

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052423\
 Data File : VY013842.D
 Acq On : 24 May 2023 13:38
 Operator : KP/MD
 Sample : 02899-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB06A

Quant Time: May 25 07:08:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

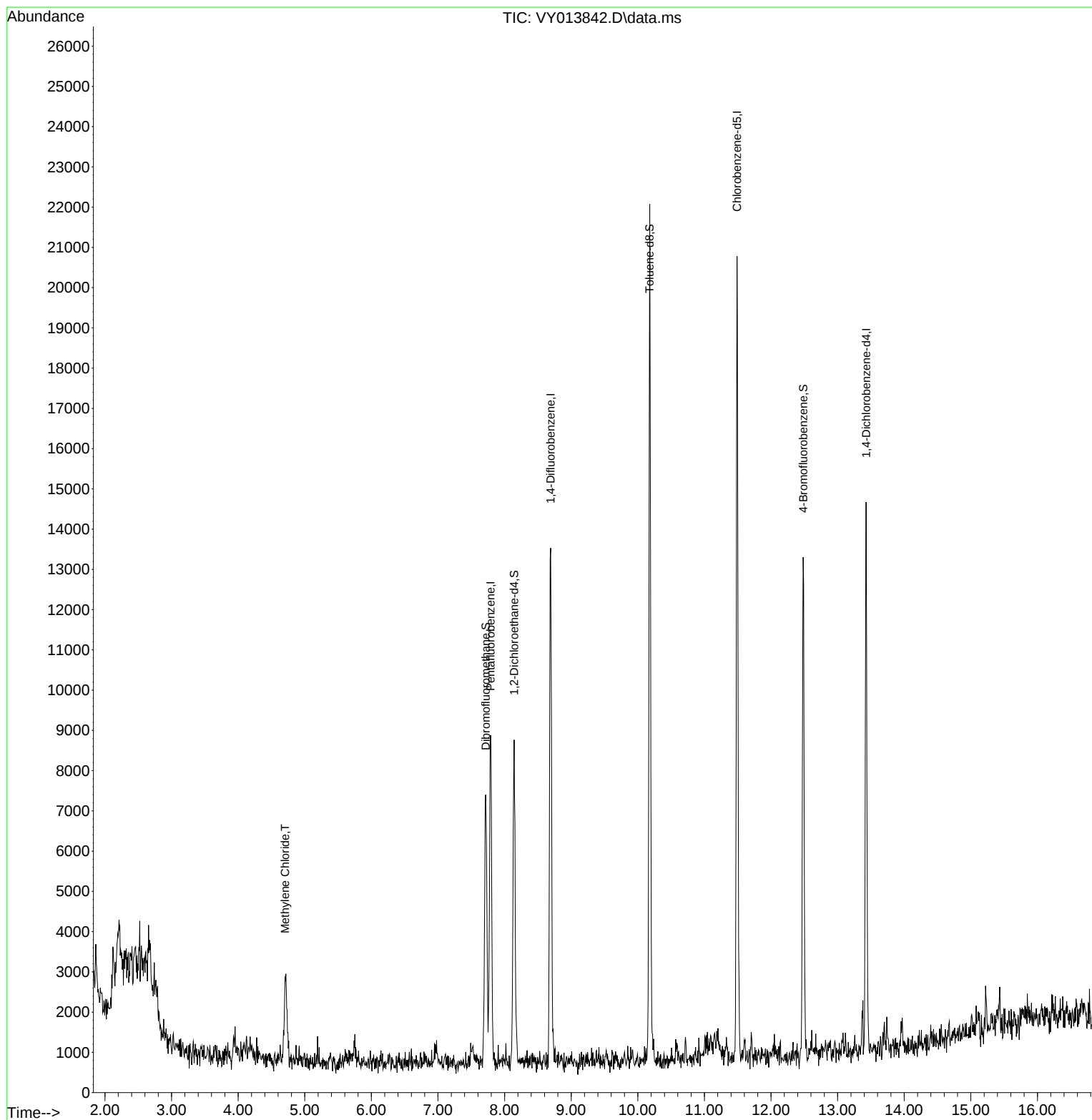
Internal Standards						
1) Pentafluorobenzene	7.789	168	6583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	11233	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	10957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	6313	82.893	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 165.780%#	
35) Dibromofluoromethane	7.716	113	4895	67.477	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 134.960%	
50) Toluene-d8	10.179	98	13700	49.689	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.380%	
62) 4-Bromofluorobenzene	12.483	95	3518	38.386	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 76.780%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	1255	13.821	ug/l #	83

