

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
 Data File : VY013235.D
 Acq On : 10 Apr 2023 18:55
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Apr 11 06:43:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 06:41:51 2023
 Response via : Initial Calibration

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

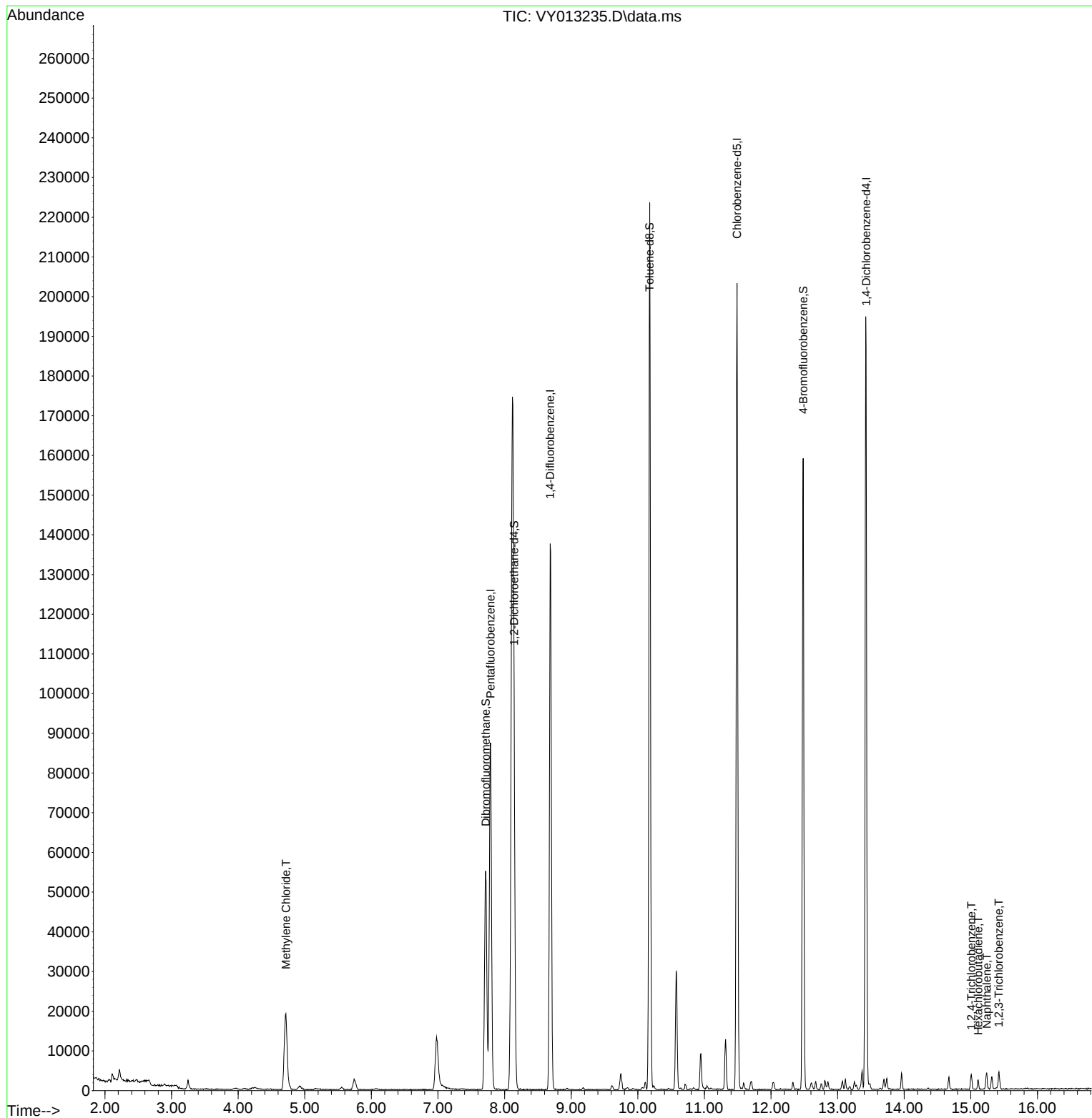
Internal Standards						
1) Pentafluorobenzene	7.789	168	67887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	113228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	104487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	48304	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	47789	62.859	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.720%
35) Dibromofluoromethane	7.716	113	37859	55.694	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.380%
50) Toluene-d8	10.179	98	135860	57.049	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.100%
62) 4-Bromofluorobenzene	12.483	95	42525	50.628	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.260%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	13649	11.621	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	1466	1.741	ug/l	100
94) Hexachlorobutadiene	15.111	225	511	1.024	ug/l	91
95) Naphthalene	15.239	128	3586	1.911	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	1558	1.996	ug/l	96

