

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091322\
 Data File : VY010467.D
 Acq On : 13 Sep 2022 18:29
 Operator : KP/MD
 Sample : N4486-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PC-1

Quant Time: Sep 14 05:26:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

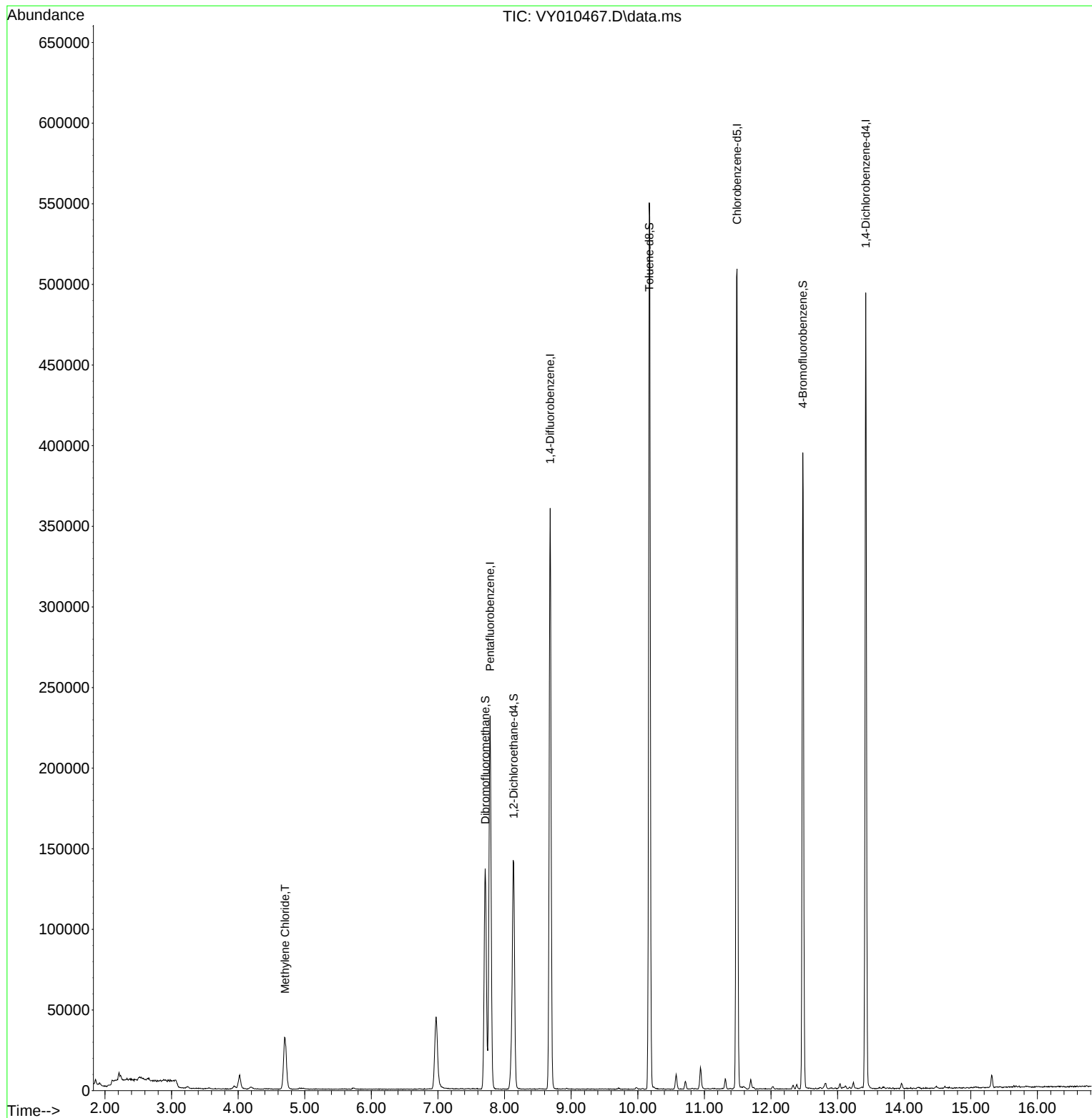
Internal Standards						
1) Pentafluorobenzene	7.783	168	181407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	313626	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	288242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	122975	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	104329	57.102	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.200%
35) Dibromofluoromethane	7.710	113	96379	43.270	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.540%
50) Toluene-d8	10.173	98	368962	51.111	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.220%
62) 4-Bromofluorobenzene	12.477	95	121926	41.573	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.140%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.704	84	24992	6.306	ug/l	# 81

