

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011123\
 Data File : VY012162.D
 Acq On : 11 Jan 2023 14:48
 Operator : KP/MD
 Sample : 01106-04RE
 Misc : 5.94g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-B

Quant Time: Jan 12 05:50:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

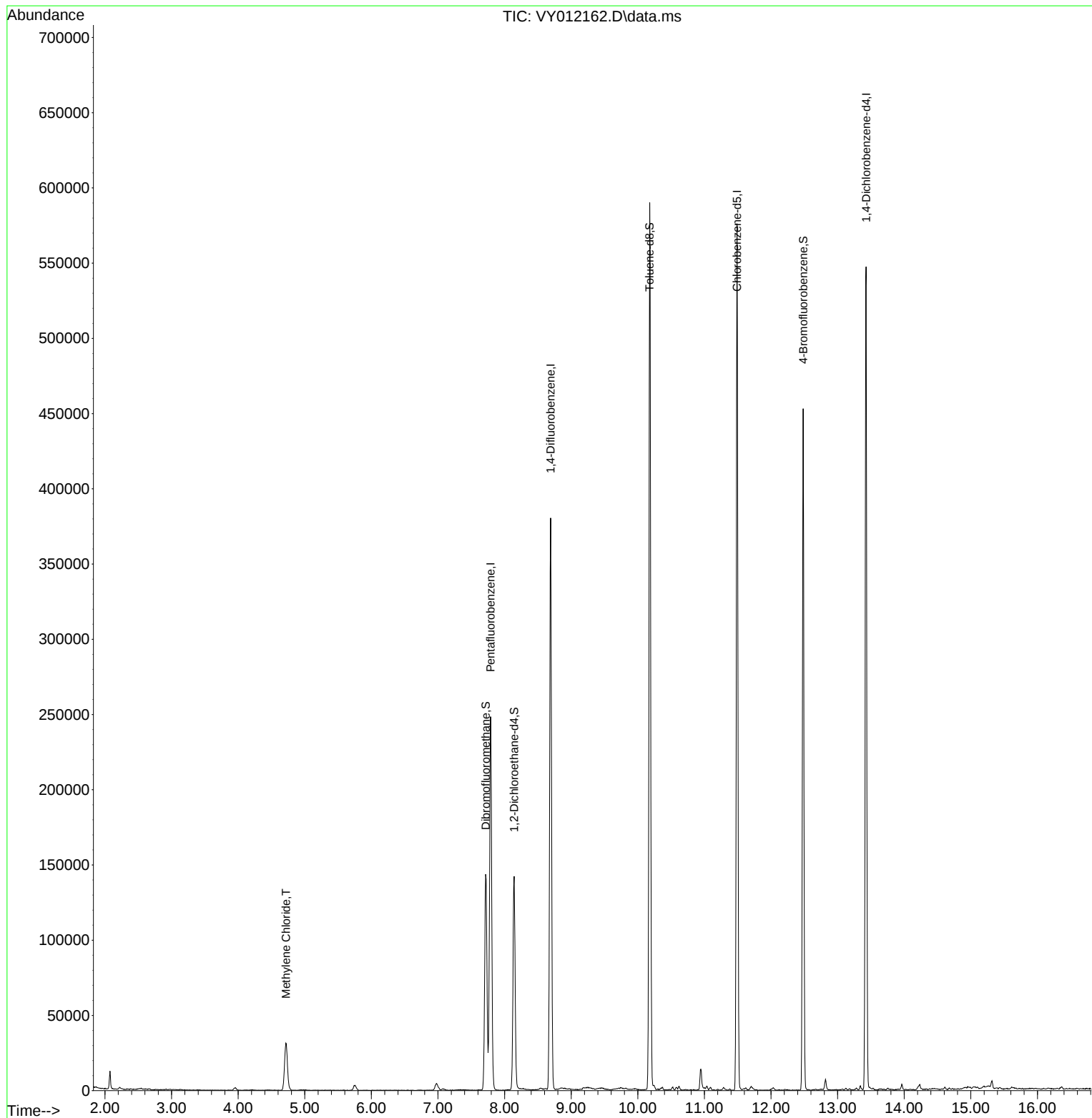
Internal Standards						
1) Pentafluorobenzene	7.789	168	195160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	330494	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	317962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	115235	52.548	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.100%
35) Dibromofluoromethane	7.715	113	101865	46.893	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.780%
50) Toluene-d8	10.178	98	393713	45.919	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.840%
62) 4-Bromofluorobenzene	12.483	95	134481	44.872	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.740%
Target Compounds						
20) Methylene Chloride	4.716	84	25712	6.661	ug/l	Qvalue 91

