

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090123\
 Data File : VY015423.D
 Acq On : 01 Sep 2023 18:15
 Operator : SY/MD
 Sample : 04283-04
 Misc : 4.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4

Quant Time: Sep 01 23:45:03 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)

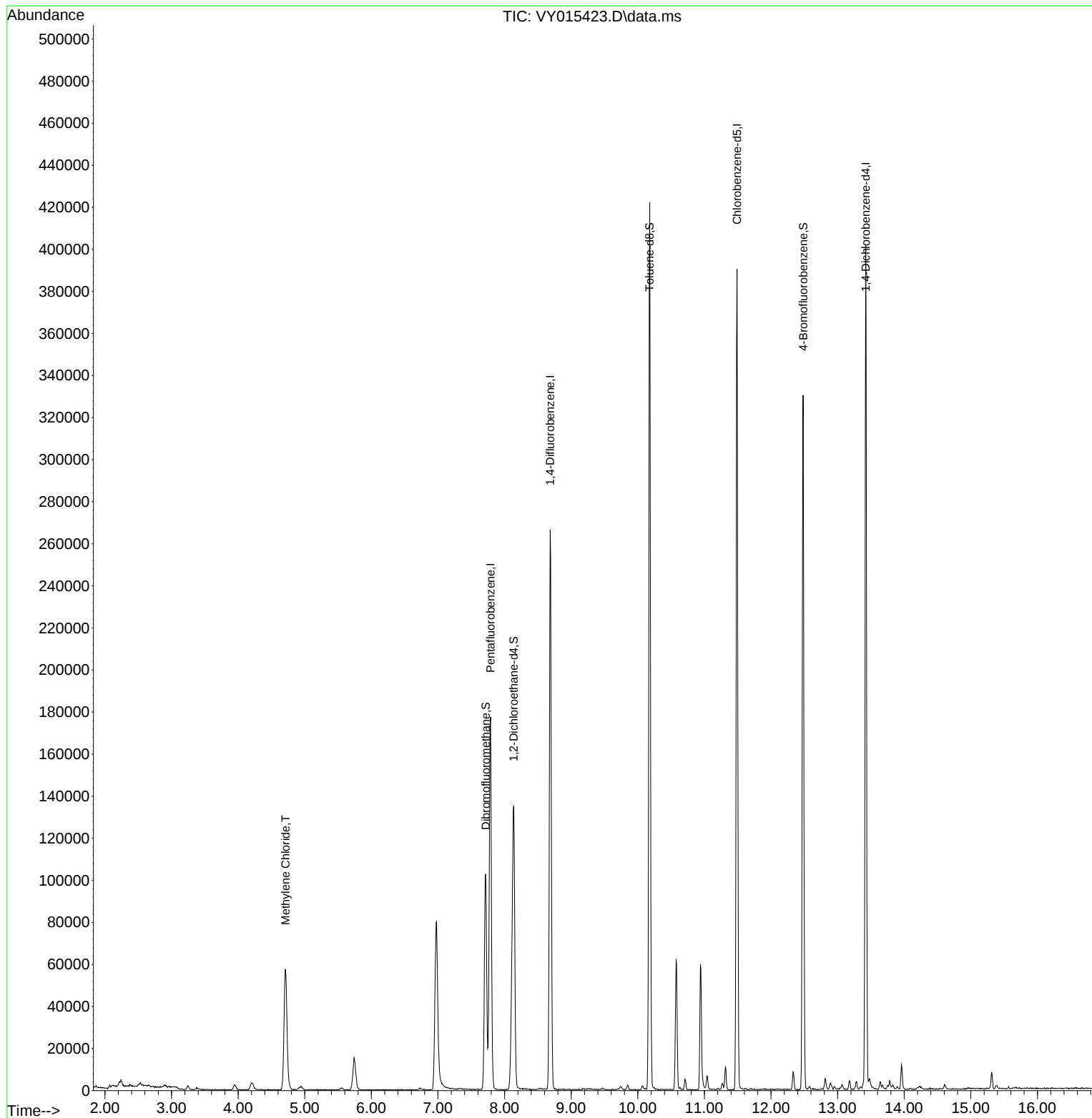
Internal Standards						
1) Pentafluorobenzene	7.789	168	137988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	228880	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	207631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	99985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	90924	61.468	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.940%	
35) Dibromofluoromethane	7.716	113	73090	55.443	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.880%	
50) Toluene-d8	10.179	98	269172	56.382	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.760%	
62) 4-Bromofluorobenzene	12.483	95	91702	51.742	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.480%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	44238	17.937	ug/l	90

