

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050123\
 Data File : VY013538.D
 Acq On : 01 May 2023 14:39
 Operator : KP/MD
 Sample : 02562-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-04282023

Quant Time: May 01 22:48:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

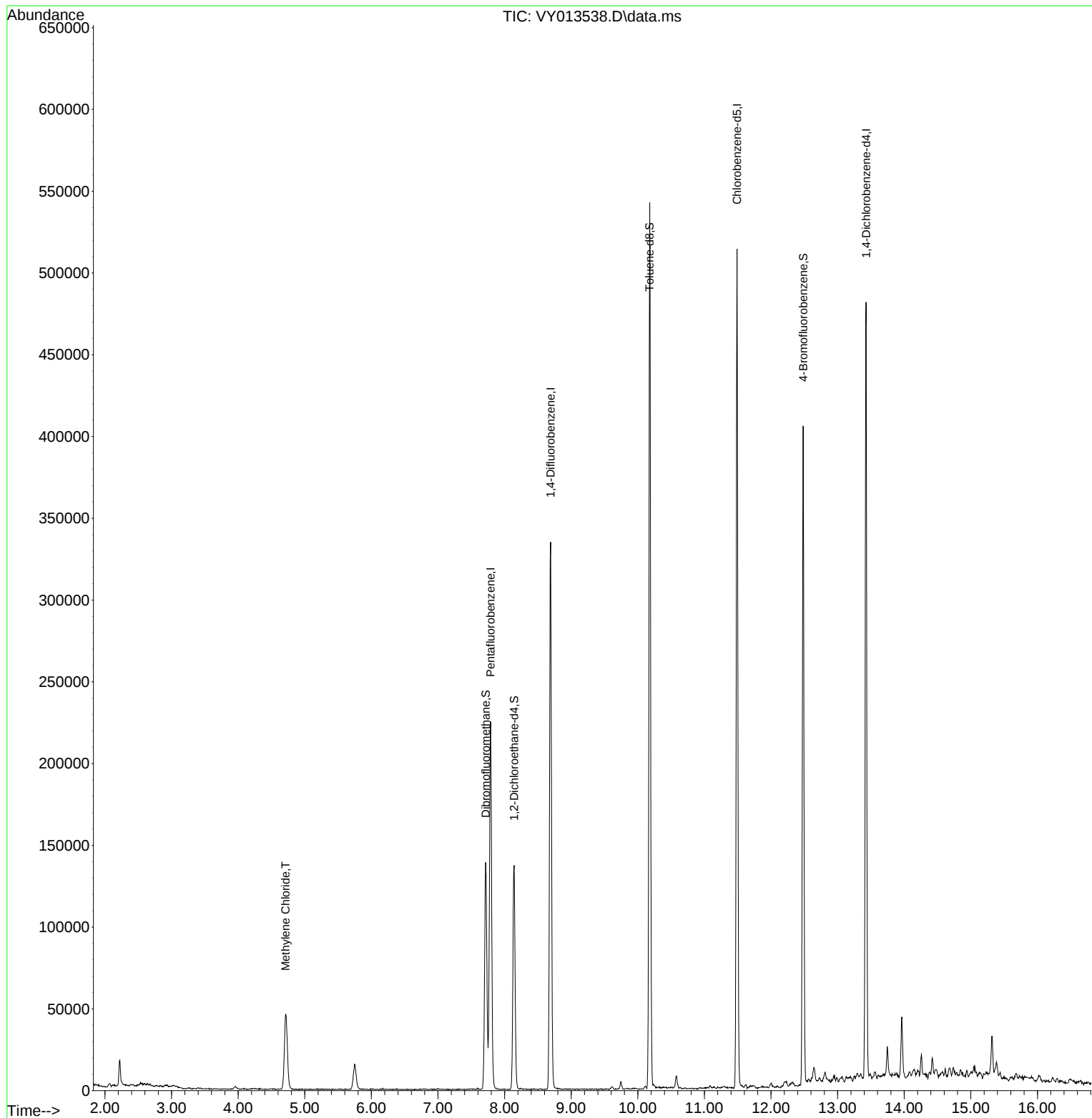
Internal Standards						
1) Pentafluorobenzene	7.789	168	173430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	281569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	268260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	122798	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	113521	59.711	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	119.420%	
35) Dibromofluoromethane	7.716	113	96096	54.263	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	108.520%	
50) Toluene-d8	10.179	98	342641	54.388	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	108.780%	
62) 4-Bromofluorobenzene	12.483	95	111169	52.343	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	104.680%	
Target Compounds						Qvalue
20) Methylene Chloride	4.710	84	34331	7.811	ug/l	# 85

