

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015590.D
 Acq On : 16 Sep 2023 00:26
 Operator : SY/MD
 Sample : 04419-02
 Misc : 5.79g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-04(25-27)

Quant Time: Sep 16 01:23:50 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)

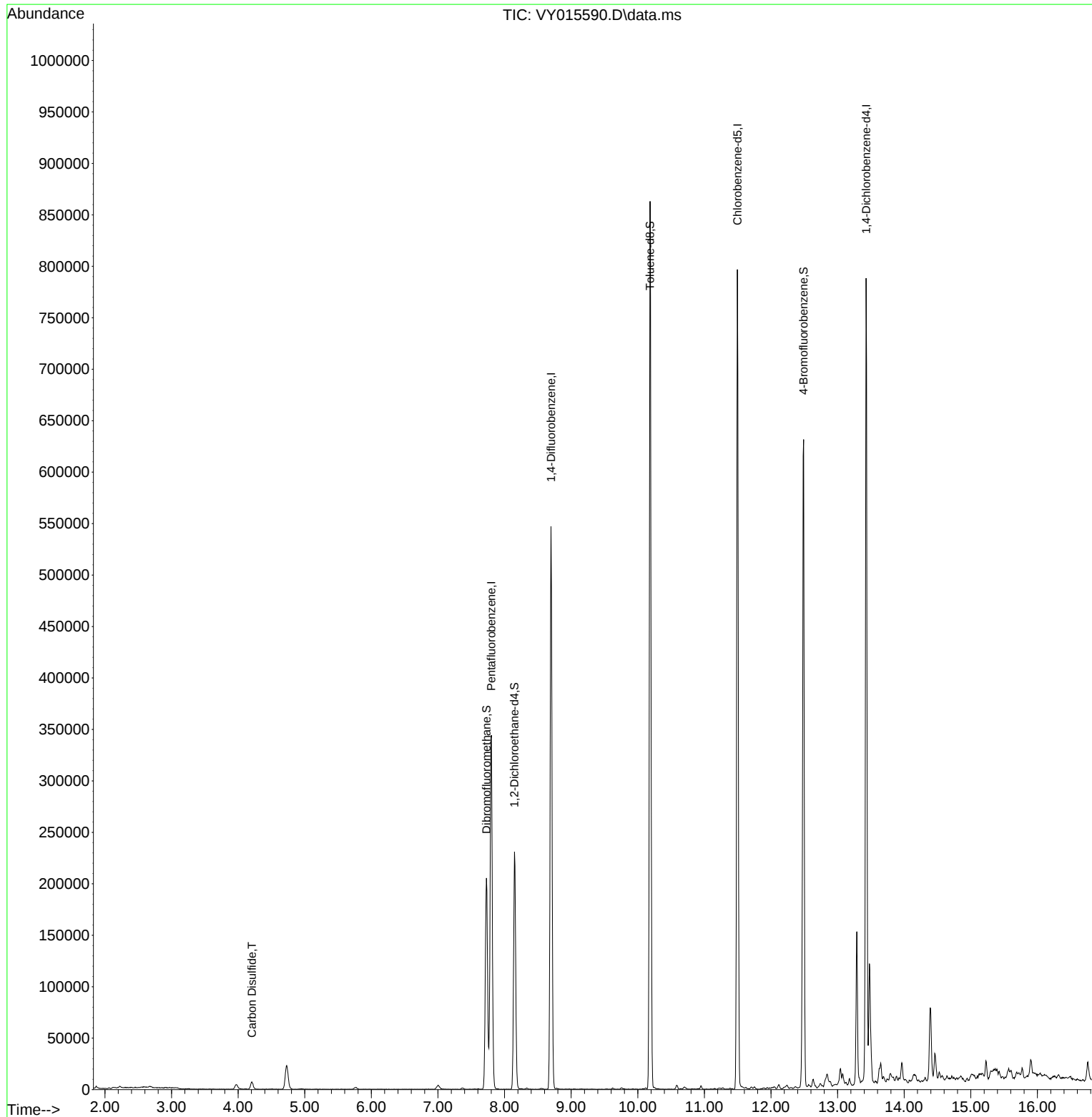
Internal Standards						
1) Pentafluorobenzene	7.801	168	270831	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.697	114	464132	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	426239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	197827	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	176459	60.779	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.560%	
35) Dibromofluoromethane	7.728	113	146259	54.711	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.420%	
50) Toluene-d8	10.185	98	544213	56.214	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.420%	
62) 4-Bromofluorobenzene	12.489	95	189293	52.670	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.340%	
Target Compounds						
17) Carbon Disulfide	4.204	76	14453	1.796	ug/l	Qvalue # 94

