

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091823\
 Data File : VY015622.D
 Acq On : 18 Sep 2023 18:10
 Operator : SY/MD
 Sample : 04419-19
 Misc : 5.68g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BLIND-DUPLICATE-1

Quant Time: Sep 19 02:05:45 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)

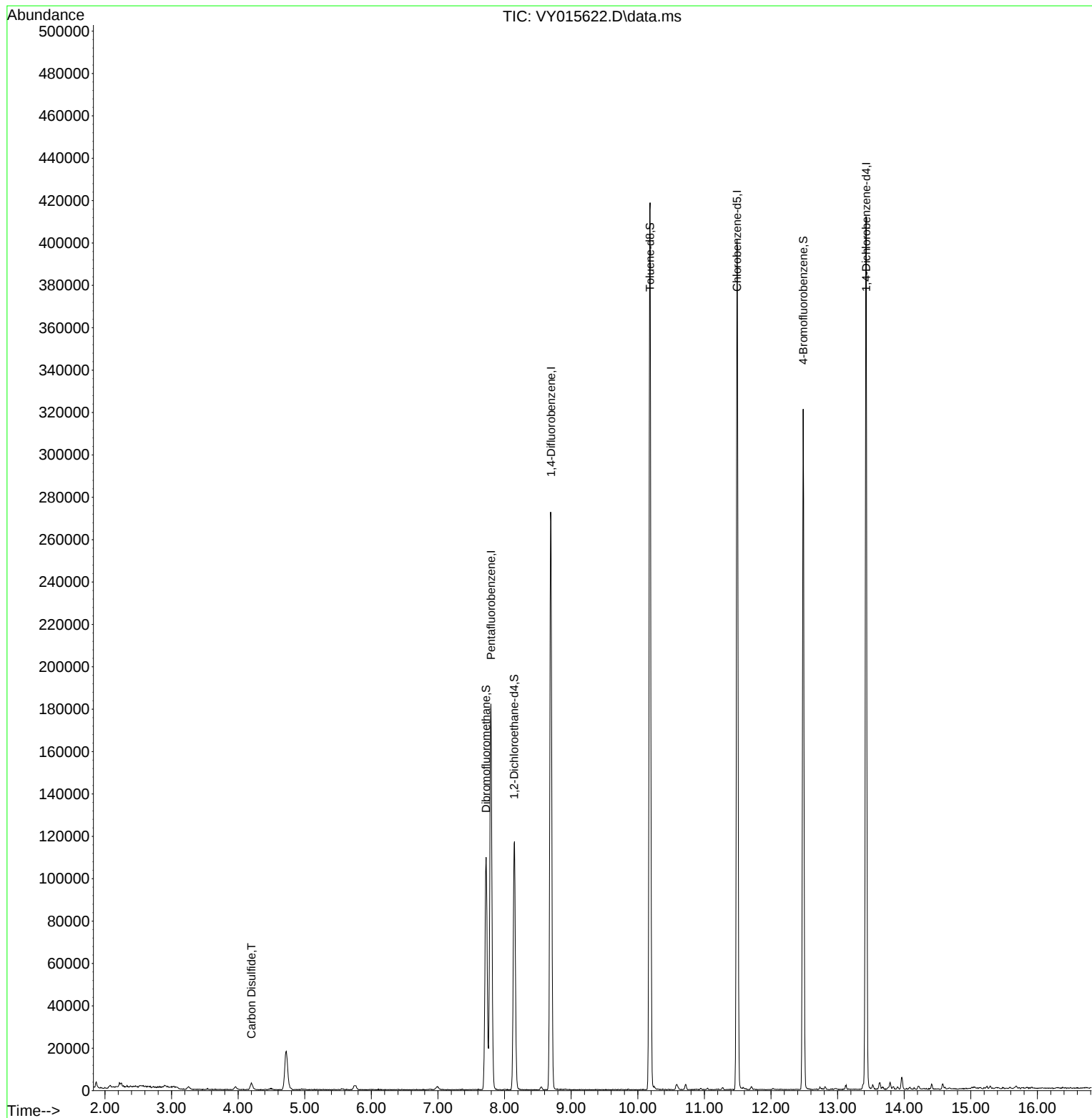
Internal Standards						
1) Pentafluorobenzene	7.795	168	140845	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	239508	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.490	117	218500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103542	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	92341	61.160	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 122.320%		
35) Dibromofluoromethane	7.722	113	76813	55.681	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 111.360%		
50) Toluene-d8	10.185	98	282540	56.556	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 113.120%		
62) 4-Bromofluorobenzene	12.483	95	95657	51.578	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 103.160%		
Target Compounds						Qvalue
17) Carbon Disulfide	4.198	76	6108	1.459	ug/l	97

