

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090123\
 Data File : VY015418.D
 Acq On : 01 Sep 2023 16:18
 Operator : SY/MD
 Sample : 04256-07
 Misc : 6.16g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-4-6

Quant Time: Sep 01 23:42:57 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)

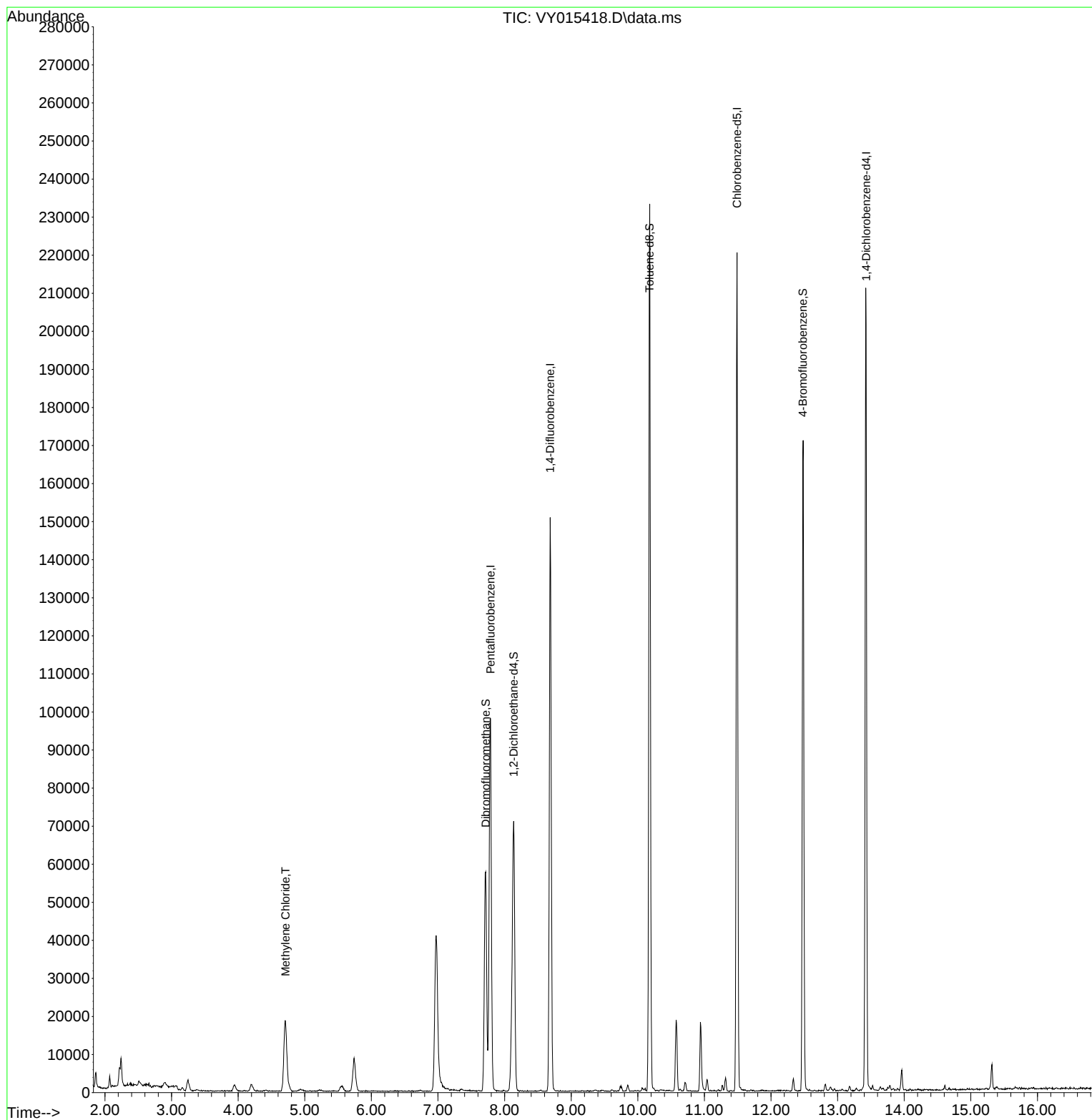
Internal Standards						
1) Pentafluorobenzene	7.789	168	77519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	127696	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	115750	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	54431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	50826	61.163	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	122.320%	
35) Dibromofluoromethane	7.715	113	41237	56.066	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	112.140%	
50) Toluene-d8	10.178	98	149153	55.998	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	112.000%	
62) 4-Bromofluorobenzene	12.477	95	48088	48.633	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	97.260%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	13857	7.002	ug/l	95

