

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060123\
 Data File : VY013962.D
 Acq On : 01 Jun 2023 13:38
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jun 02 07:04:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

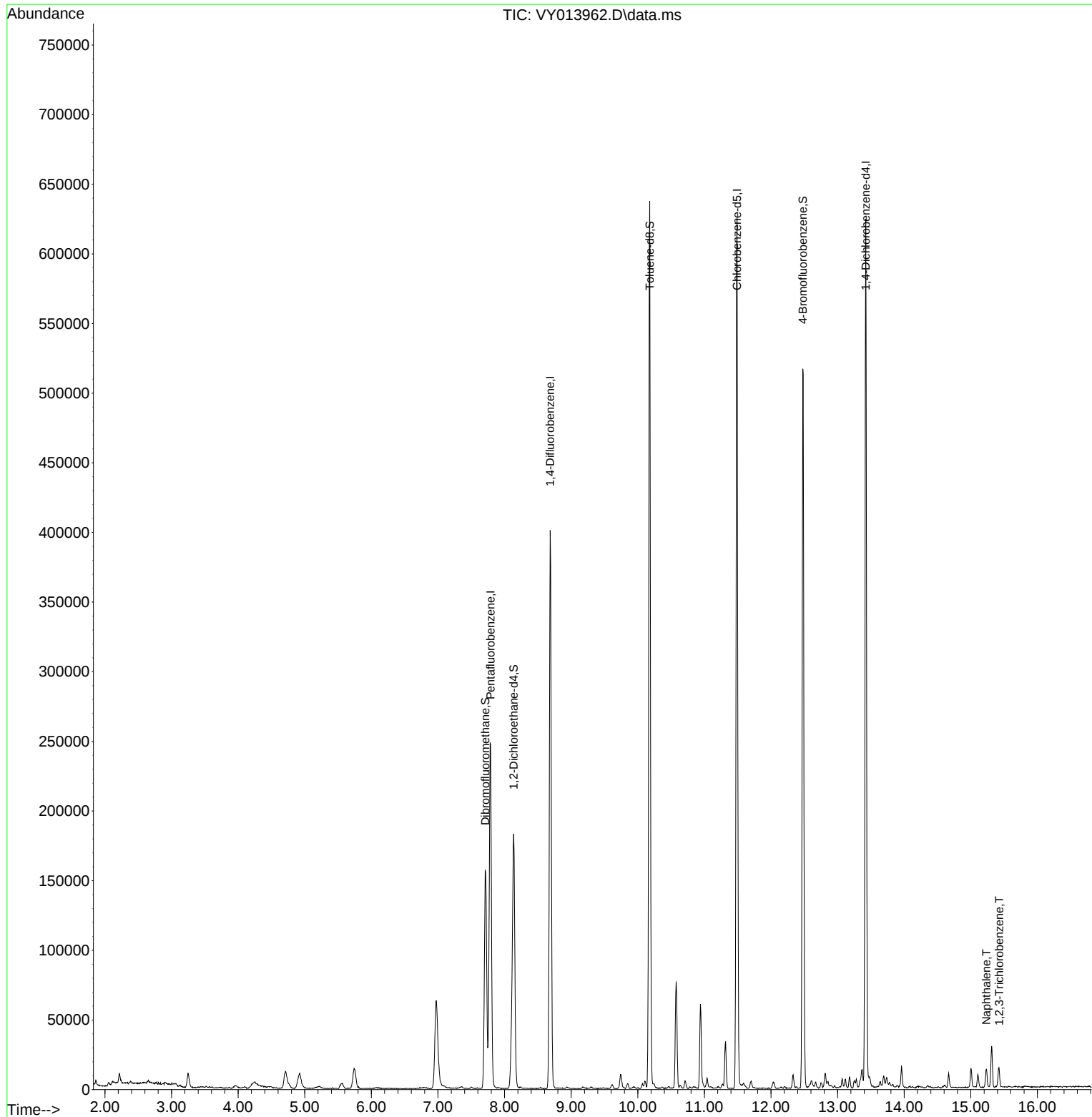
Internal Standards						
1) Pentafluorobenzene	7.789	168	192669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	333037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	328829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	155698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	135560	53.151	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.300%	
35) Dibromofluoromethane	7.710	113	109507	51.740	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.480%	
50) Toluene-d8	10.179	98	404853	50.148	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.300%	
62) 4-Bromofluorobenzene	12.477	95	139874	50.821	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.640%	
Target Compounds						
						Qvalue
95) Naphthalene	15.233	128	11660	5.361	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	4692	1.724	ug/l	94

