

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092322\
 Data File : VY010648.D
 Acq On : 23 Sep 2022 14:59
 Operator : KP/MD
 Sample : N4762-05
 Misc : 6.43g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22004-(17.5-18)

Quant Time: Sep 24 01:21:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

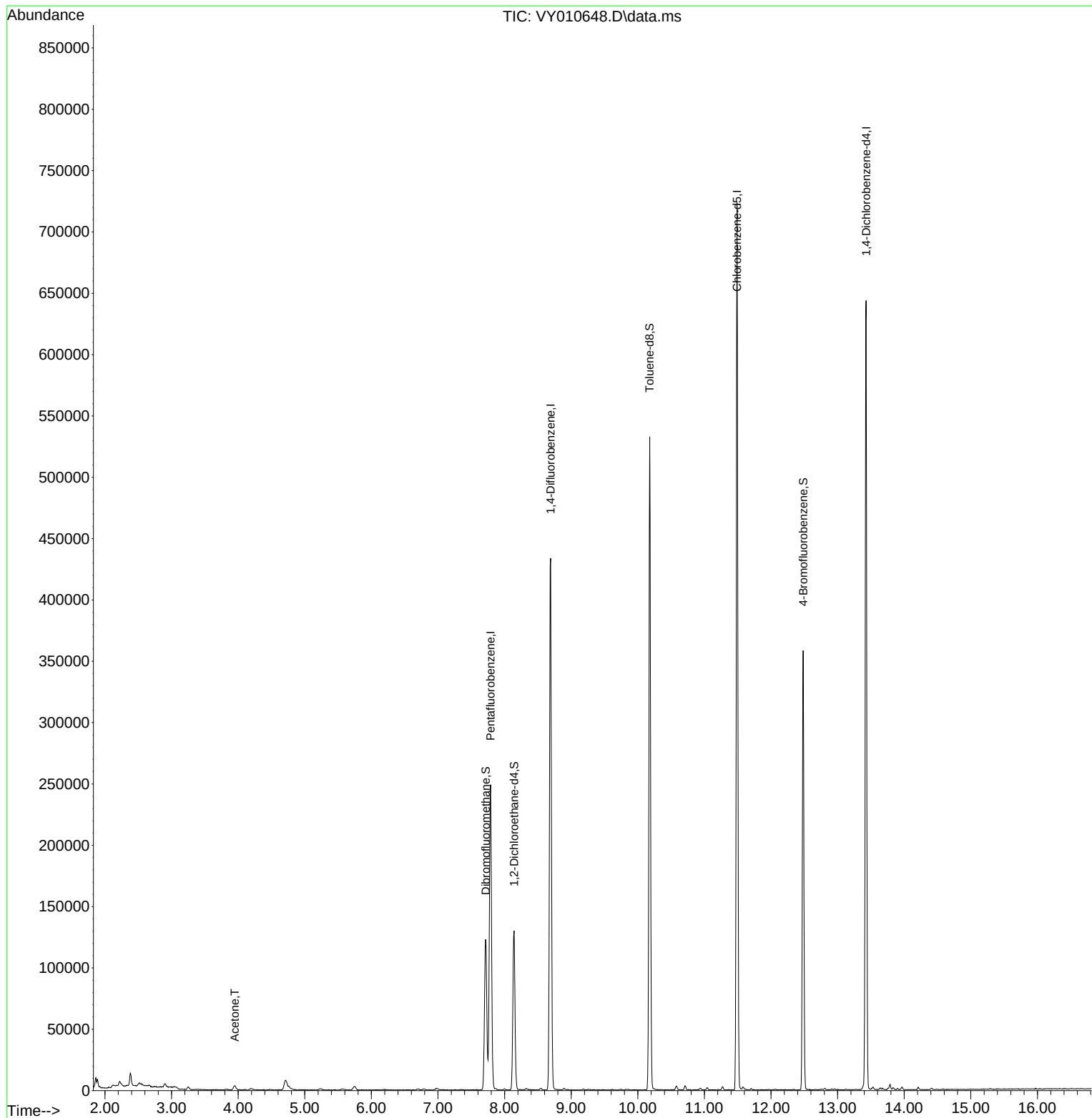
Internal Standards						
1) Pentafluorobenzene	7.789	168	194031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	373734	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	378941	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	165519	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	101395	54.635	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.280%	
35) Dibromofluoromethane	7.716	113	88818	37.238	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 74.480%	
50) Toluene-d8	10.179	98	340468	39.334	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 78.660%	
62) 4-Bromofluorobenzene	12.483	95	105754	31.316	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 62.640%	
Target Compounds						
16) Acetone	3.948	43	6111	16.147	ug/l	Qvalue # 76