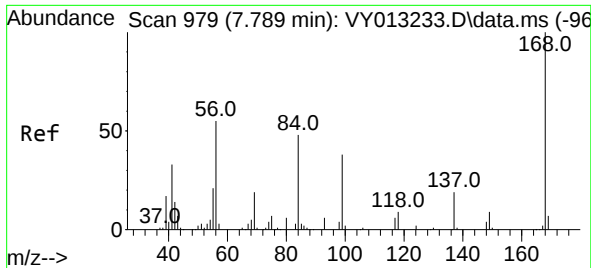
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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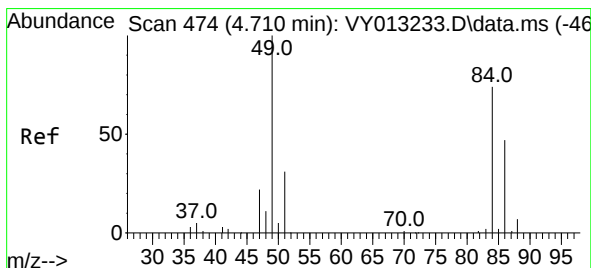
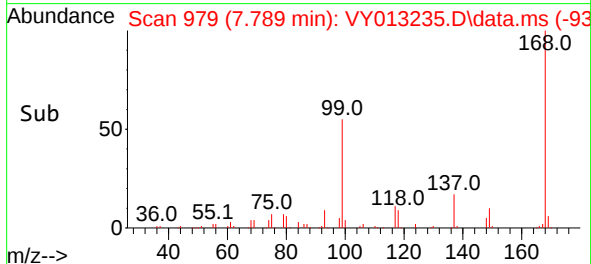
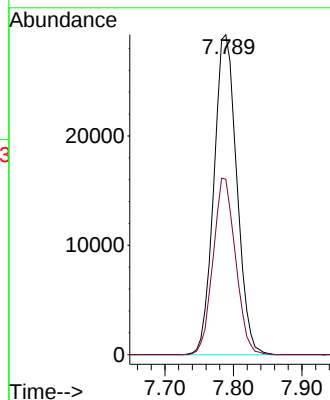
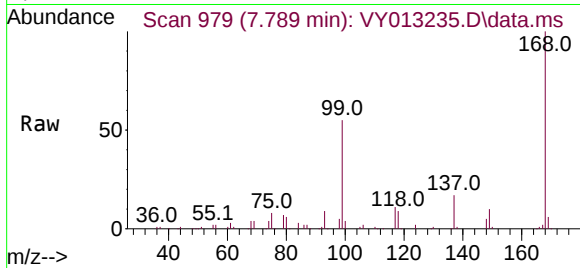




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013235.D
Acq: 10 Apr 2023 18:55

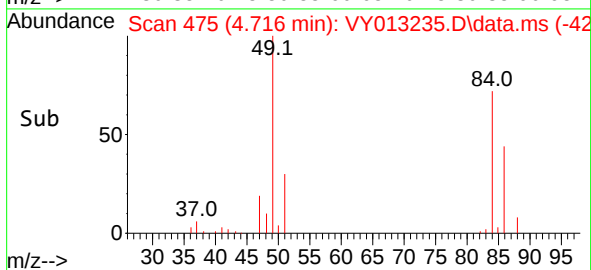
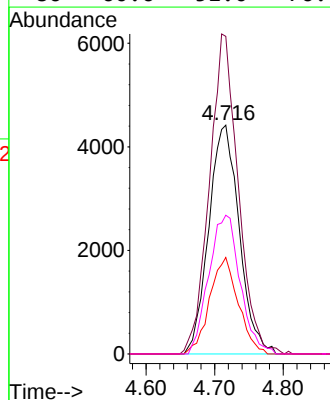
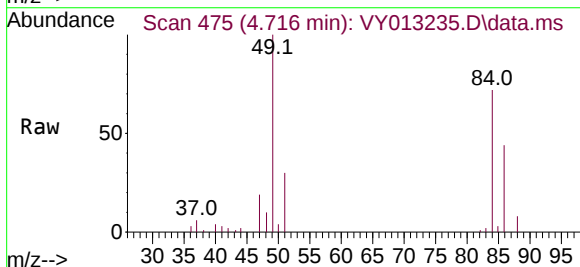
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

