

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041223\
 Data File : VY013265.D
 Acq On : 12 Apr 2023 13:05
 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: Apr 13 05:39:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:34:38 2023
 Response via : Initial Calibration

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

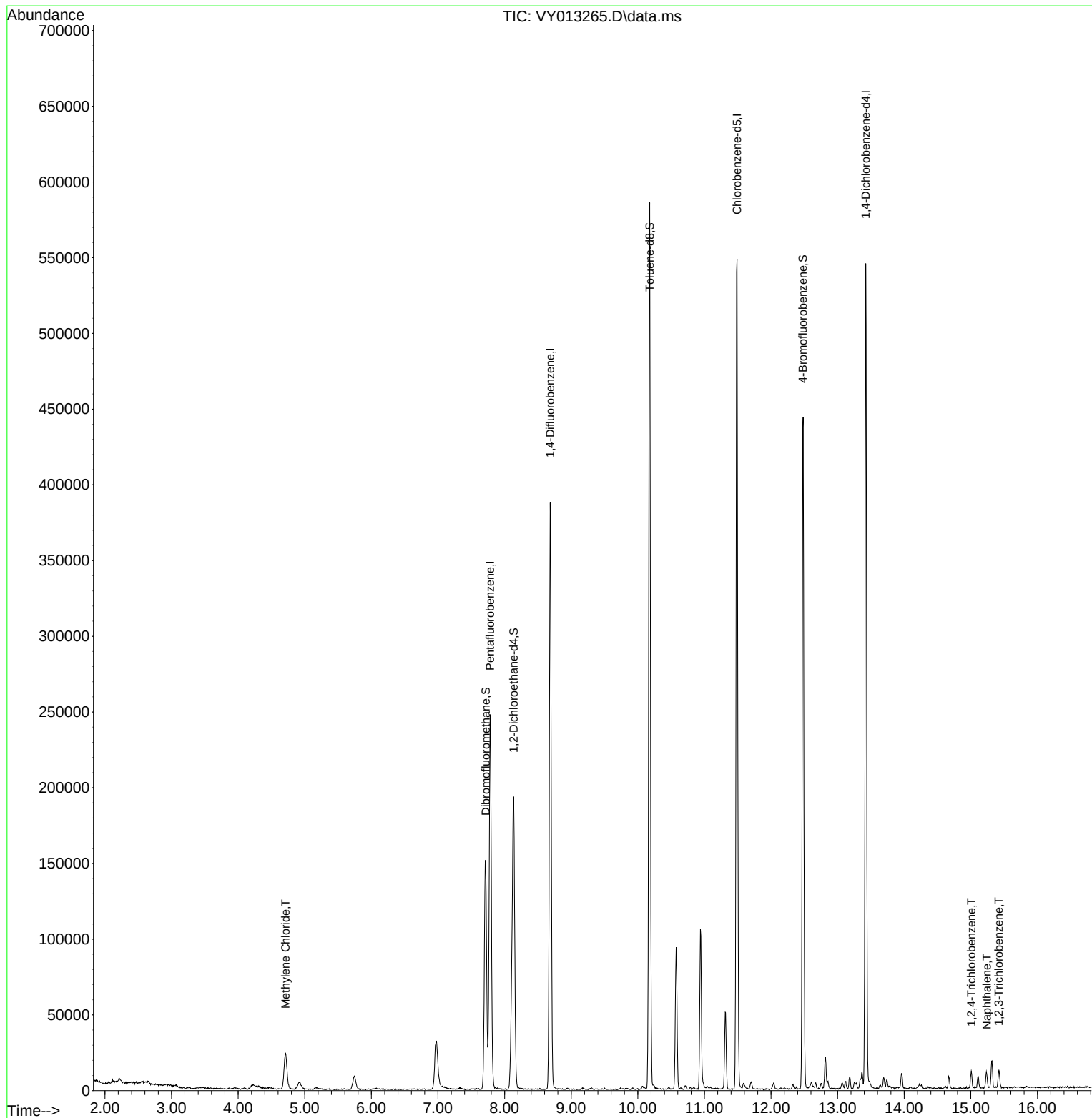
Internal Standards						
1) Pentafluorobenzene	7.783	168	185592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	312347	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	291849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	135663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	128408	57.572	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.140%	
35) Dibromofluoromethane	7.716	113	108051	53.435	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.860%	
50) Toluene-d8	10.179	98	379516	50.423	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.840%	
62) 4-Bromofluorobenzene	12.477	95	122264	49.995	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.000%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	17770	4.921	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	3395	1.399	ug/l	90
95) Naphthalene	15.239	128	8487	4.539	ug/l	96
96) 1,2,3-Trichlorobenzene	15.422	180	3446	1.559	ug/l	97

