

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091823\
 Data File : VY015618.D
 Acq On : 18 Sep 2023 16:35
 Operator : SY/MD
 Sample : 04419-18
 Misc : 6.69g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-08(37-40)

Quant Time: Sep 19 02:04:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

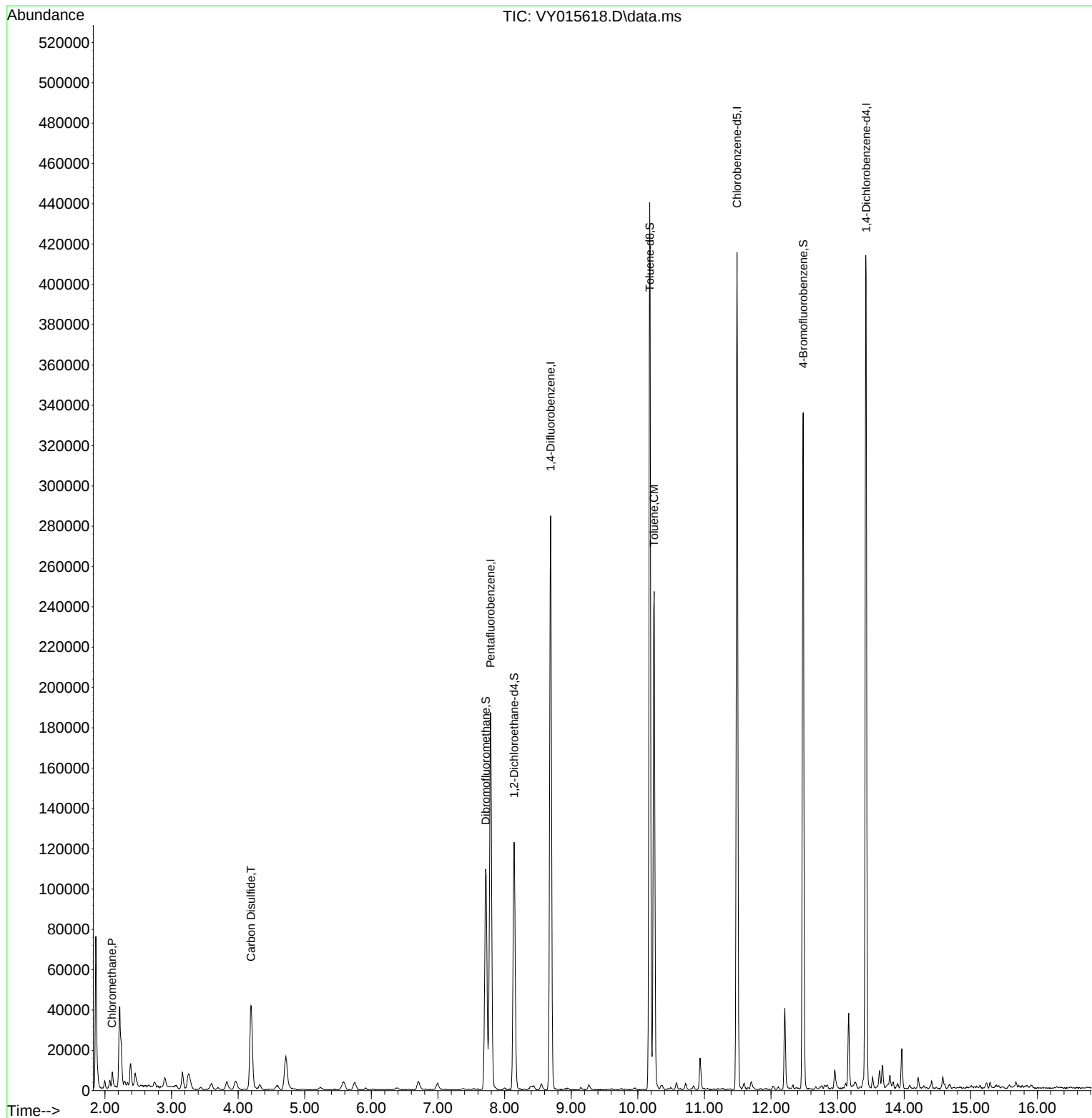
Internal Standards						
1) Pentafluorobenzene	7.789	168	144340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	243880	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	222317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	94354	60.980	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.960%	
35) Dibromofluoromethane	7.716	113	77372	55.081	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.160%	
50) Toluene-d8	10.179	98	283133	55.659	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.320%	
62) 4-Bromofluorobenzene	12.483	95	100427	53.179	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.360%	
Target Compounds						
						Qvalue
3) Chloromethane	2.107	50	6560	3.937	ug/l	99
17) Carbon Disulfide	4.192	76	86626	20.195	ug/l	98
52) Toluene	10.246	92	103143	23.385	ug/l	96