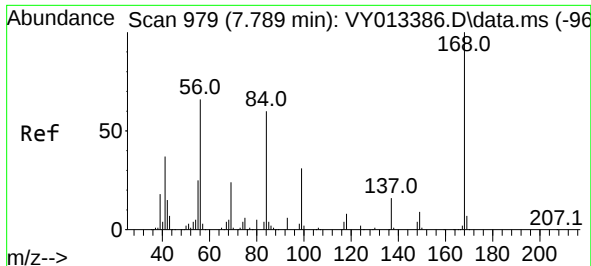
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050123\
Data File : VY013538.D
Acq On : 01 May 2023 14:39
Operator : KP/MD
Sample : 02562-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-04282023

Quant Time: May 01 22:48:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration

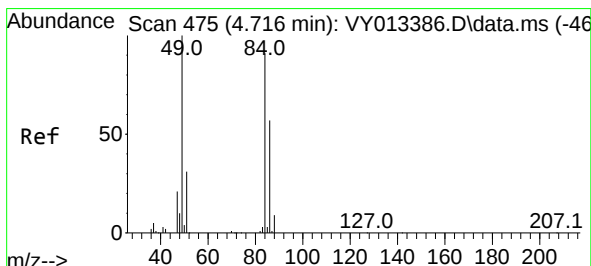
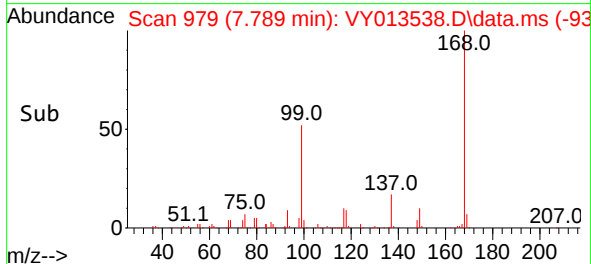
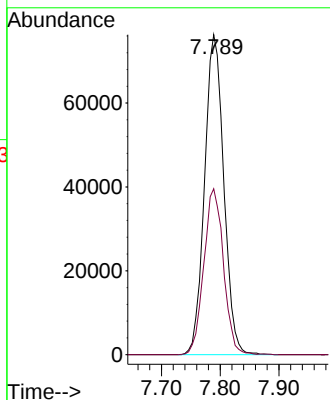
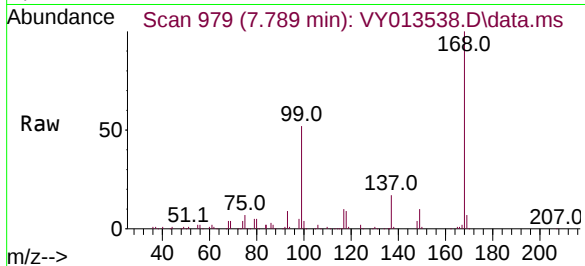




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013538.D
Acq: 01 May 2023 14:39