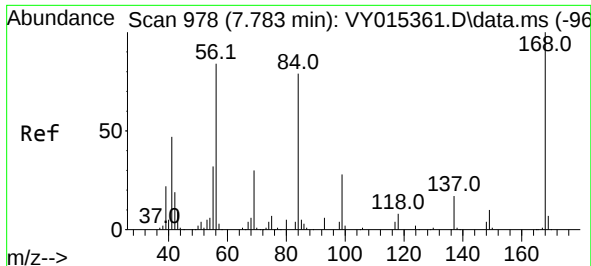
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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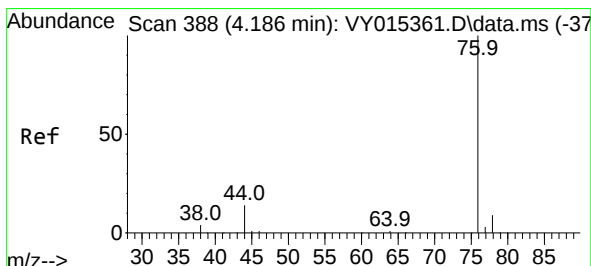
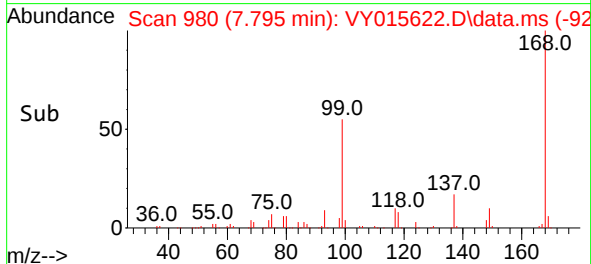
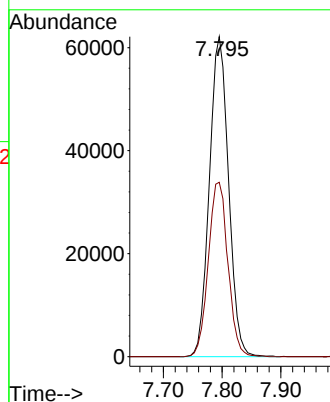
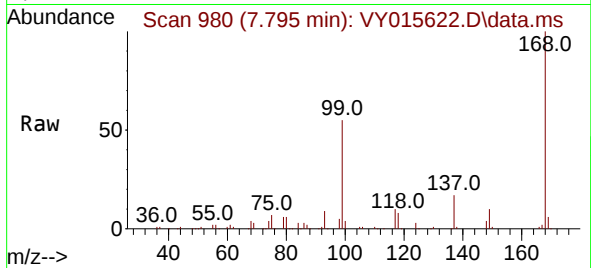




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015622.D
Acq: 18 Sep 2023 18:10

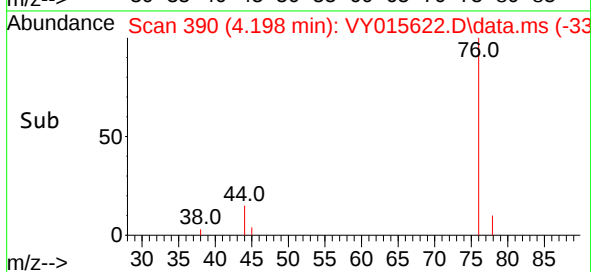
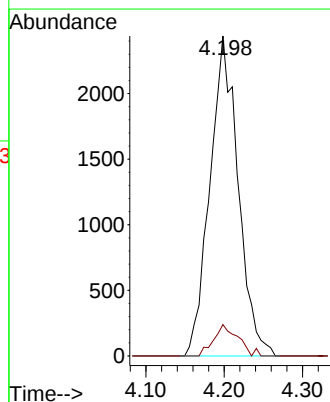
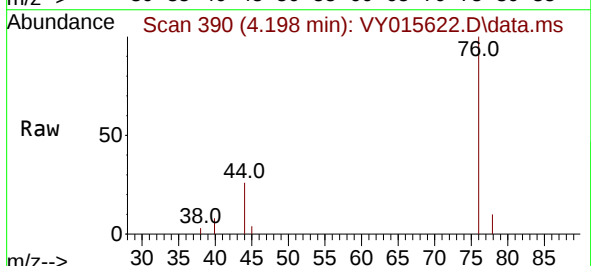
Instrument :
MSVOA_Y
ClientSampleId :
BLIND-DUPLICATE-1