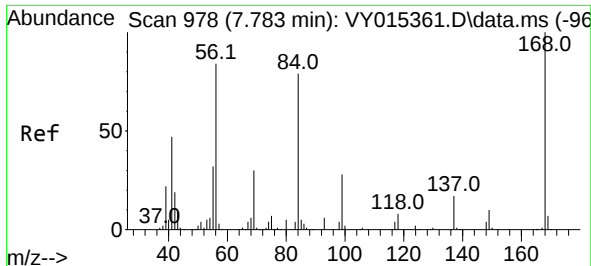
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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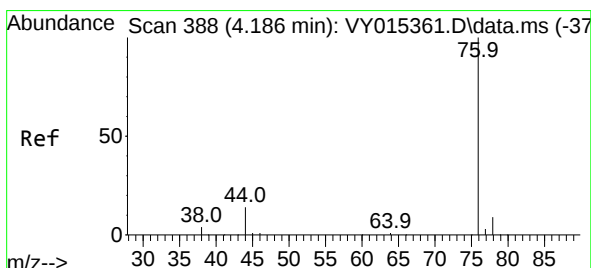
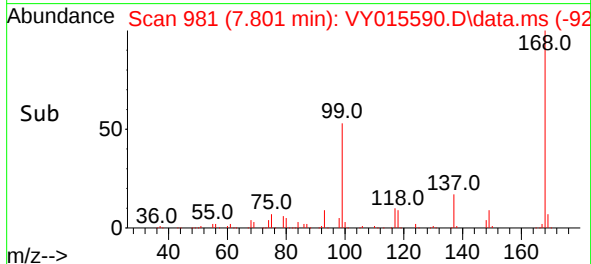
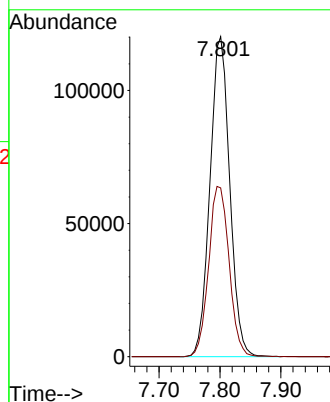
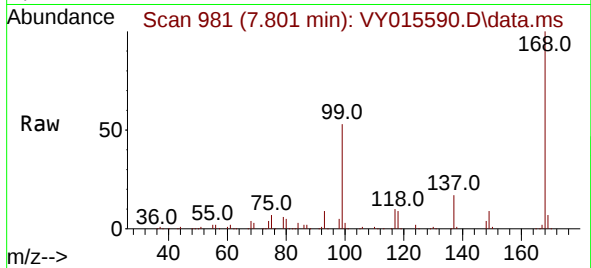




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015590.D
Acq: 16 Sep 2023 00:26

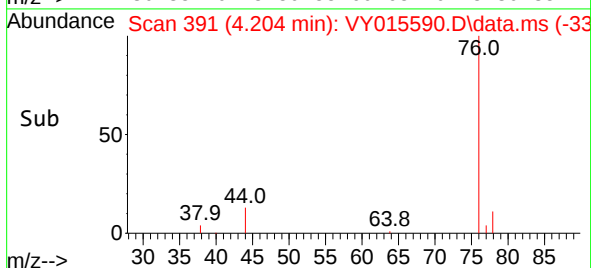
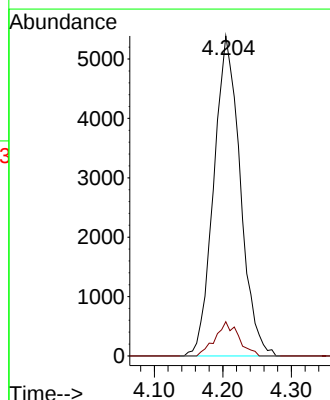
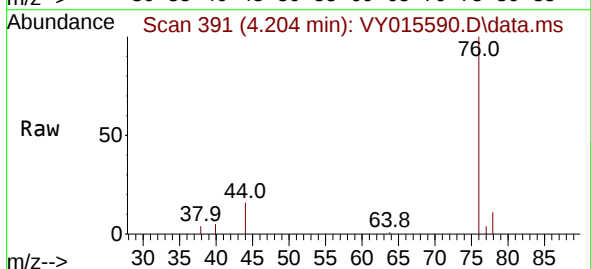
Instrument :
MSVOA_Y
ClientSampleId :
DB-04(25-27)