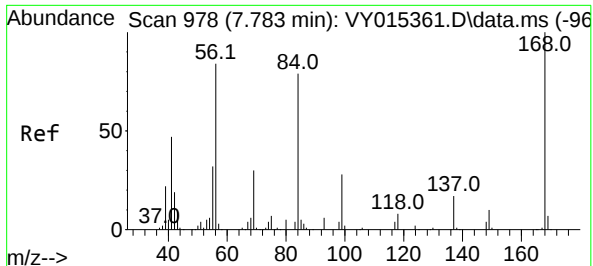
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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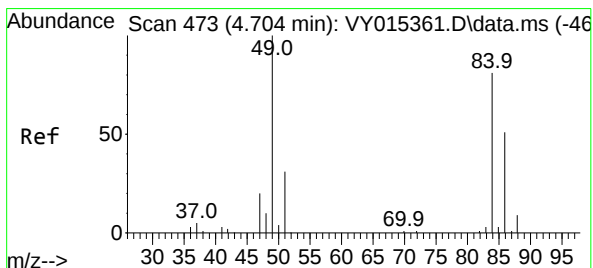
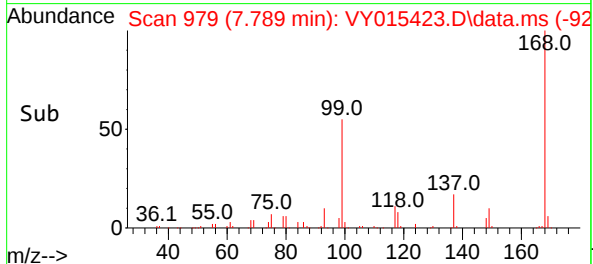
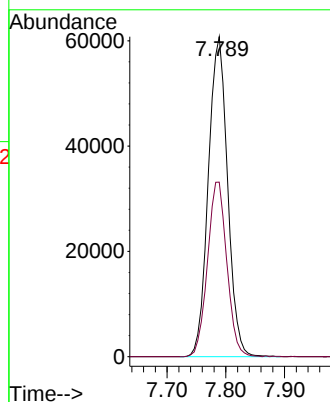
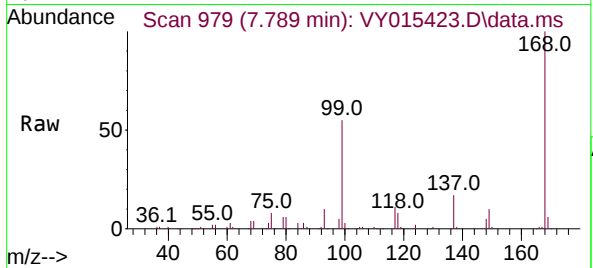




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015423.D
Acq: 01 Sep 2023 18:15