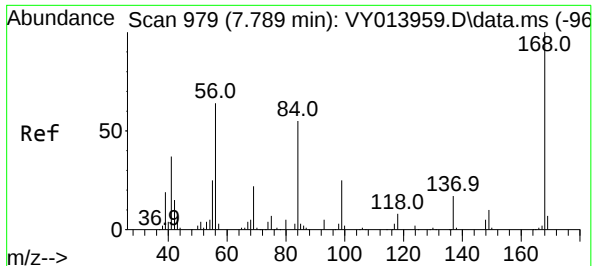
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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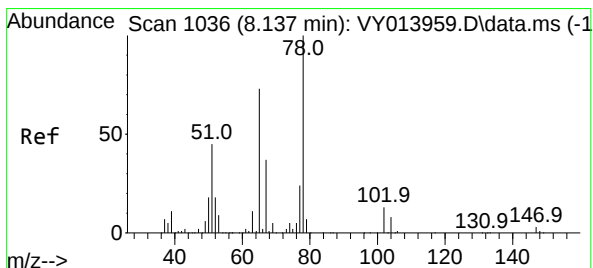
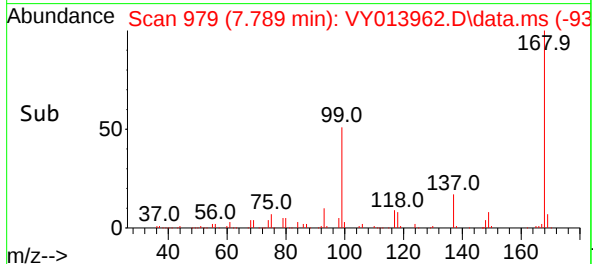
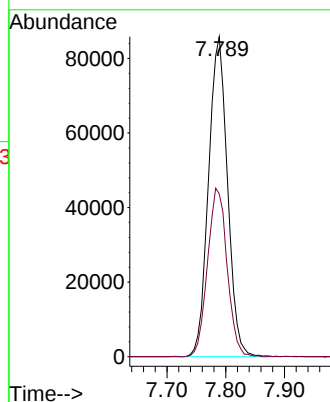
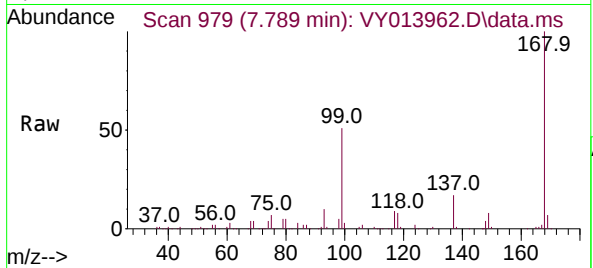




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013962.D
Acq: 01 Jun 2023 13:38

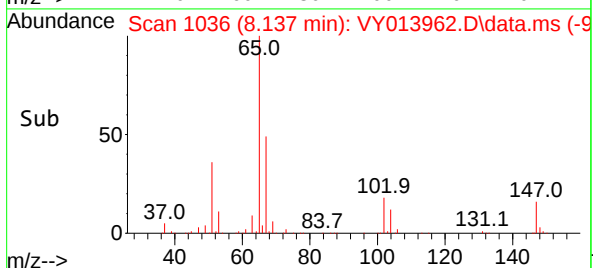
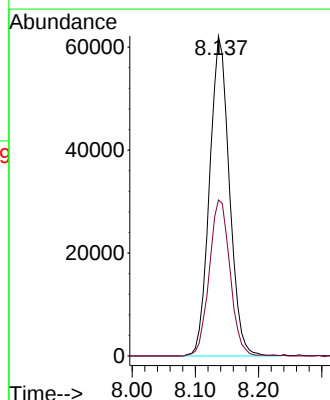
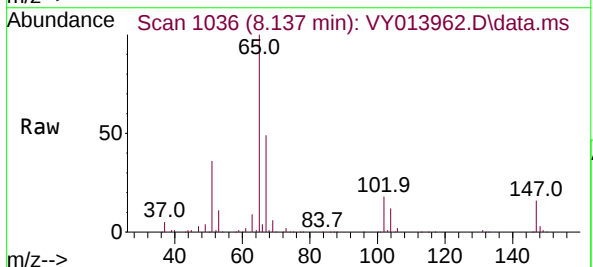
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

