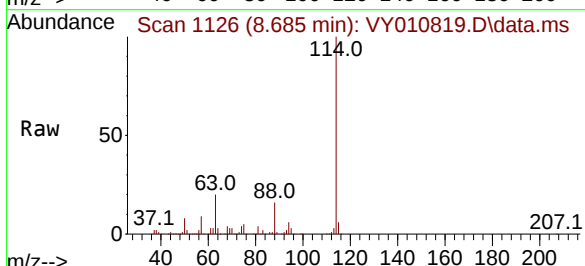
Tgt Ion: 114 Resp: 410967

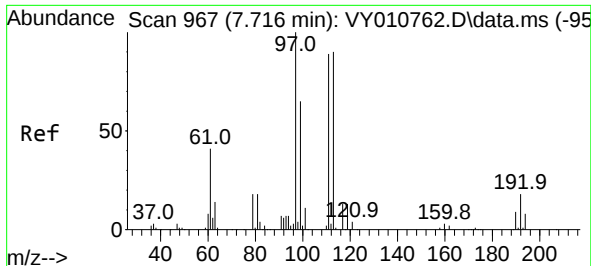
Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 15.7 0.0 31.8

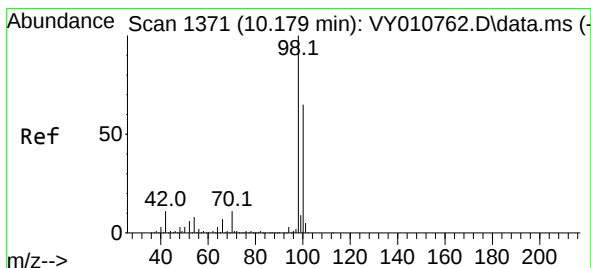
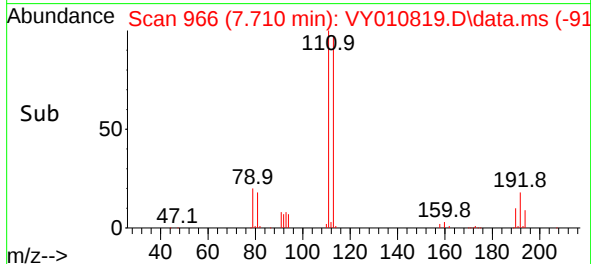
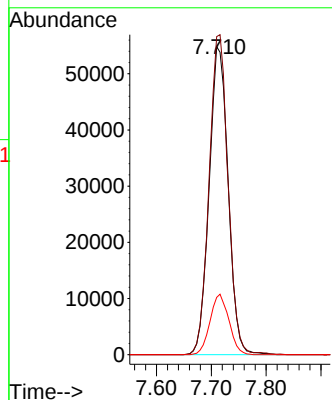
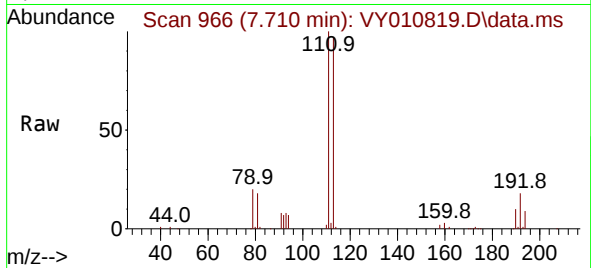




#35
Dibromofluoromethane
Concen: 48.381 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY010819.D
Acq: 05 Oct 2022 14:53

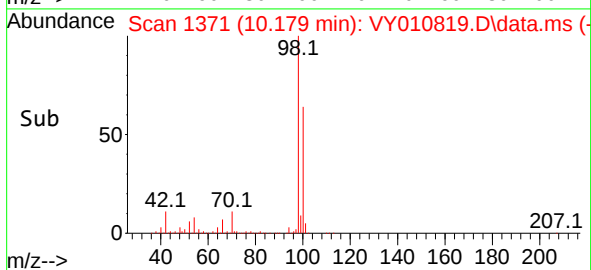
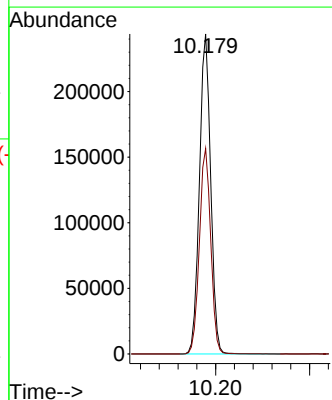
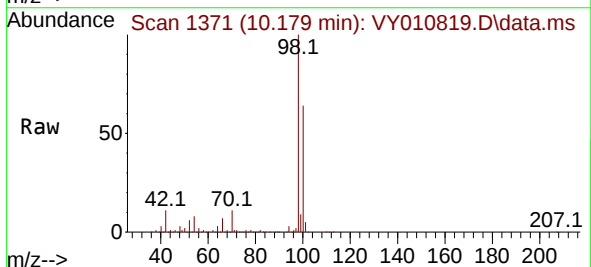
Instrument :
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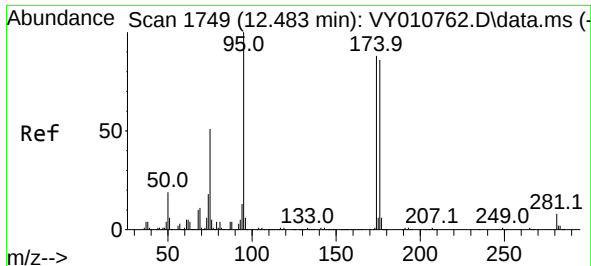
Tgt Ion:113 Resp: 131986
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 19.5 17.6 26.4



