

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091923\
 Data File : VY015643.D
 Acq On : 19 Sep 2023 14:03
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Sep 20 01:51:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

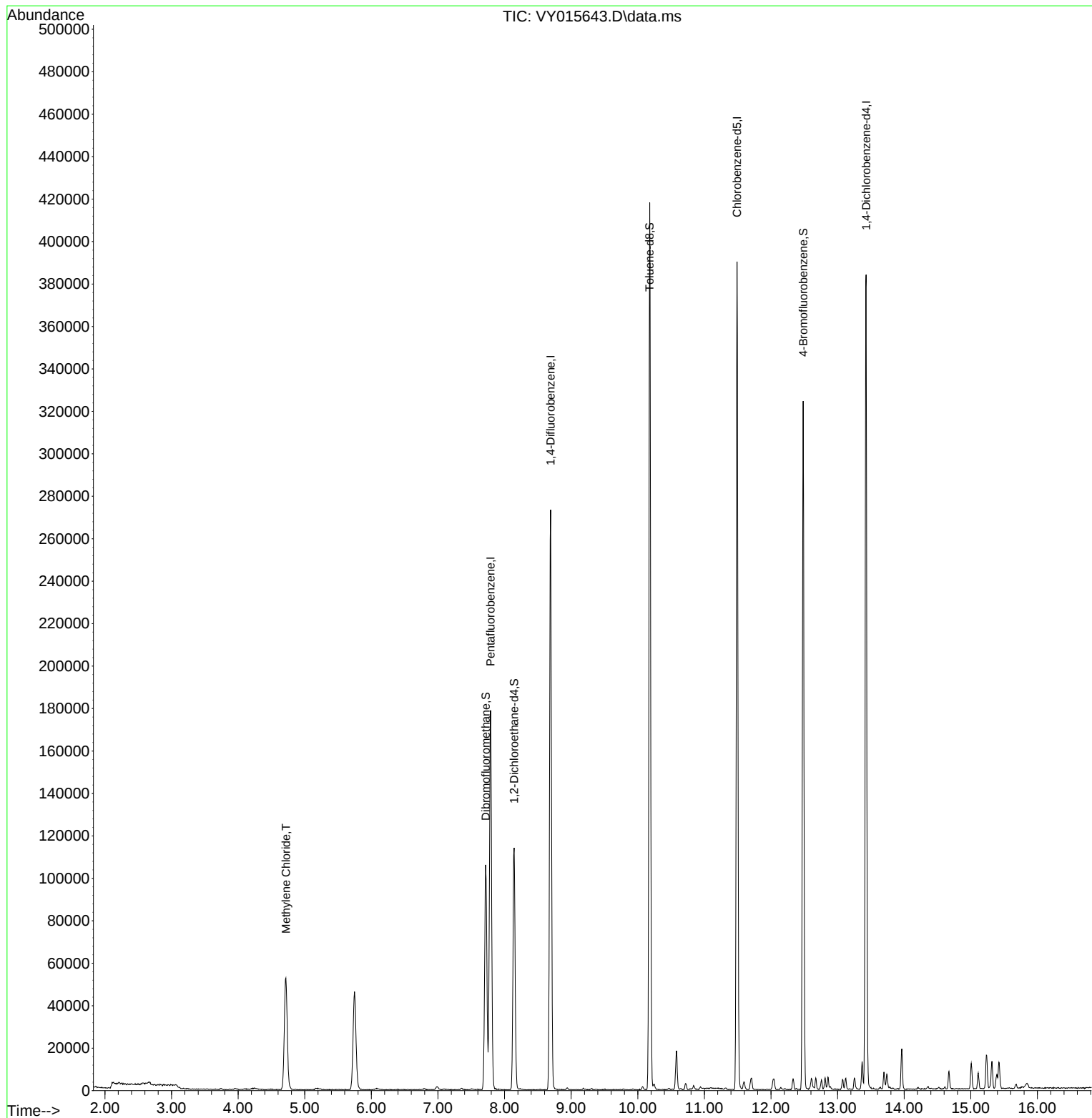
Internal Standards						
1) Pentafluorobenzene	7.789	168	137429	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	233919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	211726	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	100966	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	87778	58.050	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.100%
35) Dibromofluoromethane	7.716	113	75413	53.863	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.720%
50) Toluene-d8	10.179	98	272352	57.371	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	114.740%
62) 4-Bromofluorobenzene	12.483	95	94321	50.630	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.260%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.716	84	39659	19.418	ug/l	92