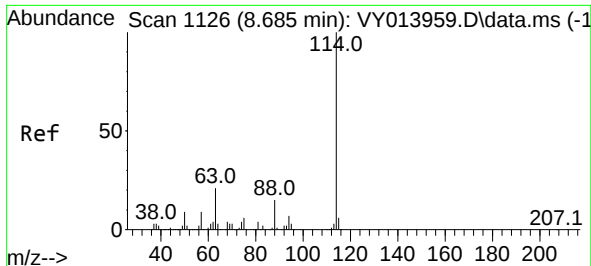
Tgt Ion:168 Resp: 192669
Ion Ratio Lower Upper
168 100
99 50.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 53.151 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013962.D
Acq: 01 Jun 2023 13:38

Tgt Ion: 65 Resp: 135560
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.8

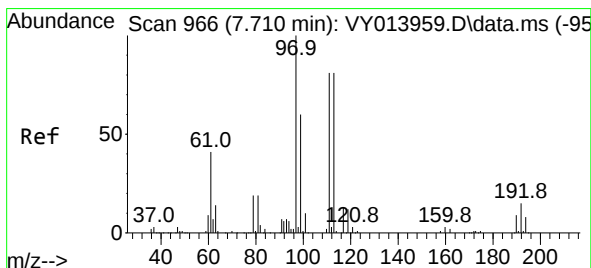
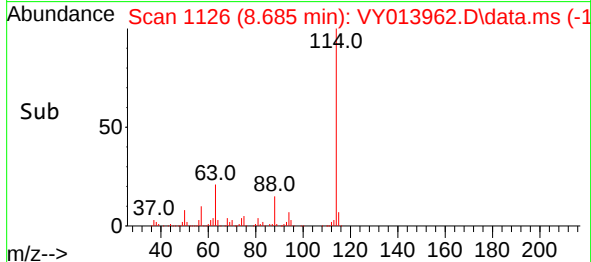
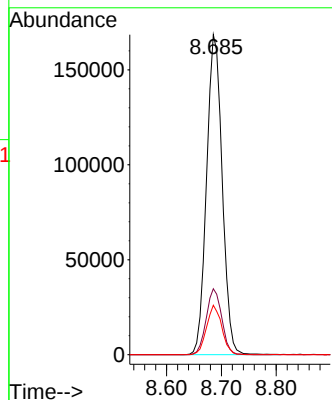
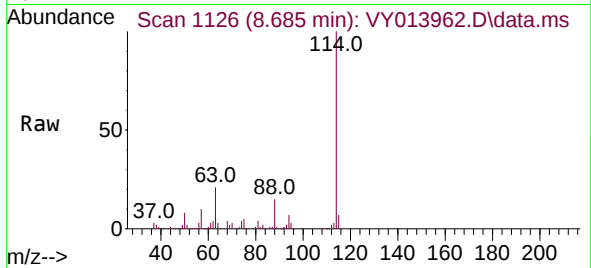




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY013962.D
Acq: 01 Jun 2023 13:38

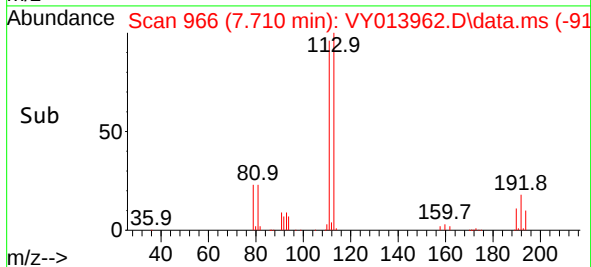
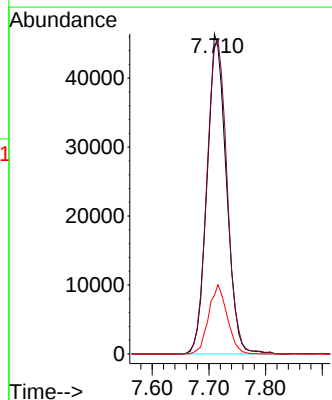
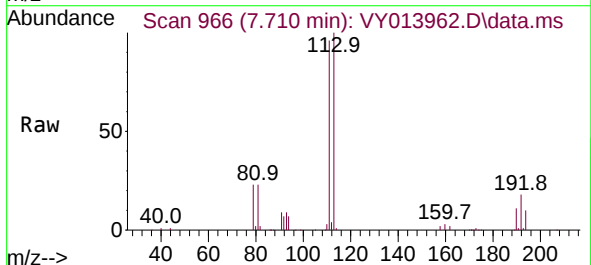
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

