

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033122\
 Data File : VY008142.D
 Acq On : 31 Mar 2022 16:42
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Apr 01 04:34:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

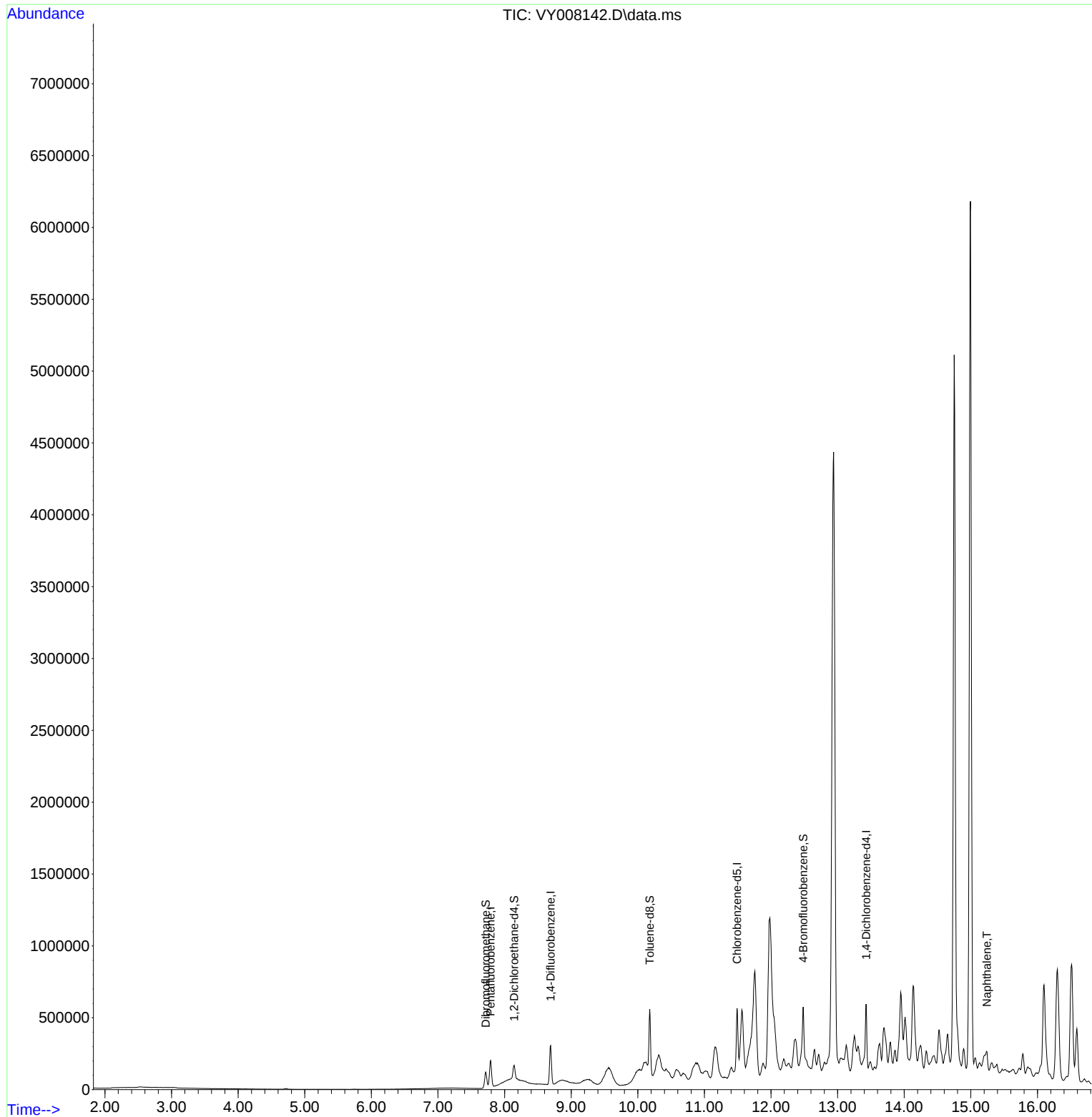
Internal Standards						
1) Pentafluorobenzene	7.789	168	145871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	256591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	265484	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	118341	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	73681	50.345	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.680%
35) Dibromofluoromethane	7.715	113	78764	48.960	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.920%
50) Toluene-d8	10.178	98	331148	54.636	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.280%
62) 4-Bromofluorobenzene	12.483	95	106586	49.845	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.700%
Target Compounds						
						Qvalue
95) Naphthalene	15.239	128	132017	25.493	ug/l	# 95

