

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100523\
 Data File : VY015849.D
 Acq On : 05 Oct 2023 14:56
 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: Oct 06 05:59:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 05:54:04 2023
 Response via : Initial Calibration

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

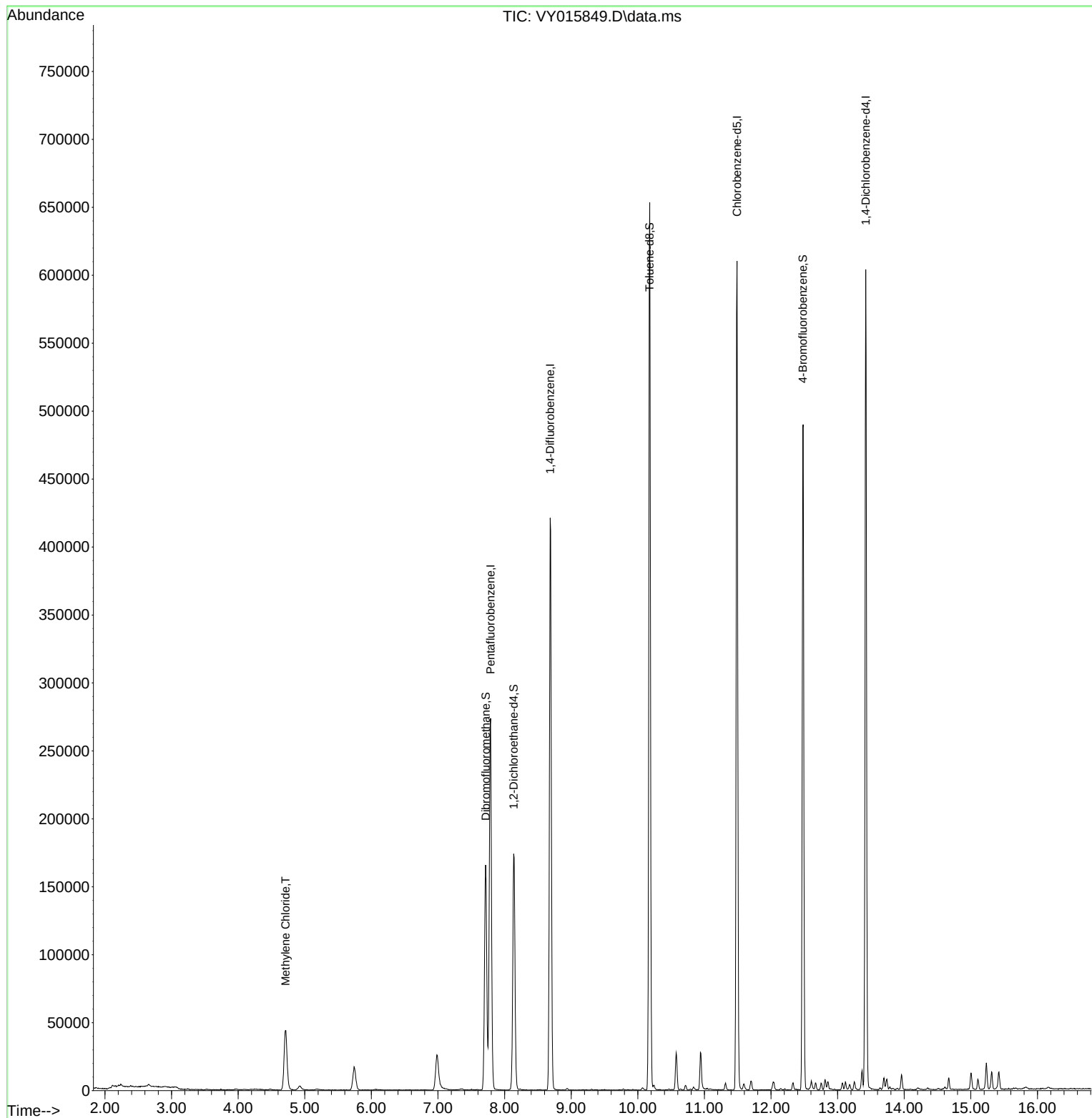
Internal Standards						
1) Pentafluorobenzene	7.789	168	215264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	367998	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	337277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	156171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	136674	64.534	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.060%	
35) Dibromofluoromethane	7.716	113	118453	56.471	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.940%	
50) Toluene-d8	10.179	98	434724	63.833	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 127.660%	
62) 4-Bromofluorobenzene	12.477	95	151016	54.249	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.500%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	34703	9.283	ug/l	92