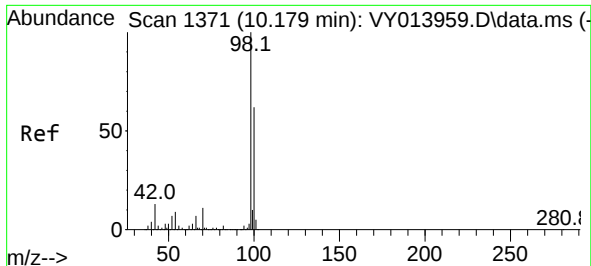
Tgt Ion:	114	Resp:	333037
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	42.4
88	15.4	0.0	30.6



#35
Dibromofluoromethane
Concen: 51.740 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY013962.D
Acq: 01 Jun 2023 13:38

Tgt Ion:	113	Resp:	109507
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.3	121.9
192	20.8	16.9	25.3

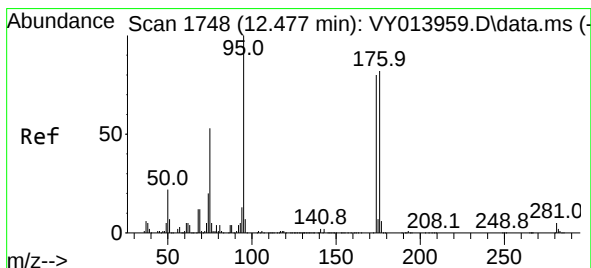
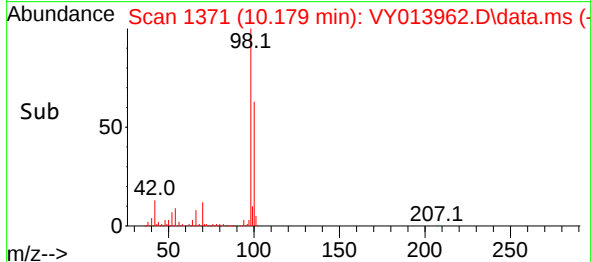
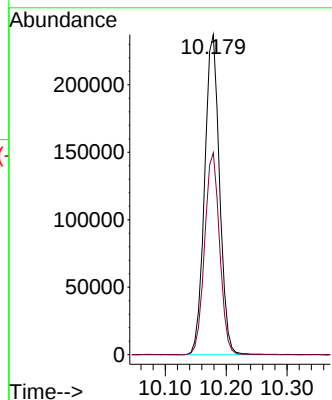
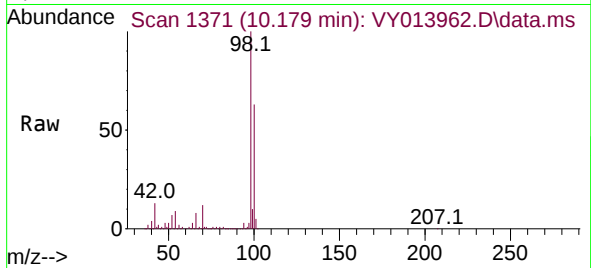




#50
Toluene-d8
Concen: 50.148 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY013962.D
Acq: 01 Jun 2023 13:38

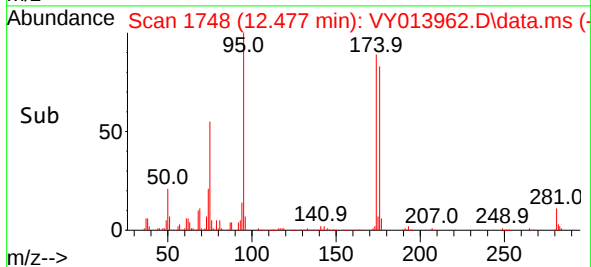
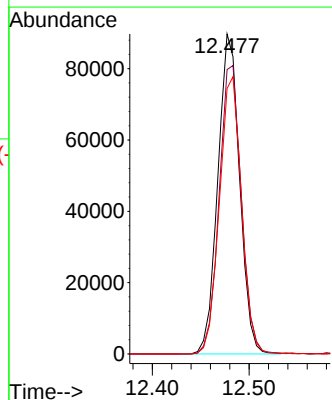
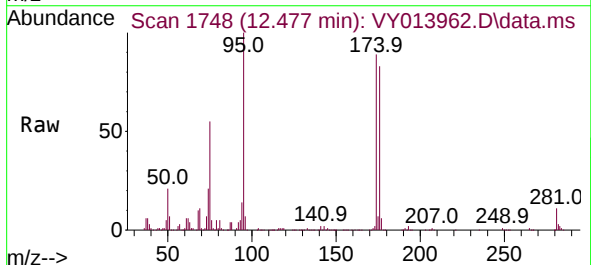
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