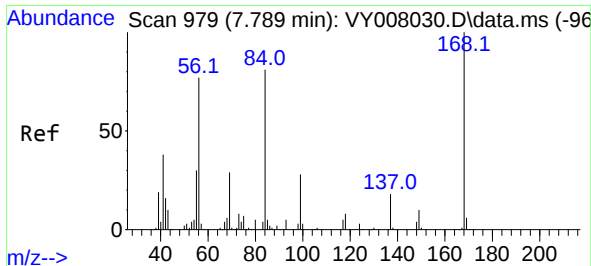
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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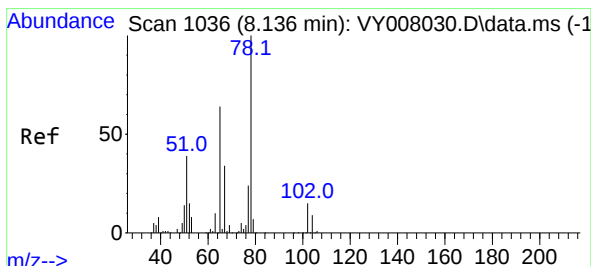
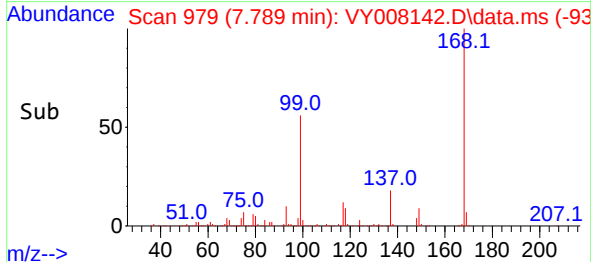
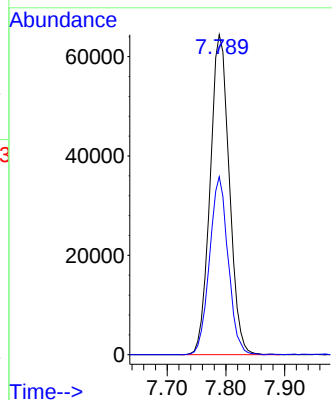
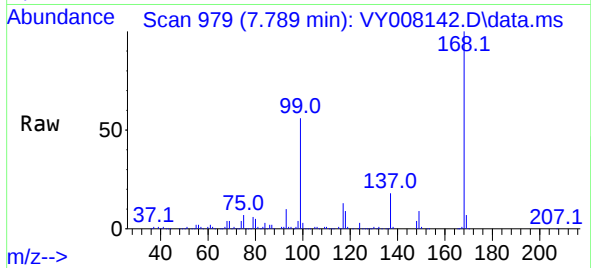




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008142.D
Acq: 31 Mar 2022 16:42

