

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010923\
 Data File : VY012121.D
 Acq On : 09 Jan 2023 19:18
 Operator : KP/MD
 Sample : 01072-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 H-5-MIDDLE(4-8)

Quant Time: Jan 10 01:50:23 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)

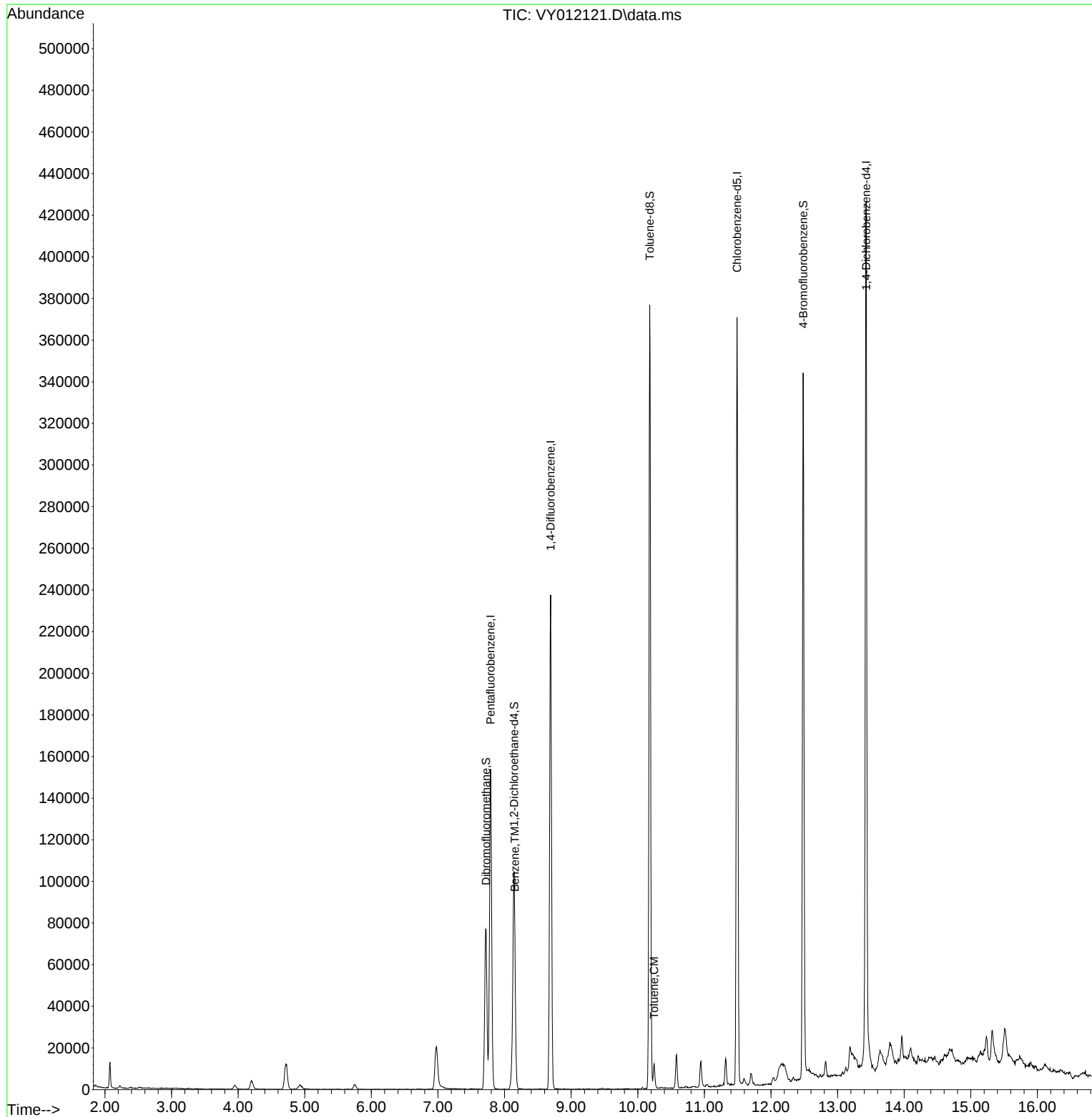
Internal Standards						
1) Pentafluorobenzene	7.789	168	118932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	206976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	210268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	80180	59.997	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.000%
35) Dibromofluoromethane	7.722	113	53338	39.207	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.420%
50) Toluene-d8	10.179	98	249780	46.517	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.040%
62) 4-Bromofluorobenzene	12.483	95	93870	50.013	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.020%
Target Compounds						Qvalue
40) Benzene	8.155	78	8028	1.335	ug/l	91
52) Toluene	10.246	92	4602	1.156	ug/l	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010923\
Data File : VY012121.D
Acq On : 09 Jan 2023 19:18
Operator : KP/MD
Sample : 01072-01
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
H-5-MIDDLE(4-8)