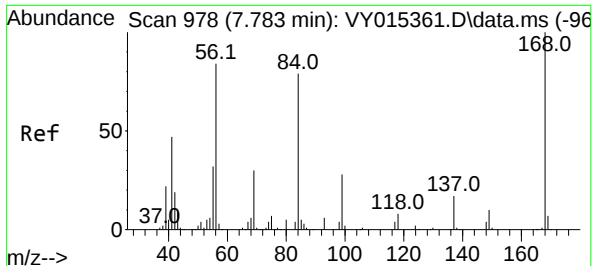
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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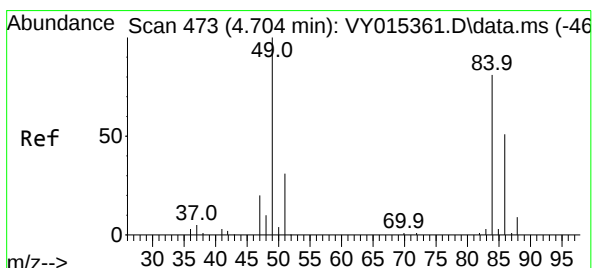
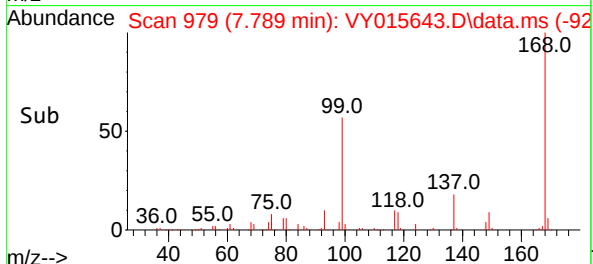
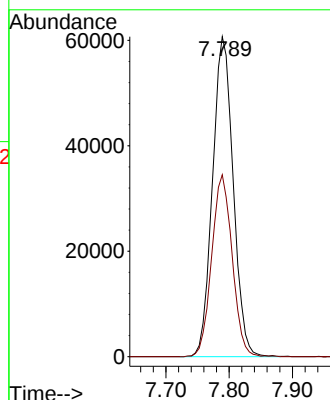
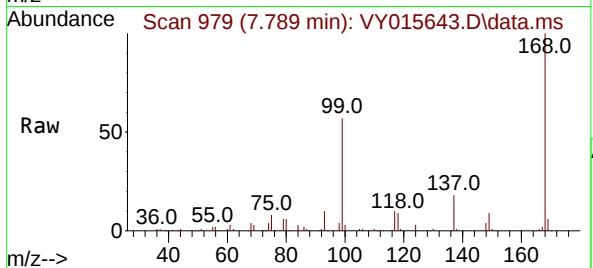




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015643.D
Acq: 19 Sep 2023 14:03

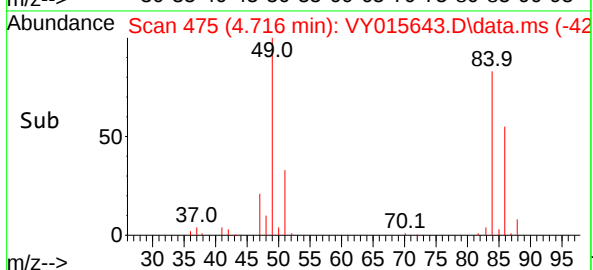
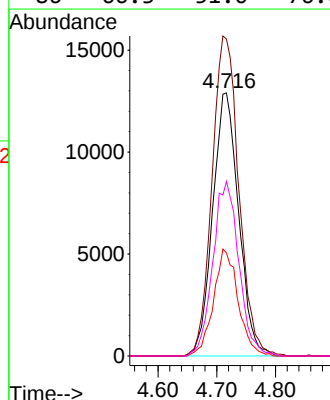
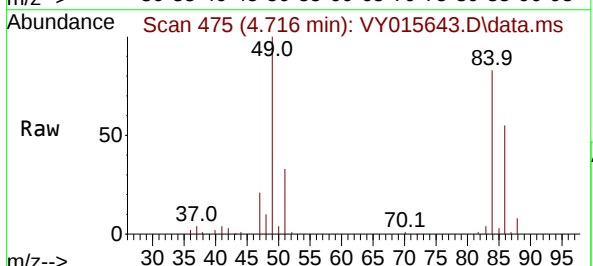
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

