

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091622\
 Data File : VY010533.D
 Acq On : 16 Sep 2022 14:30
 Operator : KP/MD
 Sample : N4644-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-6-091422

Quant Time: Sep 17 00:28:33 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)

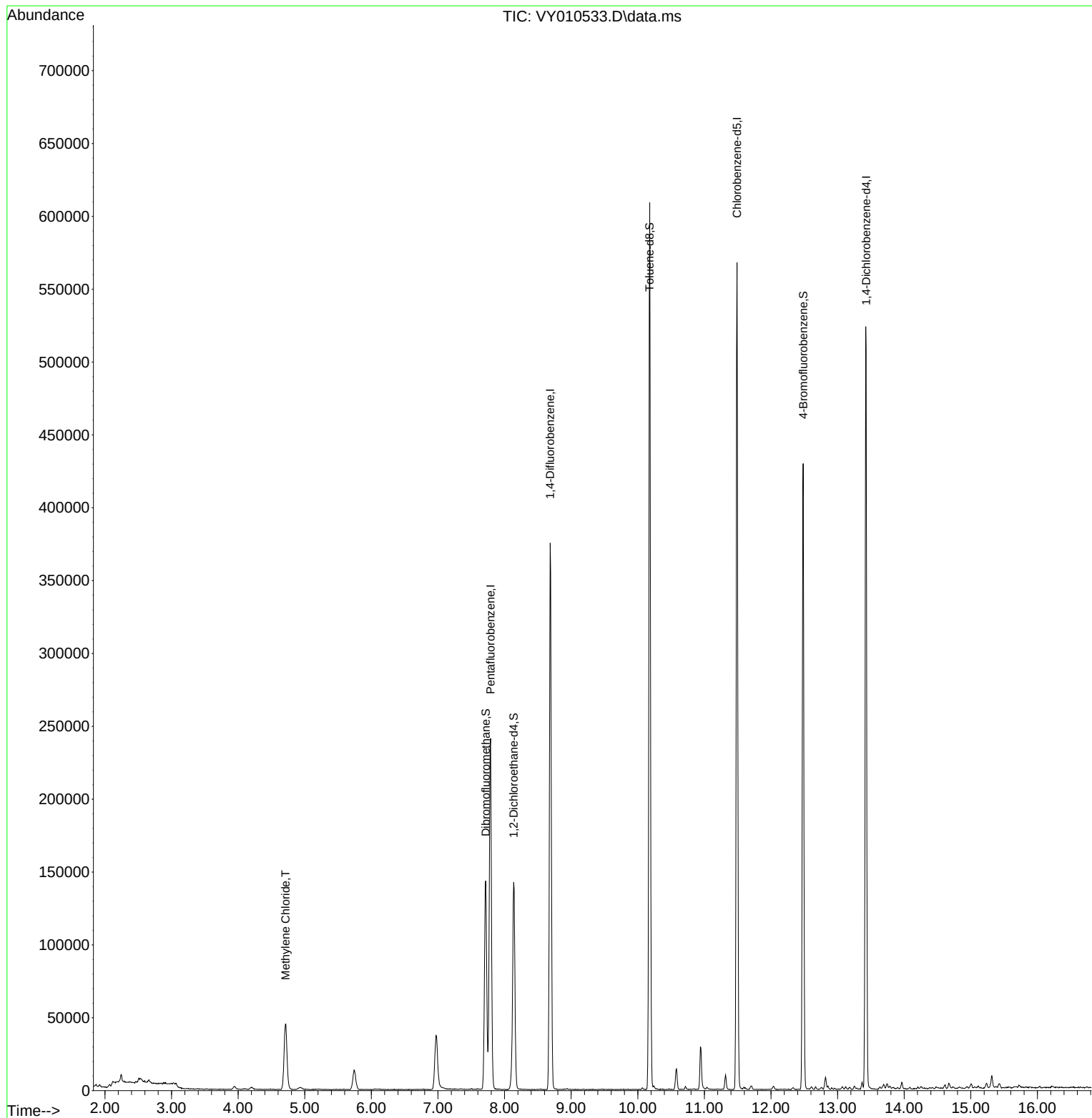
Internal Standards						
1) Pentafluorobenzene	7.789	168	189324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	326671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	305523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	136865	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	108633	56.971	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.940%
35) Dibromofluoromethane	7.716	113	102200	44.051	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.100%
50) Toluene-d8	10.179	98	387255	51.503	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.000%
62) 4-Bromofluorobenzene	12.483	95	128672	42.214	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.420%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	35244	11.318	ug/l #	79