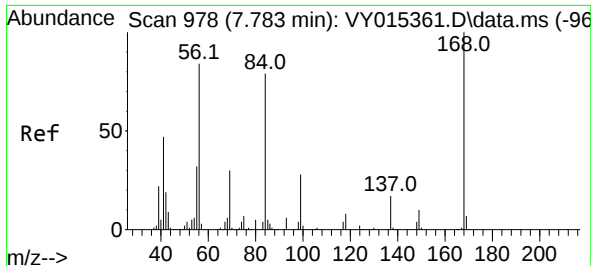
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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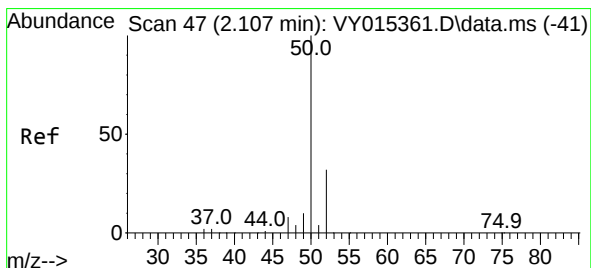
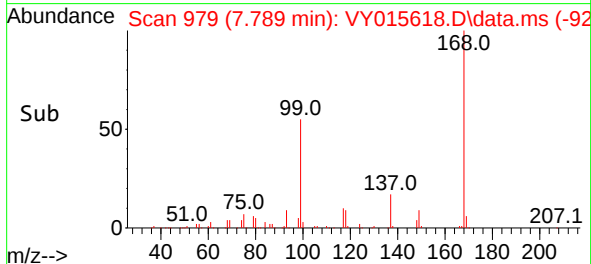
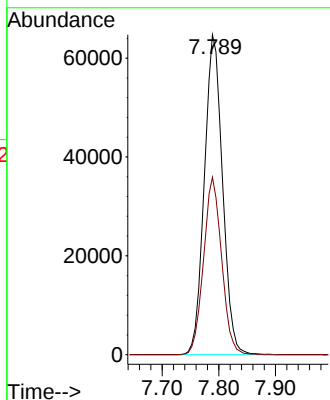
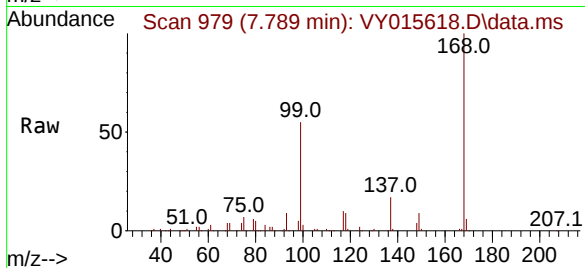




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015618.D
Acq: 18 Sep 2023 16:35

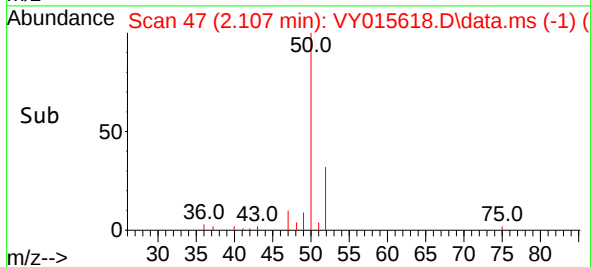
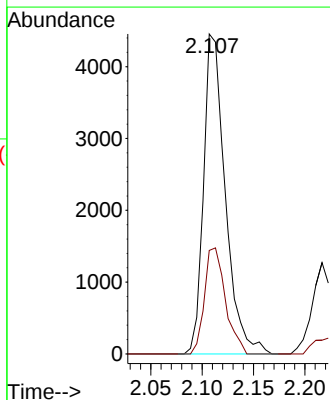
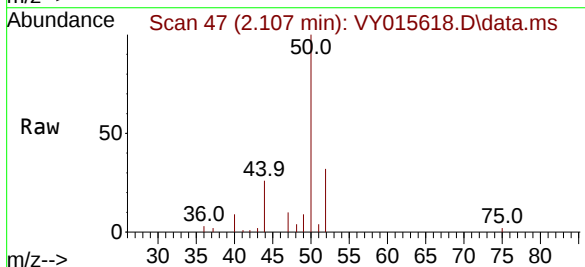
Instrument :
MSVOA_Y
ClientSampleId :
DB-08(37-40)