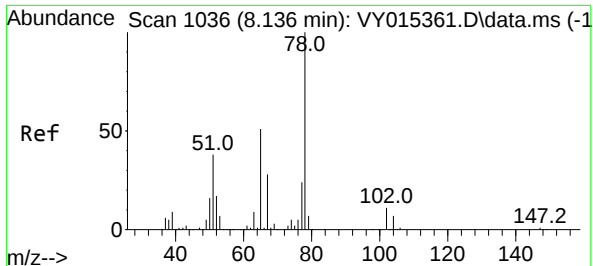
Tgt Ion:168 Resp: 137429
Ion Ratio Lower Upper
168 100
99 56.8 43.4 65.0



#20
Methylene Chloride
Concen: 19.418 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.013 min
Lab File: VY015643.D
Acq: 19 Sep 2023 14:03

Tgt Ion: 84 Resp: 39659
Ion Ratio Lower Upper
84 100
49 120.5 106.9 160.3
51 39.2 33.2 49.8
86 66.3 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 58.050 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY015643.D

Acq: 19 Sep 2023 14:03

Instrument :

MSVOA_Y

ClientSampleId :

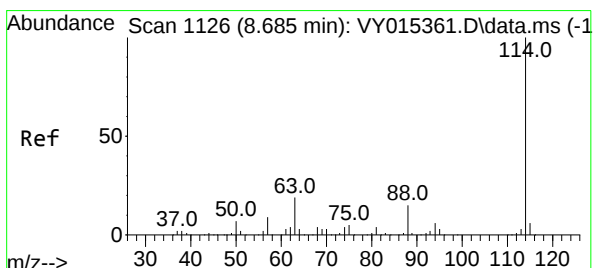
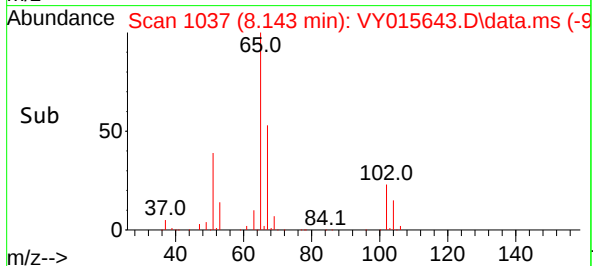
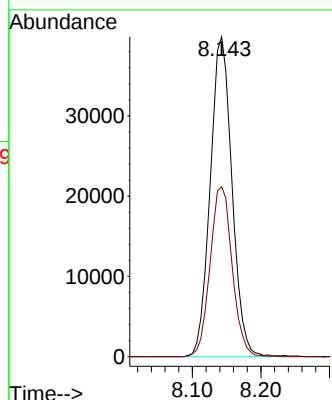
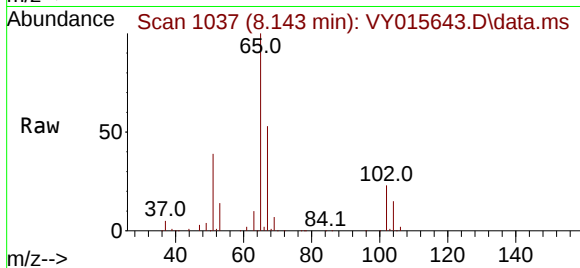
VIBLK