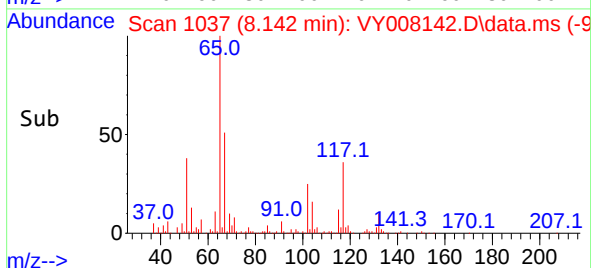
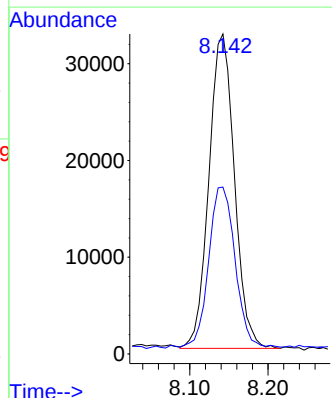
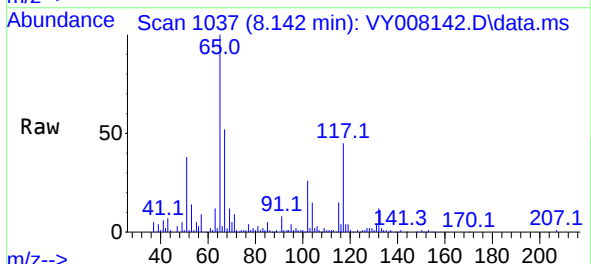
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

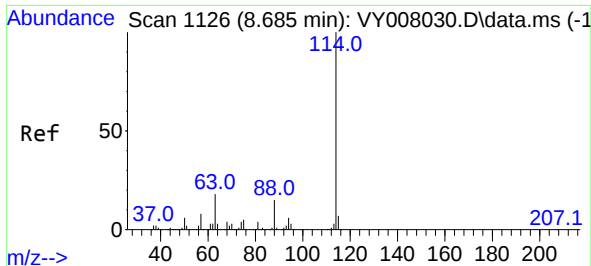
Tgt Ion:168 Resp: 145871
Ion Ratio Lower Upper
168 100
99 55.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 50.345 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008142.D
Acq: 31 Mar 2022 16:42

Tgt Ion: 65 Resp: 73681
Ion Ratio Lower Upper
65 100
67 53.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY008142.D

Acq: 31 Mar 2022 16:42

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

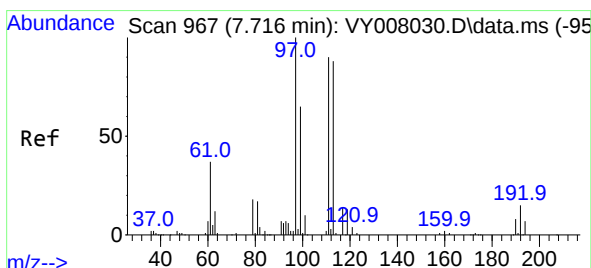
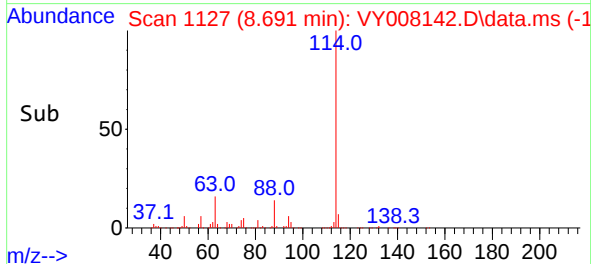
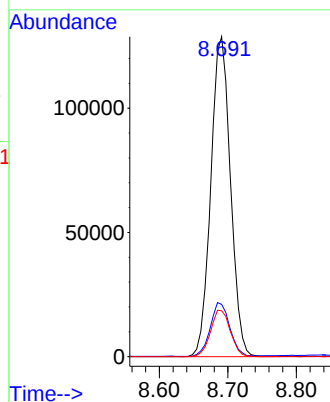
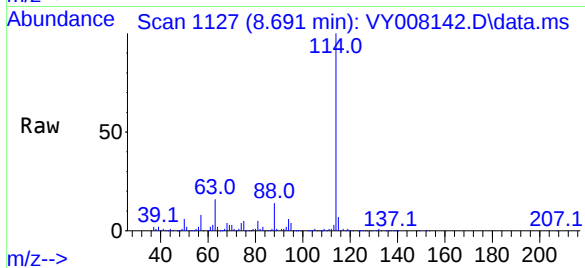
Tgt Ion:114 Resp: 256591

Ion Ratio Lower Upper

114 100

63 16.3 0.0 43.2

88 14.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.960 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY008142.D