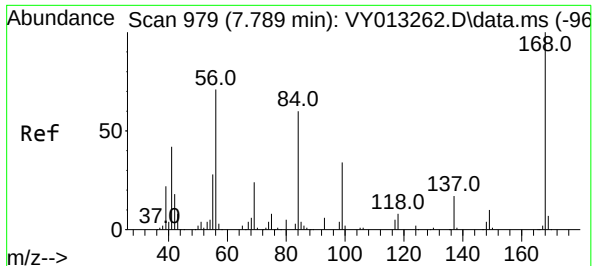
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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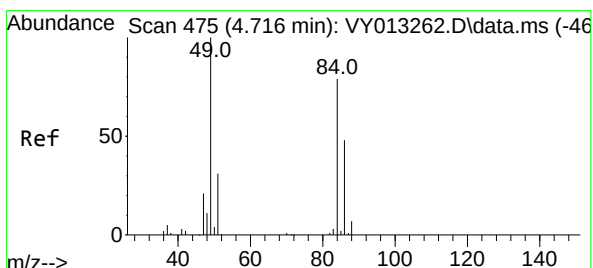
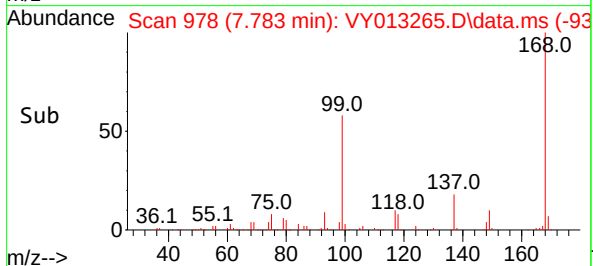
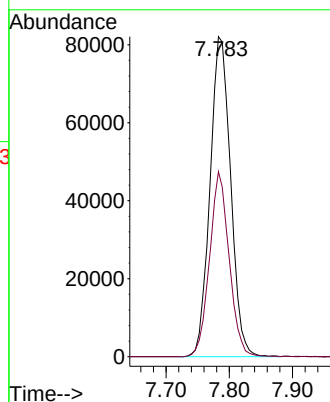
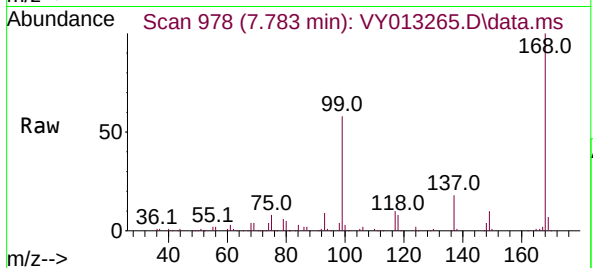




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013265.D
Acq: 12 Apr 2023 13:05