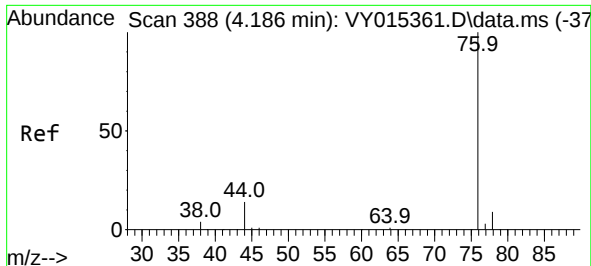
Tgt Ion:168 Resp: 144340
Ion Ratio Lower Upper
168 100
99 55.5 43.4 65.0



#3
Chloromethane
Concen: 3.937 ug/l
RT: 2.107 min Scan# 47
Delta R.T. -0.000 min
Lab File: VY015618.D
Acq: 18 Sep 2023 16:35

Tgt Ion: 50 Resp: 6560
Ion Ratio Lower Upper
50 100
52 32.3 25.4 38.2

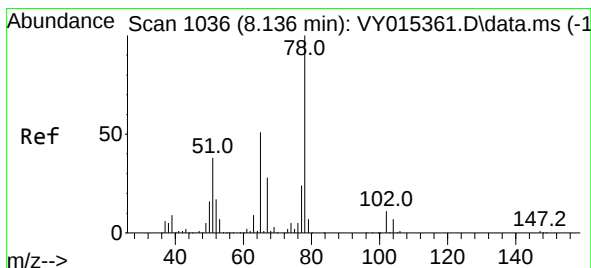
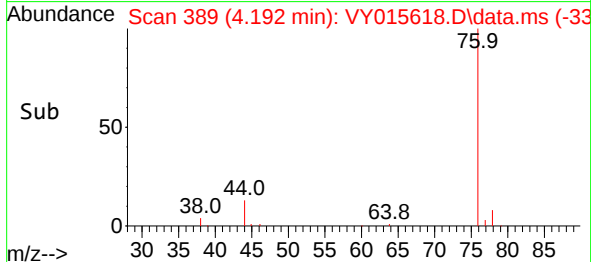
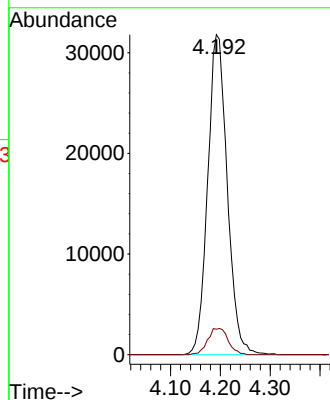
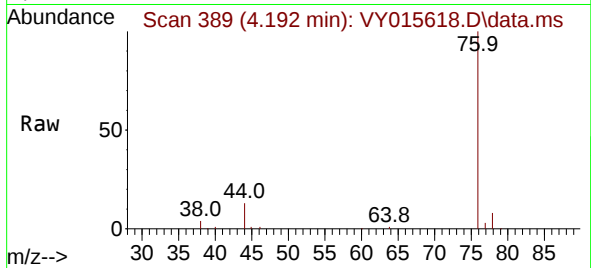




#17
Carbon Disulfide
Concen: 20.195 ug/l
RT: 4.192 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY015618.D
Acq: 18 Sep 2023 16:35