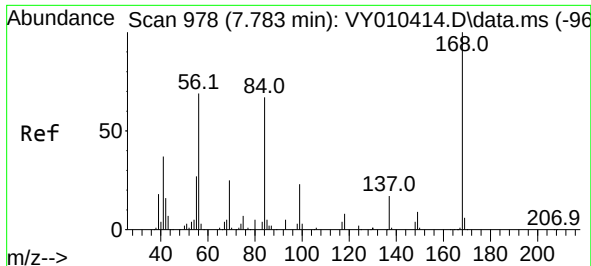
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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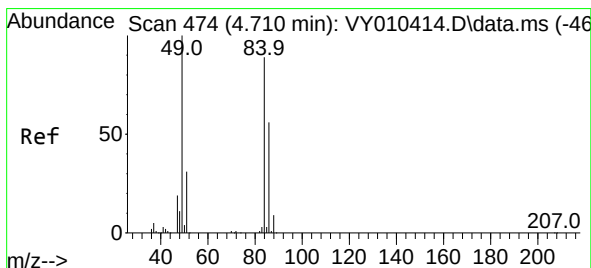
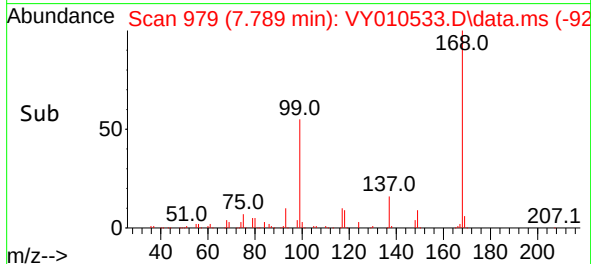
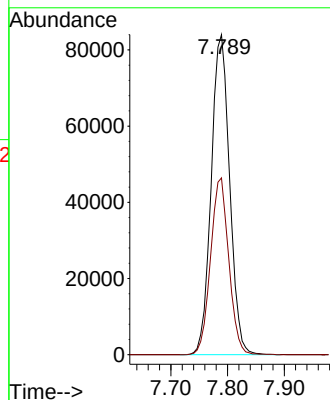
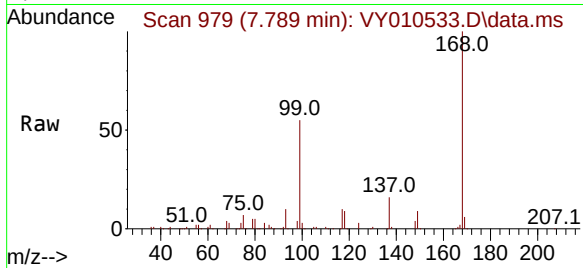




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010533.D
Acq: 16 Sep 2022 14:30

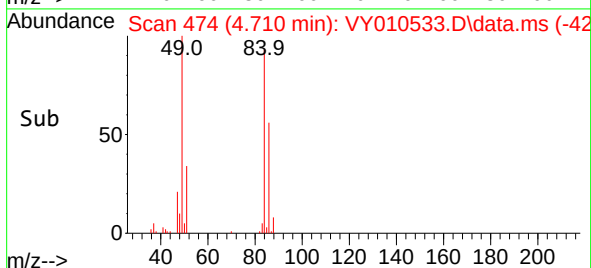
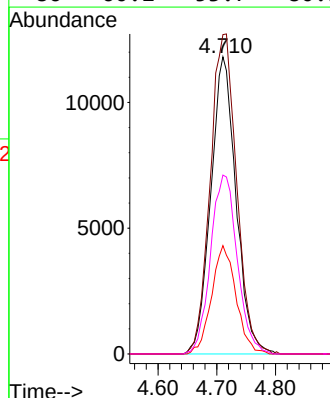
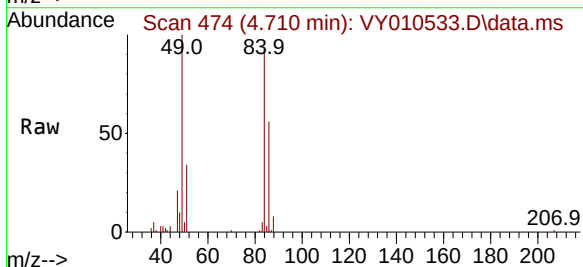
Instrument :
MSVOA_Y
ClientSampleId :
TR-6-091422