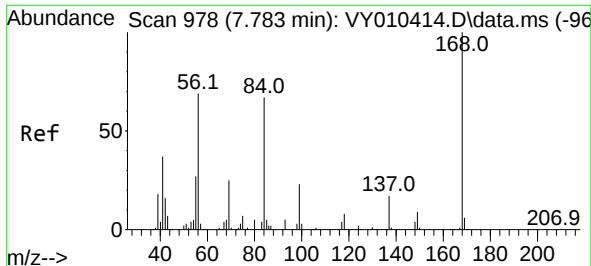
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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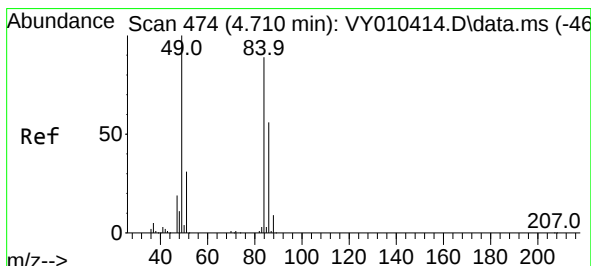
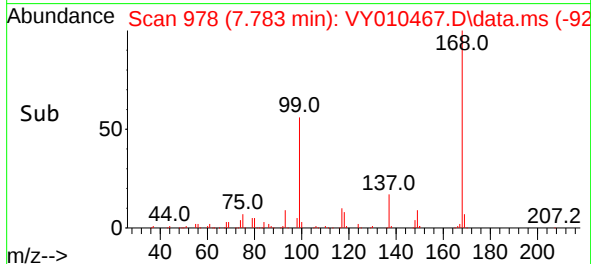
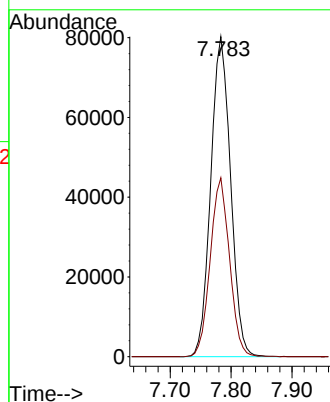
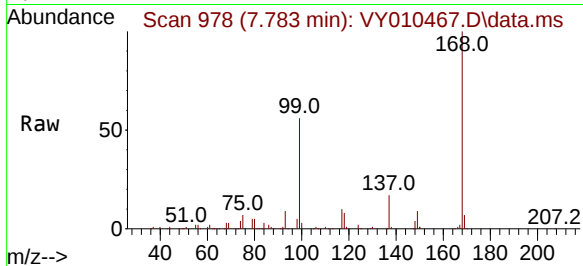




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010467.D
Acq: 13 Sep 2022 18:29

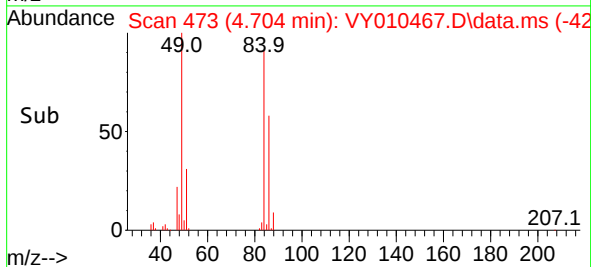
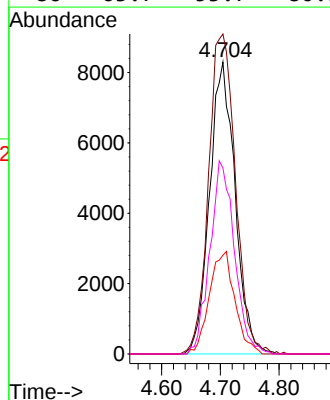
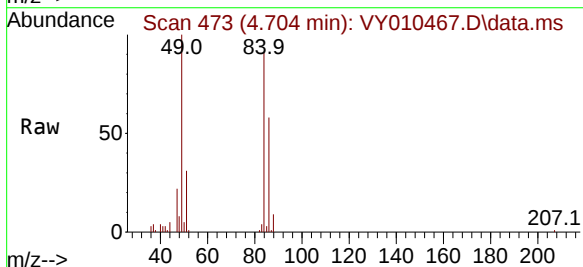
Instrument :
MSVOA_Y
ClientSampleId :
PC-1