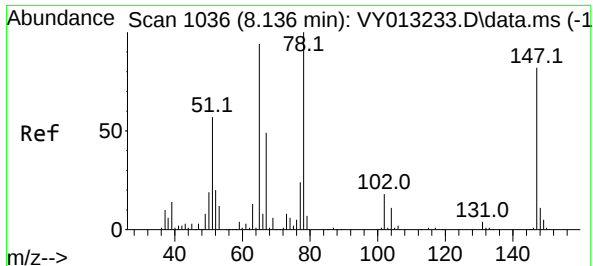
Tgt Ion:168 Resp: 67887
Ion Ratio Lower Upper
168 100
99 54.8 41.7 62.5



#20
Methylene Chloride
Concen: 11.621 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY013235.D
Acq: 10 Apr 2023 18:55

Tgt Ion: 84 Resp: 13649
Ion Ratio Lower Upper
84 100
49 138.9 102.6 154.0
51 42.2 31.9 47.9
86 60.6 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 62.859 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY013235.D

Acq: 10 Apr 2023 18:55

Instrument :

MSVOA_Y

ClientSampleId :

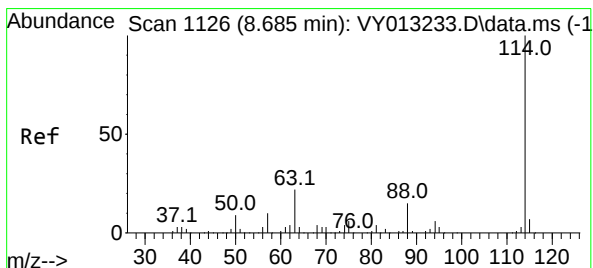
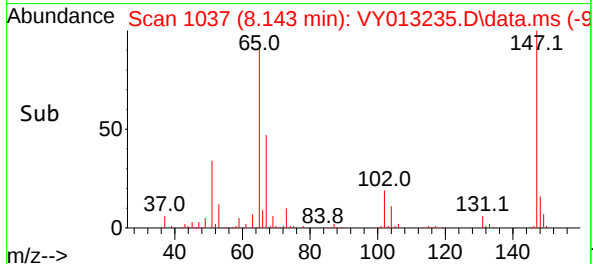
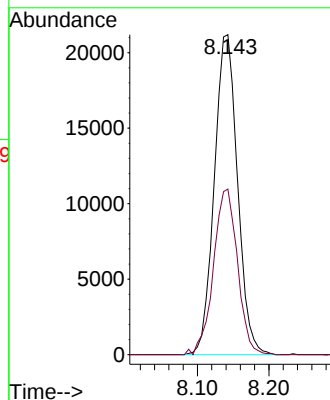
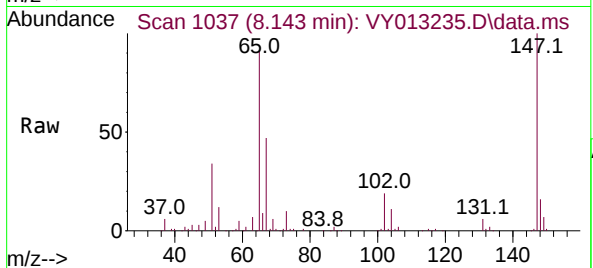
VIBLK