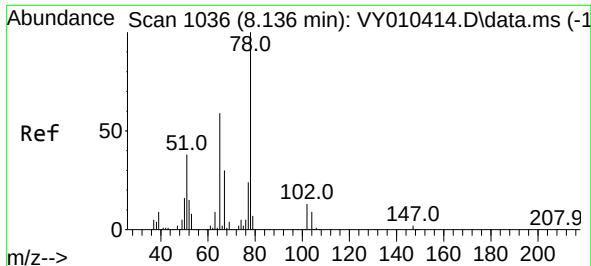
Tgt Ion:168 Resp: 189324
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3



#20
Methylene Chloride
Concen: 11.318 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY010533.D
Acq: 16 Sep 2022 14:30

Tgt Ion: 84 Resp: 35244
Ion Ratio Lower Upper
84 100
49 107.5 114.4 171.6#
51 36.4 35.3 52.9
86 60.2 53.7 80.5

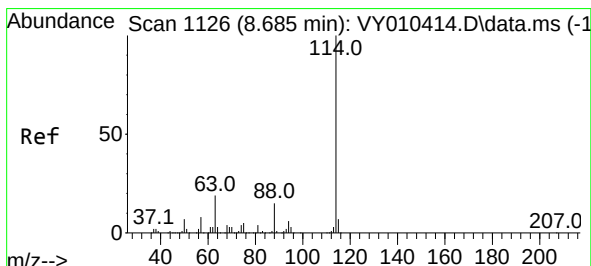
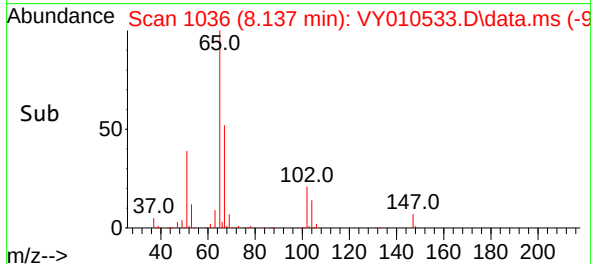
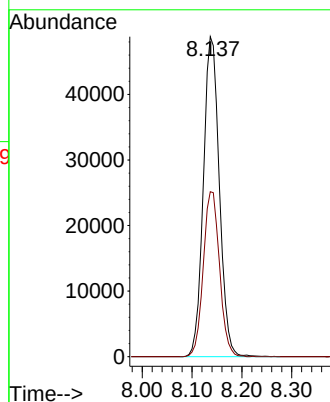
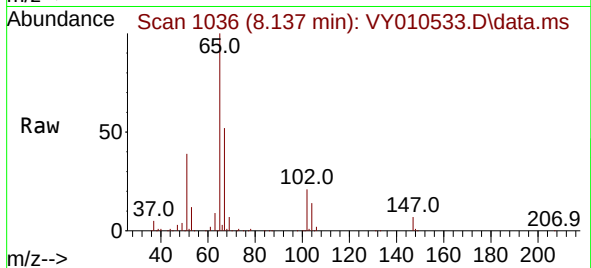




#33
 1,2-Dichloroethane-d4
 Concen: 56.971 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.001 min
 Lab File: VY010533.D
 Acq: 16 Sep 2022 14:30