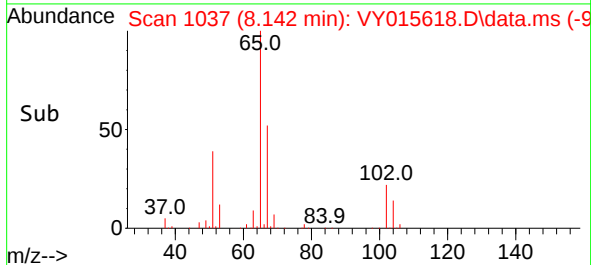
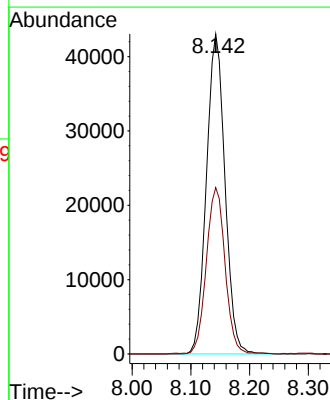
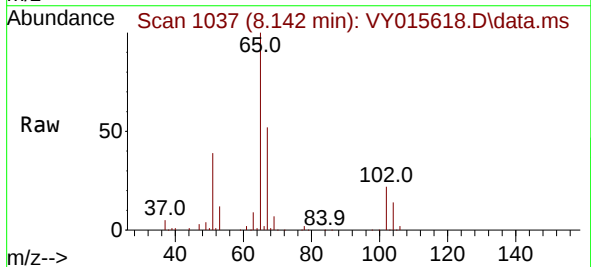
Instrument :
MSVOA_Y
ClientSampleId :
DB-08(37-40)

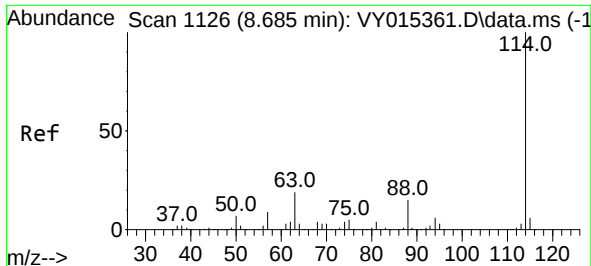
Tgt Ion: 76 Resp: 86626
Ion Ratio Lower Upper
76 100
78 7.9 7.0 10.4



#33
1,2-Dichloroethane-d4
Concen: 60.980 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015618.D
Acq: 18 Sep 2023 16:35

Tgt Ion: 65 Resp: 94354
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015618.D

Acq: 18 Sep 2023 16:35

Instrument :

MSVOA_Y

ClientSampleId :

DB-08(37-40)

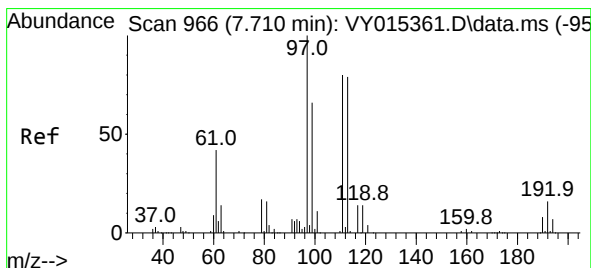
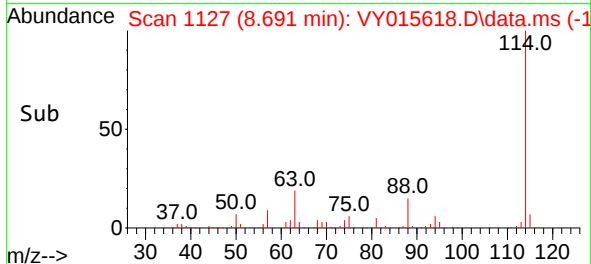
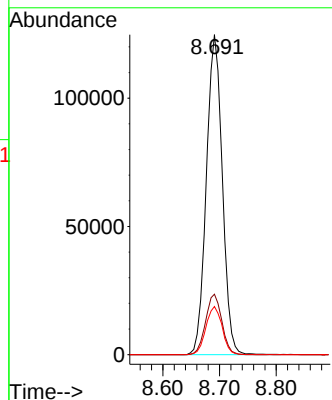
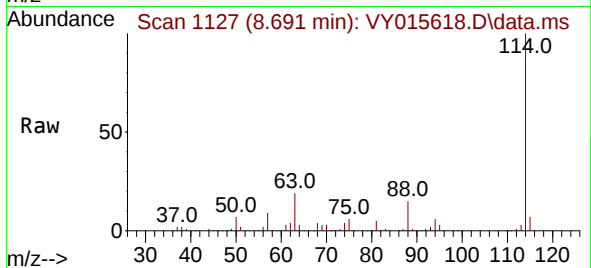
Tgt Ion:114 Resp: 243880

Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.081 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015618.D

Acq: 18 Sep 2023 16:35

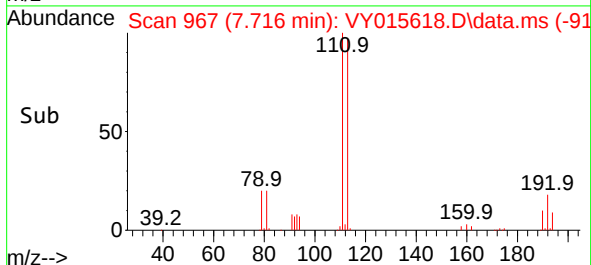
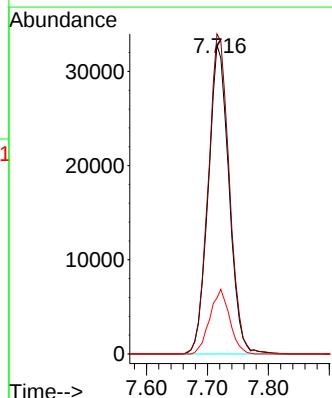
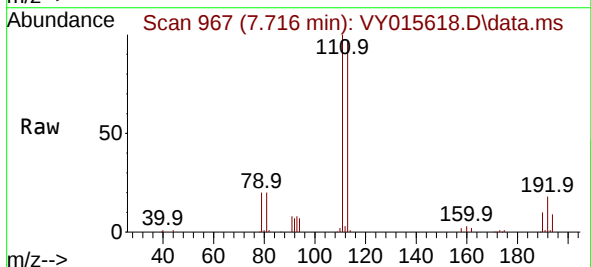
Tgt Ion:113 Resp: 77372

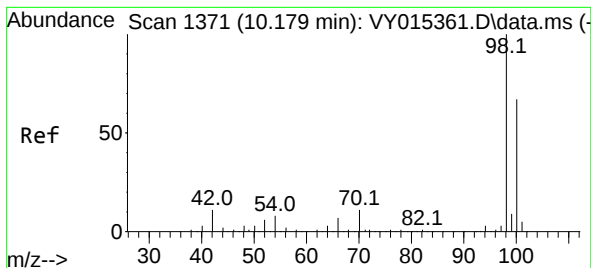
Ion Ratio Lower Upper

113 100

111 105.3 81.3 121.9

192 20.1 16.9 25.3





#50

Toluene-d8

Concen: 55.659 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015618.D

Acq: 18 Sep 2023 16:35

Instrument :

MSVOA_Y

ClientSampleId :

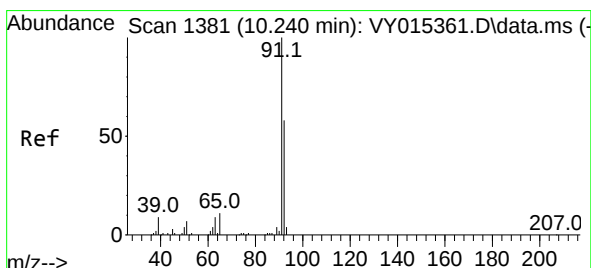
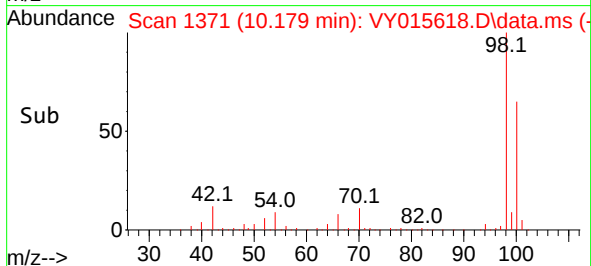
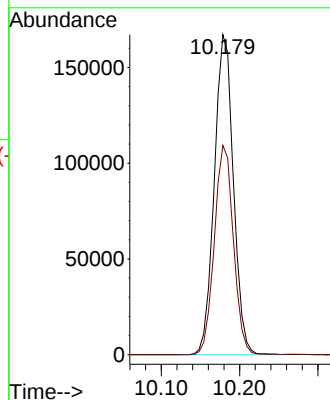
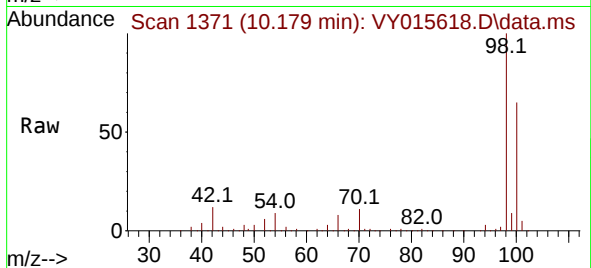
DB-08(37-40)