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

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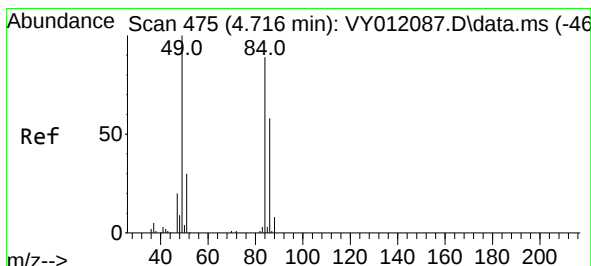
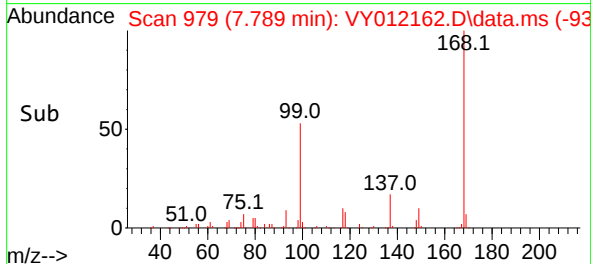
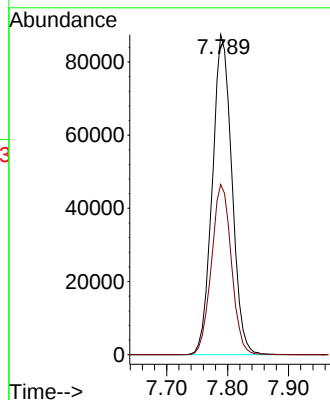
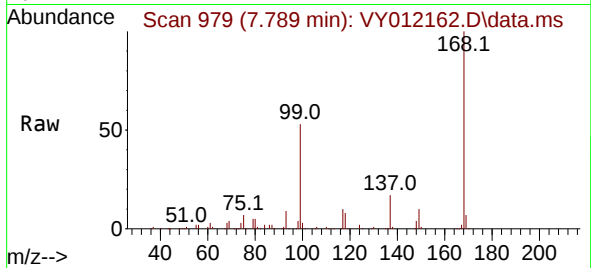




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012162.D
Acq: 11 Jan 2023 14:48

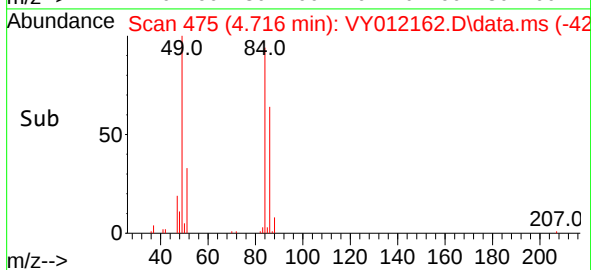
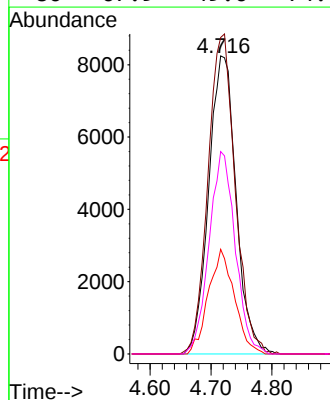
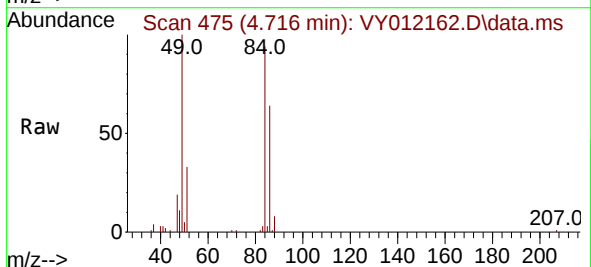
Instrument :
MSVOA_Y
ClientSampleId :
TP-B