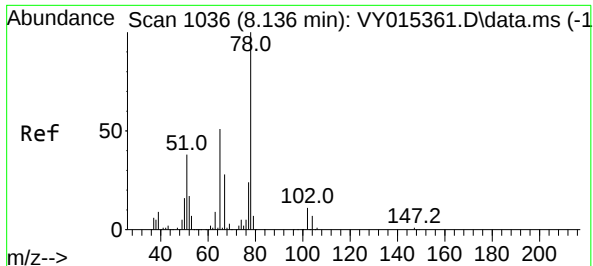
Tgt Ion:168 Resp: 270831
Ion Ratio Lower Upper
168 100
99 52.8 43.4 65.0



#17
Carbon Disulfide
Concen: 1.796 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.018 min
Lab File: VY015590.D
Acq: 16 Sep 2023 00:26

Tgt Ion: 76 Resp: 14453
Ion Ratio Lower Upper
76 100
78 10.7 7.0 10.4#





#33

1,2-Dichloroethane-d4

Concen: 60.779 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY015590.D

Acq: 16 Sep 2023 00:26

Instrument :

MSVOA_Y

ClientSampleId :

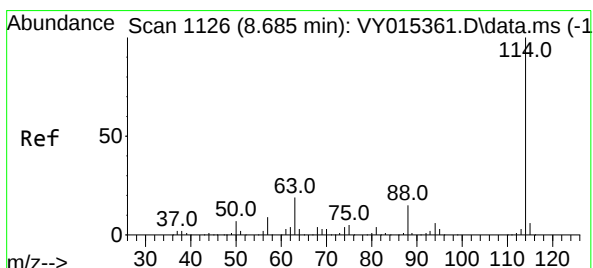
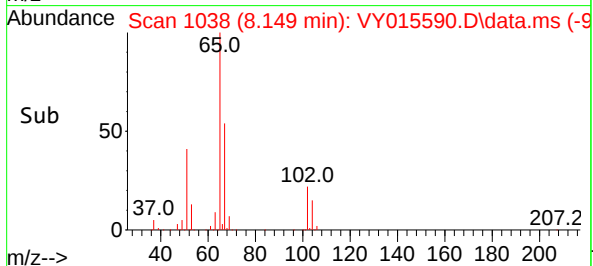
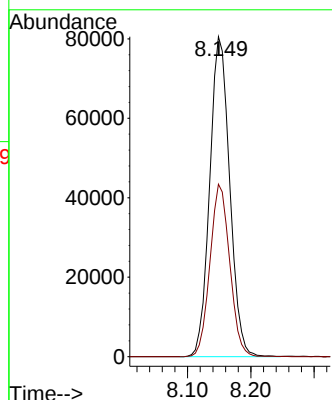
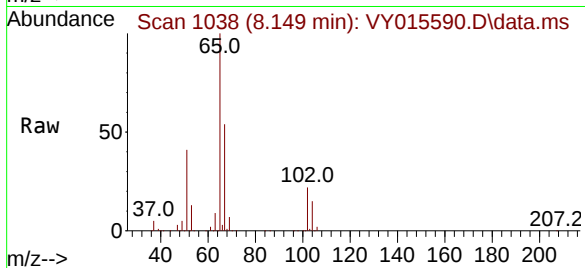
DB-04(25-27)