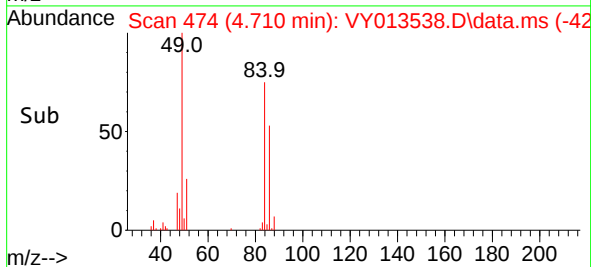
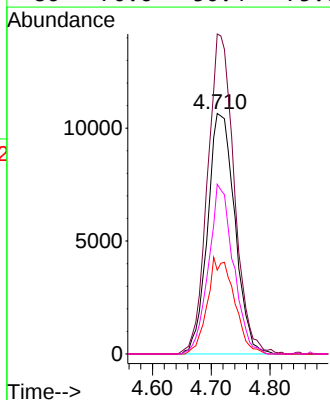
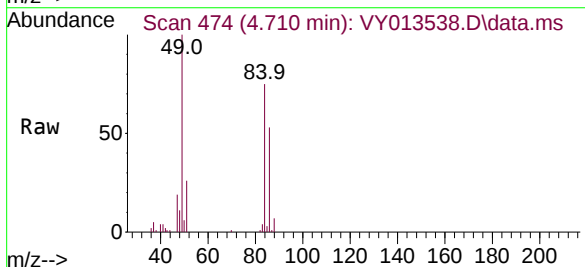
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-04282023

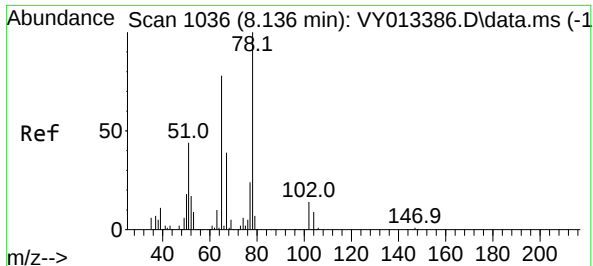
Tgt Ion:168 Resp: 173430
Ion Ratio Lower Upper
168 100
99 51.9 41.8 62.6



#20
Methylene Chloride
Concen: 7.811 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013538.D
Acq: 01 May 2023 14:39

Tgt Ion: 84 Resp: 34331
Ion Ratio Lower Upper
84 100
49 133.0 88.0 132.0#
51 34.9 27.4 41.0
86 70.6 50.4 75.6





#33

1,2-Dichloroethane-d4

Concen: 59.711 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.007 min

Lab File: VY013538.D

Acq: 01 May 2023 14:39

Instrument :

MSVOA_Y

ClientSampleId :

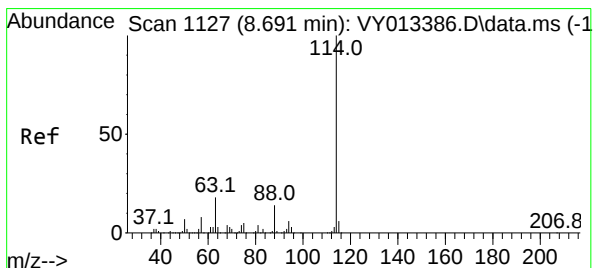
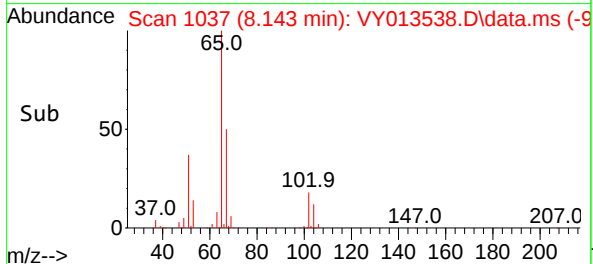
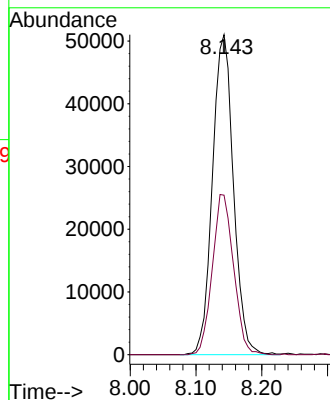
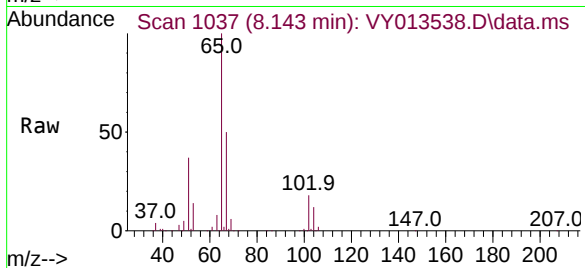
OR-02-04282023