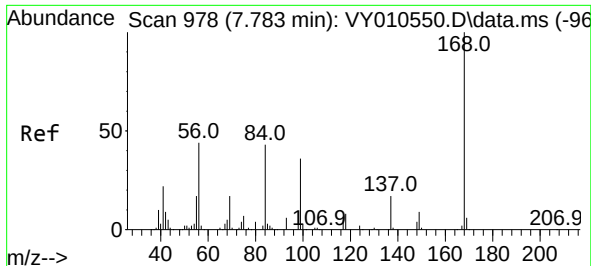
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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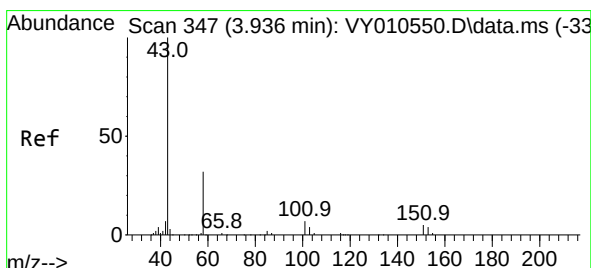
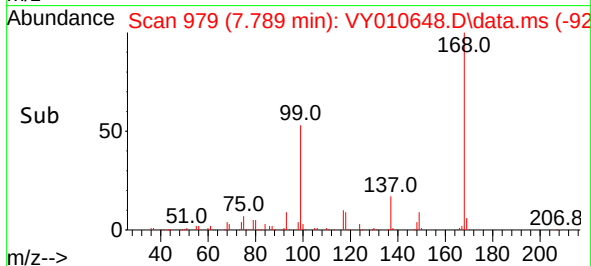
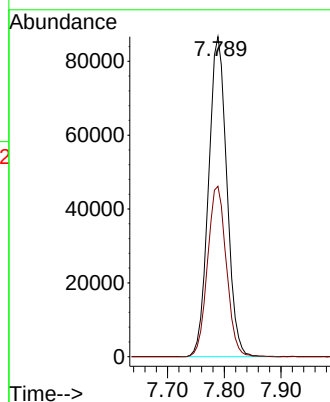
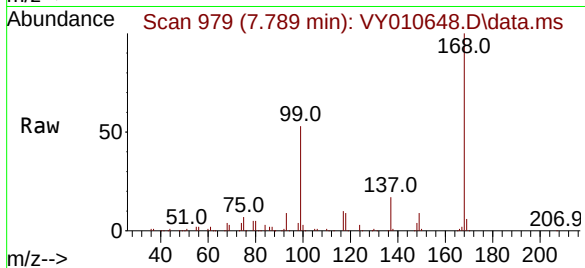




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010648.D
Acq: 23 Sep 2022 14:59

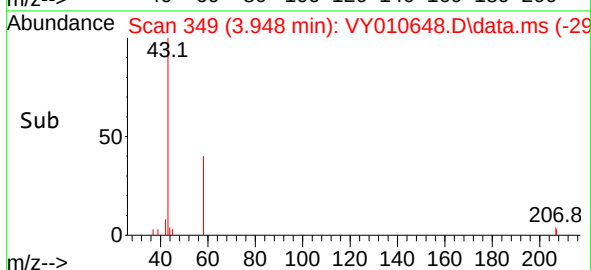
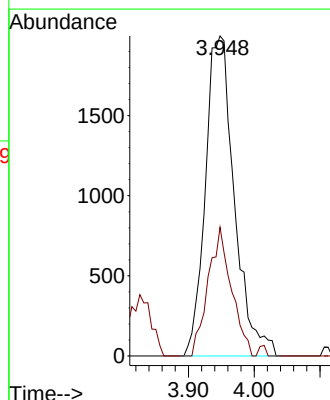
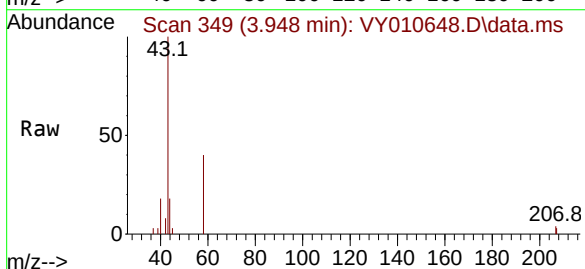
Instrument :
MSVOA_Y
ClientSampleId :
D22004-(17.5-18)