Tgt Ion: 65 Resp: 87778

Ion Ratio Lower Upper

65 100

67 54.0 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: VY015643.D

Acq: 19 Sep 2023 14:03

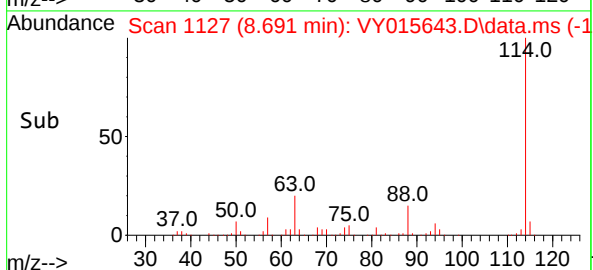
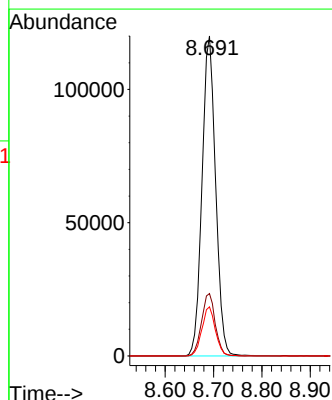
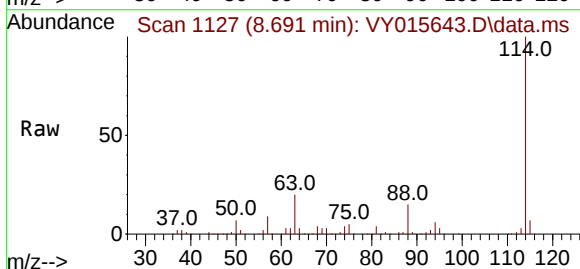
Tgt Ion: 114 Resp: 233919

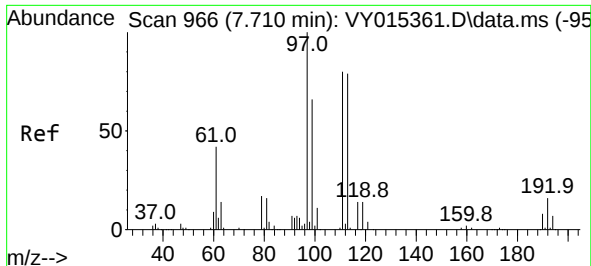
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 15.3 0.0 30.6

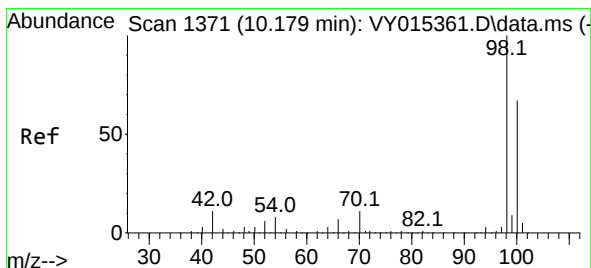
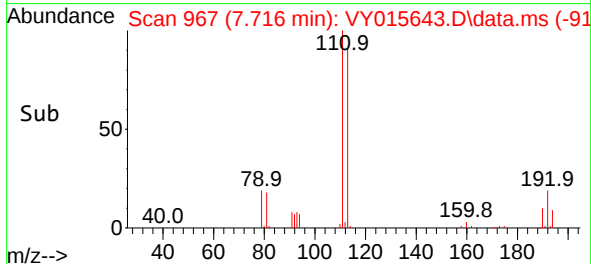
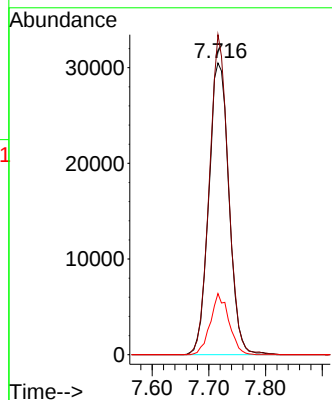
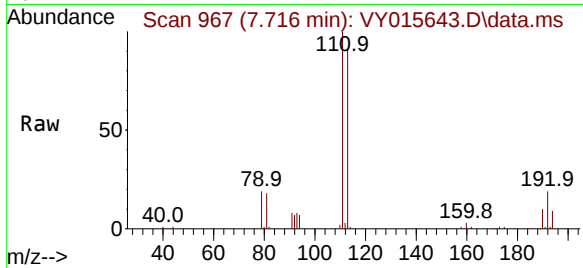