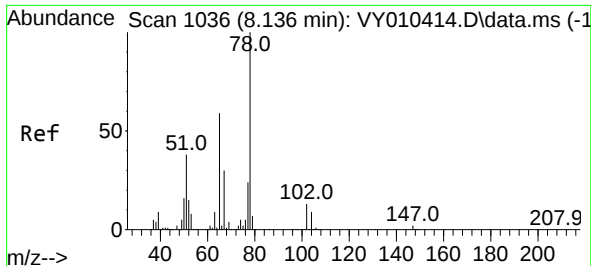
Tgt Ion:168 Resp: 181407
Ion Ratio Lower Upper
168 100
99 55.9 46.9 70.3



#20
Methylene Chloride
Concen: 6.306 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY010467.D
Acq: 13 Sep 2022 18:29

Tgt Ion: 84 Resp: 24992
Ion Ratio Lower Upper
84 100
49 109.6 114.4 171.6#
51 33.8 35.3 52.9#
86 63.7 53.7 80.5

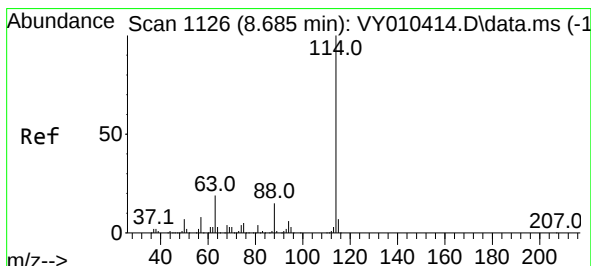
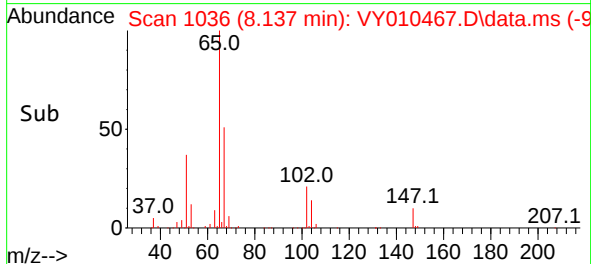
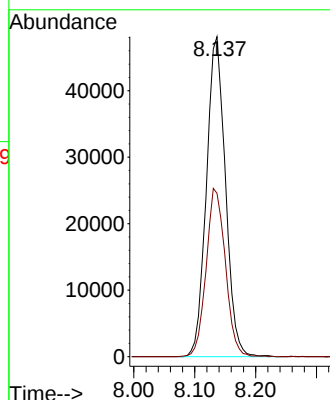
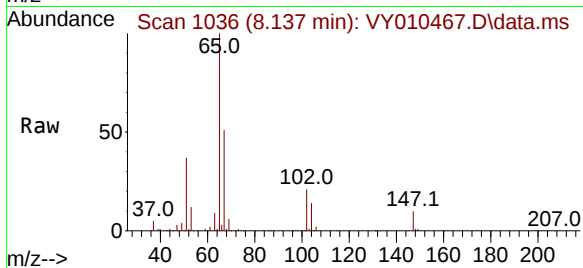




#33
 1,2-Dichloroethane-d4
 Concen: 57.102 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.001 min
 Lab File: VY010467.D
 Acq: 13 Sep 2022 18:29