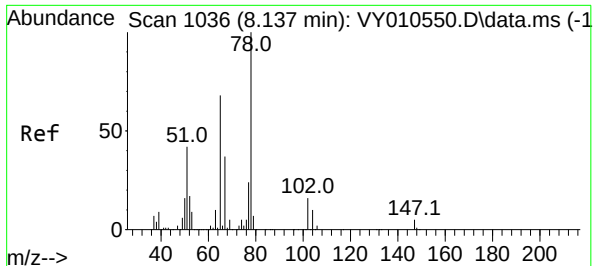
Tgt Ion:168 Resp: 194031
Ion Ratio Lower Upper
168 100
99 53.3 46.9 70.3



#16
Acetone
Concen: 16.147 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY010648.D
Acq: 23 Sep 2022 14:59

Tgt Ion: 43 Resp: 6111
Ion Ratio Lower Upper
43 100
58 40.2 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 54.635 ug/l

RT: 8.142 min Scan# 1036

Delta R.T. 0.005 min

Lab File: VY010648.D

Acq: 23 Sep 2022 14:59

Instrument :

MSVOA_Y

ClientSampleId :

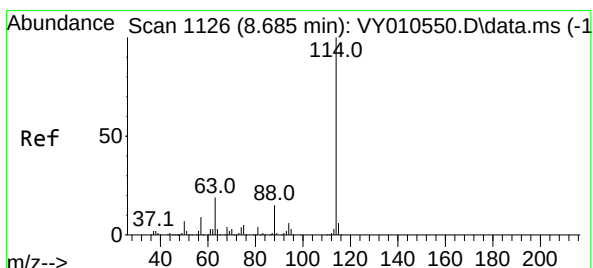
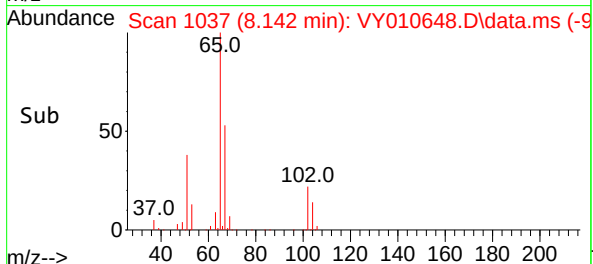
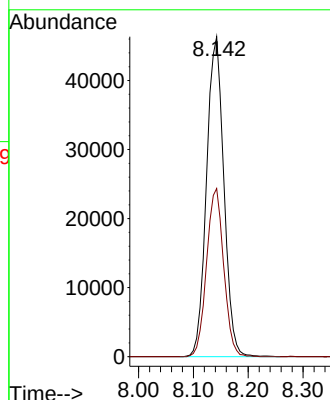
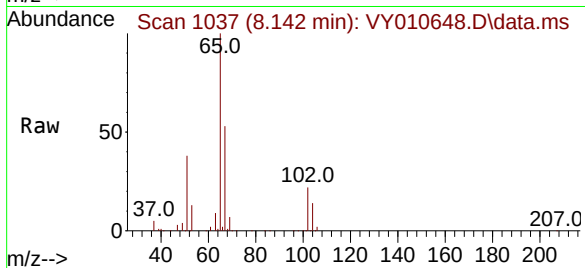
D22004-(17.5-18)