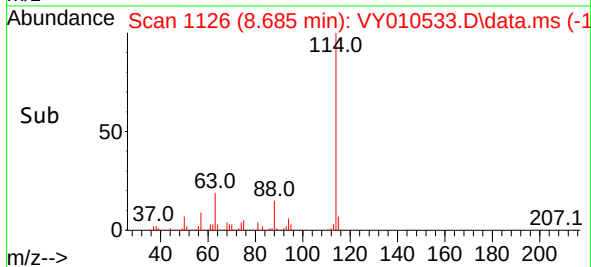
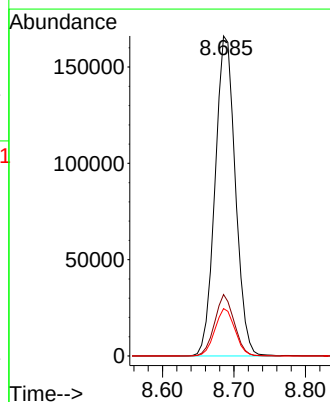
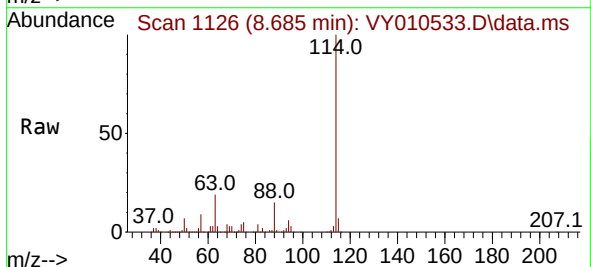
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-6-091422

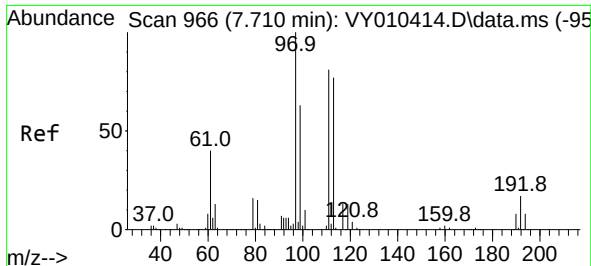
Tgt Ion: 65 Resp: 108633
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY010533.D
 Acq: 16 Sep 2022 14:30

Tgt Ion: 114 Resp: 326671
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 43.2
 88 14.8 0.0 31.8

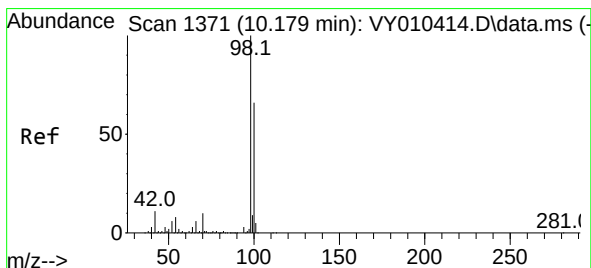
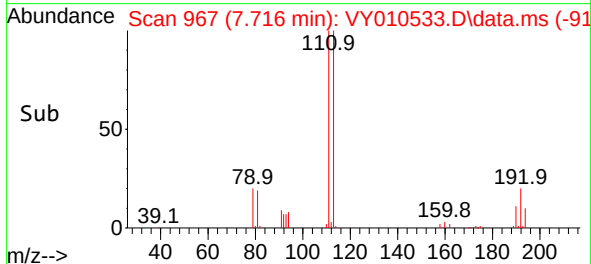
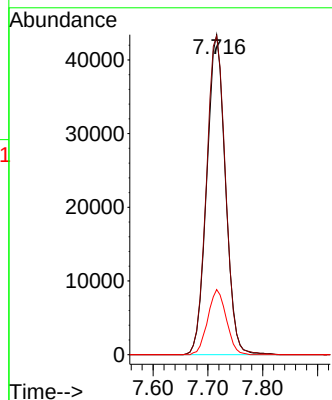
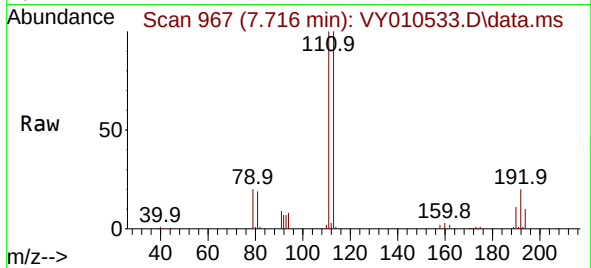