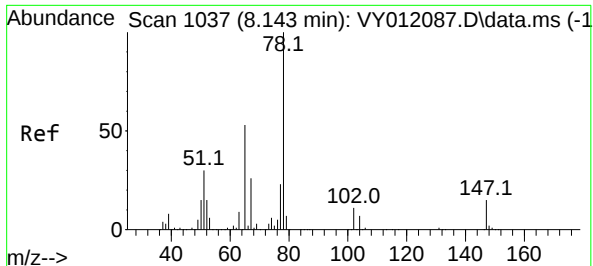
Tgt Ion:168 Resp: 195160
Ion Ratio Lower Upper
168 100
99 53.2 44.0 66.0



#20
Methylene Chloride
Concen: 6.661 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012162.D
Acq: 11 Jan 2023 14:48

Tgt Ion: 84 Resp: 25712
Ion Ratio Lower Upper
84 100
49 106.2 95.4 143.2
51 35.1 29.9 44.9
86 67.9 49.6 74.4





#33

1,2-Dichloroethane-d4

Concen: 52.548 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. -0.001 min

Lab File: VY012162.D

Acq: 11 Jan 2023 14:48

Instrument :

MSVOA_Y

ClientSampleId :

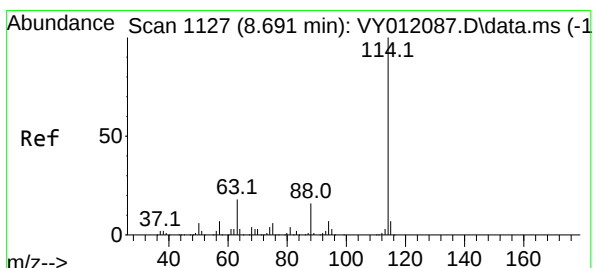
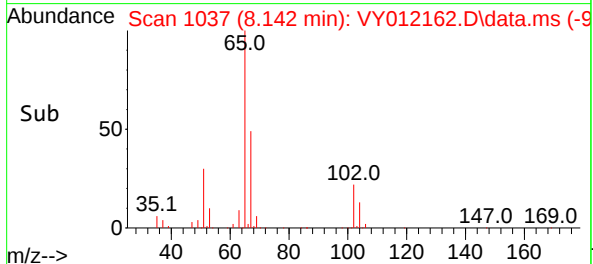
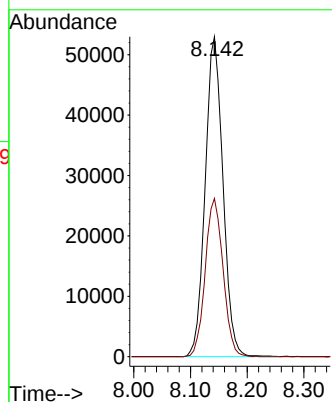
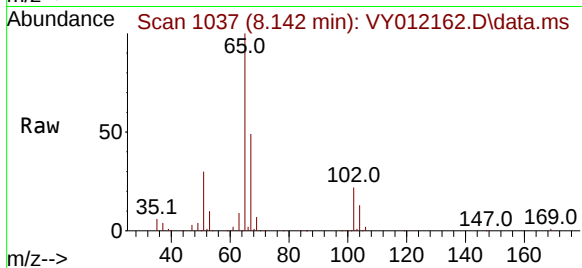
TP-B