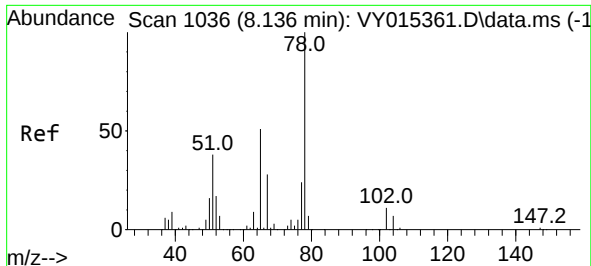
Tgt Ion:168 Resp: 140845
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#17
Carbon Disulfide
Concen: 1.459 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.012 min
Lab File: VY015622.D
Acq: 18 Sep 2023 18:10

Tgt Ion: 76 Resp: 6108
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.4





#33

1,2-Dichloroethane-d4

Concen: 61.160 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY015622.D

Acq: 18 Sep 2023 18:10

Instrument :

MSVOA_Y

ClientSampleId :

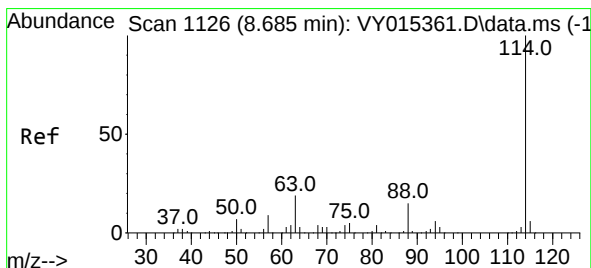
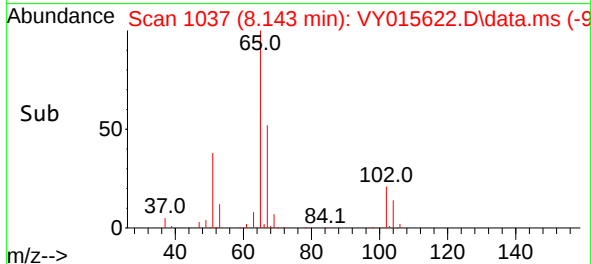
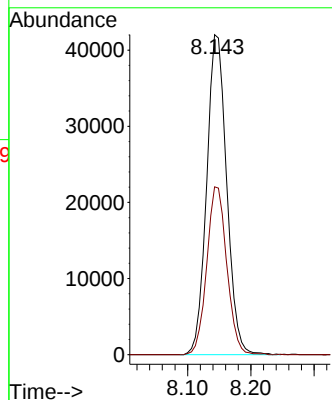
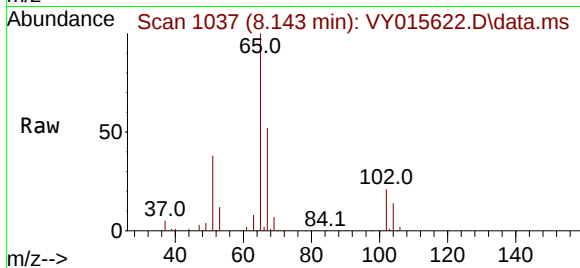
BLIND-DUPLICATE-1