Tgt Ion: 65 Resp: 47789

Ion Ratio Lower Upper

65 100

67 53.6 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY013235.D

Acq: 10 Apr 2023 18:55

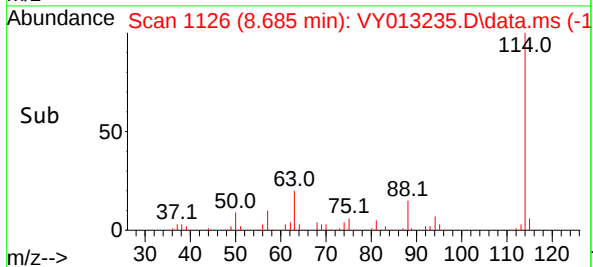
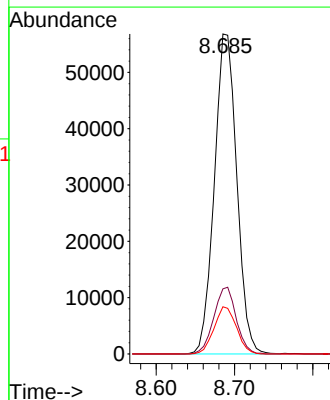
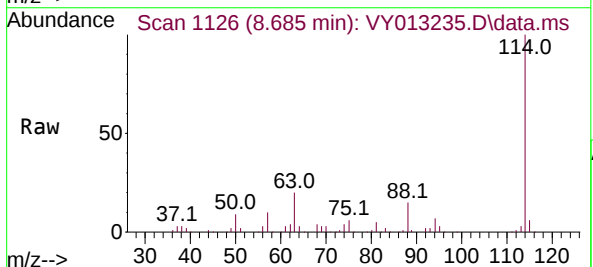
Tgt Ion: 114 Resp: 113228

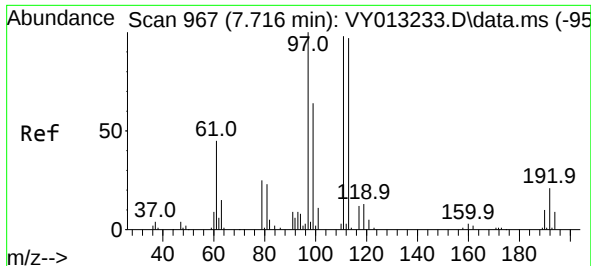
Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

88 14.7 0.0 28.6

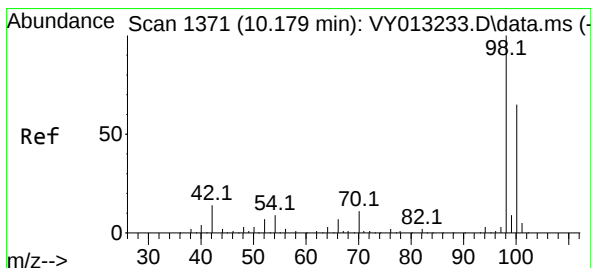
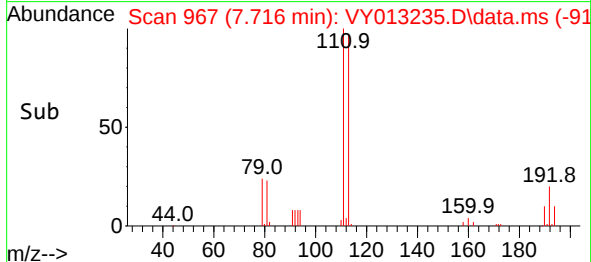
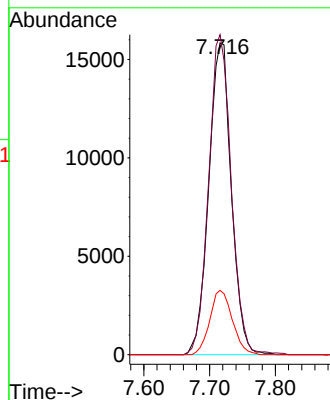
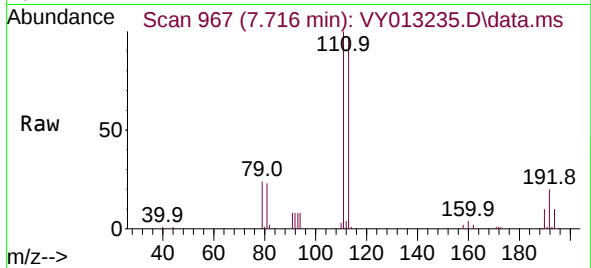




#35
Dibromofluoromethane
Concen: 55.694 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013235.D
Acq: 10 Apr 2023 18:55