Tgt Ion: 98 Resp: 283133

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1



#52

Toluene

Concen: 23.385 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.006 min

Lab File: VY015618.D

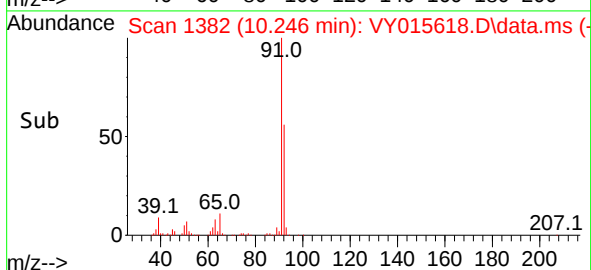
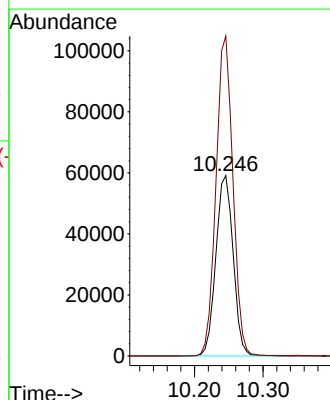
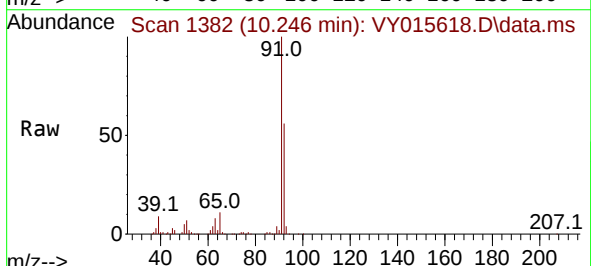
Acq: 18 Sep 2023 16:35

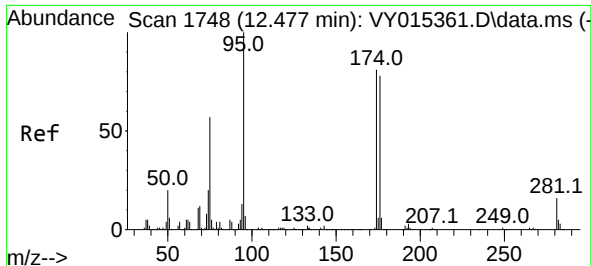
Tgt Ion: 92 Resp: 103143

Ion Ratio Lower Upper

92 100

91 173.8 143.8 215.6

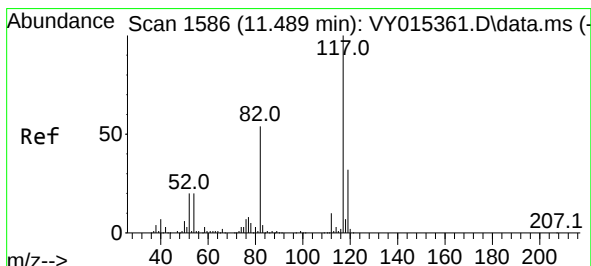
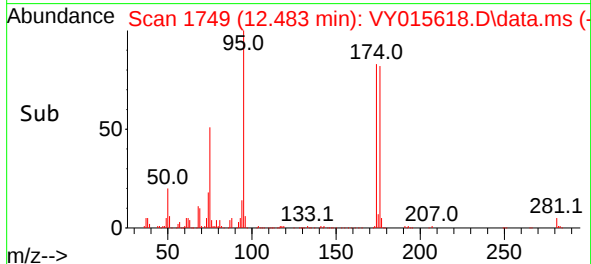
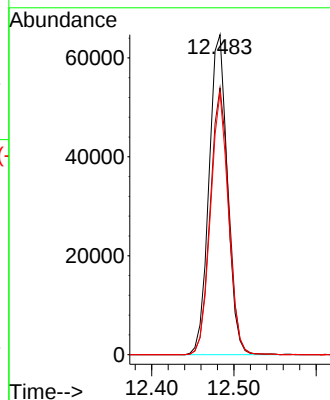
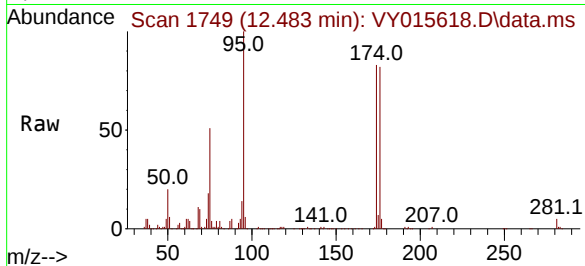