Quant Time: Jan 10 01:50:23 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

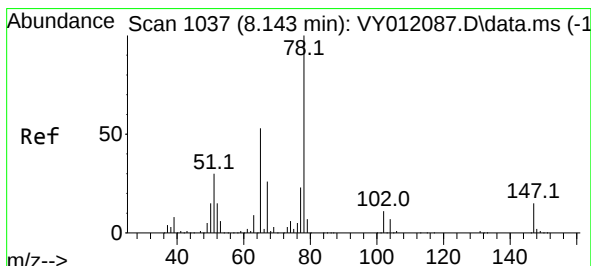
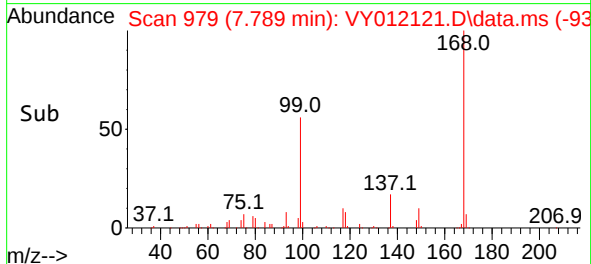
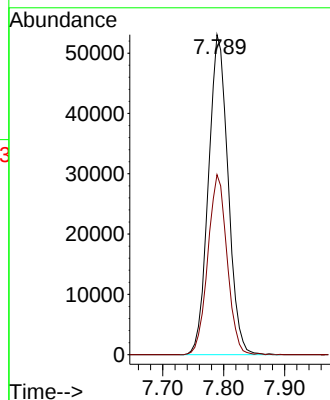
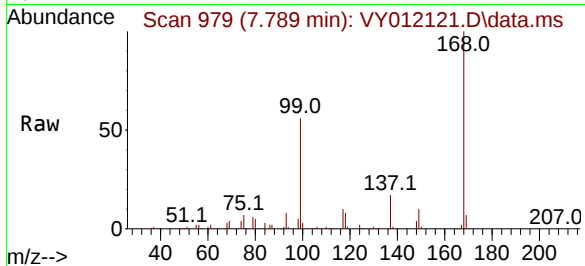




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012121.D
Acq: 09 Jan 2023 19:18

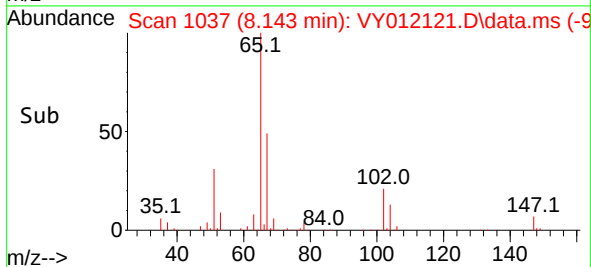
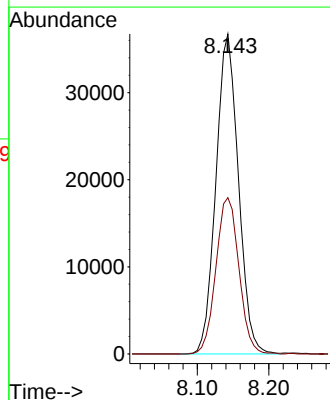
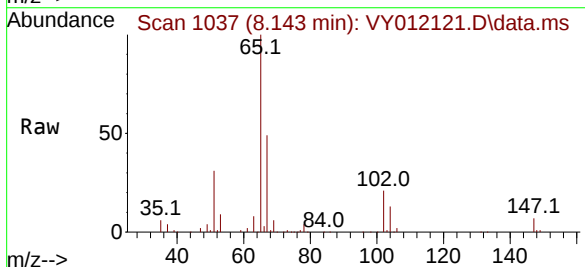
Instrument :
MSVOA_Y
ClientSampleId :
H-5-MIDDLE(4-8)