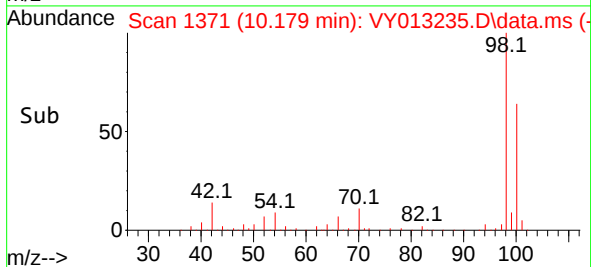
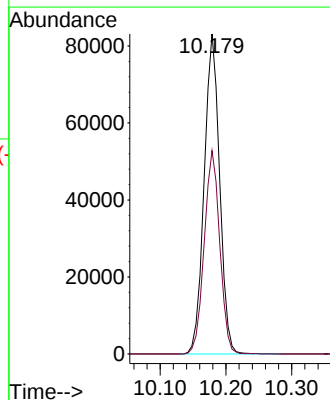
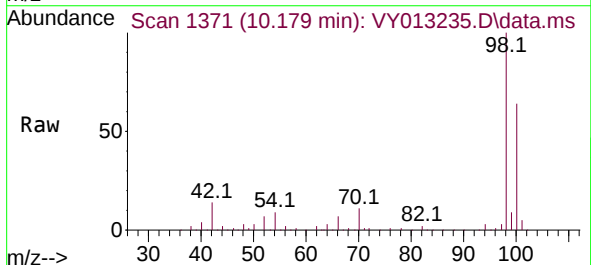
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

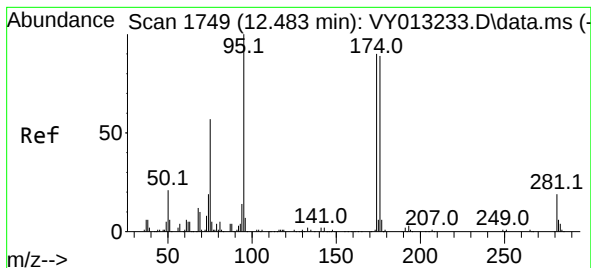
Tgt Ion:	113	Resp:	37859
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.2	123.2
192	20.6	16.8	25.2



#50
Toluene-d8
Concen: 57.049 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013235.D
Acq: 10 Apr 2023 18:55

Tgt Ion:	98	Resp:	135860
Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.9	76.3

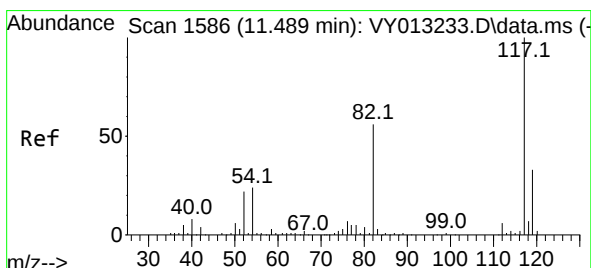
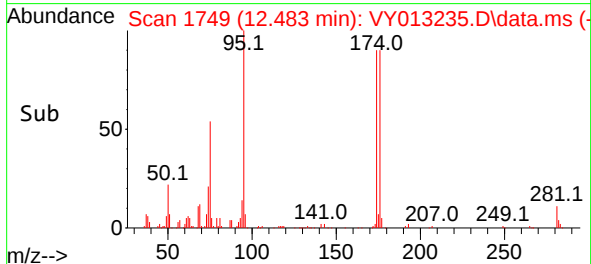
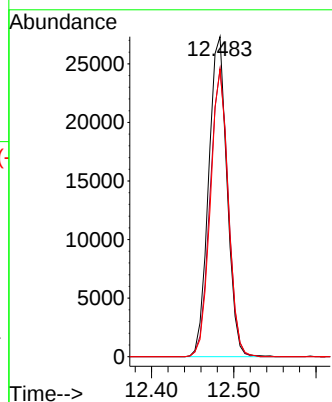
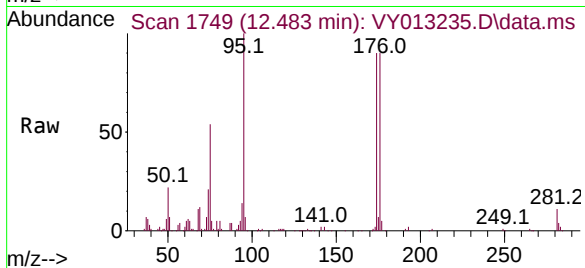