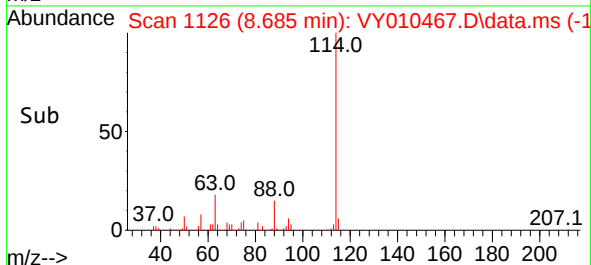
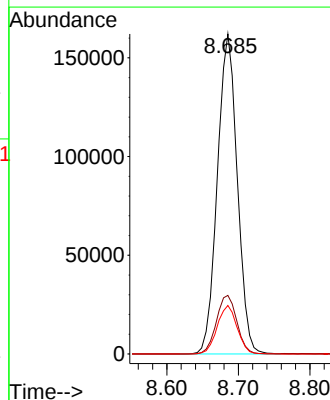
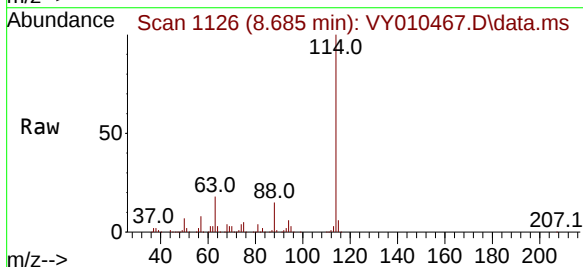
Instrument :
 MSVOA_Y
 ClientSampleId :
 PC-1

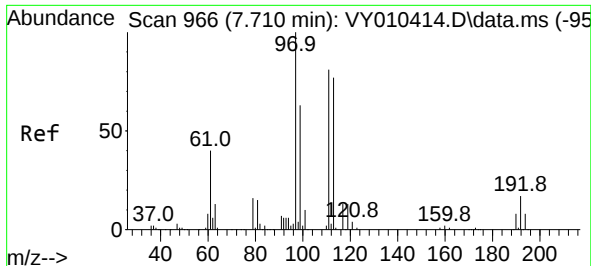
Tgt Ion: 65 Resp: 104329
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY010467.D
 Acq: 13 Sep 2022 18:29

Tgt Ion: 114 Resp: 313626
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 43.2
 88 15.1 0.0 31.8

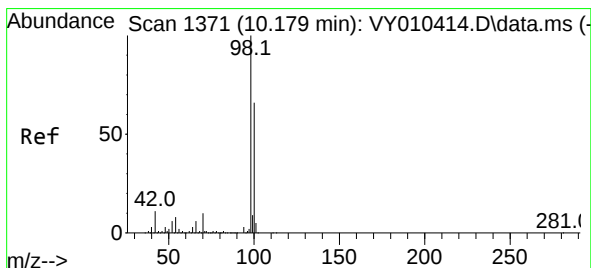
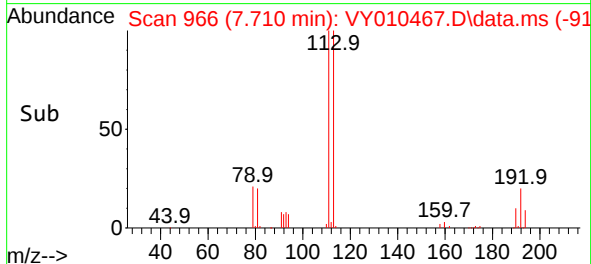
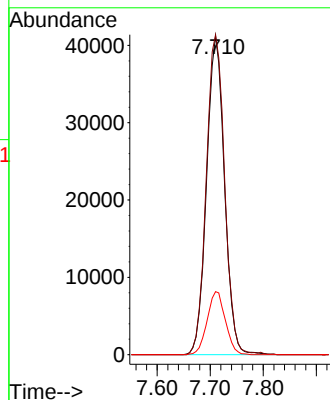
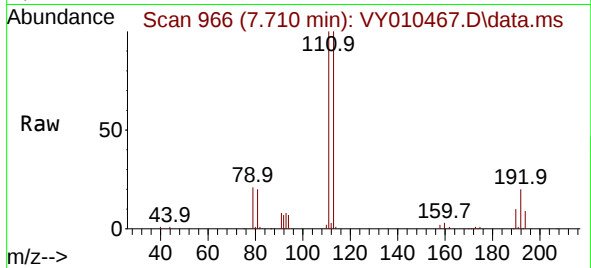