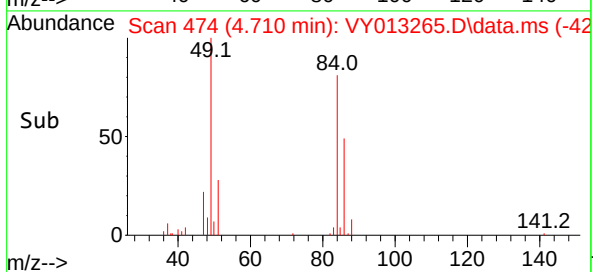
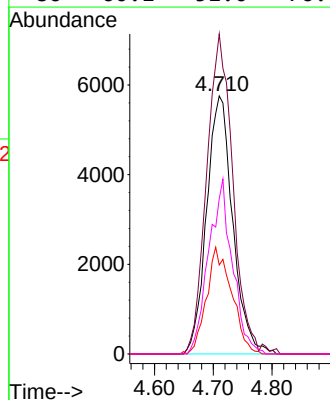
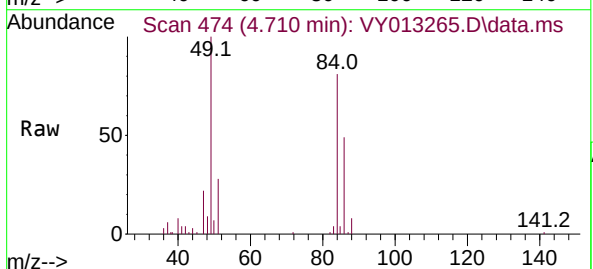
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

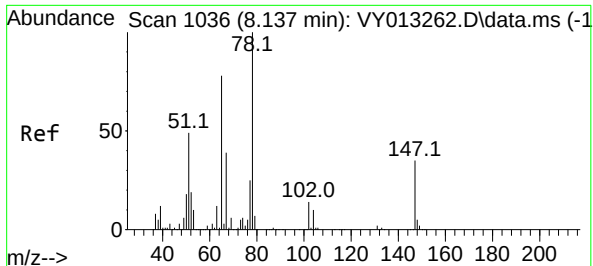
Tgt Ion:168 Resp: 185592
Ion Ratio Lower Upper
168 100
99 57.8 41.7 62.5



#20
Methylene Chloride
Concen: 4.921 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013265.D
Acq: 12 Apr 2023 13:05

Tgt Ion: 84 Resp: 17770
Ion Ratio Lower Upper
84 100
49 124.0 102.6 154.0
51 34.5 31.9 47.9
86 60.1 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 57.572 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY013265.D

Acq: 12 Apr 2023 13:05

Instrument :

MSVOA_Y

ClientSampleId :

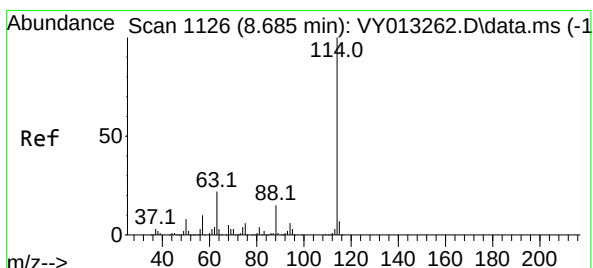
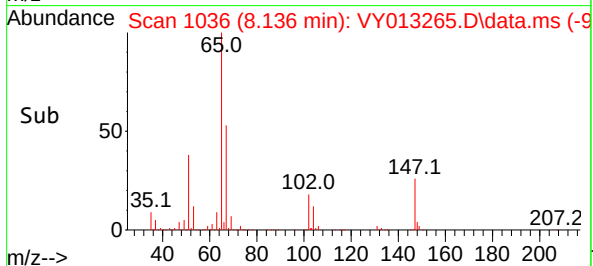
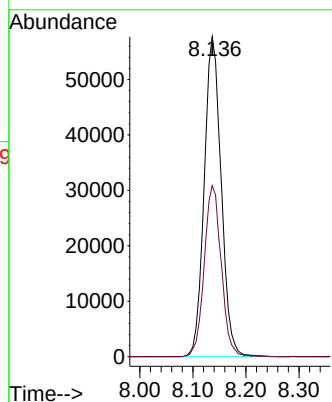
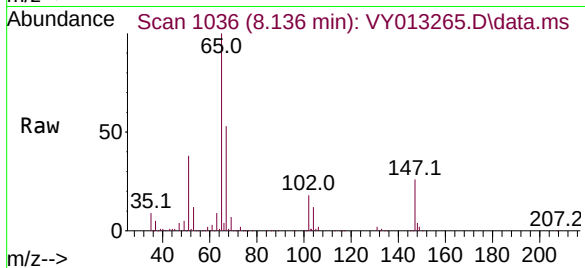
VIBLK