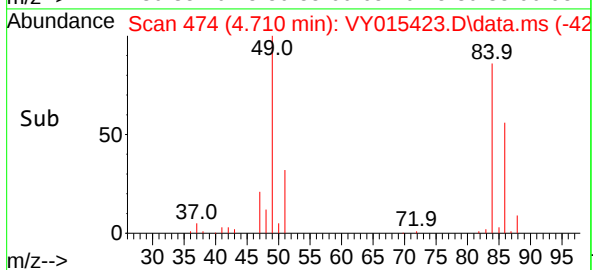
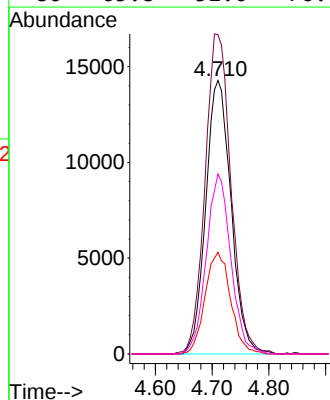
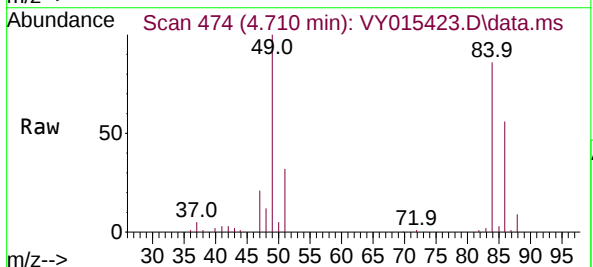
Instrument :
MSVOA_Y
ClientSampleId :
SB-4

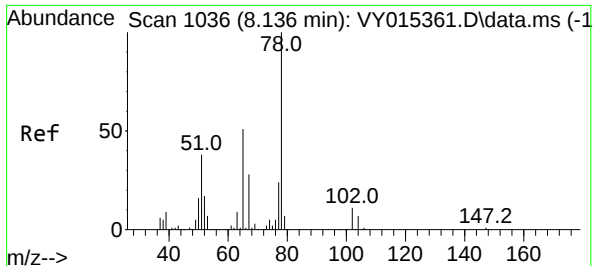
Tgt Ion:168 Resp: 137988
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#20
Methylene Chloride
Concen: 17.937 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015423.D
Acq: 01 Sep 2023 18:15

Tgt Ion: 84 Resp: 44238
Ion Ratio Lower Upper
84 100
49 116.8 106.9 160.3
51 37.2 33.2 49.8
86 65.8 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 61.468 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015423.D

Acq: 01 Sep 2023 18:15

Instrument :

MSVOA_Y

ClientSampleId :

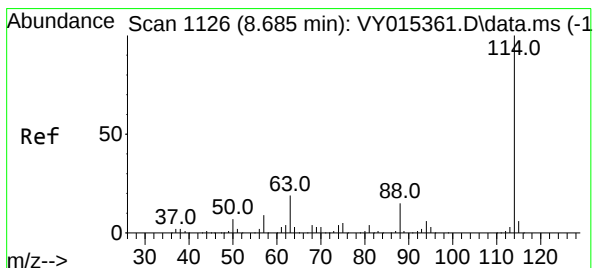
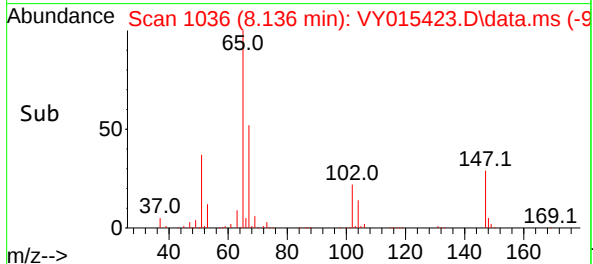
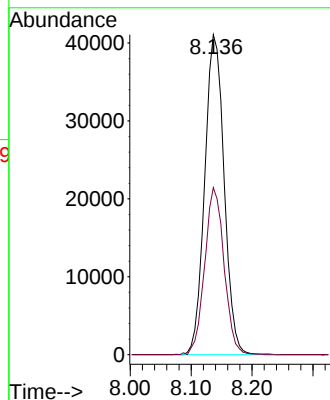
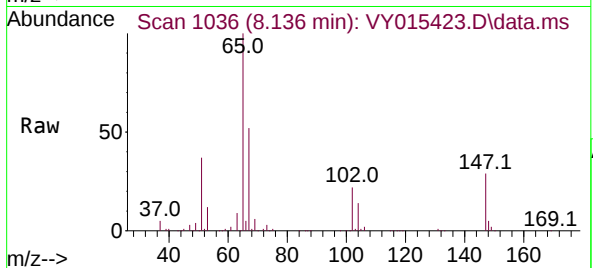
SB-4