Tgt Ion: 65 Resp: 101395

Ion Ratio Lower Upper

65 100

67 52.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY010648.D

Acq: 23 Sep 2022 14:59

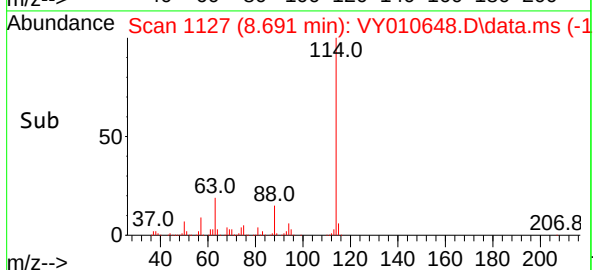
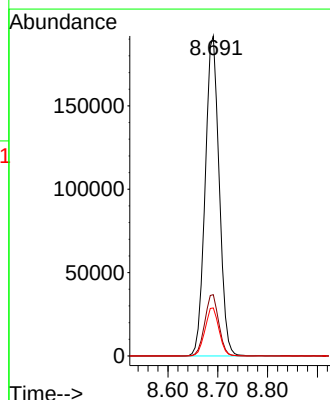
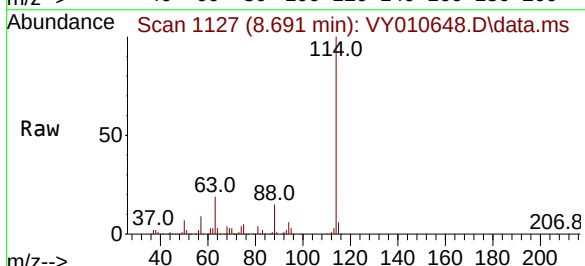
Tgt Ion: 114 Resp: 373734

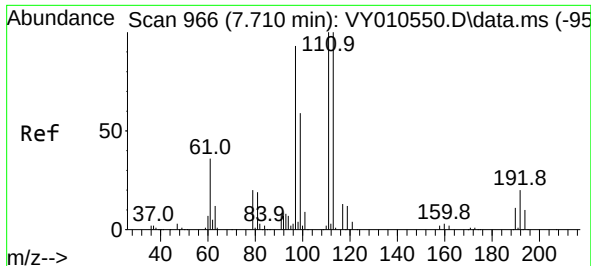
Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 15.0 0.0 31.8

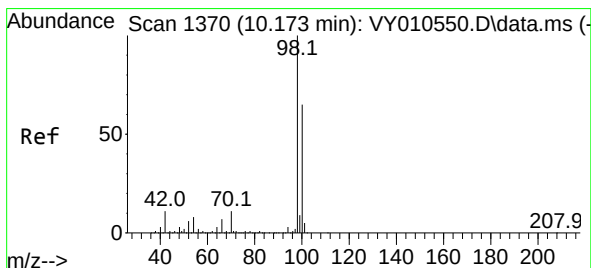
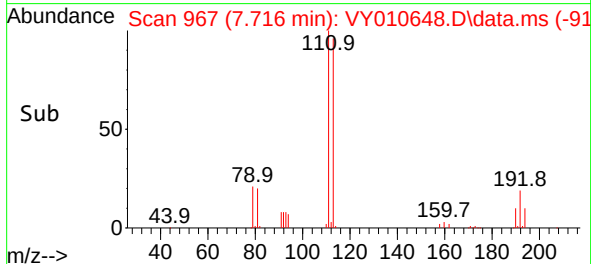
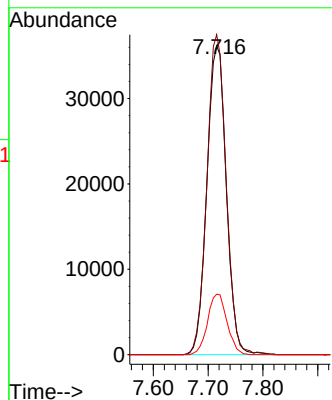
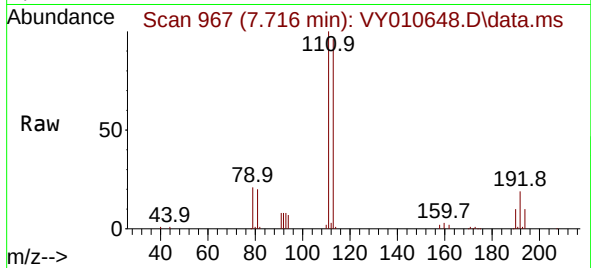