Tgt Ion: 65 Resp: 115235

Ion Ratio Lower Upper

65 100

67 49.7 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012162.D

Acq: 11 Jan 2023 14:48

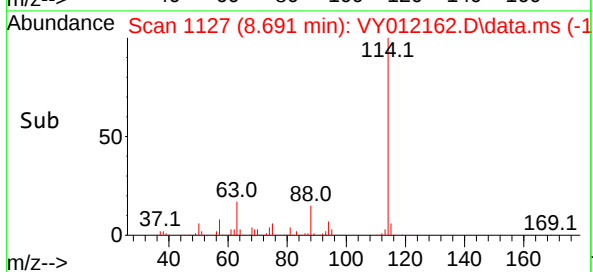
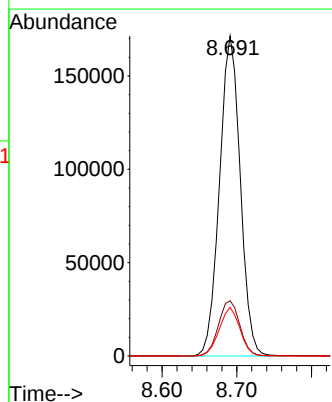
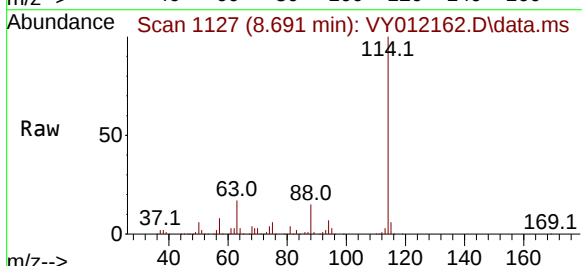
Tgt Ion: 114 Resp: 330494

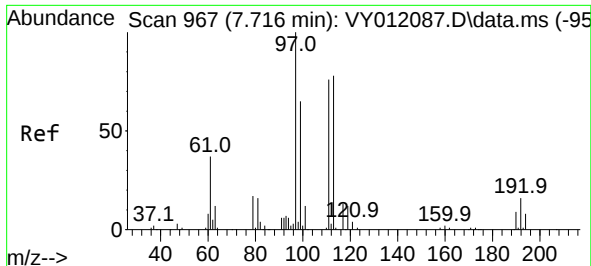
Ion Ratio Lower Upper

114 100

63 17.2 0.0 39.6

88 15.2 0.0 32.2

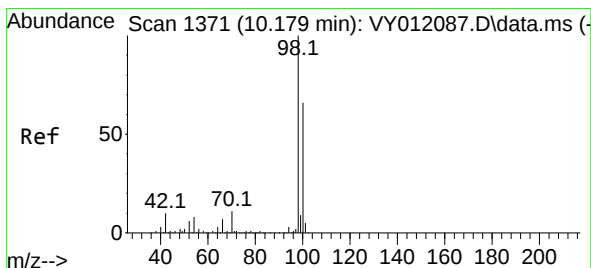
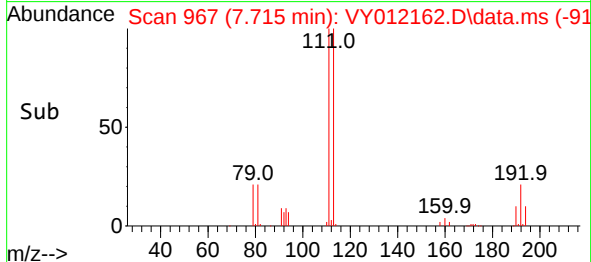
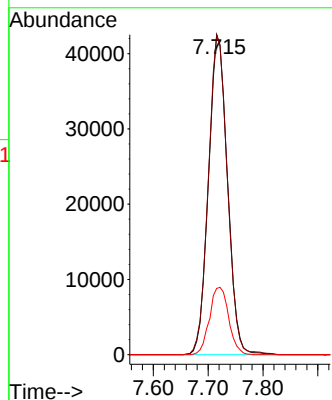
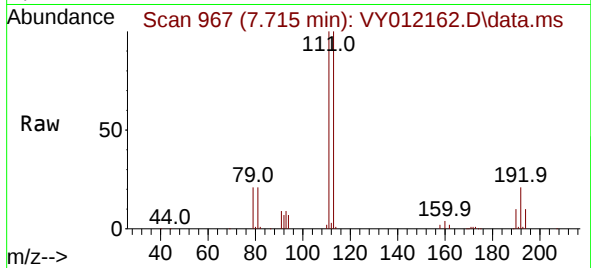




#35
 Dibromofluoromethane
 Concen: 46.893 ug/l
 RT: 7.715 min Scan# 91
 Delta R.T. -0.001 min
 Lab File: VY012162.D
 Acq: 11 Jan 2023 14:48