Tgt Ion: 65 Resp: 92341

Ion Ratio Lower Upper

65 100

67 52.5 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: VY015622.D

Acq: 18 Sep 2023 18:10

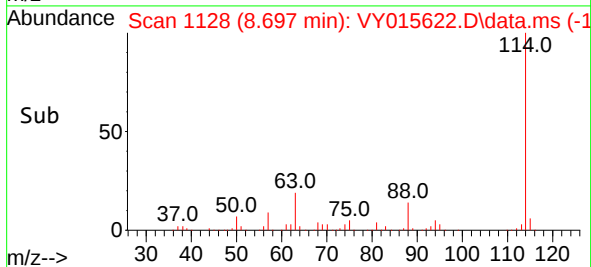
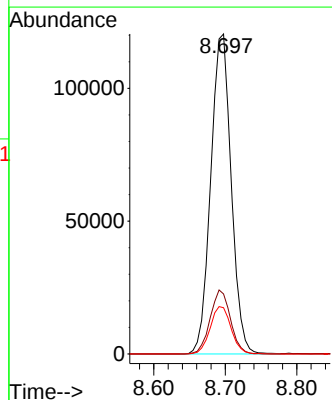
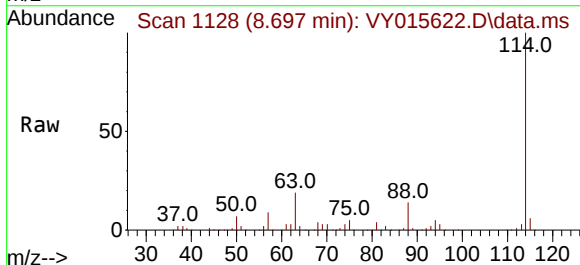
Tgt Ion: 114 Resp: 239508

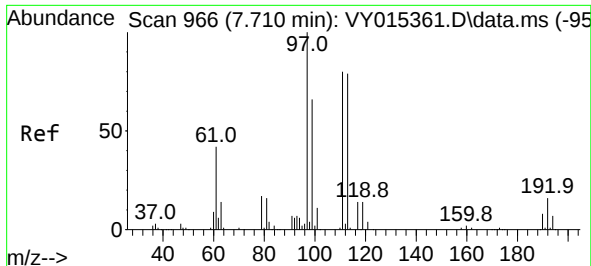
Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

88 14.5 0.0 30.6

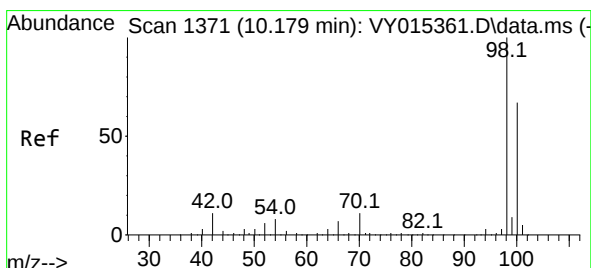
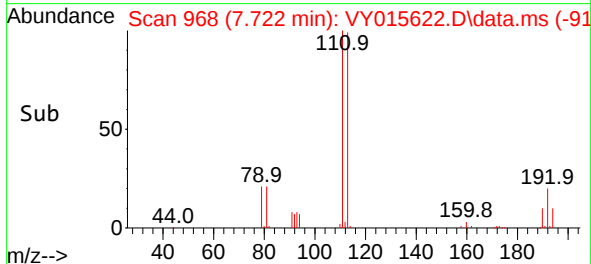
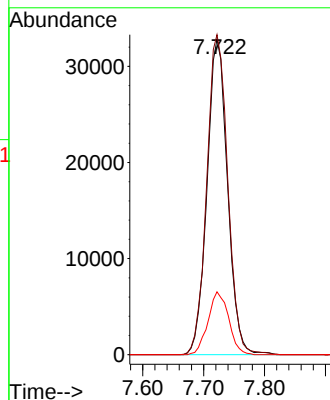
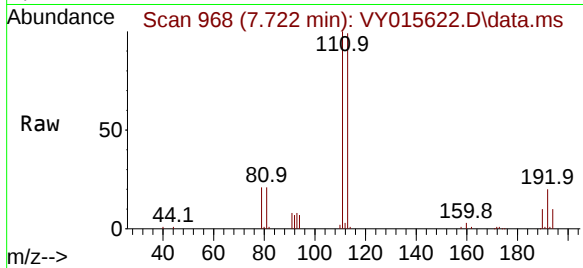