Tgt Ion:168 Resp: 118932
Ion Ratio Lower Upper
168 100
99 56.2 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 59.997 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012121.D
Acq: 09 Jan 2023 19:18

Tgt Ion: 65 Resp: 80180
Ion Ratio Lower Upper
65 100
67 50.0 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: VY012121.D

Acq: 09 Jan 2023 19:18

Instrument :

MSVOA_Y

ClientSampleId :

H-5-MIDDLE(4-8)

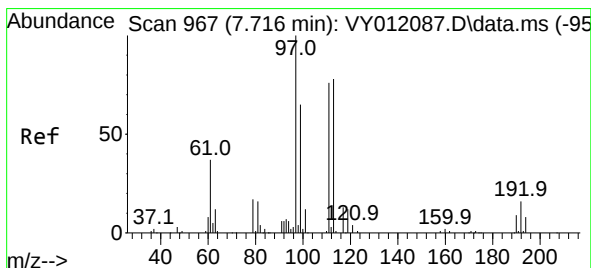
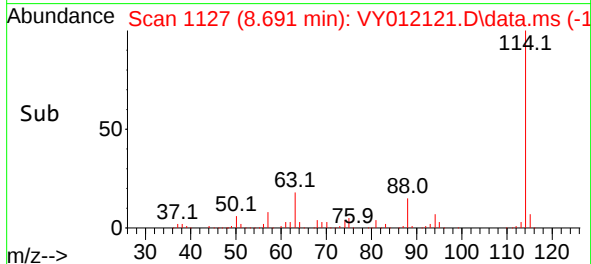
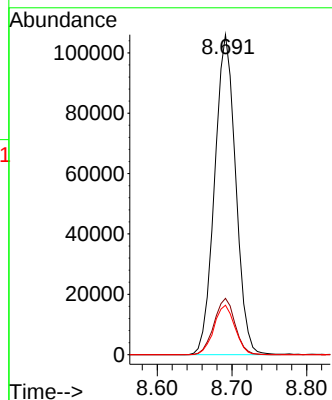
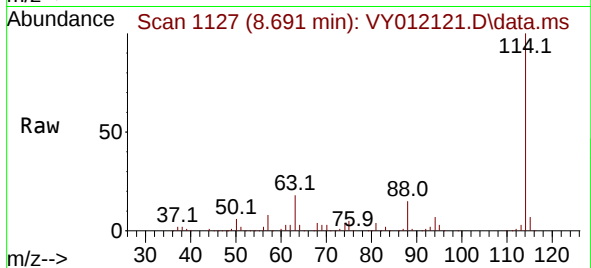
Tgt Ion:114 Resp: 206976

Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.6

88 15.5 0.0 32.2



#35

Dibromofluoromethane

Concen: 39.207 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012121.D

Acq: 09 Jan 2023 19:18

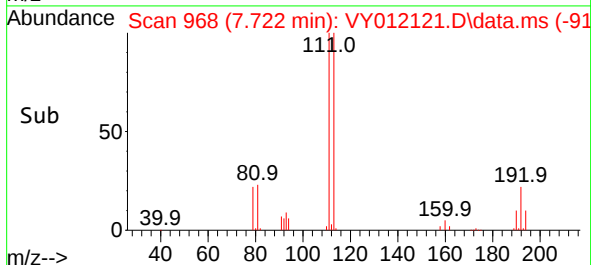
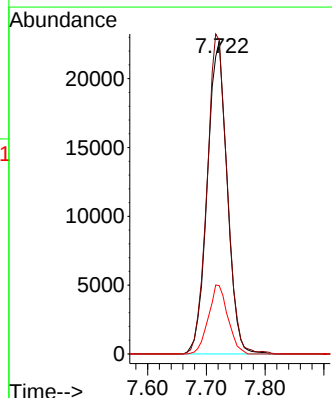
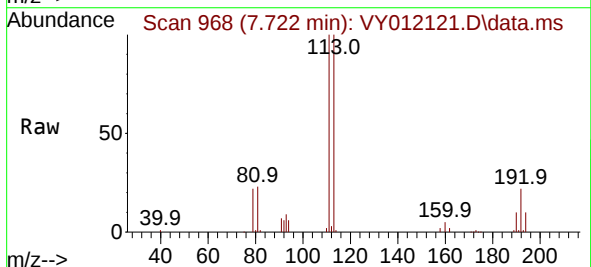
Tgt Ion:113 Resp: 53338