#35
 Dibromofluoromethane
 Concen: 44.051 ug/l
 RT: 7.716 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY010533.D
 Acq: 16 Sep 2022 14:30

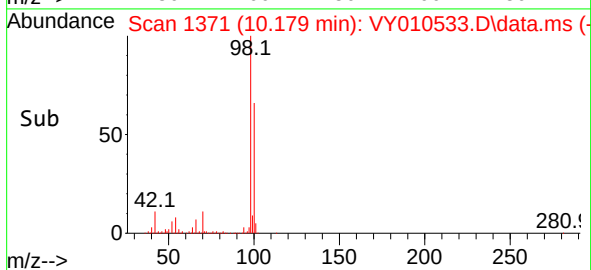
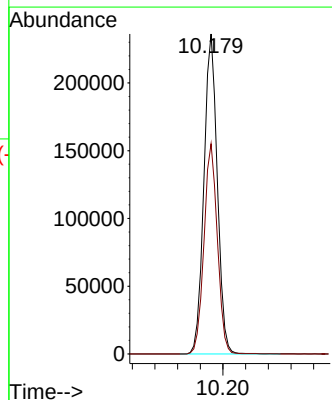
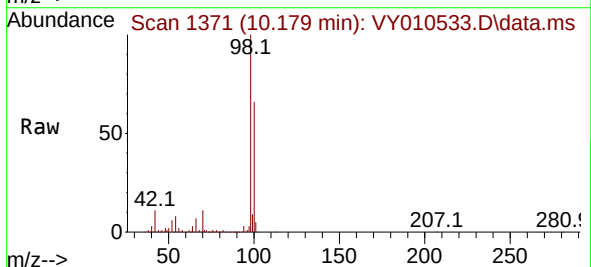
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-6-091422

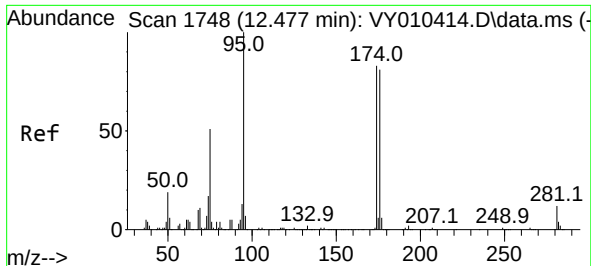
Tgt Ion:113 Resp: 102200
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.6 124.0
 192 20.2 17.6 26.4



#50
 Toluene-d8
 Concen: 51.503 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: VY010533.D
 Acq: 16 Sep 2022 14:30

Tgt Ion: 98 Resp: 387255
 Ion Ratio Lower Upper
 98 100
 100 65.6 50.2 75.2

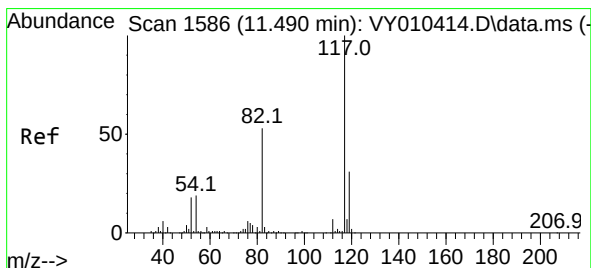
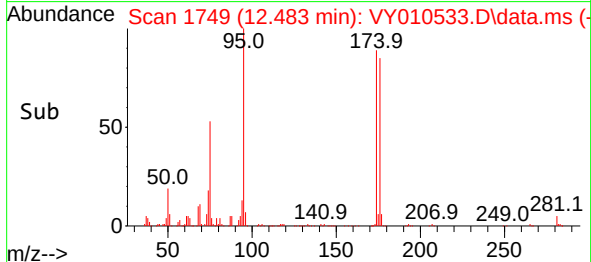
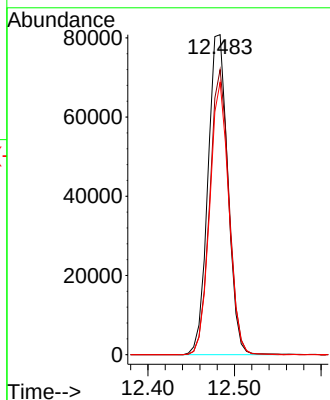
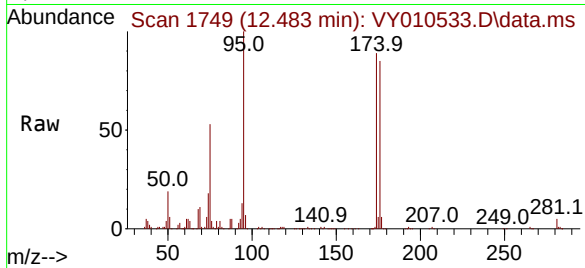