Tgt Ion: 65 Resp: 128408

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: VY013265.D

Acq: 12 Apr 2023 13:05

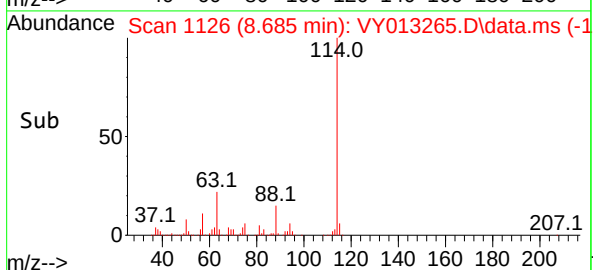
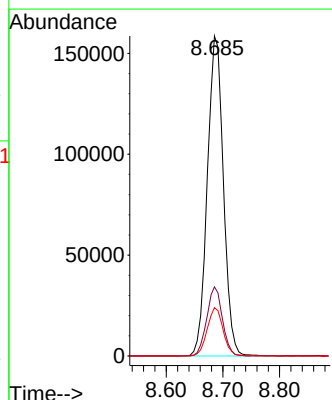
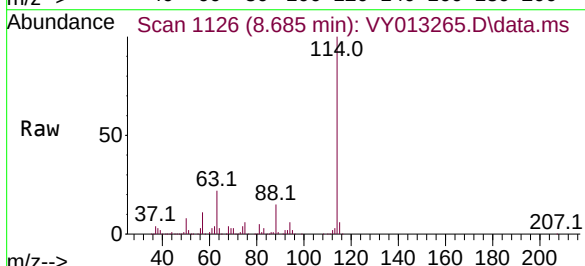
Tgt Ion: 114 Resp: 312347

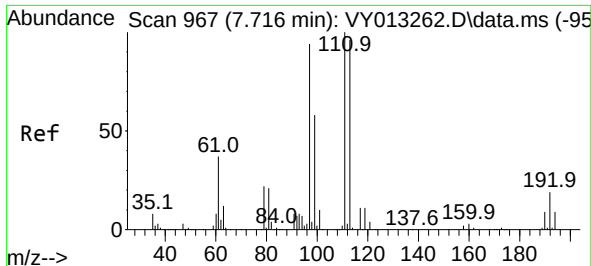
Ion Ratio Lower Upper

114 100

63 21.6 0.0 37.4

88 15.1 0.0 28.6

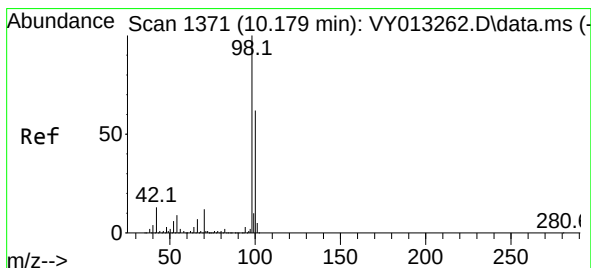
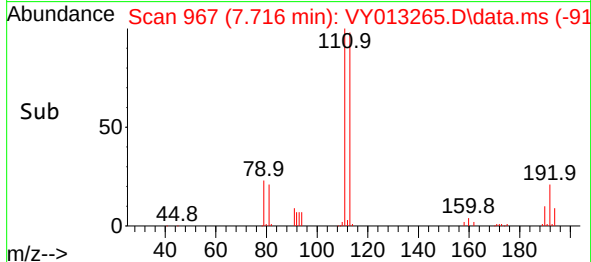
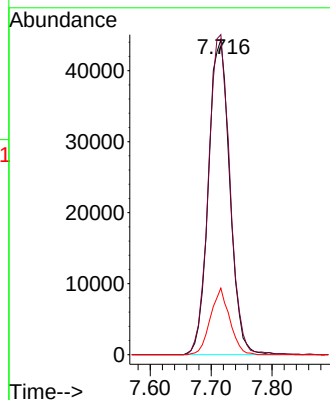
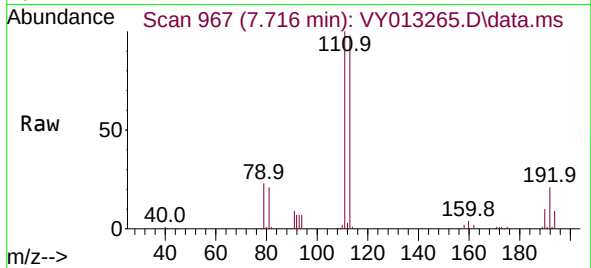