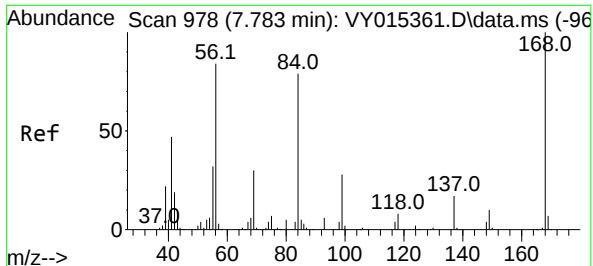
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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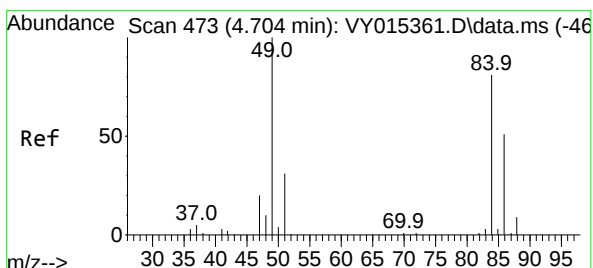
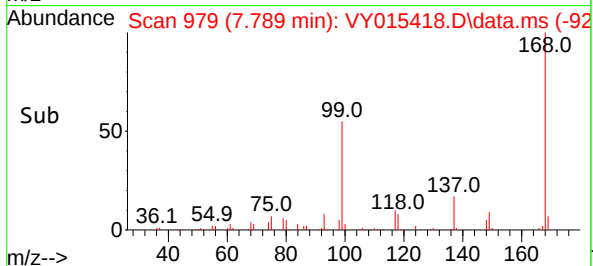
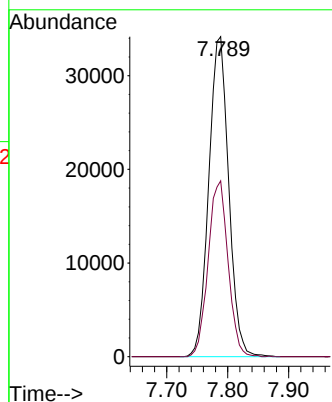
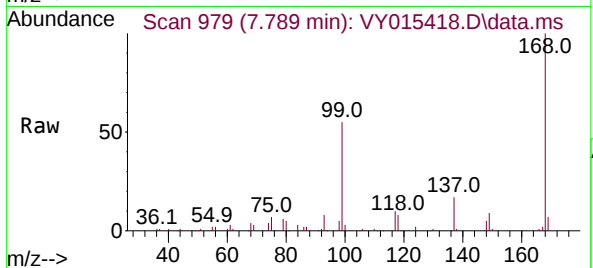




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015418.D
Acq: 01 Sep 2023 16:18

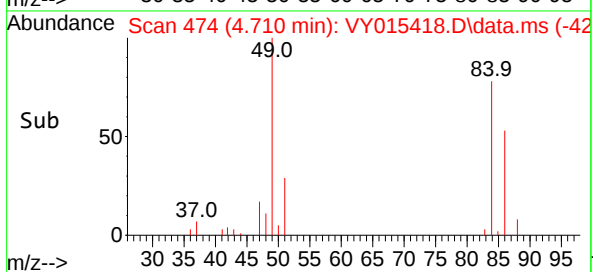
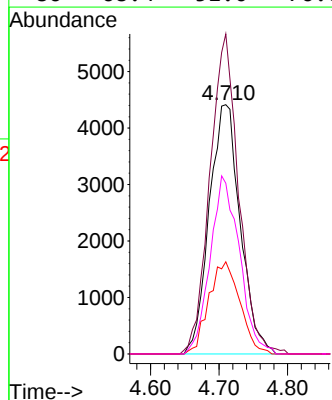
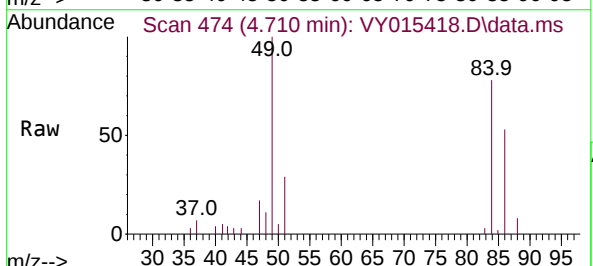
Instrument :
MSVOA_Y
ClientSampleId :
MW-4-6