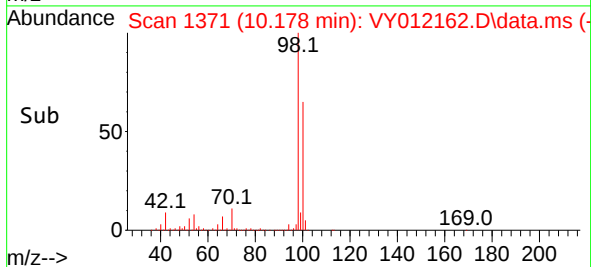
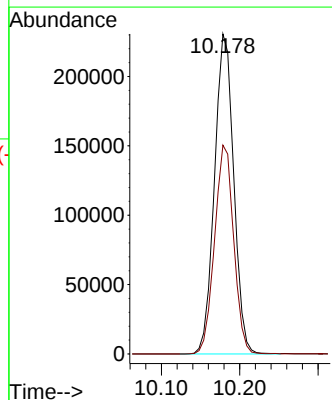
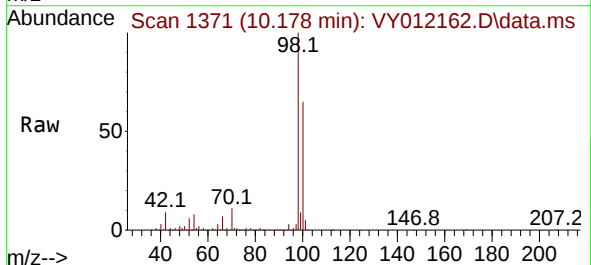
Instrument :
 MSVOA_Y
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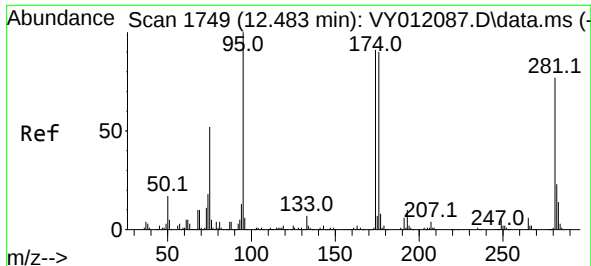
Tgt Ion:113 Resp: 101865
 Ion Ratio Lower Upper
 113 100
 111 100.4 83.0 124.4
 192 21.3 16.0 24.0



#50
 Toluene-d8
 Concen: 45.919 ug/l
 RT: 10.178 min Scan# 1371
 Delta R.T. -0.001 min
 Lab File: VY012162.D
 Acq: 11 Jan 2023 14:48

Tgt Ion: 98 Resp: 393713
 Ion Ratio Lower Upper
 98 100
 100 65.1 51.9 77.9

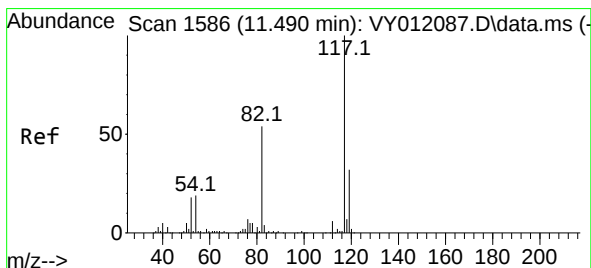
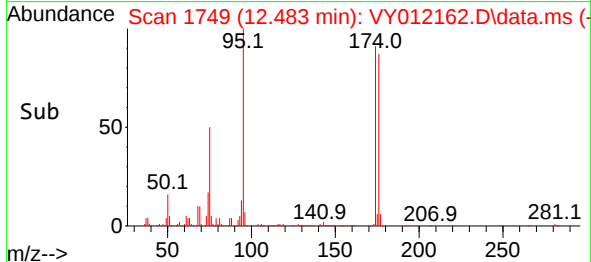
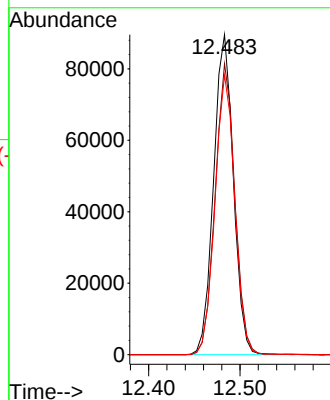
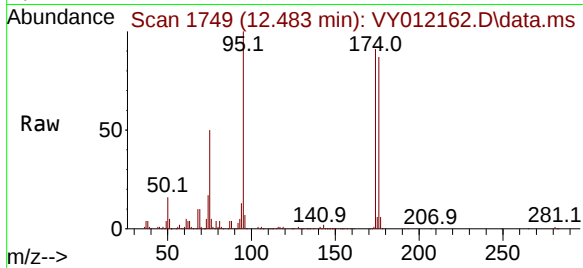