#62
4-Bromofluorobenzene
Concen: 42.214 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010533.D
Acq: 16 Sep 2022 14:30

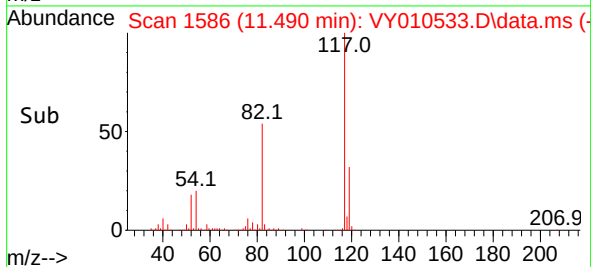
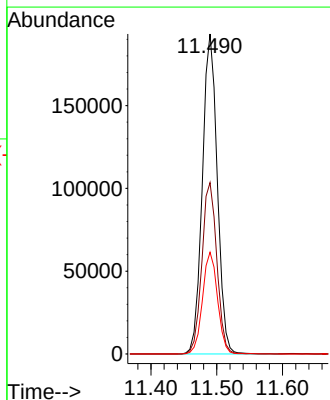
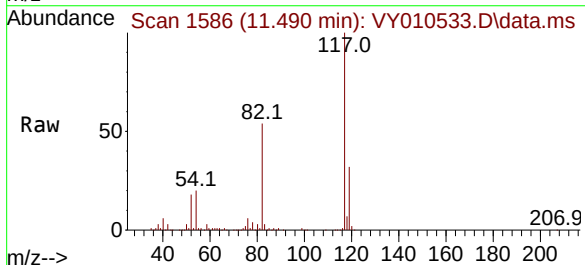
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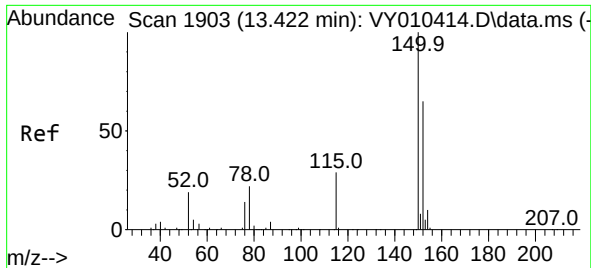
Tgt Ion: 95 Resp: 128672
Ion Ratio Lower Upper
95 100
174 86.4 0.0 177.0
176 82.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010533.D
Acq: 16 Sep 2022 14:30

Tgt Ion: 117 Resp: 305523
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.4
119 31.8 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY010533.D

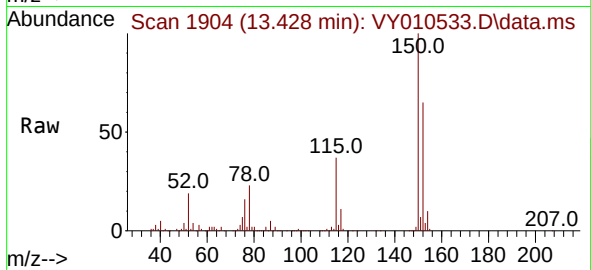
Acq: 16 Sep 2022 14:30

Instrument :

MSVOA_Y

ClientSampleId :

TR-6-091422



Tgt Ion:152 Resp: 136865

Ion Ratio Lower Upper

152 100

115 58.0 28.2 84.7

150 157.2 0.0 347.6