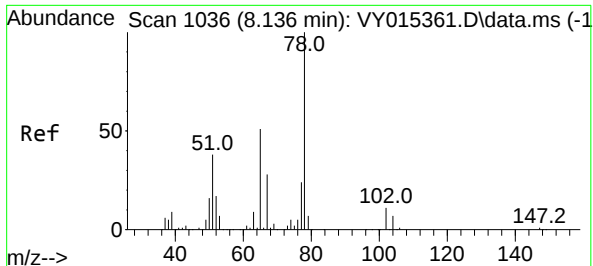
Tgt Ion:168 Resp: 77519
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0



#20
Methylene Chloride
Concen: 7.002 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015418.D
Acq: 01 Sep 2023 16:18

Tgt Ion: 84 Resp: 13857
Ion Ratio Lower Upper
84 100
49 128.3 106.9 160.3
51 37.0 33.2 49.8
86 68.4 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 61.163 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY015418.D

Acq: 01 Sep 2023 16:18

Instrument :

MSVOA_Y

ClientSampleId :

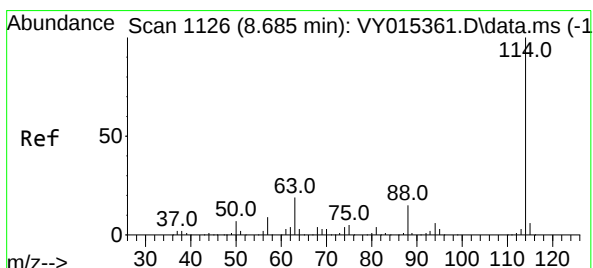
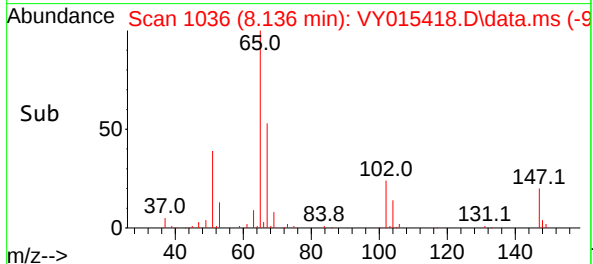
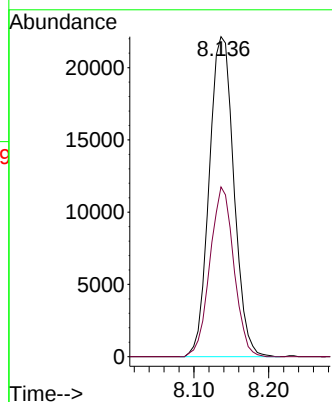
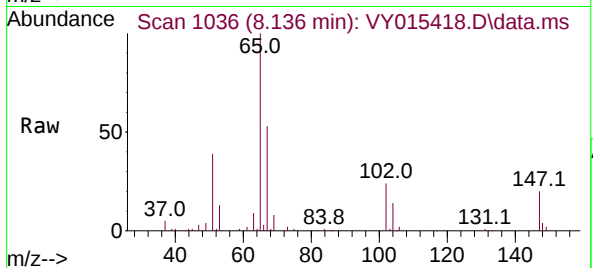
MW-4-6