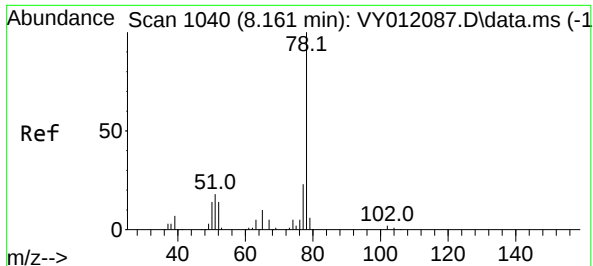
Ion Ratio Lower Upper

113 100

111 103.2 83.0 124.4

192 21.6 16.0 24.0

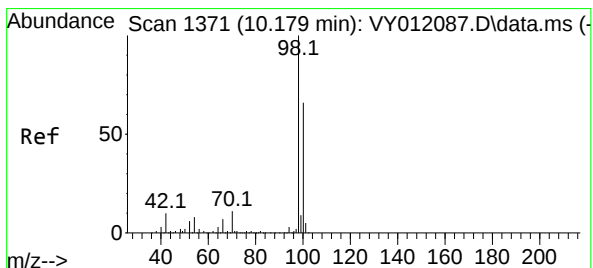
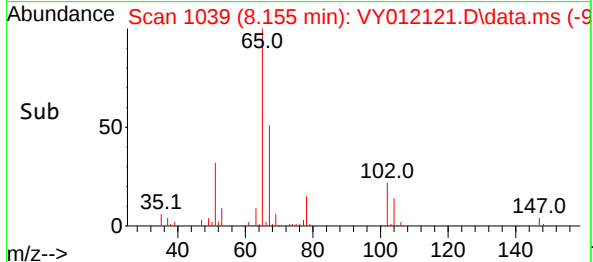
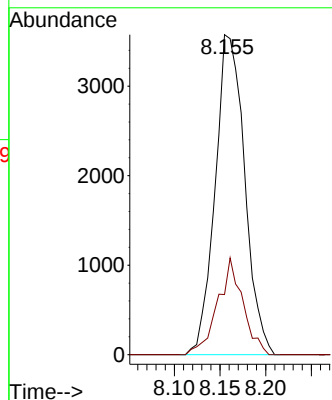
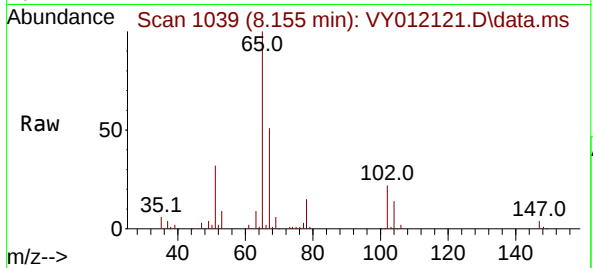




#40
Benzene
Concen: 1.335 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY012121.D
Acq: 09 Jan 2023 19:18

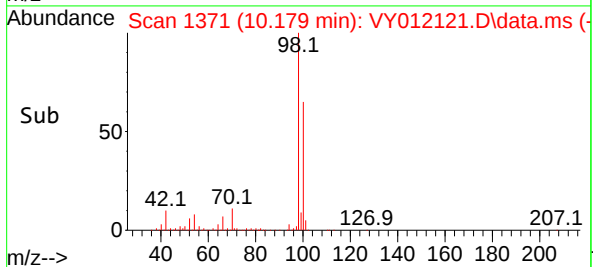
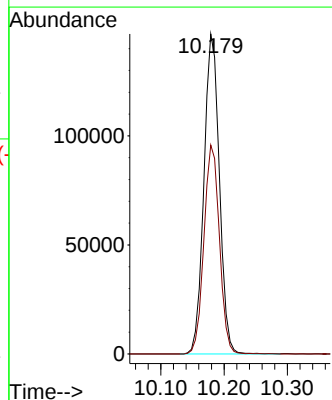
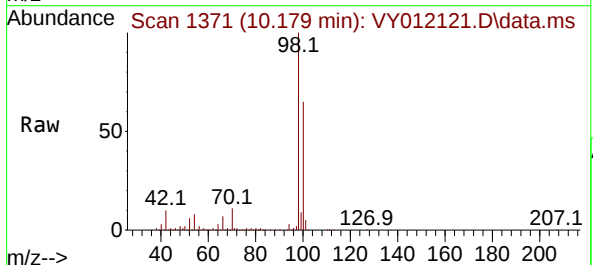
Instrument :
MSVOA_Y
ClientSampleId :
H-5-MIDDLE(4-8)