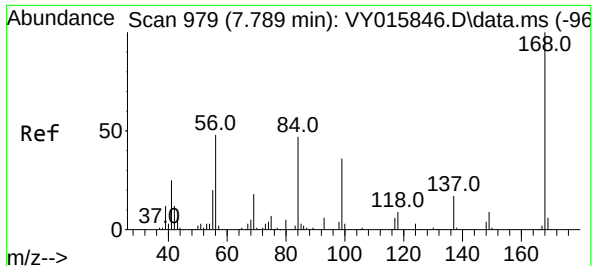
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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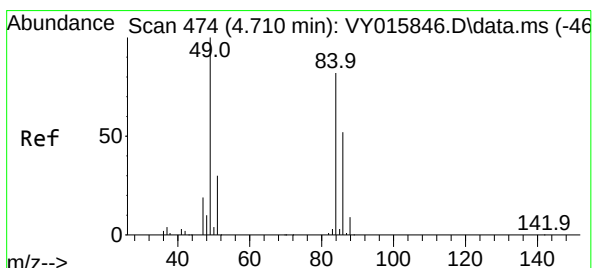
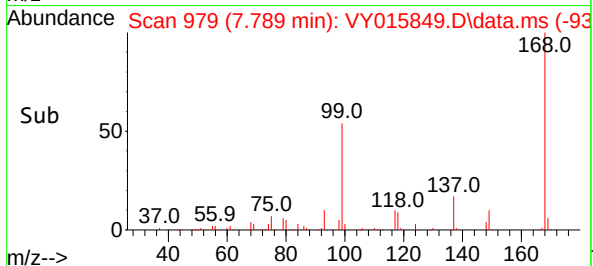
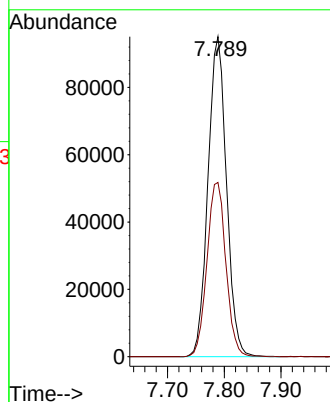
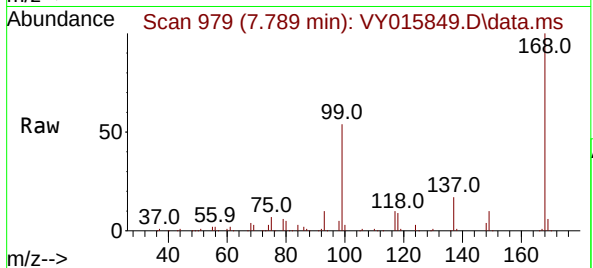




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015849.D
Acq: 05 Oct 2023 14:56

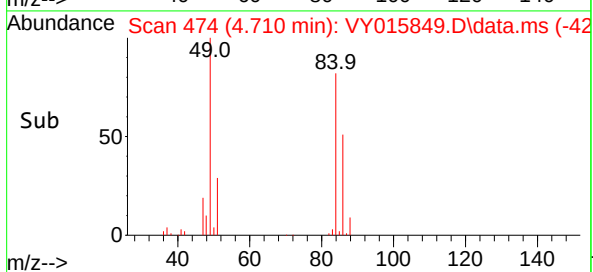
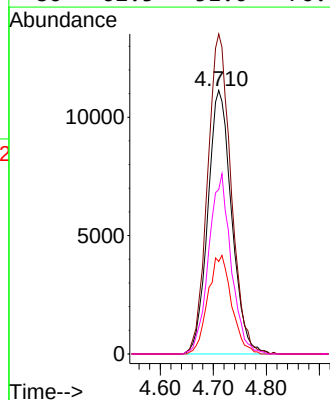
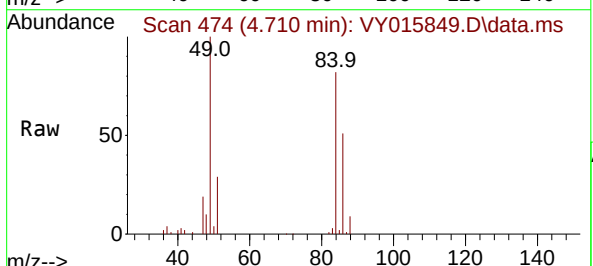
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