Tgt Ion: 65 Resp: 50826

Ion Ratio Lower Upper

65 100

67 51.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY015418.D

Acq: 01 Sep 2023 16:18

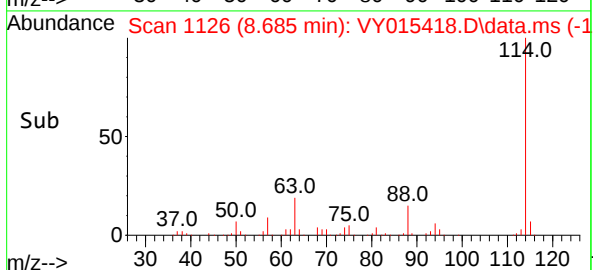
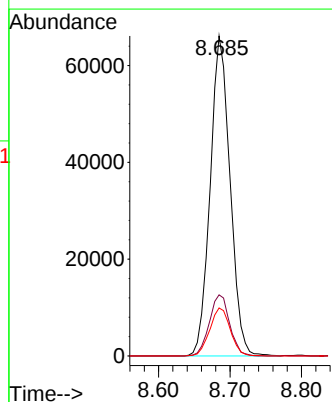
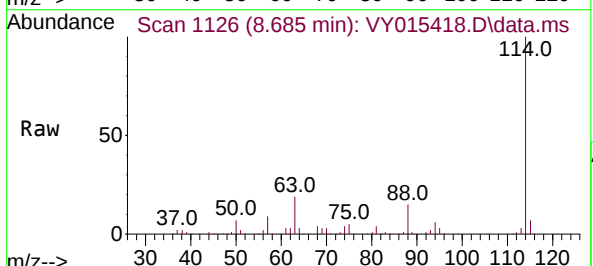
Tgt Ion: 114 Resp: 127696

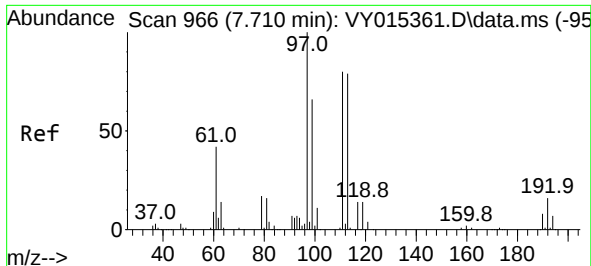
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.0 0.0 30.6

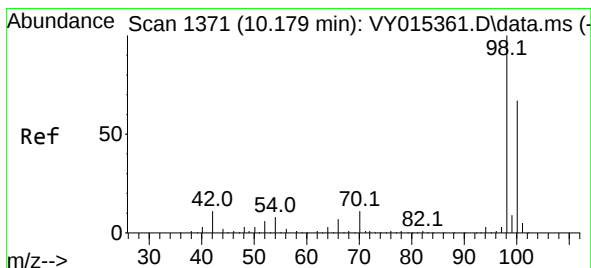
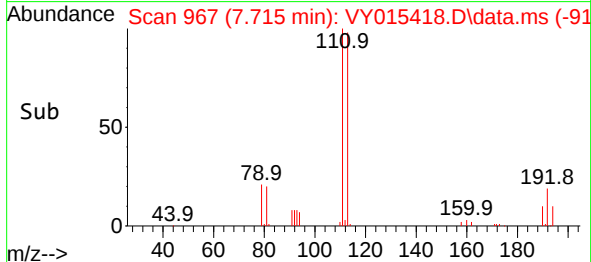
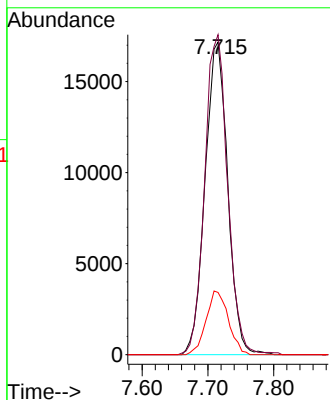
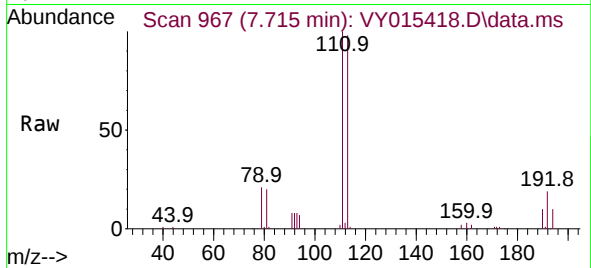