#62
4-Bromofluorobenzene
Concen: 50.628 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013235.D
Acq: 10 Apr 2023 18:55

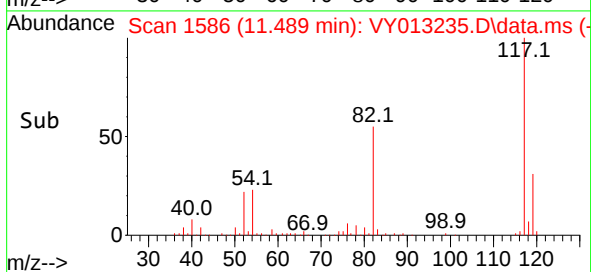
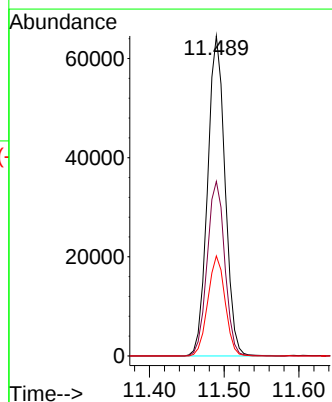
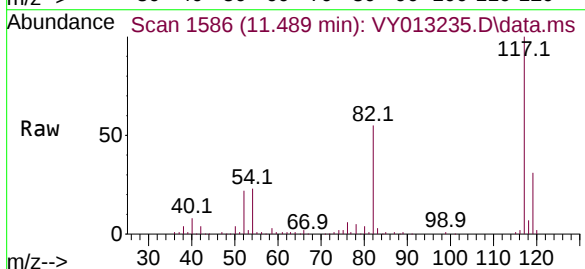
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

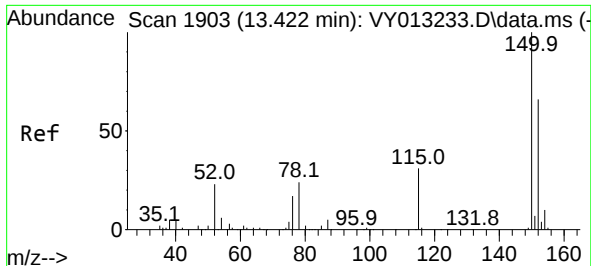
Tgt Ion: 95 Resp: 42525
Ion Ratio Lower Upper
95 100
174 89.0 0.0 176.6
176 87.1 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013235.D
Acq: 10 Apr 2023 18:55

Tgt Ion: 117 Resp: 104487
Ion Ratio Lower Upper
117 100
82 54.6 45.4 68.0
119 31.3 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY013235.D

Acq: 10 Apr 2023 18:55

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

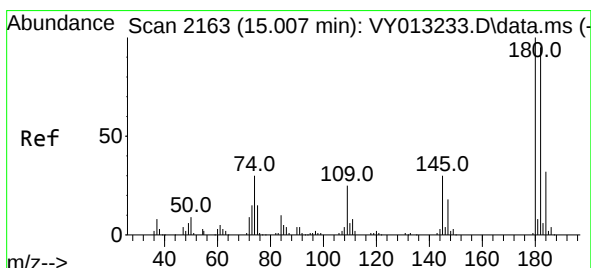
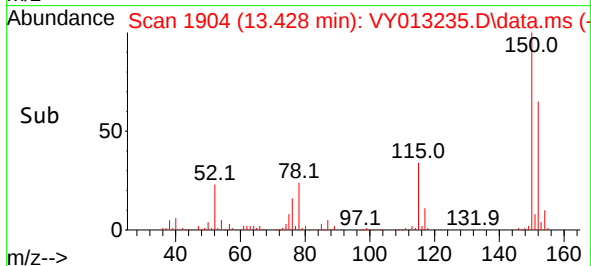
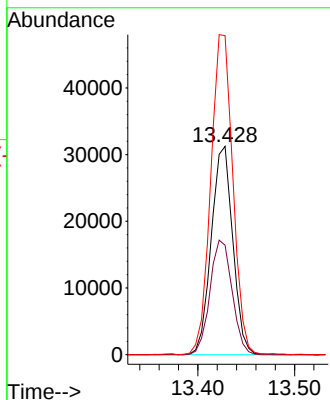
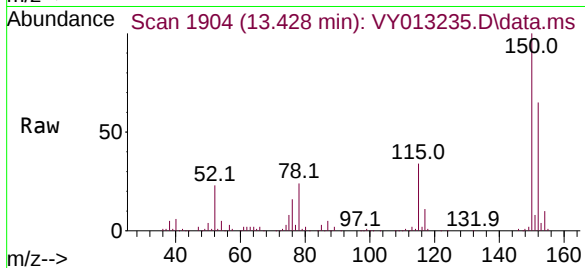
Tgt Ion:152 Resp: 48304