#62
4-Bromofluorobenzene
Concen: 44.872 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012162.D
Acq: 11 Jan 2023 14:48

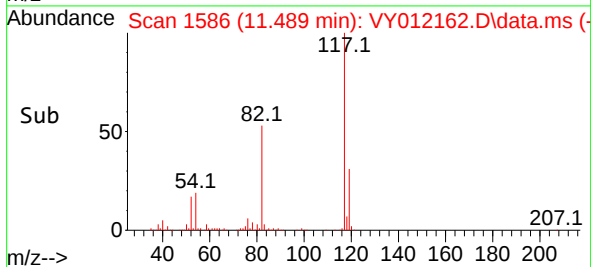
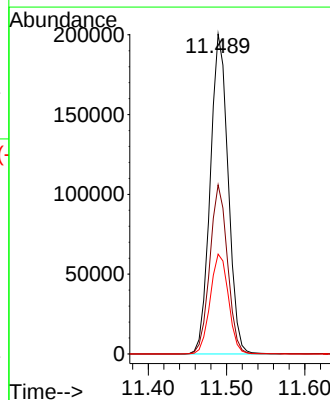
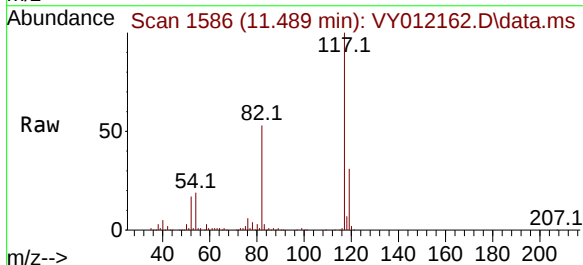
Instrument :
MSVOA_Y
ClientSampleId :
TP-B

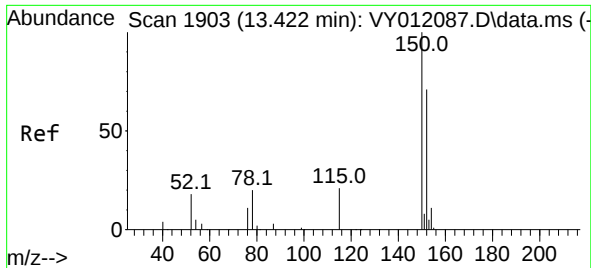
Tgt Ion: 95 Resp: 134481
Ion Ratio Lower Upper
95 100
174 90.9 0.0 172.0
176 87.7 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012162.D
Acq: 11 Jan 2023 14:48

Tgt Ion: 117 Resp: 317962
Ion Ratio Lower Upper
117 100
82 52.9 44.8 67.2
119 31.2 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012162.D

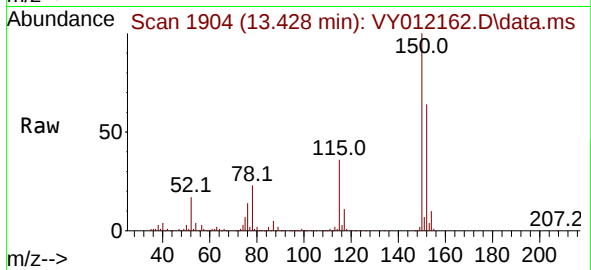
Acq: 11 Jan 2023 14:48

Instrument :

MSVOA_Y

ClientSampleId :

TP-B



Tgt Ion:152 Resp: 150372

Ion Ratio Lower Upper

152 100

115 57.5 29.1 87.3

150 157.4 0.0 342.6