Tgt Ion: 65 Resp: 113521

Ion Ratio Lower Upper

65 100

67 50.6 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013538.D

Acq: 01 May 2023 14:39

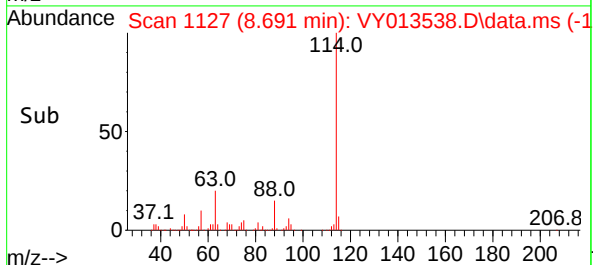
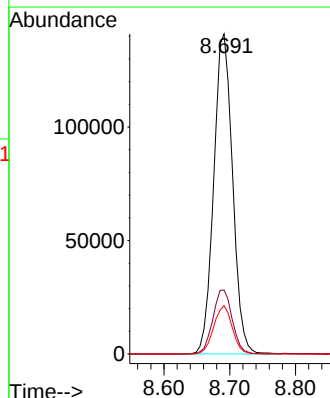
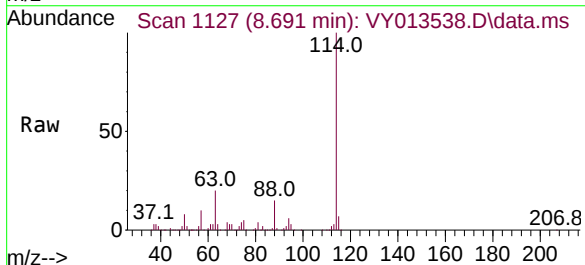
Tgt Ion: 114 Resp: 281569

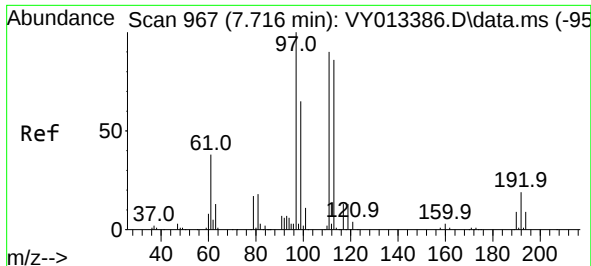
Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.6

88 15.1 0.0 28.8





#35

Dibromofluoromethane

Concen: 54.263 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY013538.D

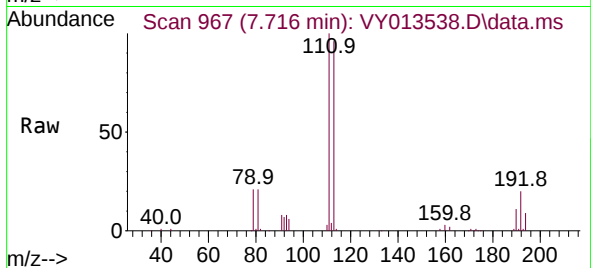
Acq: 01 May 2023 14:39

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-04282023



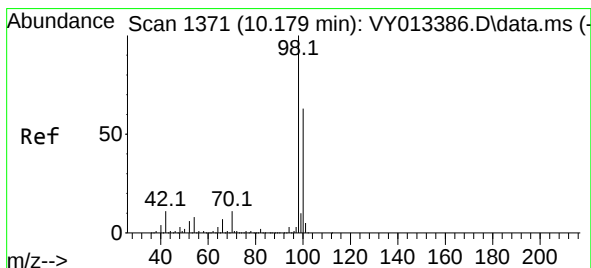
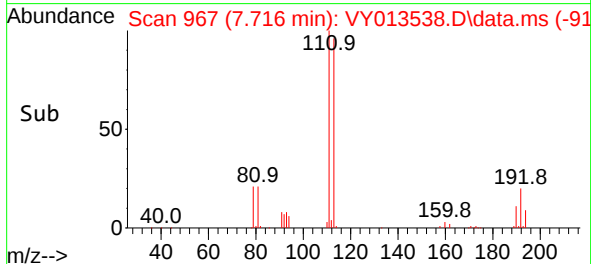
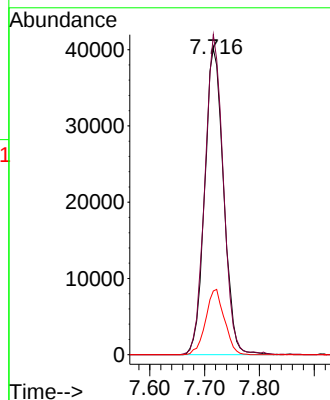
Tgt Ion:113 Resp: 96096