Tgt Ion: 65 Resp: 90924

Ion Ratio Lower Upper

65 100

67 52.1 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: VY015423.D

Acq: 01 Sep 2023 18:15

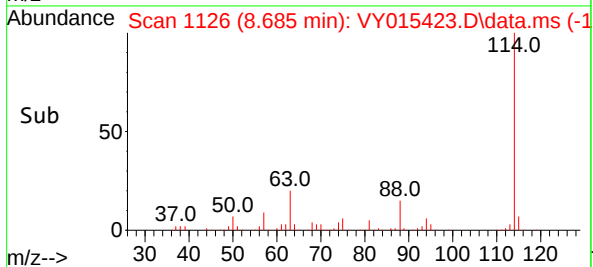
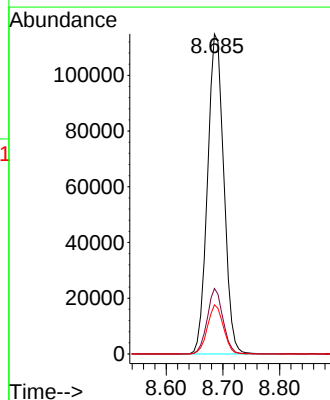
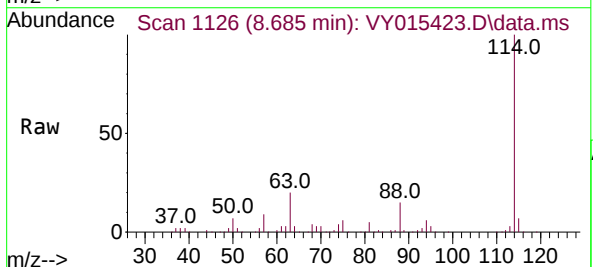
Tgt Ion: 114 Resp: 228880

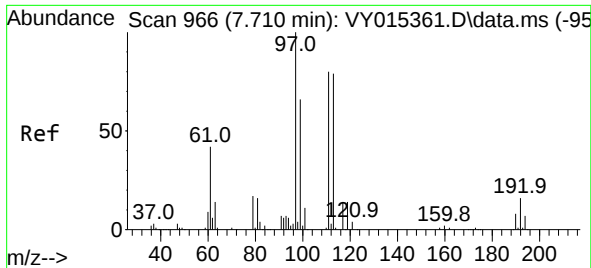
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.4

88 15.4 0.0 30.6

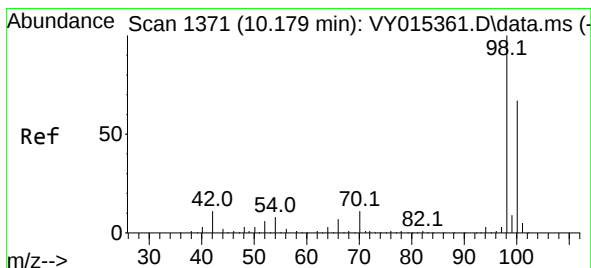
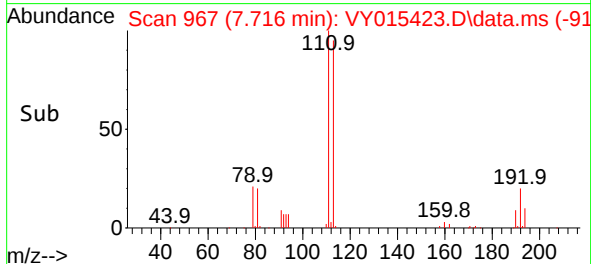
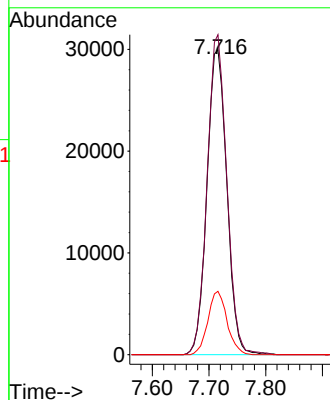
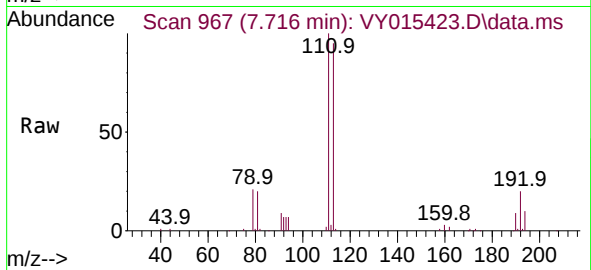