Acq: 31 Mar 2022 16:42

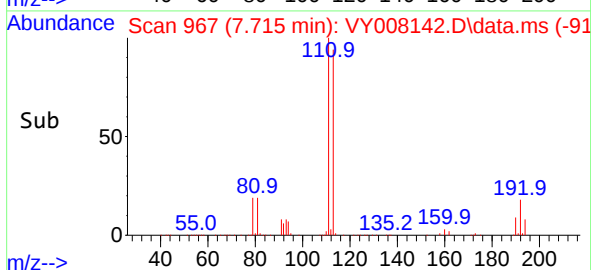
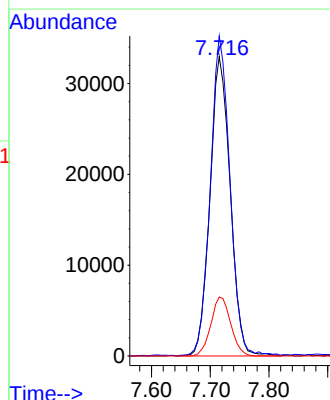
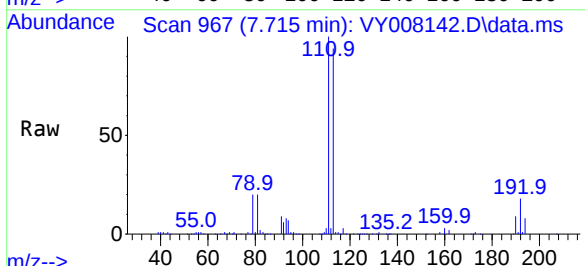
Tgt Ion:113 Resp: 78764

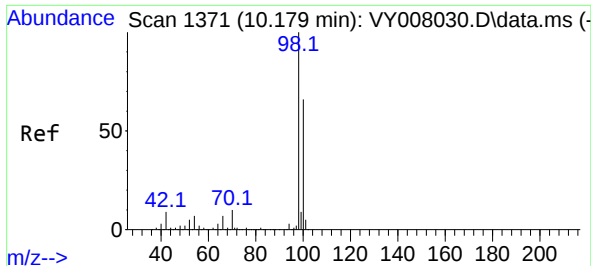
Ion Ratio Lower Upper

113 100

111 104.6 82.6 124.0

192 19.3 17.6 26.4

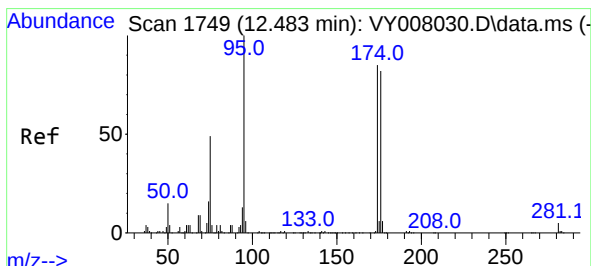
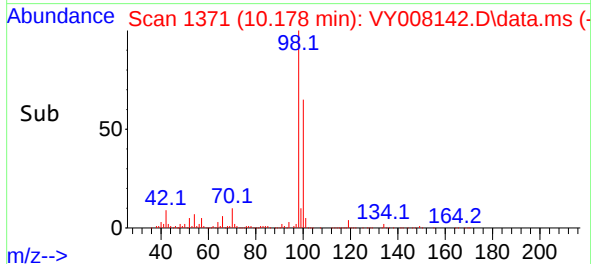
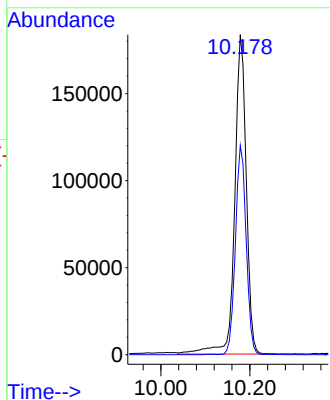
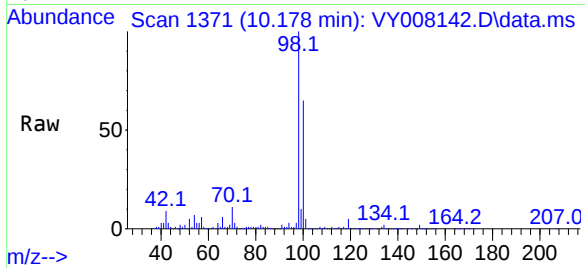