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.2

192 21.1 16.7 25.1



#50

Toluene-d8

Concen: 54.388 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013538.D

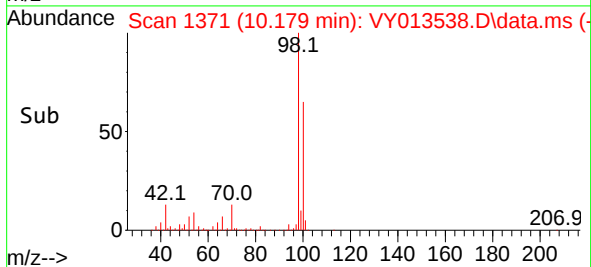
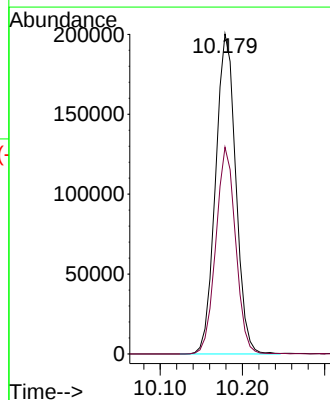
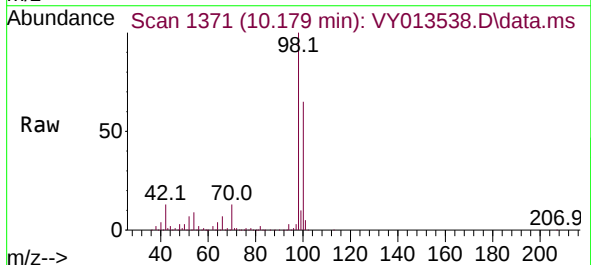
Acq: 01 May 2023 14:39

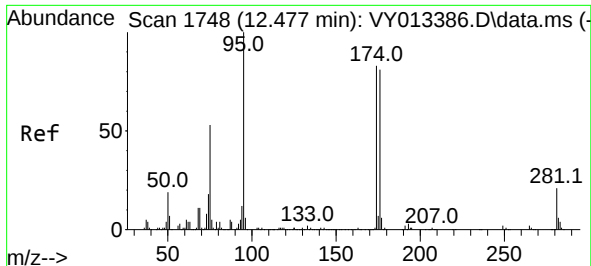
Tgt Ion: 98 Resp: 342641

Ion Ratio Lower Upper

98 100

100 63.1 50.5 75.7

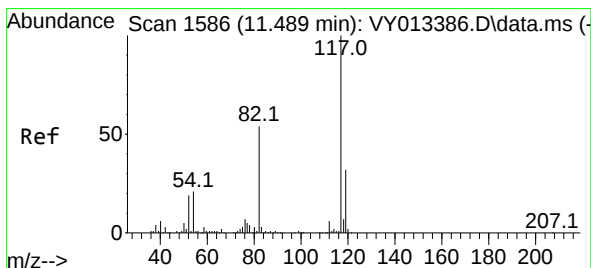
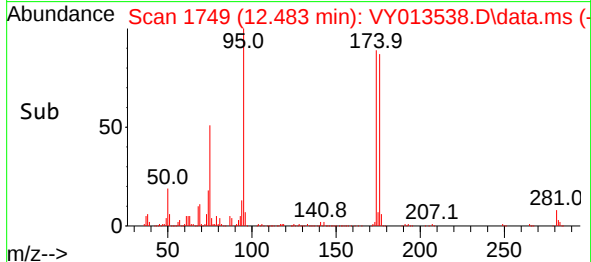
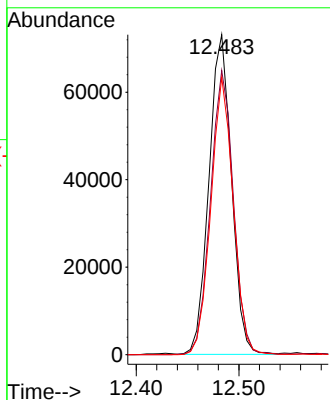
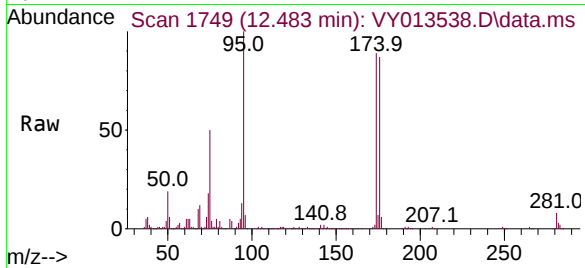