#35
Dibromofluoromethane
Concen: 55.443 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY015423.D
Acq: 01 Sep 2023 18:15

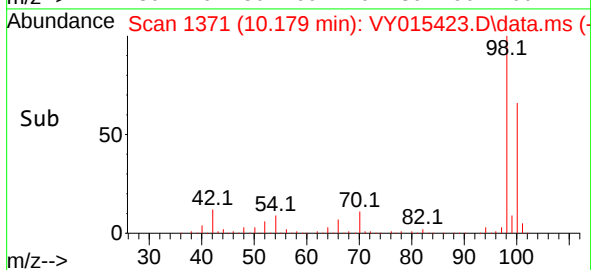
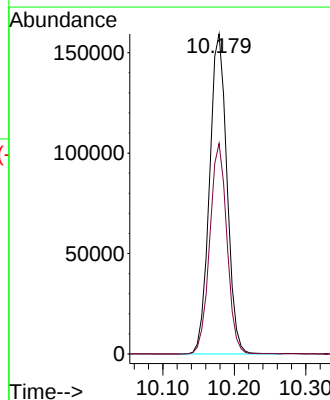
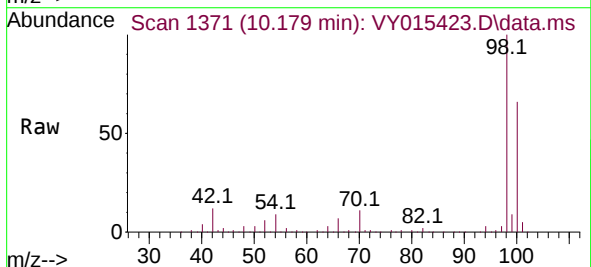
Instrument :
MSVOA_Y
ClientSampleId :
SB-4

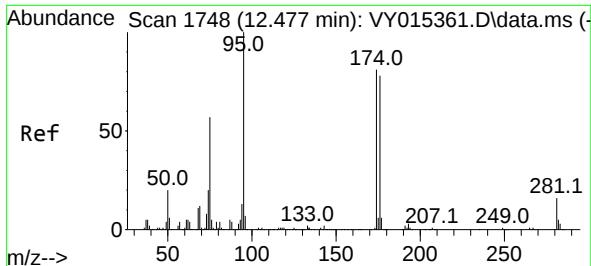
Tgt Ion:113 Resp: 73090
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 20.0 16.9 25.3



#50
Toluene-d8
Concen: 56.382 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015423.D
Acq: 01 Sep 2023 18:15

Tgt Ion: 98 Resp: 269172
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 51.742 ug/l

RT: 12.483 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015423.D

Acq: 01 Sep 2023 18:15

Instrument :

MSVOA_Y

ClientSampleId :