#50
Toluene-d8
Concen: 43.545 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010819.D
Acq: 05 Oct 2022 14:53

Tgt Ion: 98 Resp: 406257
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

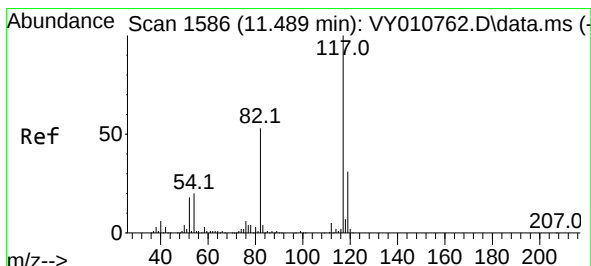
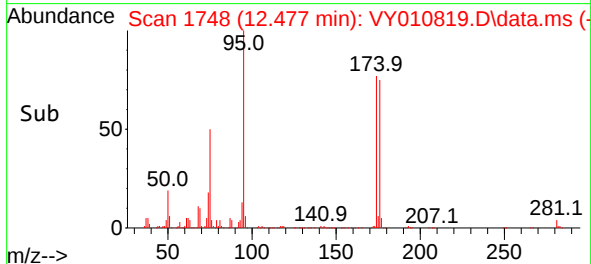
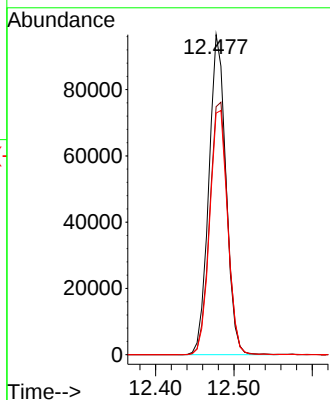
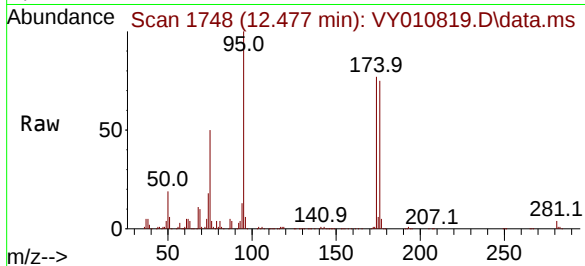




#62
4-Bromofluorobenzene
Concen: 39.421 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010819.D
Acq: 05 Oct 2022 14:53

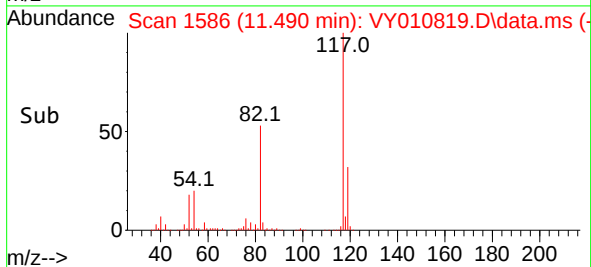
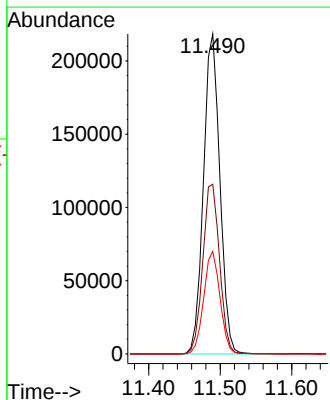
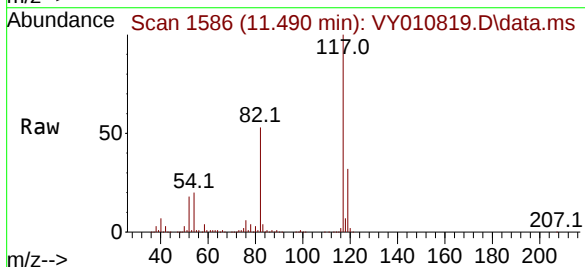
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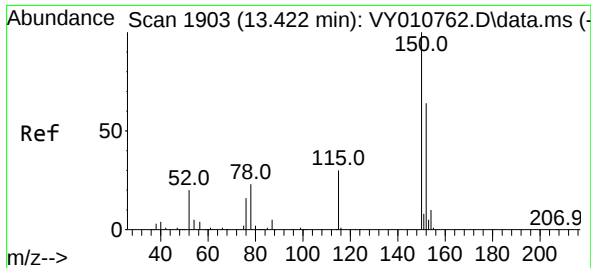
Tgt Ion: 95 Resp: 146522
Ion Ratio Lower Upper
95 100
174 83.2 0.0 177.0
176 80.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY010819.D
Acq: 05 Oct 2022 14:53

Tgt Ion: 117 Resp: 348025
Ion Ratio Lower Upper
117 100
82 53.1 43.0 64.4
119 32.1 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: VY010819.D

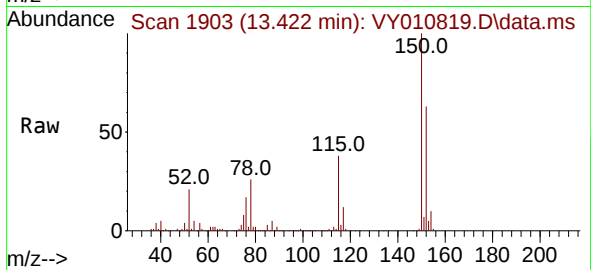
Acq: 05 Oct 2022 14:53

Instrument :

MSVOA_Y

ClientSampleId :

PAT-03-100322



Tgt Ion:152 Resp: 144395

Ion Ratio Lower Upper

152 100

115 58.0 28.2 84.7

150 157.2 0.0 347.6