#35
Dibromofluoromethane
Concen: 53.435 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013265.D
Acq: 12 Apr 2023 13:05

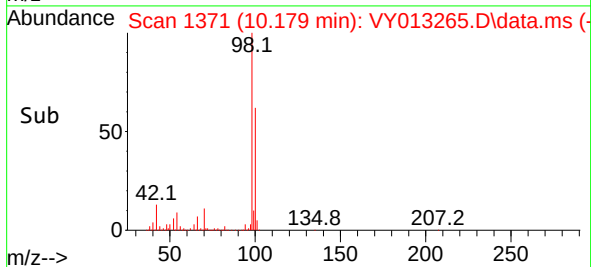
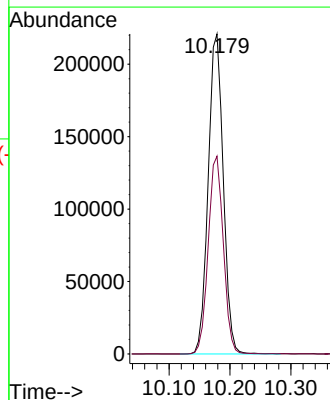
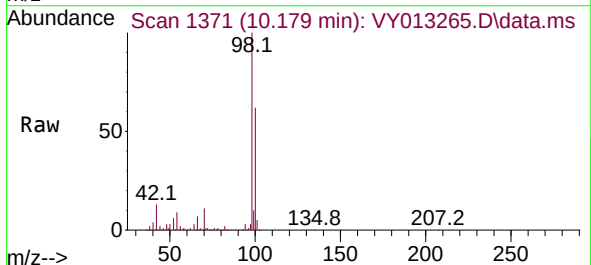
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

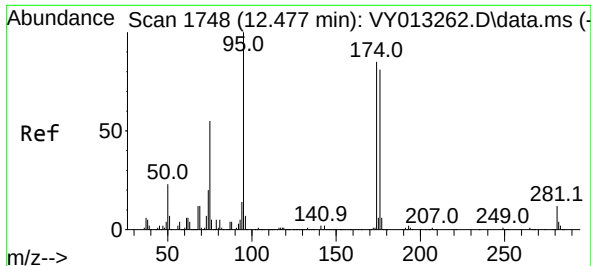
Tgt Ion:113 Resp: 108051
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 19.0 16.8 25.2



#50
Toluene-d8
Concen: 50.423 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013265.D
Acq: 12 Apr 2023 13:05