#62
4-Bromofluorobenzene
Concen: 53.179 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015618.D
Acq: 18 Sep 2023 16:35

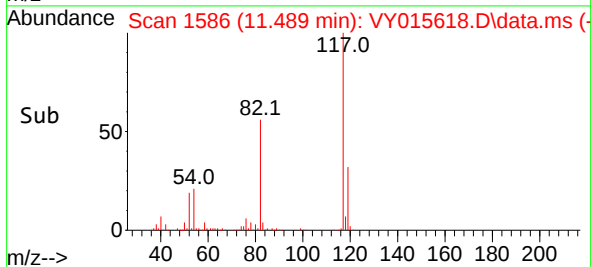
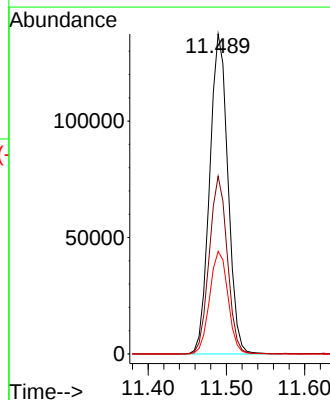
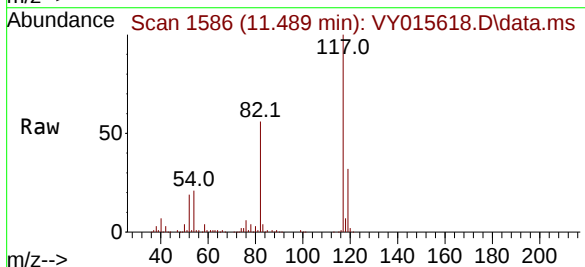
Instrument :
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DB-08(37-40)

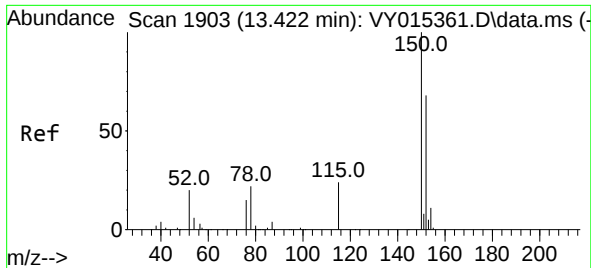
Tgt Ion: 95 Resp: 100427
Ion Ratio Lower Upper
95 100
174 84.6 0.0 178.2
176 80.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015618.D
Acq: 18 Sep 2023 16:35

Tgt Ion: 117 Resp: 222317
Ion Ratio Lower Upper
117 100
82 55.6 43.4 65.0
119 32.1 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015618.D

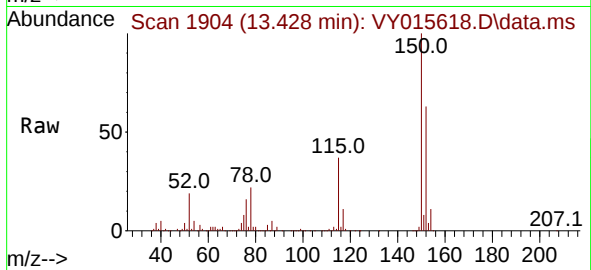
Acq: 18 Sep 2023 16:35

Instrument :

MSVOA_Y

ClientSampleId :

DB-08(37-40)



Tgt Ion:152 Resp: 106182

Ion Ratio Lower Upper

152 100

115 59.4 28.8 86.5

150 158.9 0.0 348.8