#35
Dibromofluoromethane
Concen: 55.681 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY015622.D
Acq: 18 Sep 2023 18:10

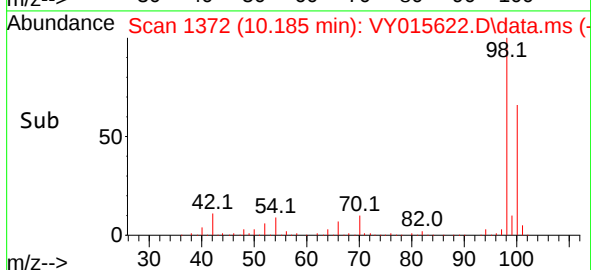
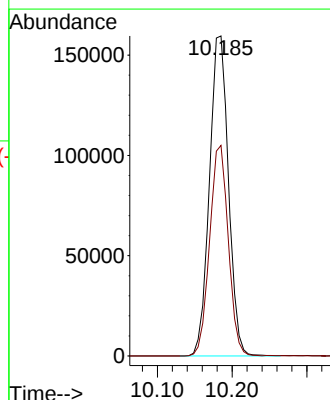
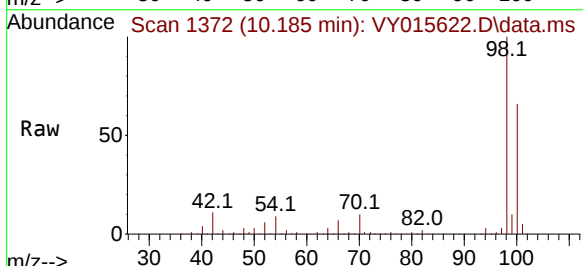
Instrument :
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BLIND-DUPLICATE-1

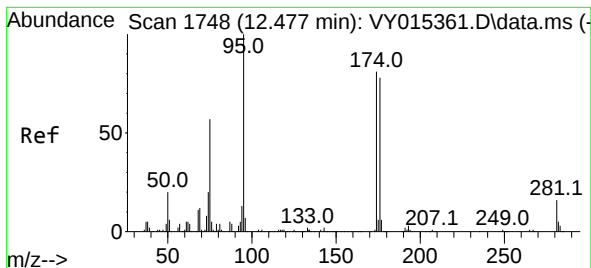
Tgt Ion:113 Resp: 76813
Ion Ratio Lower Upper
113 100
111 103.9 81.3 121.9
192 20.1 16.9 25.3



#50
Toluene-d8
Concen: 56.556 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY015622.D
Acq: 18 Sep 2023 18:10

Tgt Ion: 98 Resp: 282540
Ion Ratio Lower Upper
98 100
100 64.5 50.1 75.1

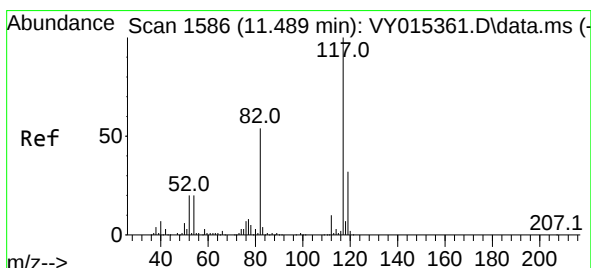
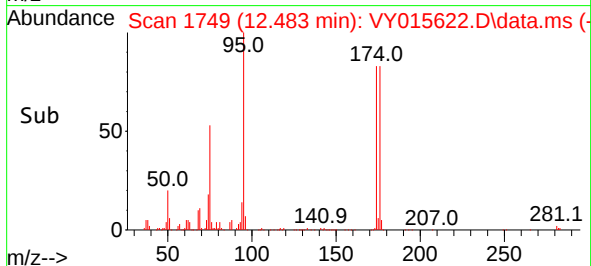
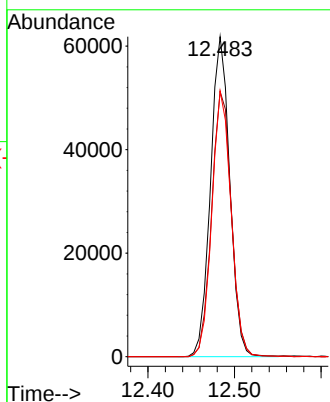
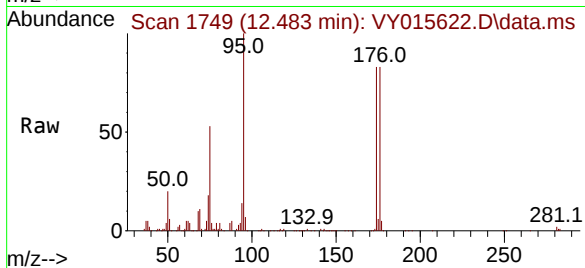