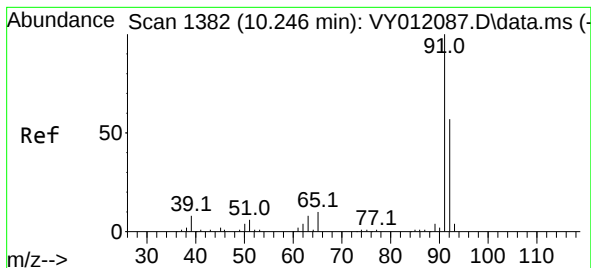
Tgt Ion: 78 Resp: 8028
Ion Ratio Lower Upper
78 100
77 18.8 18.6 27.8



#50
Toluene-d8
Concen: 46.517 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012121.D
Acq: 09 Jan 2023 19:18

Tgt Ion: 98 Resp: 249780
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9





#52

Toluene

Concen: 1.156 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. -0.000 min

Lab File: VY012121.D

Acq: 09 Jan 2023 19:18

Instrument :

MSVOA_Y

ClientSampleId :

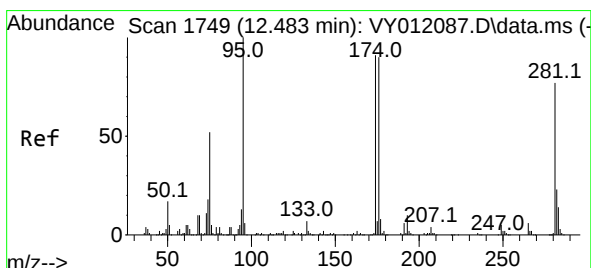
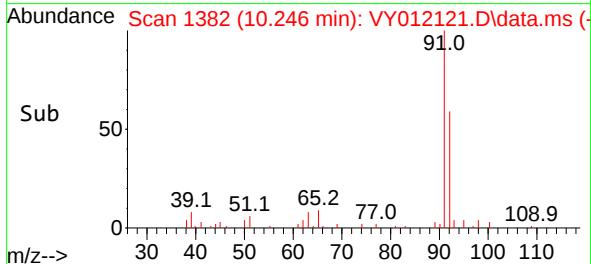
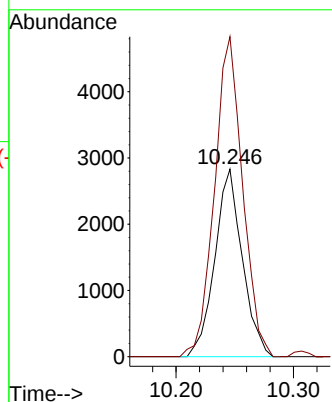
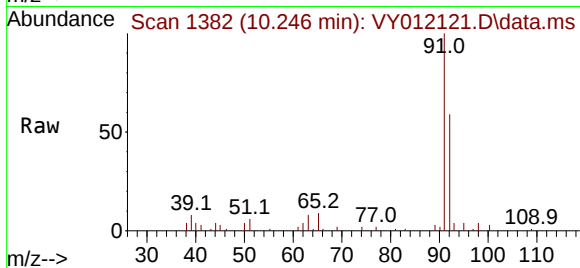
H-5-MIDDLE(4-8)