#35
Dibromofluoromethane
Concen: 37.238 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010648.D
Acq: 23 Sep 2022 14:59

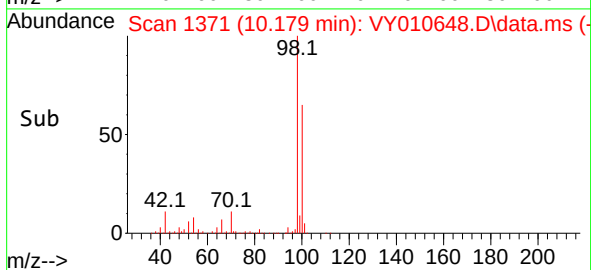
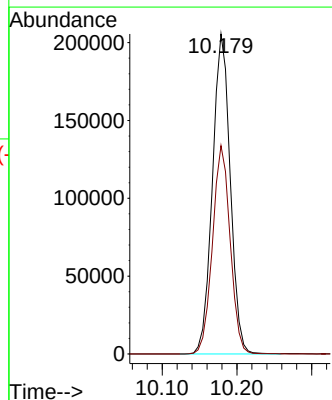
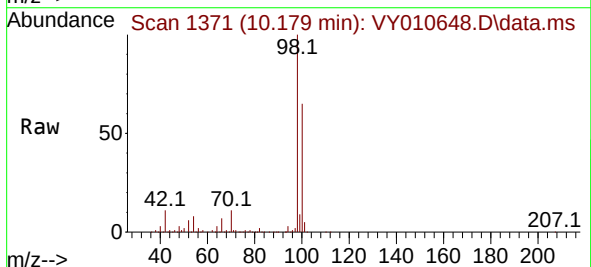
Instrument :
MSVOA_Y
ClientSampleId :
D22004-(17.5-18)

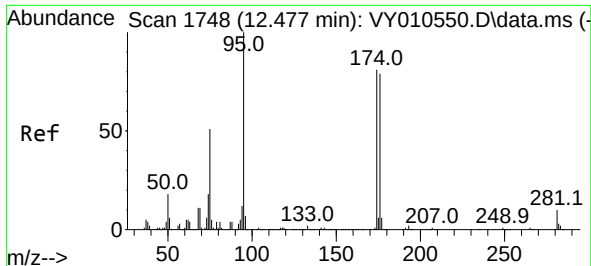
Tgt Ion:113 Resp: 88818
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 19.6 17.6 26.4



#50
Toluene-d8
Concen: 39.334 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010648.D
Acq: 23 Sep 2022 14:59

Tgt Ion: 98 Resp: 340468
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2

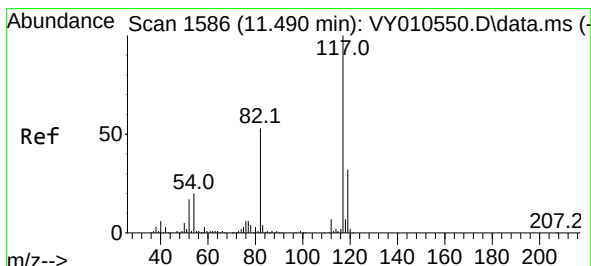
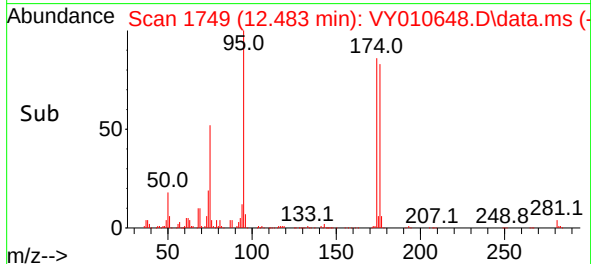
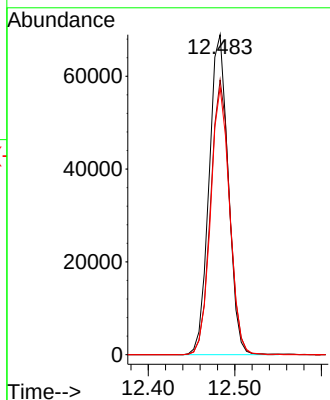
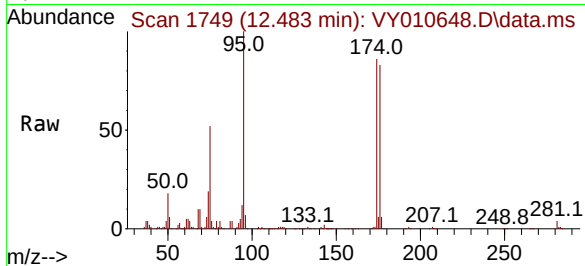