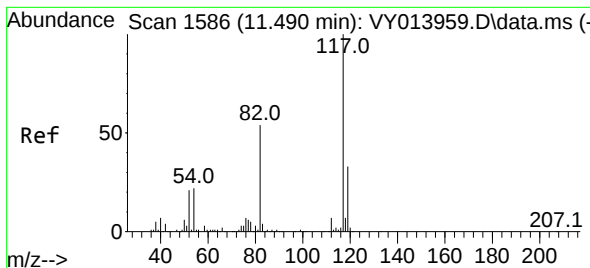
Tgt Ion: 98 Resp: 404853
Ion Ratio Lower Upper
98 100
100 63.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.821 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013962.D
Acq: 01 Jun 2023 13:38

Tgt Ion: 95 Resp: 139874
Ion Ratio Lower Upper
95 100
174 92.2 0.0 178.2
176 88.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013962.D

Acq: 01 Jun 2023 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

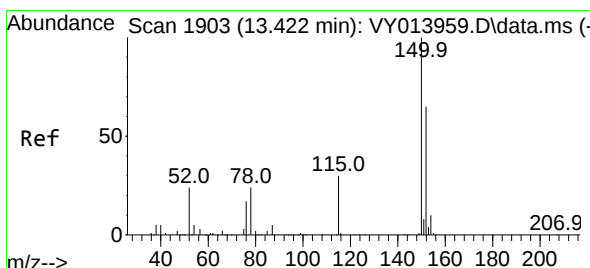
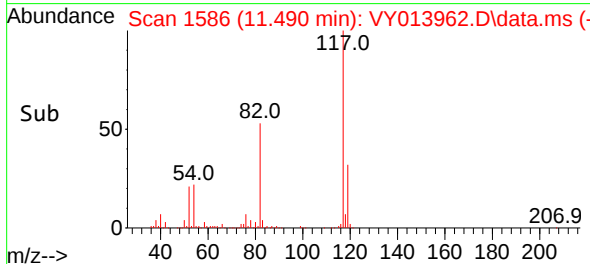
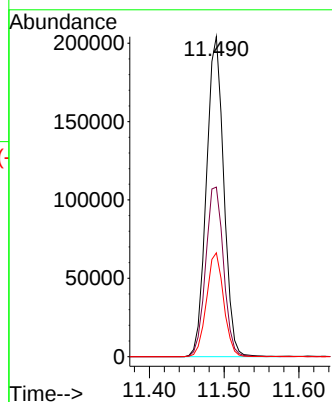
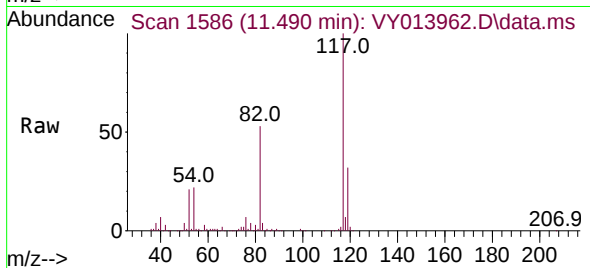
Tgt Ion:117 Resp: 328829