Tgt Ion: 98 Resp: 379516
Ion Ratio Lower Upper
98 100
100 62.0 50.9 76.3

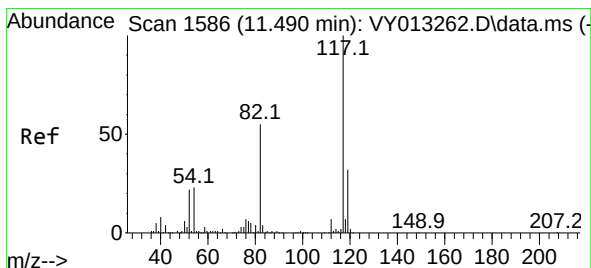
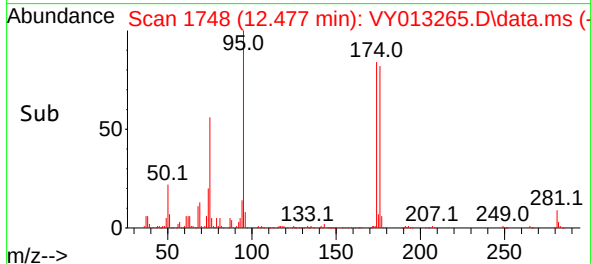
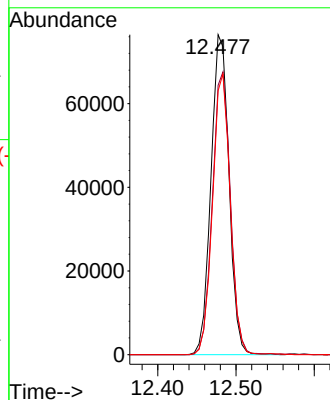
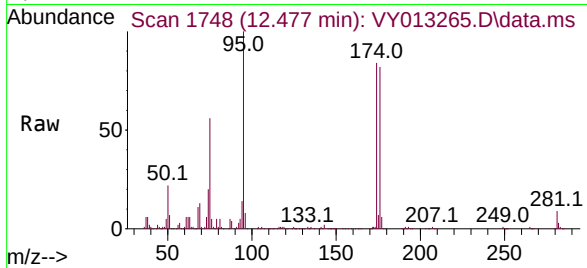




#62
4-Bromofluorobenzene
Concen: 49.995 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013265.D
Acq: 12 Apr 2023 13:05

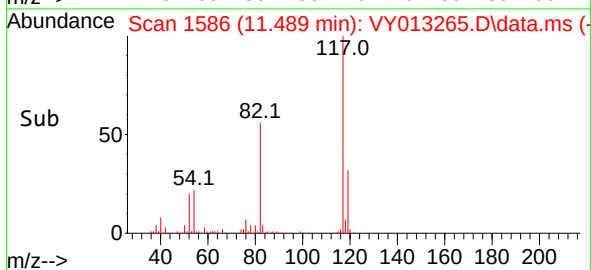
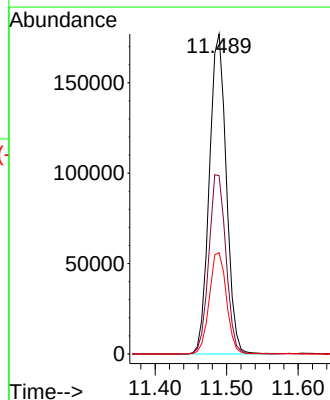
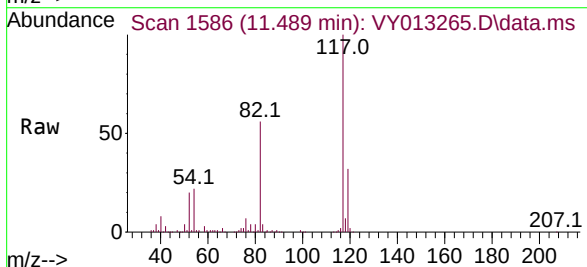
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

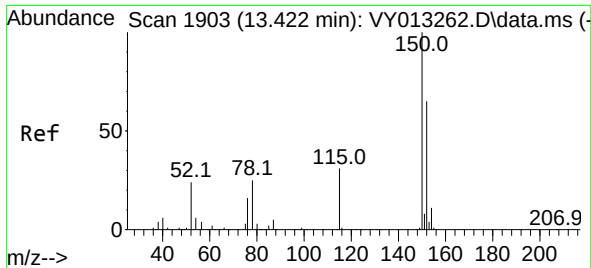
Tgt Ion: 95 Resp: 122264
Ion Ratio Lower Upper
95 100
174 88.7 0.0 176.6
176 86.0 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013265.D
Acq: 12 Apr 2023 13:05