#62
4-Bromofluorobenzene
Concen: 52.343 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013538.D
Acq: 01 May 2023 14:39

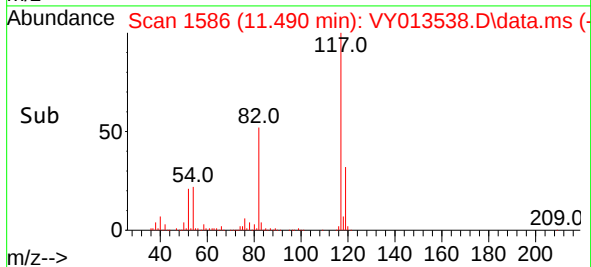
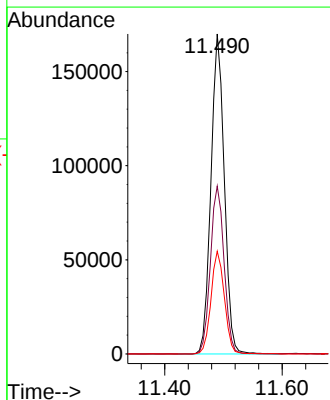
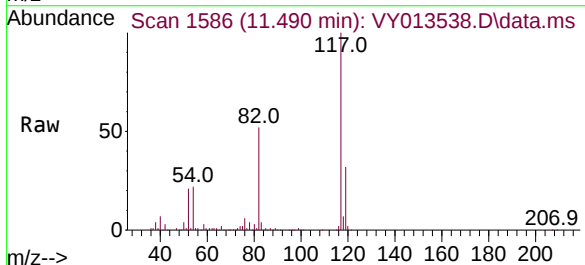
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-04282023

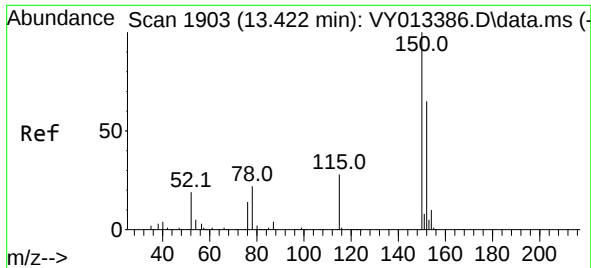
Tgt Ion: 95 Resp: 111169
Ion Ratio Lower Upper
95 100
174 90.5 0.0 182.0
176 86.0 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY013538.D
Acq: 01 May 2023 14:39

Tgt Ion: 117 Resp: 268260
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.6
119 32.1 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013538.D

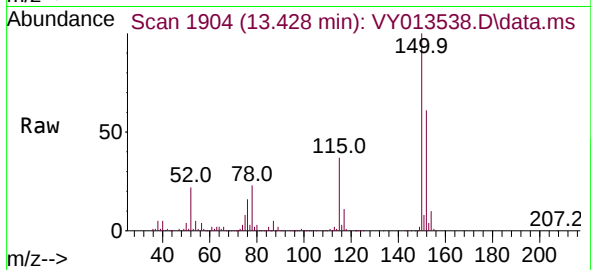
Acq: 01 May 2023 14:39

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-04282023



Tgt Ion:152 Resp: 122798

Ion Ratio Lower Upper

152 100

115 57.0 28.1 84.2

150 157.7 0.0 352.0