Ion Ratio Lower Upper

152 100

115 56.6 27.1 81.3

150 157.4 0.0 347.8



#93

1,2,4-Trichlorobenzene

Concen: 1.741 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY013235.D

Acq: 10 Apr 2023 18:55

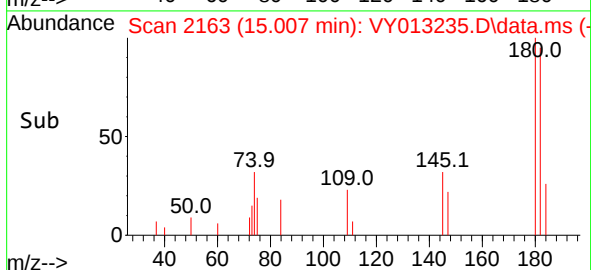
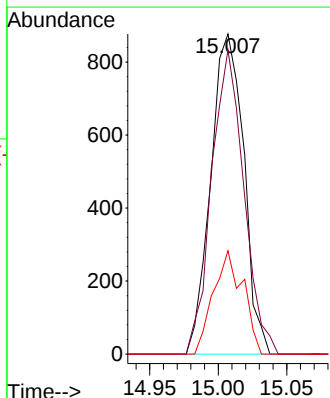
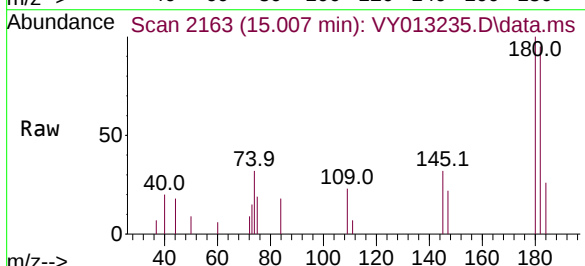
Tgt Ion:180 Resp: 1466

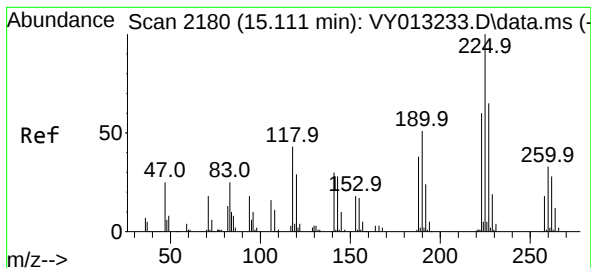
Ion Ratio Lower Upper

180 100

182 93.0 46.7 140.1

145 29.0 14.6 43.8





#94

Hexachlorobutadiene

Concen: 1.024 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013235.D

Acq: 10 Apr 2023 18:55

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

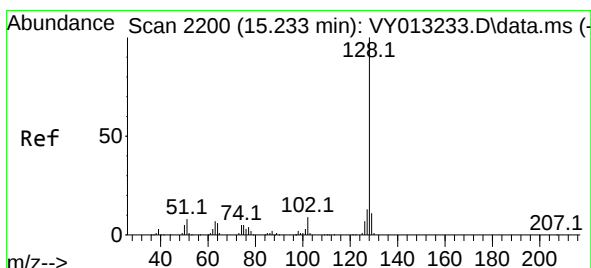
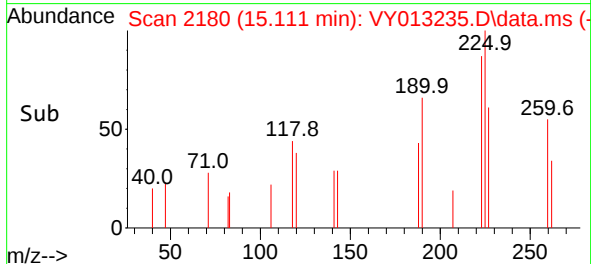
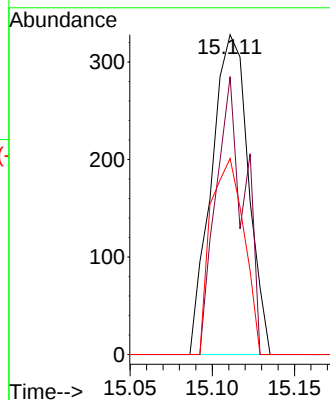
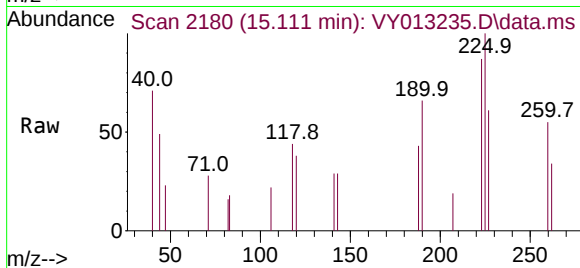
Tgt Ion:225 Resp: 511