Tgt Ion: 65 Resp: 176459

Ion Ratio Lower Upper

65 100

67 53.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY015590.D

Acq: 16 Sep 2023 00:26

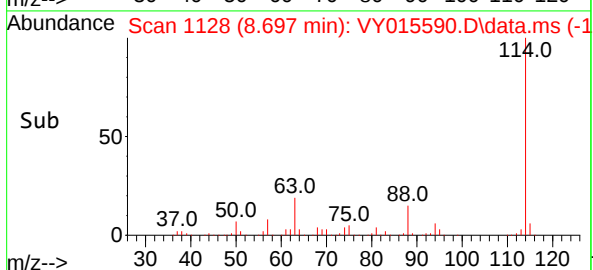
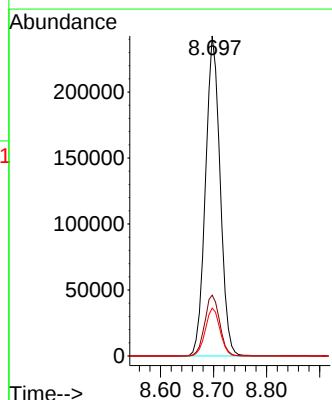
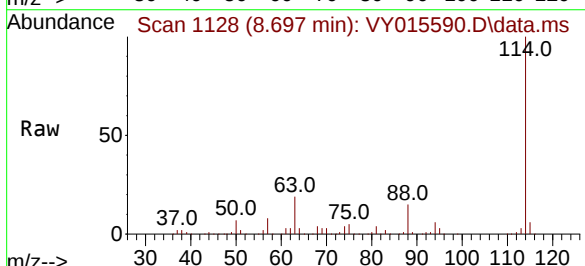
Tgt Ion: 114 Resp: 464132

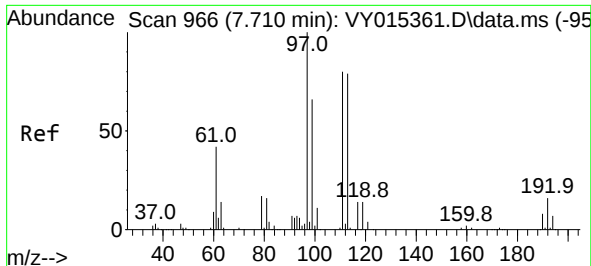
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 14.9 0.0 30.6

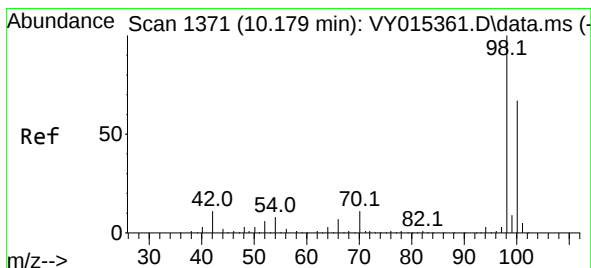
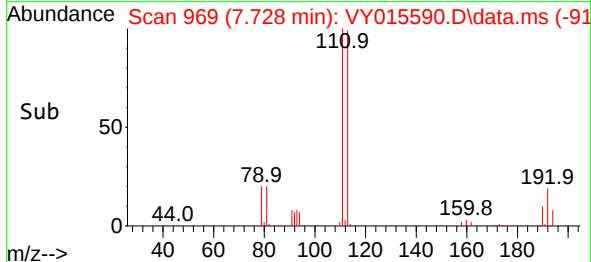
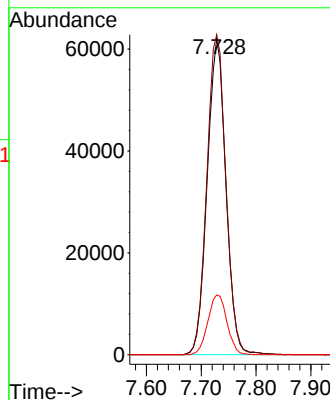
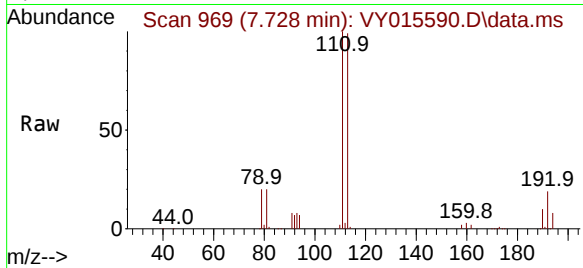