#35
Dibromofluoromethane
Concen: 43.270 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010467.D
Acq: 13 Sep 2022 18:29

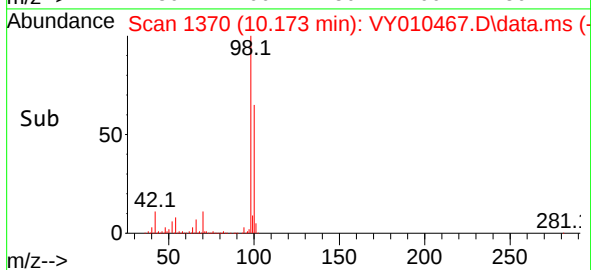
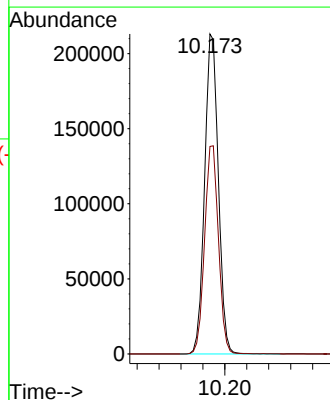
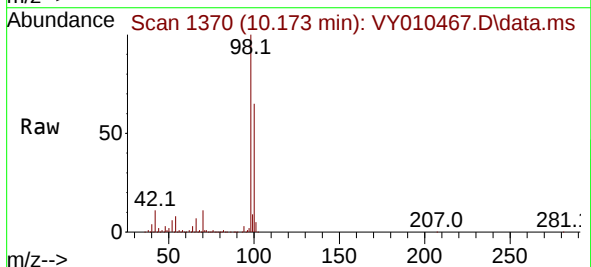
Instrument :
MSVOA_Y
ClientSampleId :
PC-1

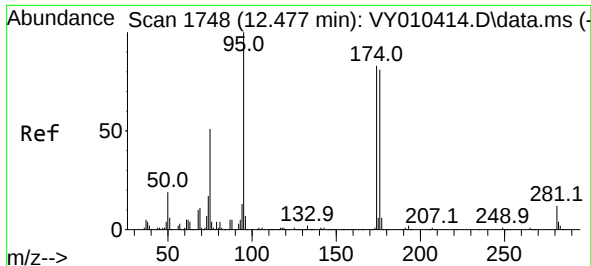
Tgt Ion:113 Resp: 96379
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 20.1 17.6 26.4



#50
Toluene-d8
Concen: 51.111 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY010467.D
Acq: 13 Sep 2022 18:29

Tgt Ion: 98 Resp: 368962
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2

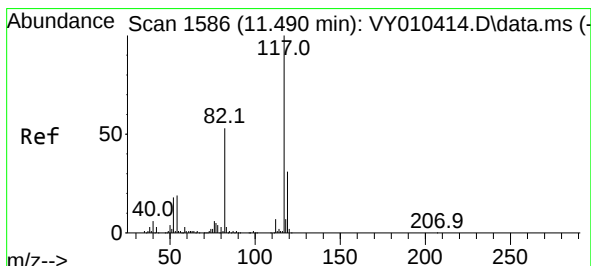
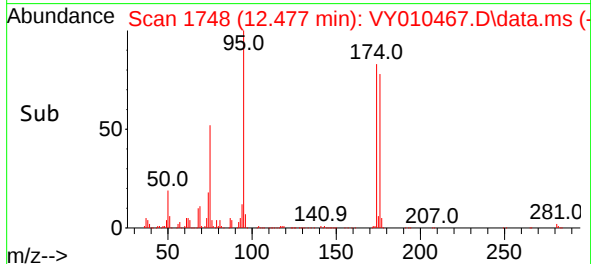
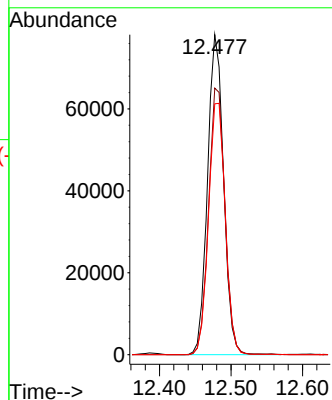
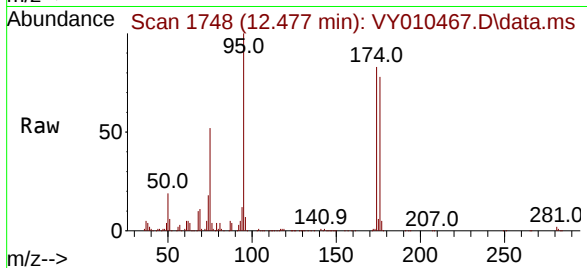