Tgt Ion: 117 Resp: 291849
Ion Ratio Lower Upper
117 100
82 55.8 45.4 68.0
119 31.7 25.6 38.4

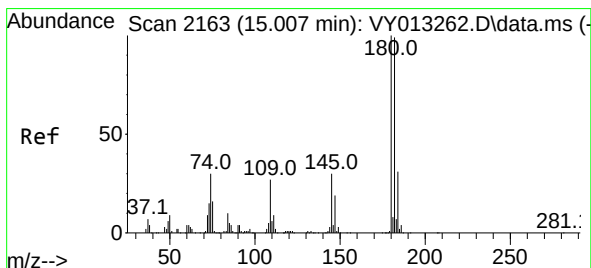
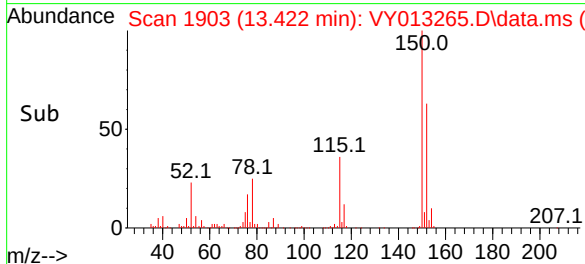
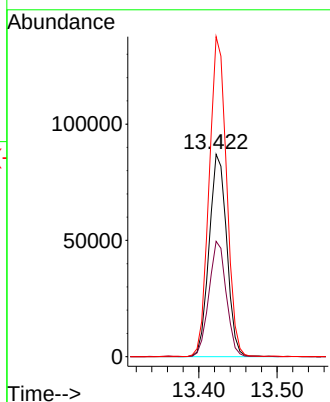
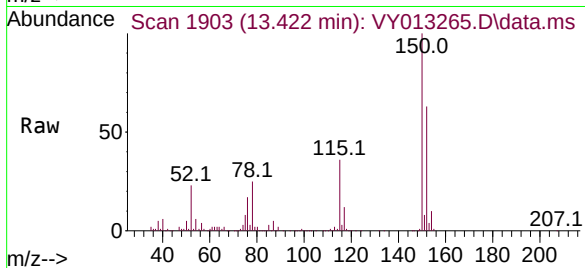




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY013265.D
 Acq: 12 Apr 2023 13:05

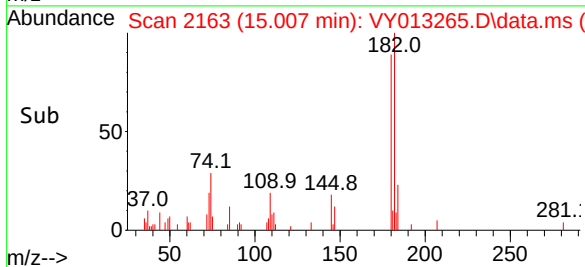
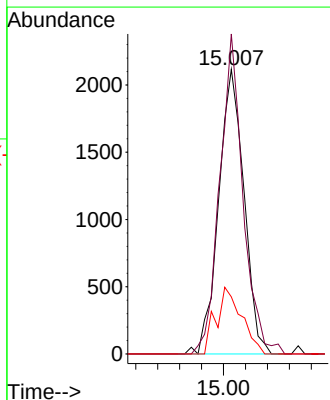
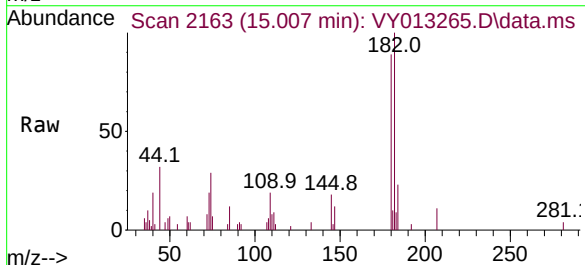
Instrument :
 MSVOA_Y
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 VIBLK