Ion Ratio Lower Upper

117 100

82 53.0 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: VY013962.D

Acq: 01 Jun 2023 13:38

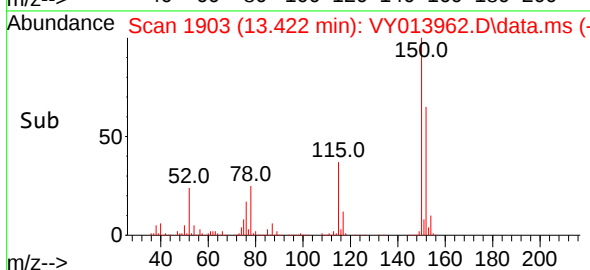
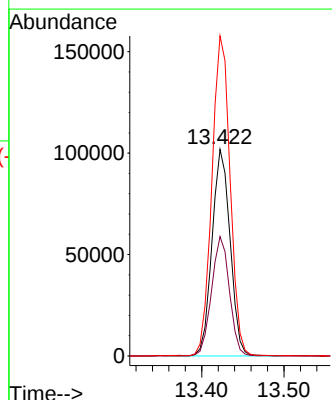
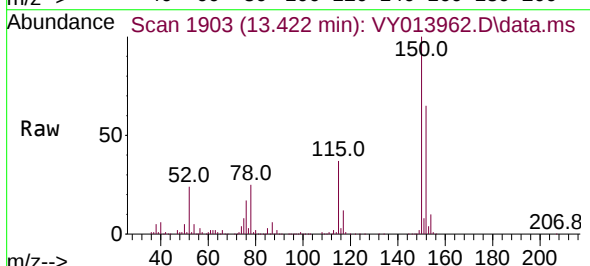
Tgt Ion:152 Resp: 155698

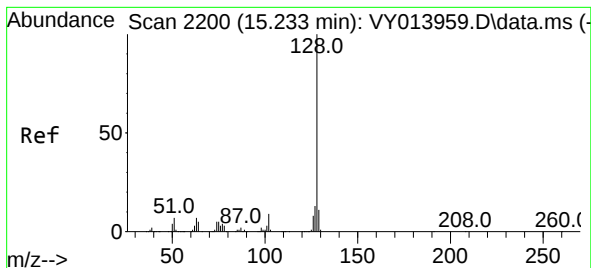
Ion Ratio Lower Upper

152 100

115 56.6 28.8 86.5

150 155.7 0.0 348.8





#95

Naphthalene

Concen: 5.361 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY013962.D

Acq: 01 Jun 2023 13:38

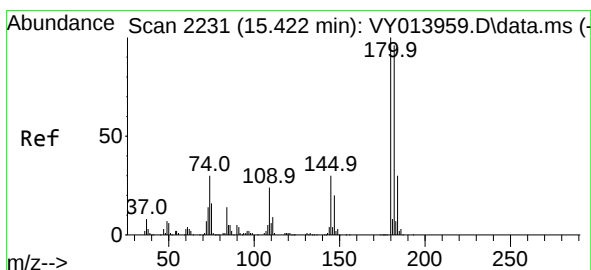
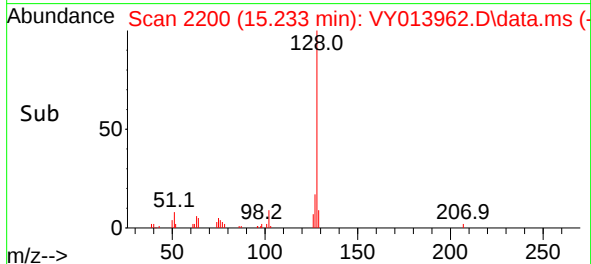
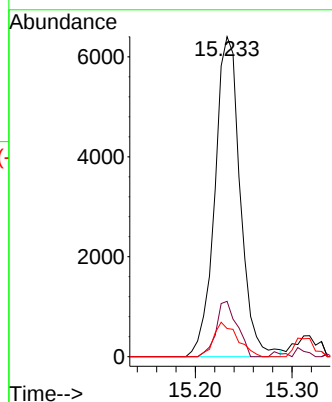
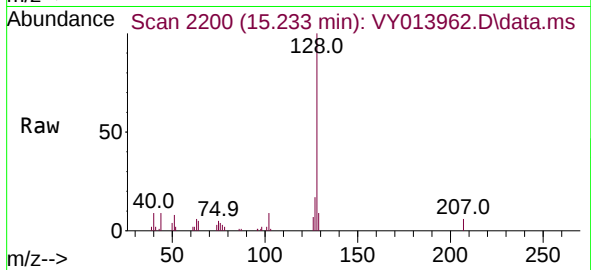
Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

Tgt Ion:	128	Resp:	11660
Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.8	16.2
129	10.1	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 1.724 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY013962.D

Acq: 01 Jun 2023 13:38

Tgt Ion:	180	Resp:	4692
Ion	Ratio	Lower	Upper
180	100		
182	101.0	47.3	141.8
145	31.8	15.4	46.2