#50
Toluene-d8
Concen: 54.636 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY008142.D
Acq: 31 Mar 2022 16:42

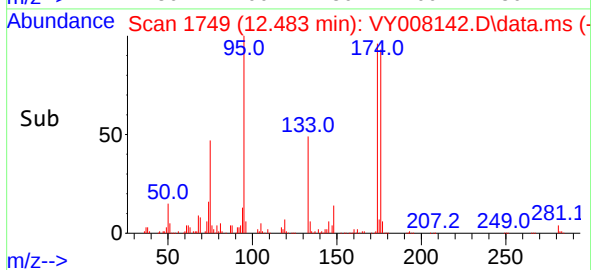
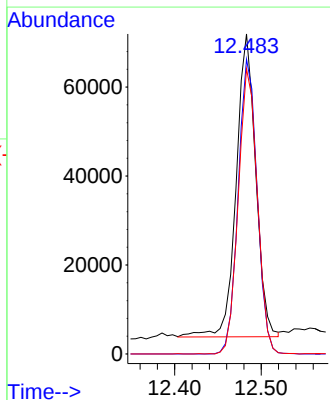
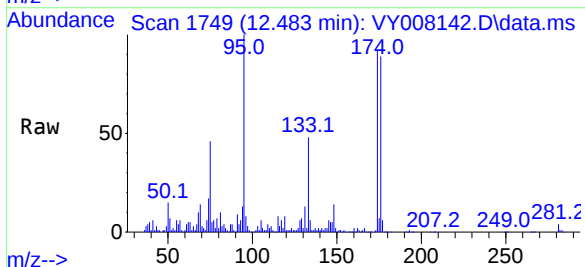
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

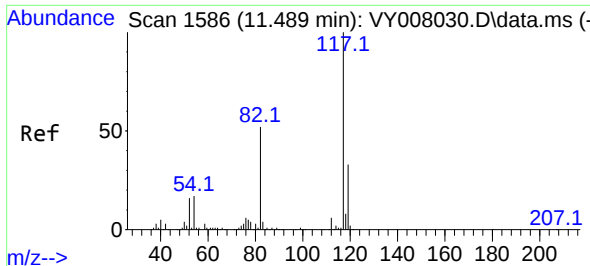
Tgt Ion: 98 Resp: 331148
Ion Ratio Lower Upper
98 100
100 60.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.845 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008142.D
Acq: 31 Mar 2022 16:42

Tgt Ion: 95 Resp: 106586
Ion Ratio Lower Upper
95 100
174 94.4 0.0 177.0
176 91.8 0.0 175.8