Ion Ratio Lower Upper

225 100

223 67.1 31.1 93.3

227 55.2 32.4 97.0



#95

Naphthalene

Concen: 1.911 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY013235.D

Acq: 10 Apr 2023 18:55

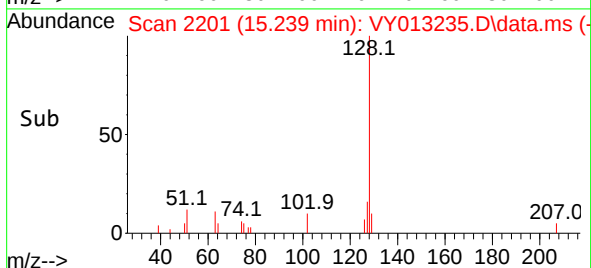
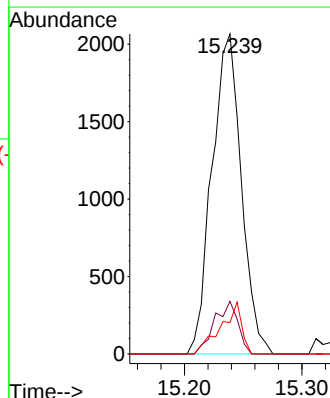
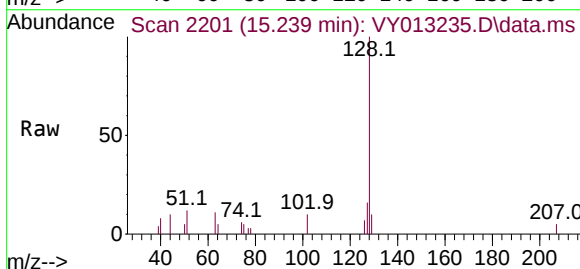
Tgt Ion:128 Resp: 3586

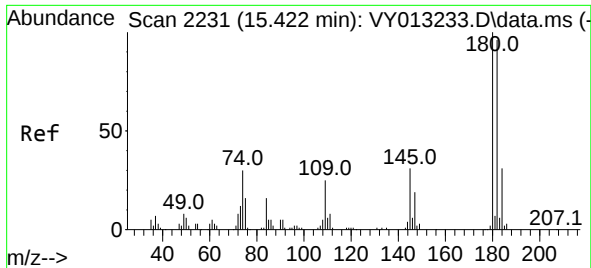
Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

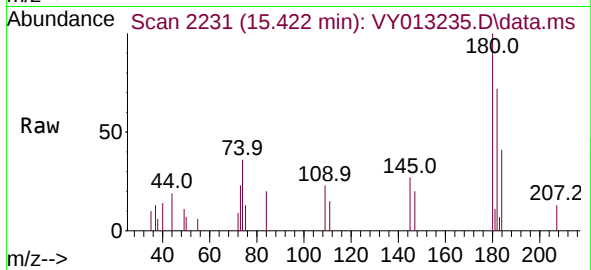
129 11.5 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 1.996 ug/l
 RT: 15.422 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY013235.D
 Acq: 10 Apr 2023 18:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK



Tgt Ion:	180	Resp:	1558
Ion	Ratio	Lower	Upper
180	100		
182	89.9	47.4	142.3
145	29.4	15.3	45.8