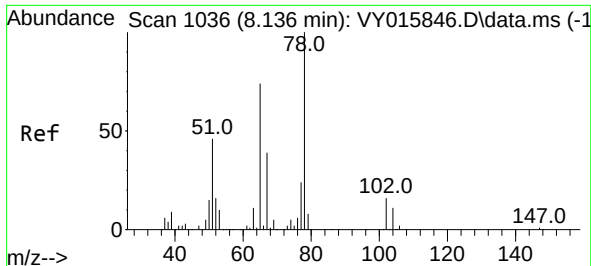
Tgt Ion:168 Resp: 215264
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#20
Methylene Chloride
Concen: 9.283 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015849.D
Acq: 05 Oct 2023 14:56

Tgt Ion: 84 Resp: 34703
Ion Ratio Lower Upper
84 100
49 121.5 106.9 160.3
51 35.1 33.2 49.8
86 62.5 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 64.534 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015849.D

Acq: 05 Oct 2023 14:56

Instrument :

MSVOA_Y

ClientSampleId :

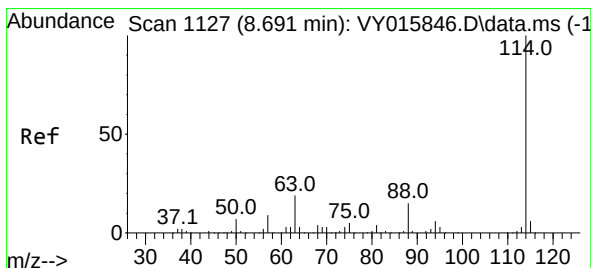
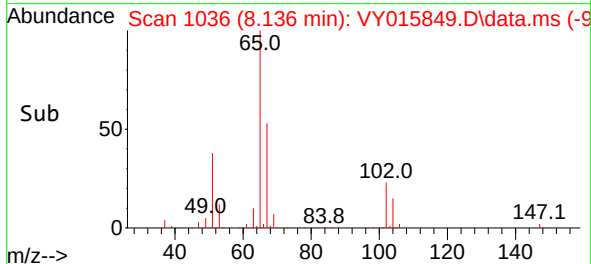
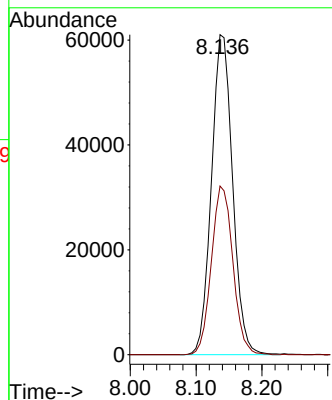
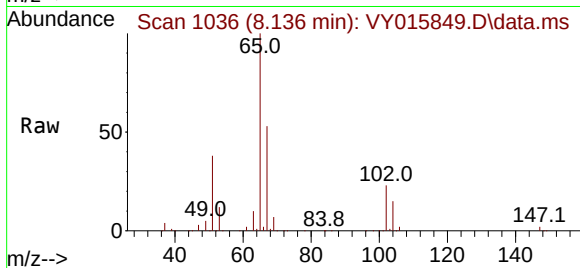
VIBLK