#35
Dibromofluoromethane
Concen: 54.711 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.012 min
Lab File: VY015590.D
Acq: 16 Sep 2023 00:26

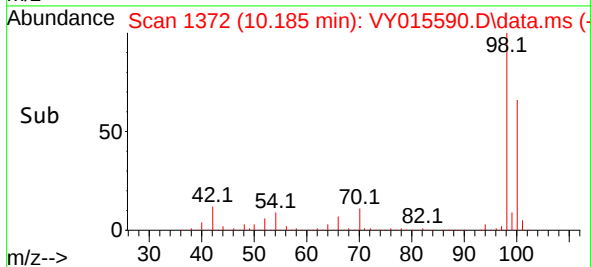
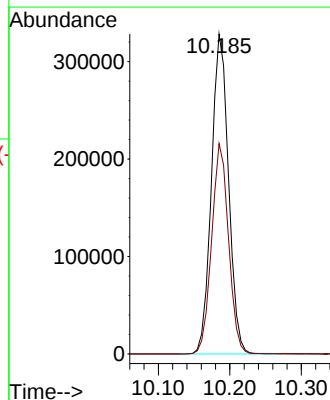
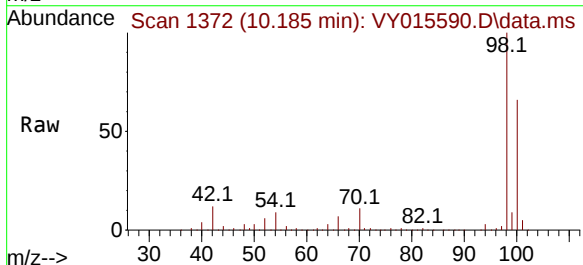
Instrument :
MSVOA_Y
ClientSampleId :
DB-04(25-27)

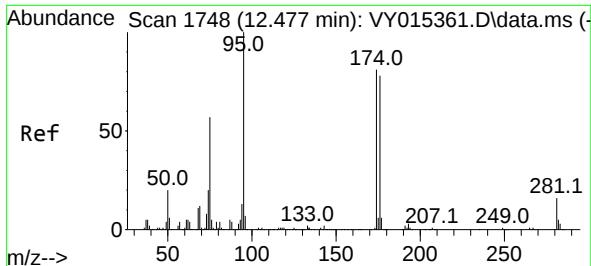
Tgt Ion:113 Resp: 146259
Ion Ratio Lower Upper
113 100
111 103.9 81.3 121.9
192 19.3 16.9 25.3



#50
Toluene-d8
Concen: 56.214 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY015590.D
Acq: 16 Sep 2023 00:26

Tgt Ion: 98 Resp: 544213
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

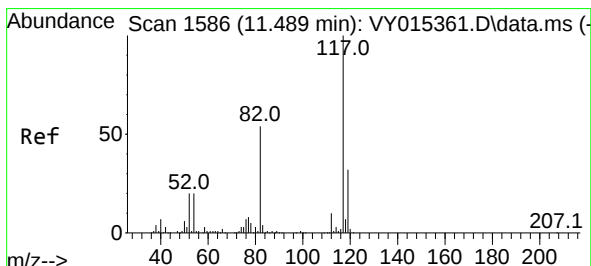
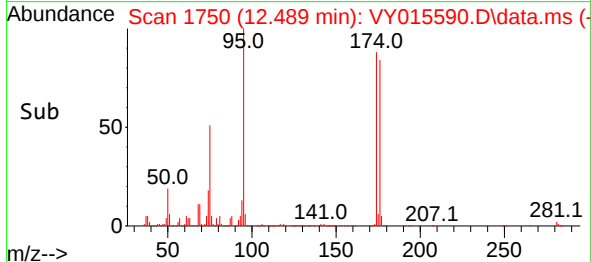
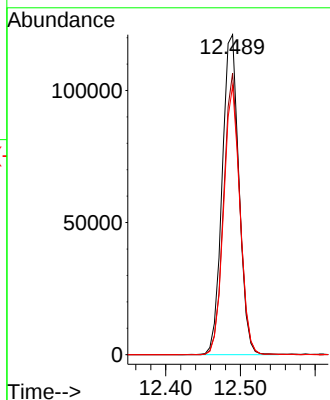
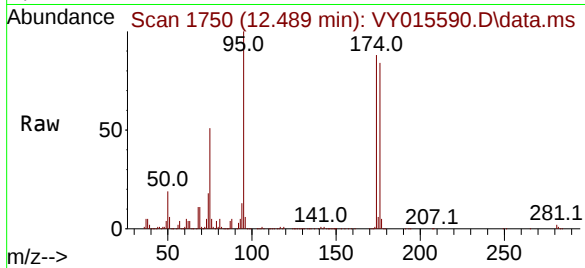