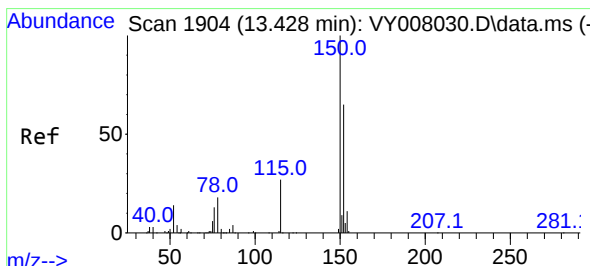
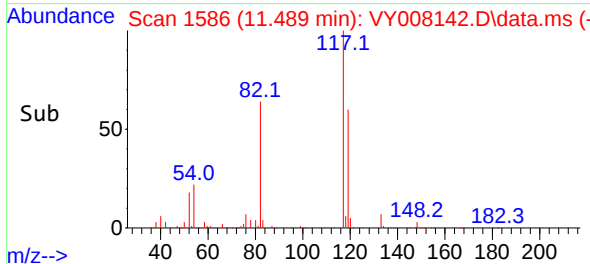
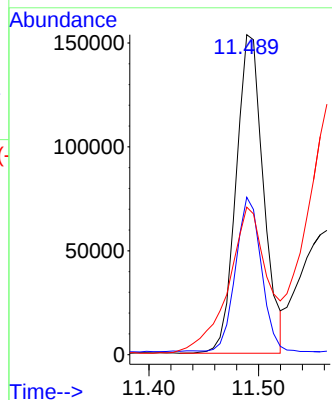
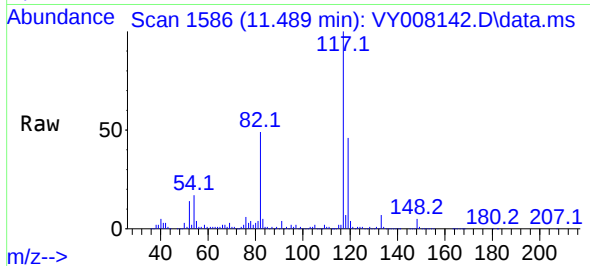




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008142.D
Acq: 31 Mar 2022 16:42

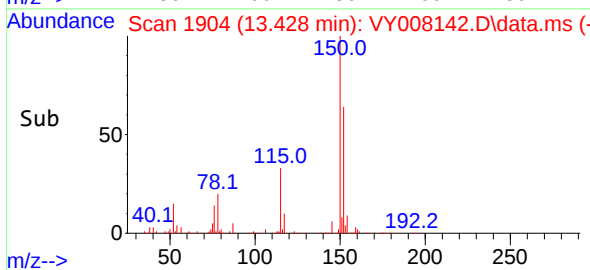
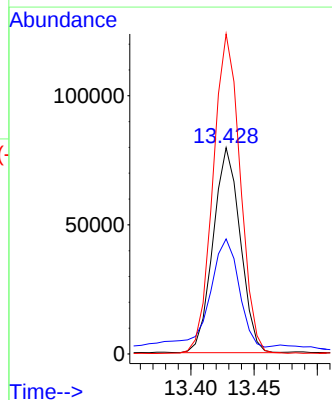
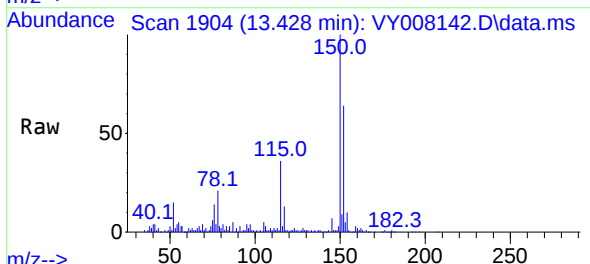
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

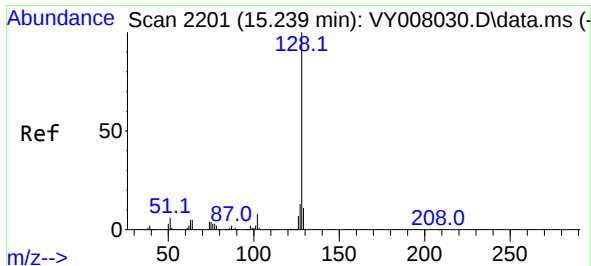
Tgt Ion:117 Resp: 265484
Ion Ratio Lower Upper
117 100
82 48.4 43.0 64.4
119 44.9 25.4 38.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008142.D
Acq: 31 Mar 2022 16:42

Tgt Ion:152 Resp: 118341
Ion Ratio Lower Upper
152 100
115 57.0 28.2 84.7
150 156.6 0.0 347.6





#95
Naphthalene
Concen: 25.493 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY008142.D
Acq: 31 Mar 2022 16:42

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:128 Resp: 132017
Ion Ratio Lower Upper
128 100
127 10.9 11.0 16.4#
129 11.0 8.4 12.6