Tgt Ion: 65 Resp: 136674

Ion Ratio Lower Upper

65 100

67 53.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY015849.D

Acq: 05 Oct 2023 14:56

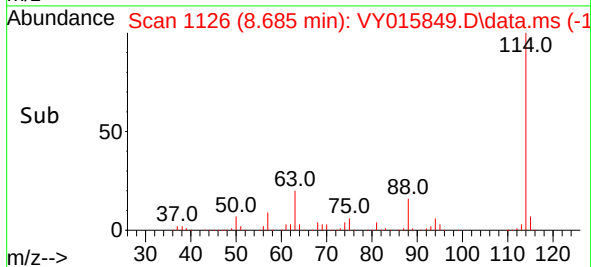
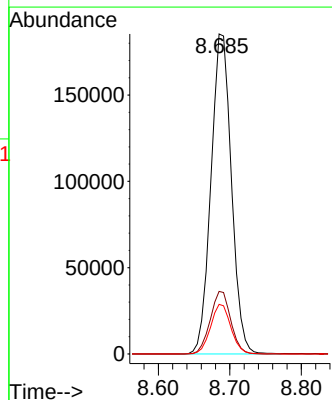
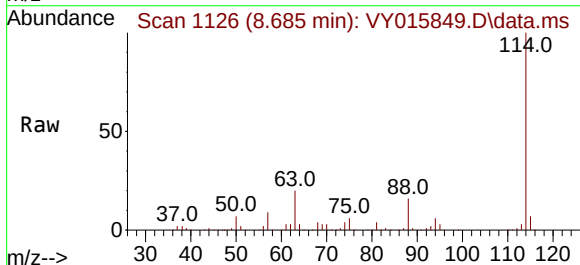
Tgt Ion: 114 Resp: 367998

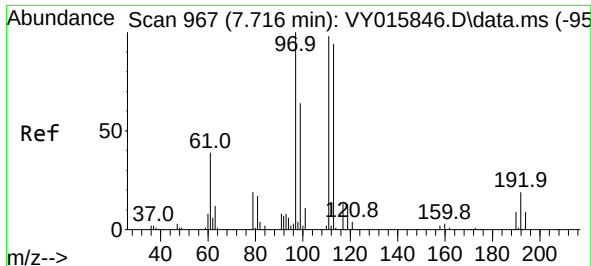
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 15.5 0.0 30.6

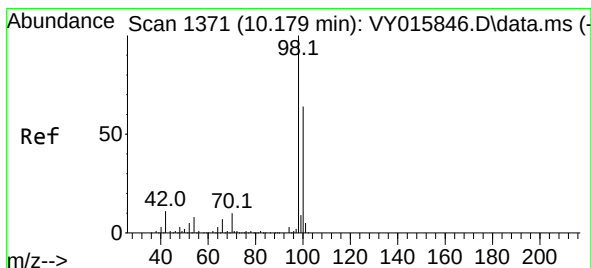
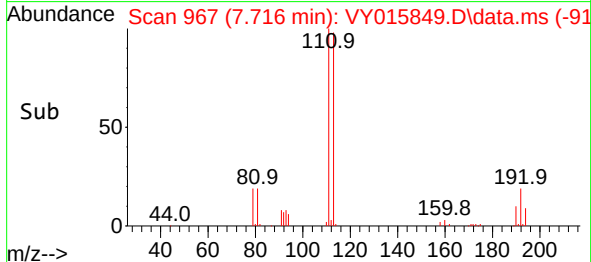
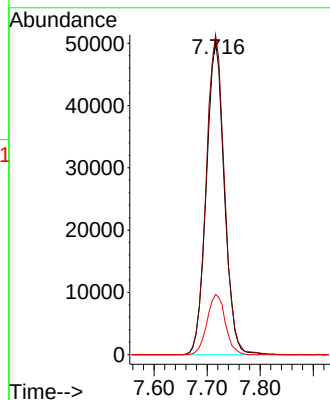
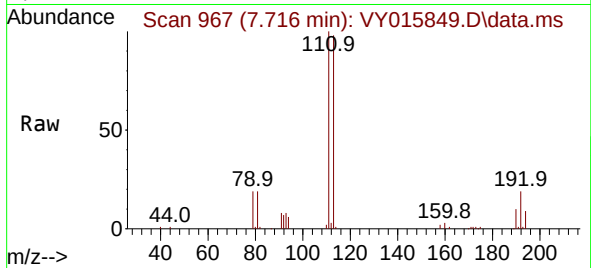