#62
4-Bromofluorobenzene
Concen: 52.670 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015590.D
Acq: 16 Sep 2023 00:26

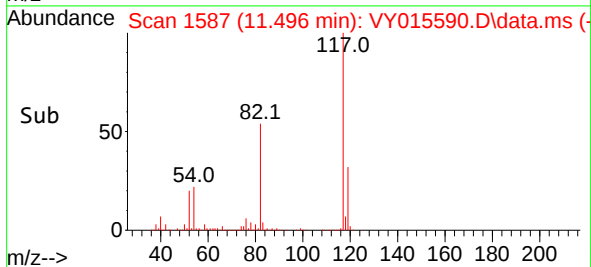
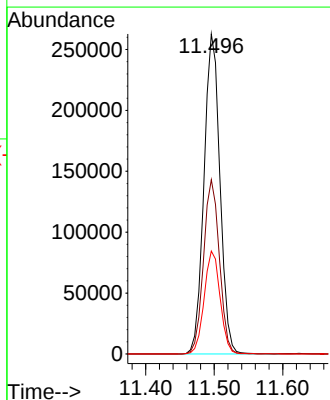
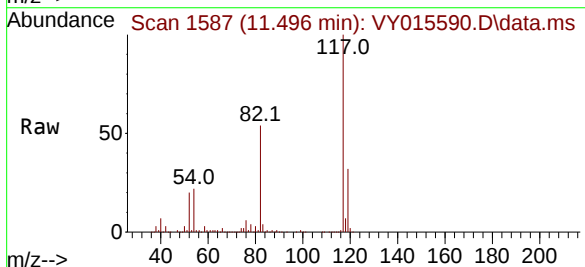
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ClientSampleId :
DB-04(25-27)

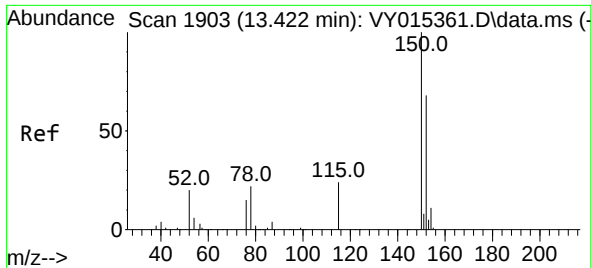
Tgt Ion: 95 Resp: 189293
Ion Ratio Lower Upper
95 100
174 84.6 0.0 178.2
176 81.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY015590.D
Acq: 16 Sep 2023 00:26

Tgt Ion: 117 Resp: 426239
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.0
119 32.2 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: VY015590.D

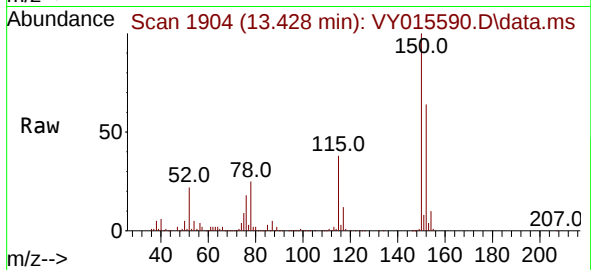
Acq: 16 Sep 2023 00:26

Instrument :

MSVOA_Y

ClientSampleId :

DB-04(25-27)



Tgt Ion:152 Resp: 197827

Ion Ratio Lower Upper

152 100

115 58.7 28.8 86.5

150 159.0 0.0 348.8