SB-4

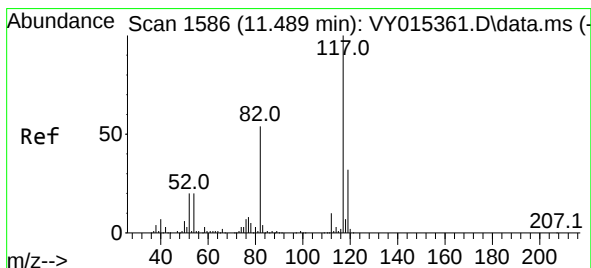
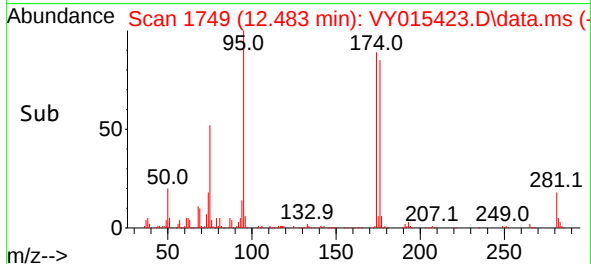
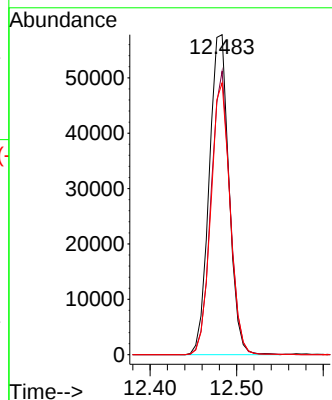
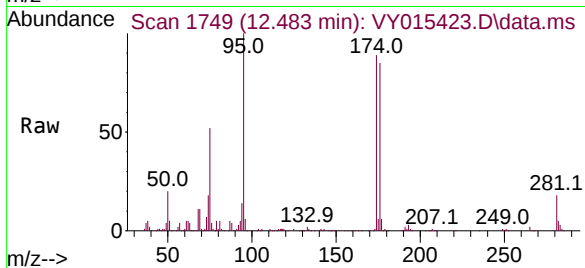
Tgt Ion: 95 Resp: 91702

Ion Ratio Lower Upper

95 100

174 84.4 0.0 178.2

176 82.7 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: VY015423.D

Acq: 01 Sep 2023 18:15

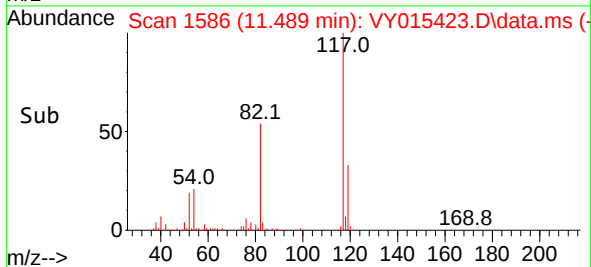
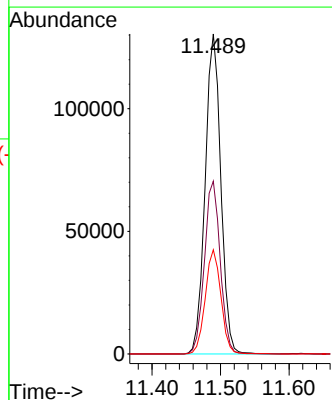
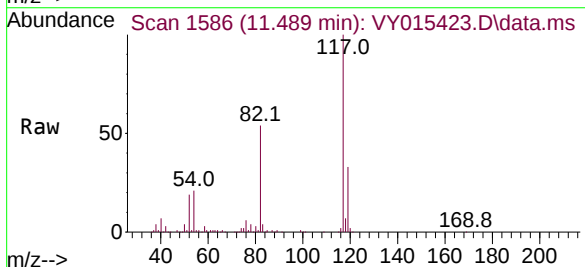
Tgt Ion: 117 Resp: 207631

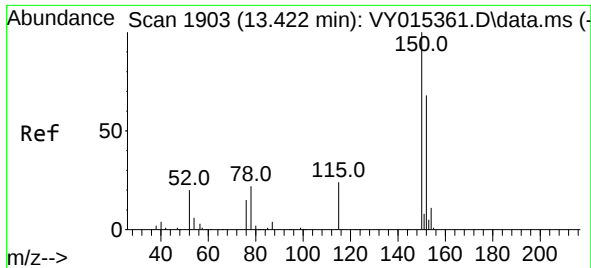
Ion Ratio Lower Upper

117 100

82 54.0 43.4 65.0

119 32.5 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015423.D
 Acq: 01 Sep 2023 18:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.4	28.8	86.5
150	157.2	0.0	348.8