#35
Dibromofluoromethane
Concen: 56.066 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY015418.D
Acq: 01 Sep 2023 16:18

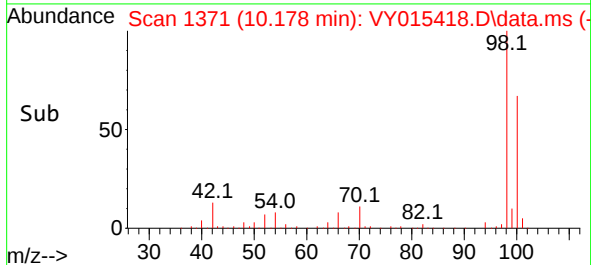
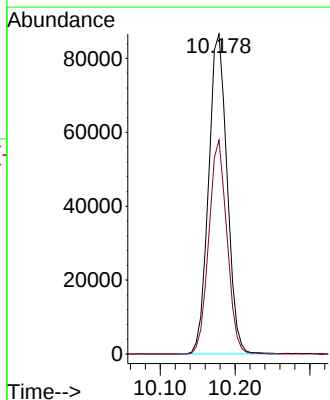
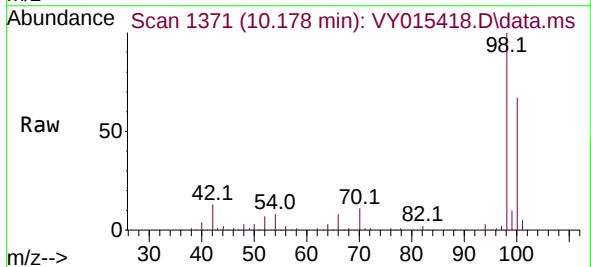
Instrument :
MSVOA_Y
ClientSampleId :
MW-4-6

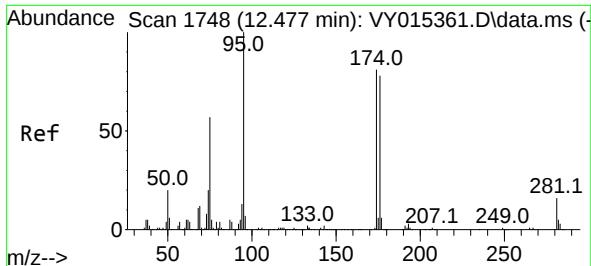
Tgt Ion:113	Resp:	41237	
Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.3	121.9
192	20.0	16.9	25.3



#50
Toluene-d8
Concen: 55.998 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015418.D
Acq: 01 Sep 2023 16:18

Tgt Ion: 98	Resp: 149153
Ion Ratio	Lower Upper
98 100	
100 65.5	50.1 75.1

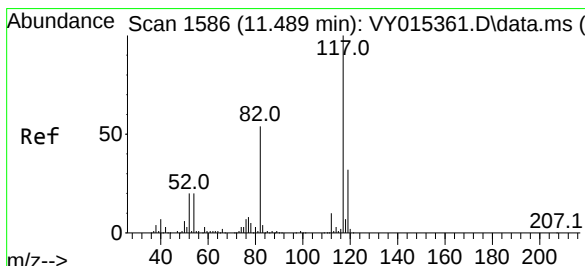
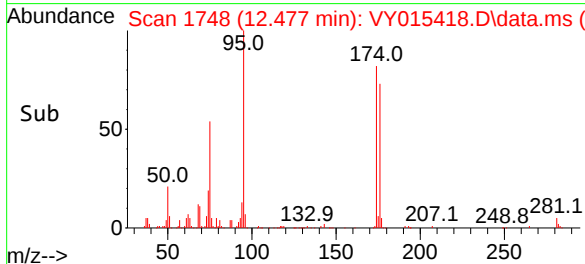
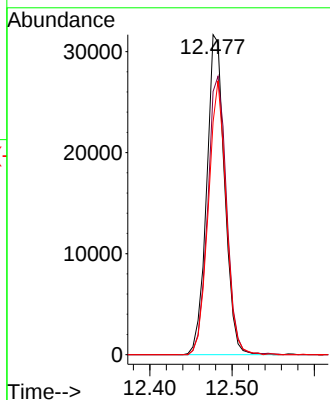
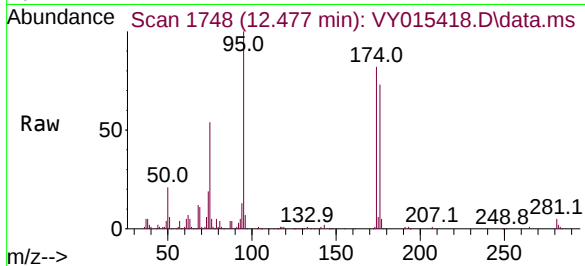