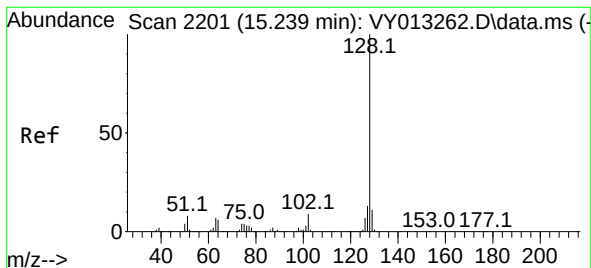
Tgt Ion:152 Resp: 135663
 Ion Ratio Lower Upper
 152 100
 115 55.9 27.1 81.3
 150 155.8 0.0 347.8



#93
 1,2,4-Trichlorobenzene
 Concen: 1.399 ug/l
 RT: 15.007 min Scan# 2163
 Delta R.T. -0.000 min
 Lab File: VY013265.D
 Acq: 12 Apr 2023 13:05

Tgt Ion:180 Resp: 3395
 Ion Ratio Lower Upper
 180 100
 182 103.4 46.7 140.1
 145 23.6 14.6 43.8





#95

Naphthalene

Concen: 4.539 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY013265.D

Acq: 12 Apr 2023 13:05

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

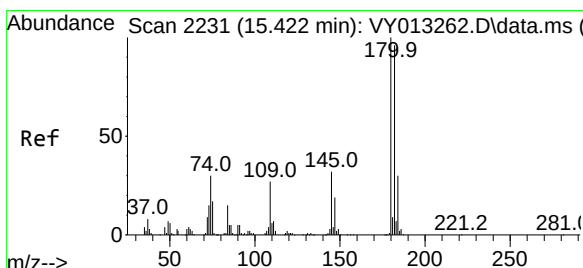
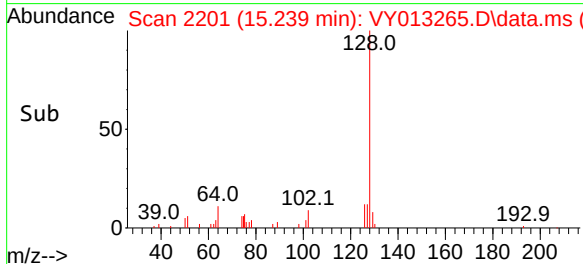
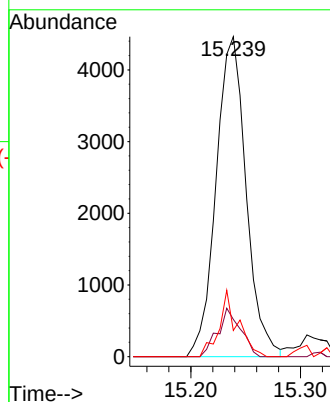
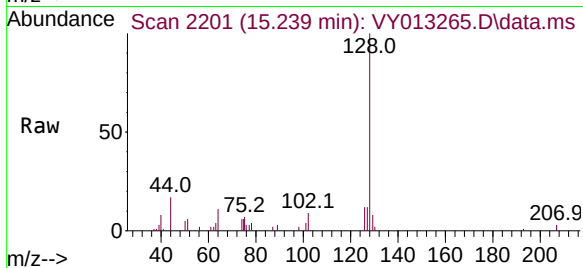
Tgt Ion:128 Resp: 8487

Ion Ratio Lower Upper

128 100

127 11.6 10.3 15.5

129 12.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 1.559 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013265.D

Acq: 12 Apr 2023 13:05

Tgt Ion:180 Resp: 3446

Ion Ratio Lower Upper

180 100

182 96.5 47.4 142.3

145 34.3 15.3 45.8