#62
4-Bromofluorobenzene
Concen: 41.573 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010467.D
Acq: 13 Sep 2022 18:29

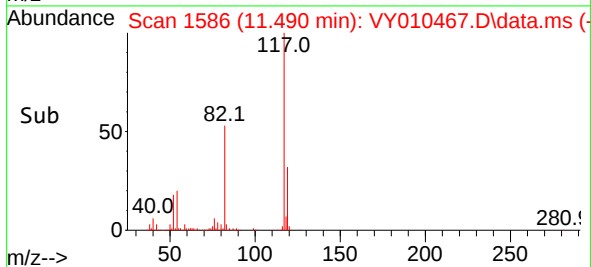
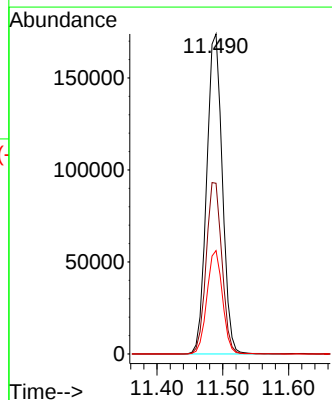
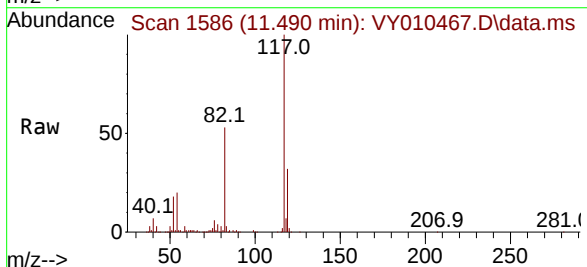
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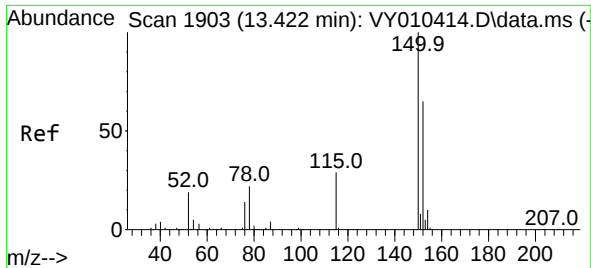
Tgt Ion: 95 Resp: 121926
Ion Ratio Lower Upper
95 100
174 85.1 0.0 177.0
176 81.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010467.D
Acq: 13 Sep 2022 18:29

Tgt Ion: 117 Resp: 288242
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 32.3 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: VY010467.D

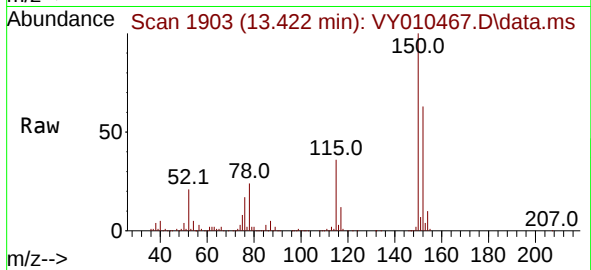
Acq: 13 Sep 2022 18:29

Instrument :

MSVOA_Y

ClientSampleId :

PC-1



Tgt Ion:152 Resp: 122975

Ion Ratio Lower Upper

152 100

115 58.0 28.2 84.7

150 157.7 0.0 347.6