#35
Dibromofluoromethane
Concen: 56.471 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015849.D
Acq: 05 Oct 2023 14:56

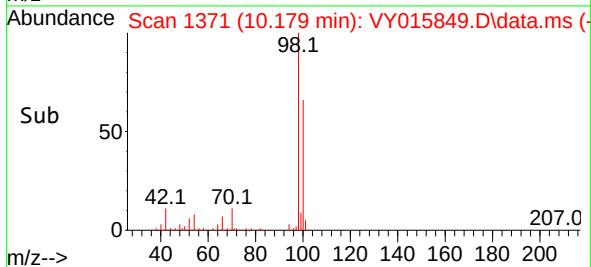
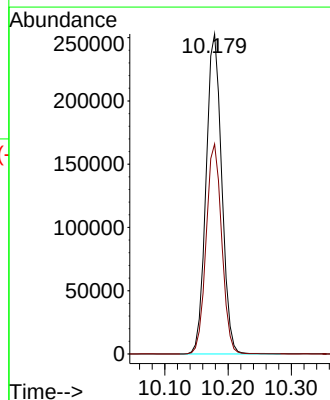
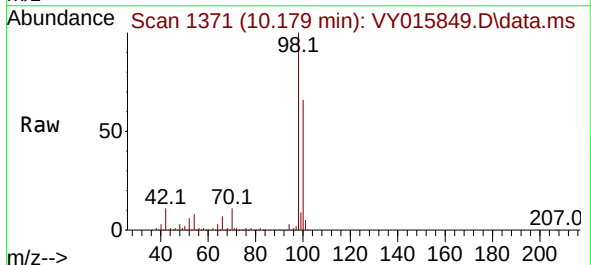
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

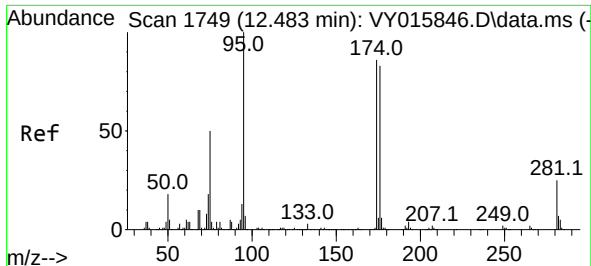
Tgt Ion:113 Resp: 118453
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 19.4 16.9 25.3



#50
Toluene-d8
Concen: 63.833 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015849.D
Acq: 05 Oct 2023 14:56

Tgt Ion: 98 Resp: 434724
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

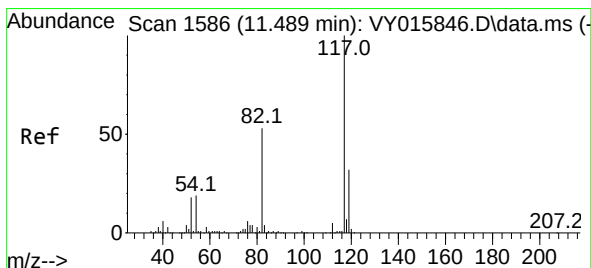
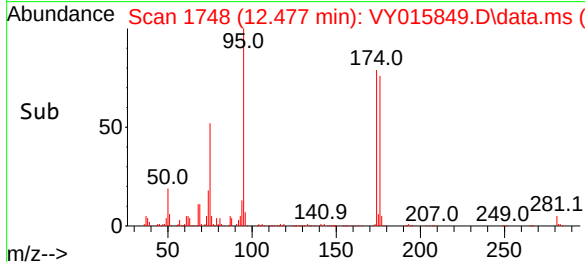
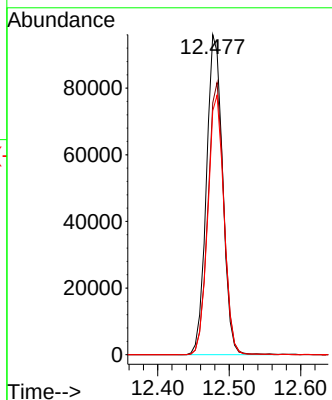
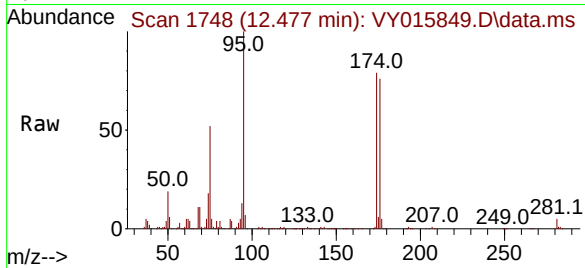