#62
4-Bromofluorobenzene
Concen: 31.316 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010648.D
Acq: 23 Sep 2022 14:59

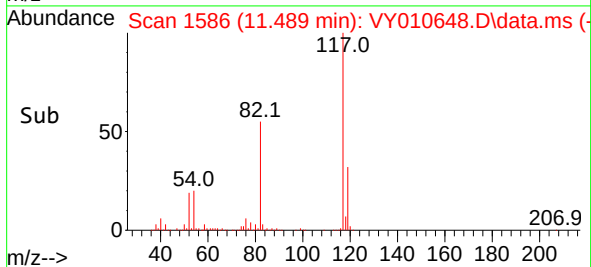
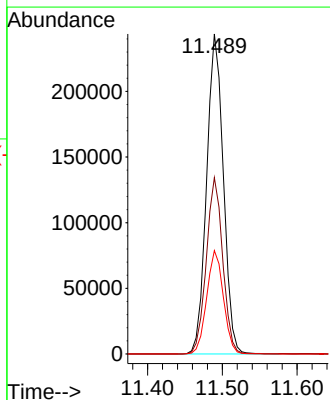
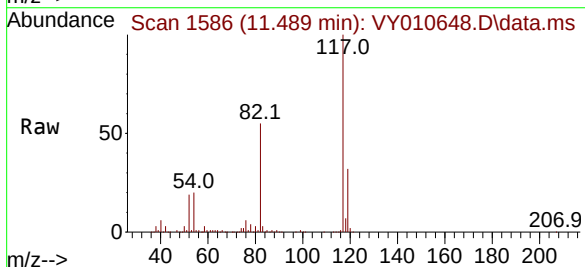
Instrument :
MSVOA_Y
ClientSampleId :
D22004-(17.5-18)

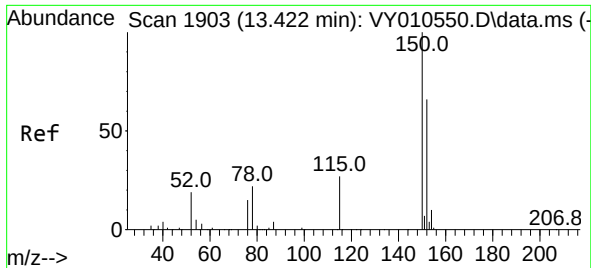
Tgt Ion: 95 Resp: 105754
Ion Ratio Lower Upper
95 100
174 85.8 0.0 177.0
176 83.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010648.D
Acq: 23 Sep 2022 14:59

Tgt Ion: 117 Resp: 378941
Ion Ratio Lower Upper
117 100
82 55.1 43.0 64.4
119 32.3 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: VY010648.D

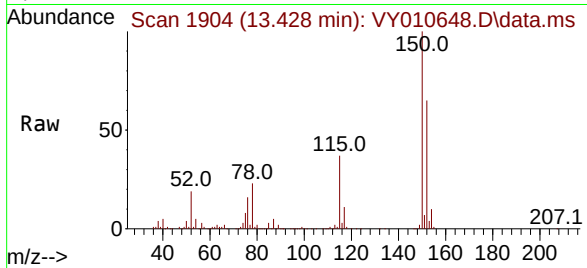
Acq: 23 Sep 2022 14:59

Instrument :

MSVOA_Y

ClientSampleId :

D22004-(17.5-18)



Tgt Ion:152 Resp: 165519

Ion Ratio Lower Upper

152 100

115 58.4 28.2 84.7

150 158.7 0.0 347.6