Tgt Ion: 92 Resp: 4602

Ion Ratio Lower Upper

92 100

91 174.5 137.4 206.0



#62

4-Bromofluorobenzene

Concen: 50.013 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012121.D

Acq: 09 Jan 2023 19:18

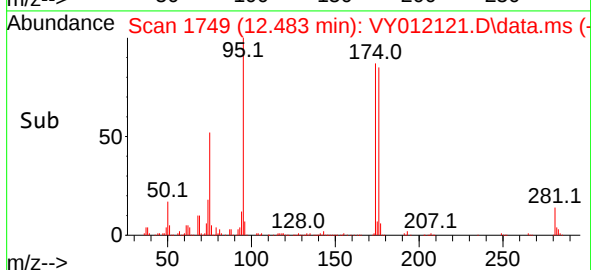
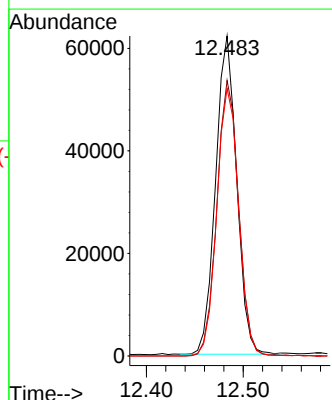
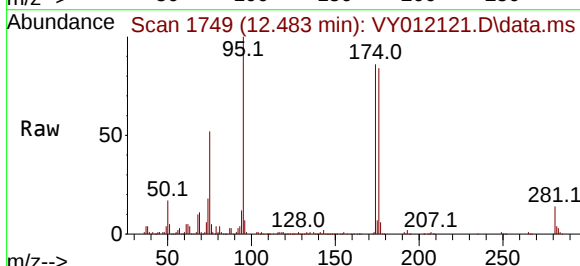
Tgt Ion: 95 Resp: 93870

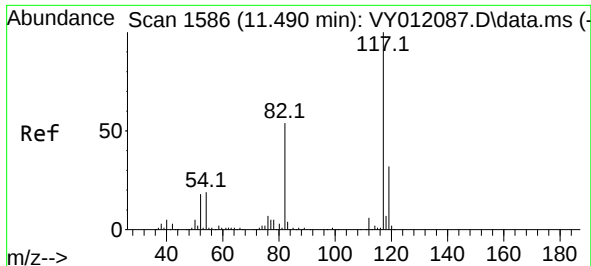
Ion Ratio Lower Upper

95 100

174 89.2 0.0 172.0

176 86.9 0.0 167.6

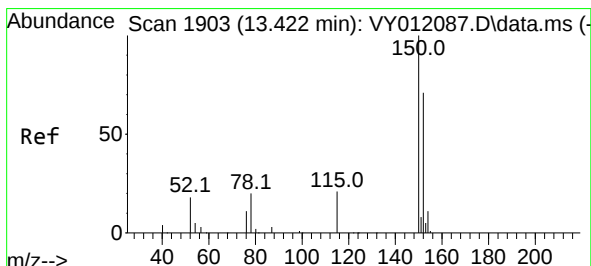
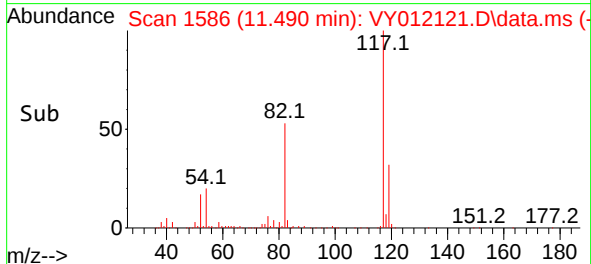
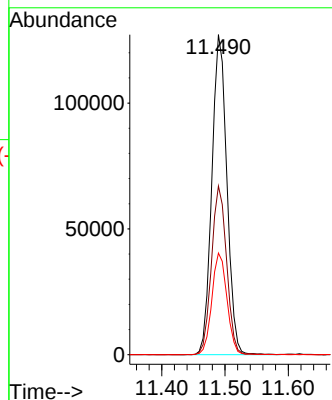
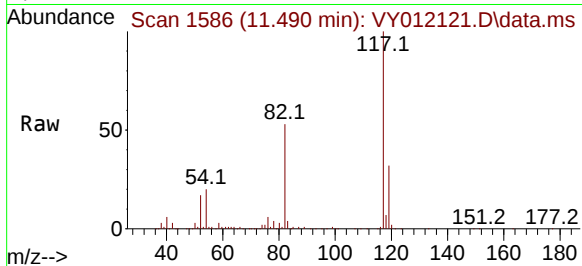




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012121.D
Acq: 09 Jan 2023 19:18

Instrument :
MSVOA_Y
ClientSampleId :
H-5-MIDDLE(4-8)

Tgt Ion:117 Resp: 210268
Ion Ratio Lower Upper
117 100
82 52.7 44.8 67.2
119 31.7 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: VY012121.D
Acq: 09 Jan 2023 19:18

Tgt Ion:152 Resp: 106890
Ion Ratio Lower Upper
152 100
115 58.1 29.1 87.3
150 156.7 0.0 342.6