#62
4-Bromofluorobenzene
Concen: 54.249 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY015849.D
Acq: 05 Oct 2023 14:56

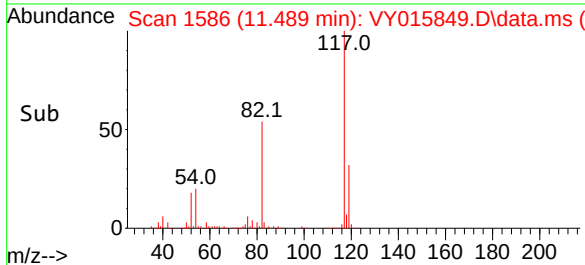
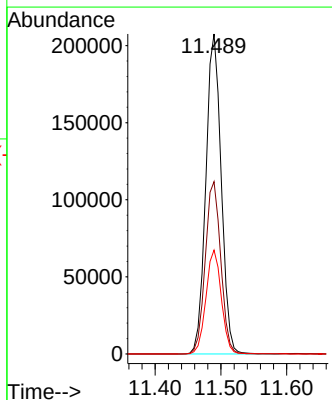
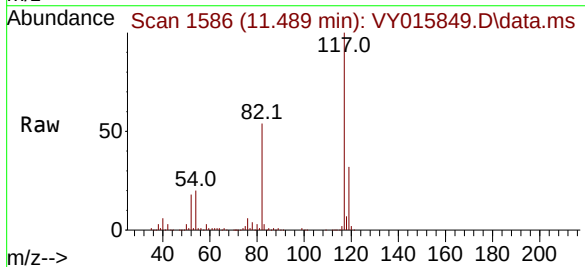
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

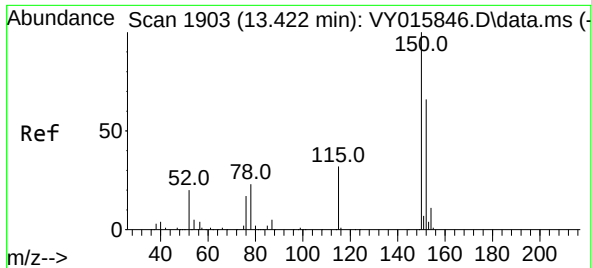
Tgt Ion: 95 Resp: 151016
Ion Ratio Lower Upper
95 100
174 83.9 0.0 178.2
176 80.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015849.D
Acq: 05 Oct 2023 14:56

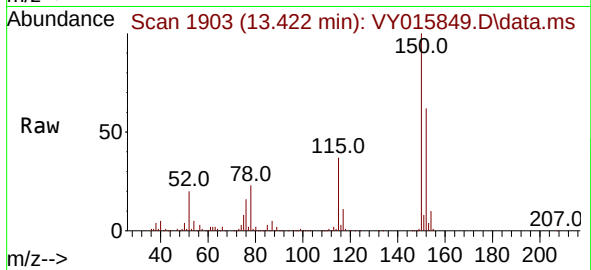
Tgt Ion: 117 Resp: 337277
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.0
119 32.4 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015849.D
 Acq: 05 Oct 2023 14:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK



Tgt Ion:	152	Resp:	156171
Ion	Ratio	Lower	Upper
152	100		
115	58.9	28.8	86.5
150	156.6	0.0	348.8