#62
4-Bromofluorobenzene
Concen: 48.633 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015418.D
Acq: 01 Sep 2023 16:18

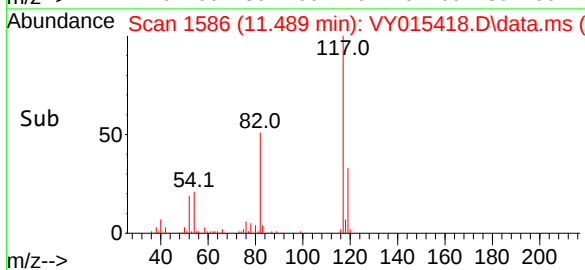
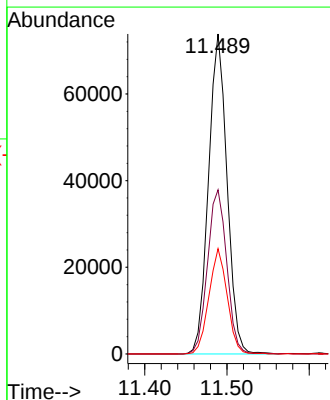
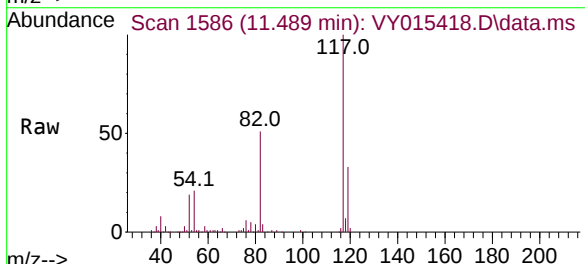
Instrument :
MSVOA_Y
ClientSampleId :
MW-4-6

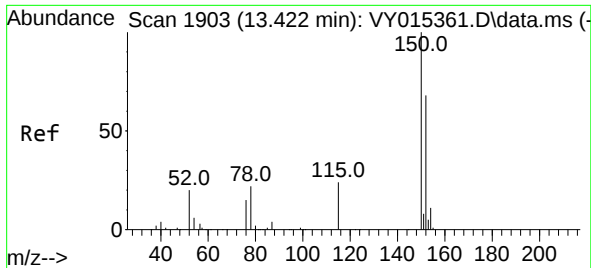
Tgt Ion: 95 Resp: 48088
Ion Ratio Lower Upper
95 100
174 91.5 0.0 178.2
176 85.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015418.D
Acq: 01 Sep 2023 16:18

Tgt Ion: 117 Resp: 115750
Ion Ratio Lower Upper
117 100
82 51.3 43.4 65.0
119 32.9 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: VY015418.D

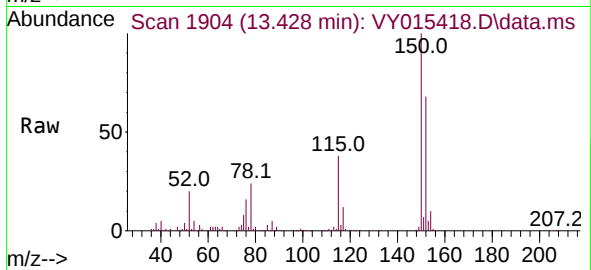
Acq: 01 Sep 2023 16:18

Instrument :

MSVOA_Y

ClientSampleId :

MW-4-6



Tgt Ion:152 Resp: 54431

Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 156.0 0.0 348.8