#62
4-Bromofluorobenzene
Concen: 51.578 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015622.D
Acq: 18 Sep 2023 18:10

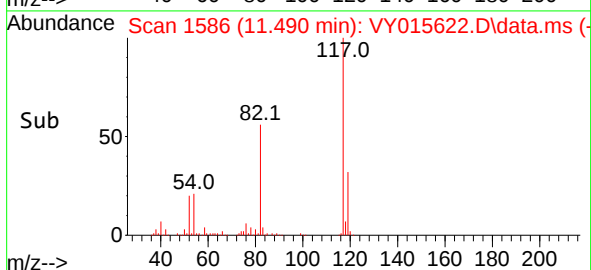
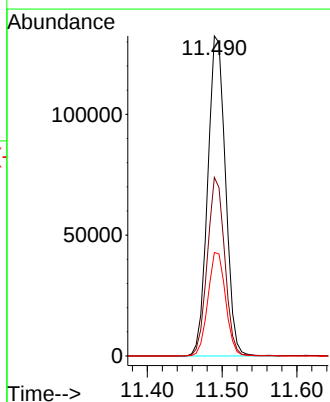
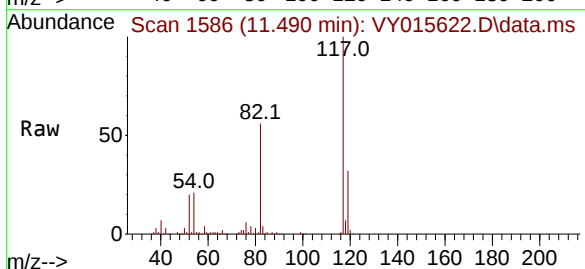
Instrument :
MSVOA_Y
ClientSampleId :
BLIND-DUPLICATE-1

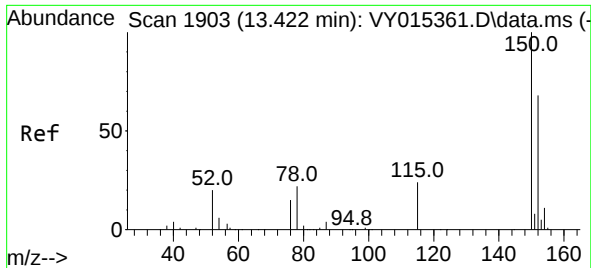
Tgt Ion: 95 Resp: 95657
Ion Ratio Lower Upper
95 100
174 84.9 0.0 178.2
176 82.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015622.D
Acq: 18 Sep 2023 18:10

Tgt Ion: 117 Resp: 218500
Ion Ratio Lower Upper
117 100
82 55.8 43.4 65.0
119 32.4 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: VY015622.D

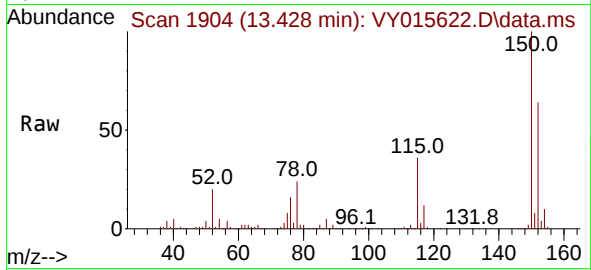
Acq: 18 Sep 2023 18:10

Instrument :

MSVOA_Y

ClientSampleId :

BLIND-DUPLICATE-1



Tgt Ion:152 Resp: 103542

Ion Ratio Lower Upper

152 100

115 58.3 28.8 86.5

150 157.1 0.0 348.8