#35
Dibromofluoromethane
Concen: 53.863 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015643.D
Acq: 19 Sep 2023 14:03

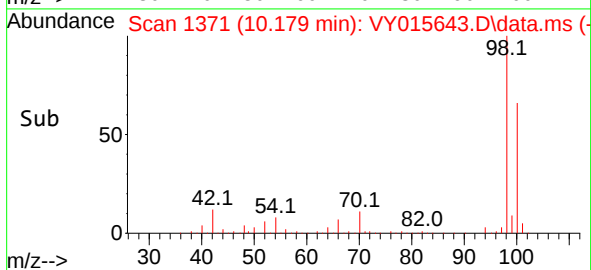
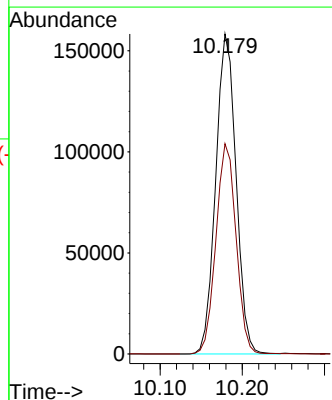
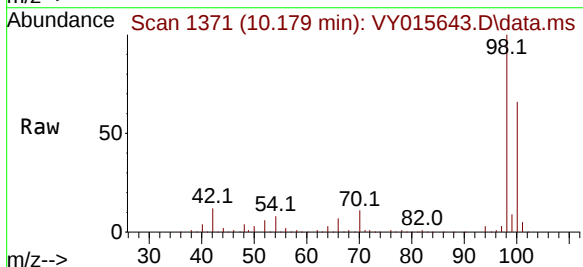
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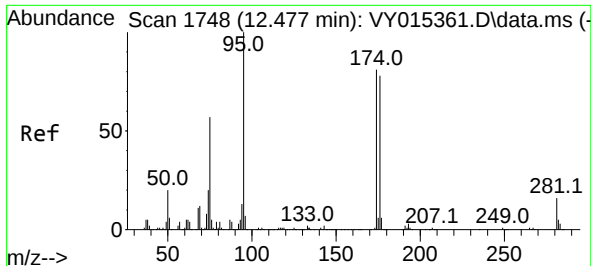
Tgt Ion:113 Resp: 75413
Ion Ratio Lower Upper
113 100
111 103.3 81.3 121.9
192 19.3 16.9 25.3



#50
Toluene-d8
Concen: 57.371 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015643.D
Acq: 19 Sep 2023 14:03

Tgt Ion: 98 Resp: 272352
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

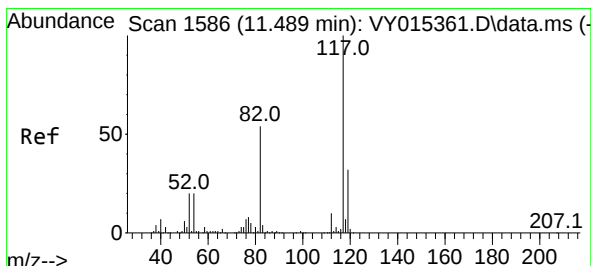
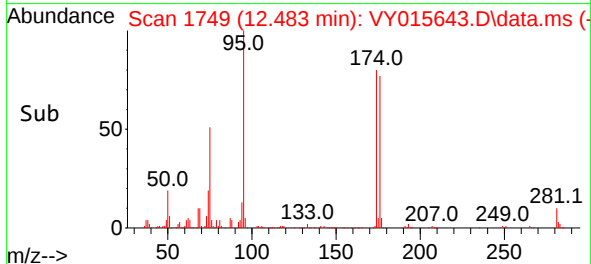
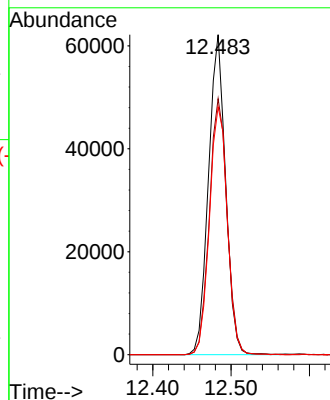
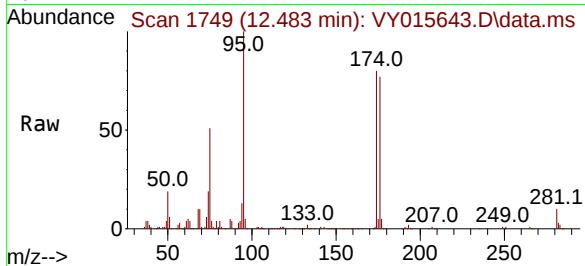




#62
4-Bromofluorobenzene
Concen: 50.630 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015643.D
Acq: 19 Sep 2023 14:03

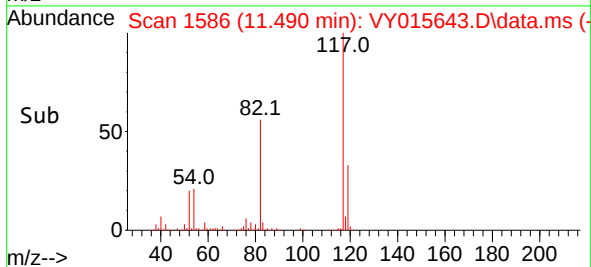
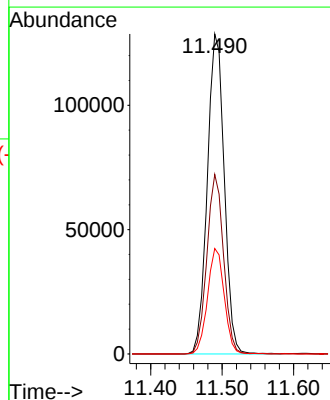
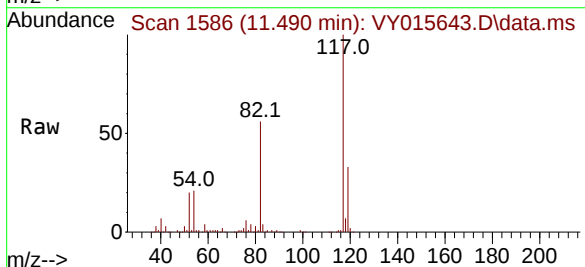
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

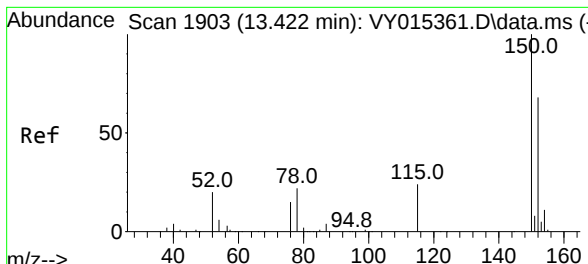
Tgt Ion: 95 Resp: 94321
Ion Ratio Lower Upper
95 100
174 83.0 0.0 178.2
176 80.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY015643.D
Acq: 19 Sep 2023 14:03

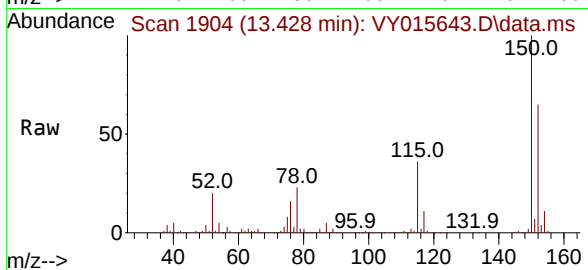
Tgt Ion: 117 Resp: 211726
Ion Ratio Lower Upper
117 100
82 56.1 43.4 65.0
119 32.9 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY015643.D
 Acq: 19 Sep 2023 14:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK



Tgt Ion:152 Resp: 100966

Ion	Ratio	Lower	Upper
152	100		
115	58.1	28.8	86.5
150	155.9	0.0	348.8