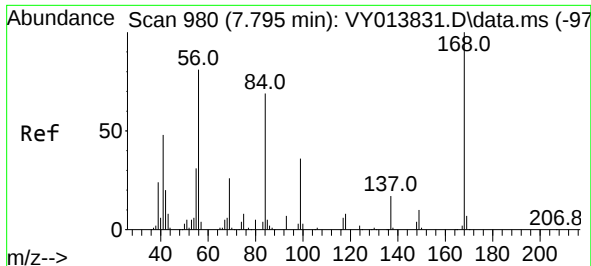
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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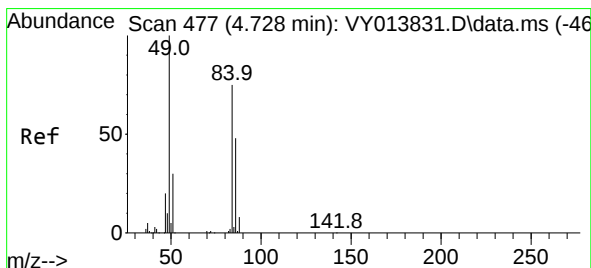
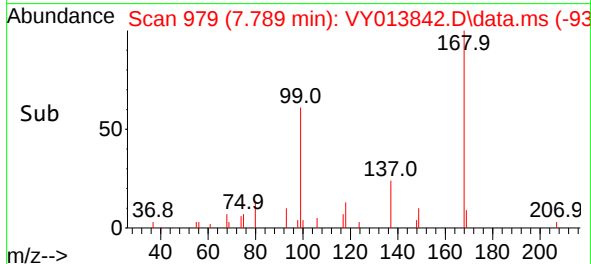
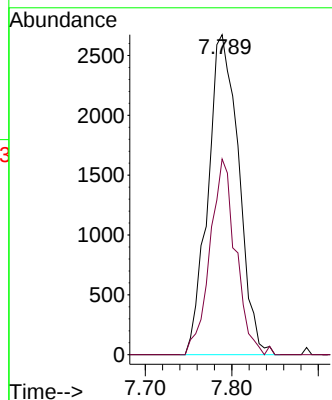
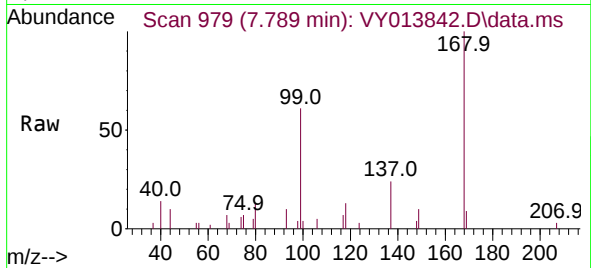




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013842.D
Acq: 24 May 2023 13:38

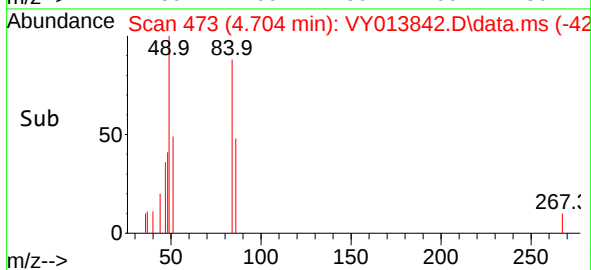
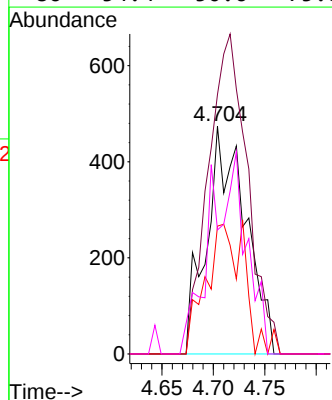
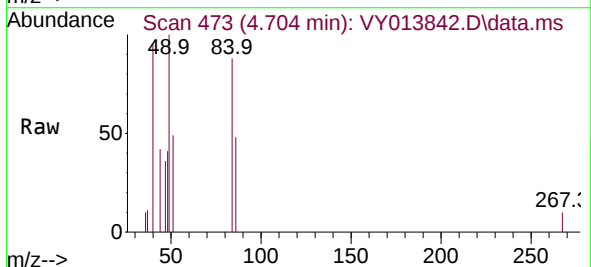
Instrument :
MSVOA_Y
ClientSampleId :
SB06A

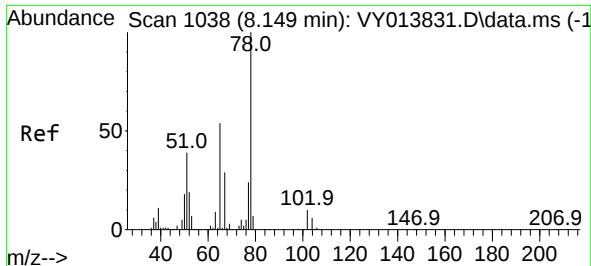
Tgt Ion:168 Resp: 6583
Ion Ratio Lower Upper
168 100
99 61.1 43.4 65.2



#20
Methylene Chloride
Concen: 13.821 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.024 min
Lab File: VY013842.D
Acq: 24 May 2023 13:38

Tgt Ion: 84 Resp: 1255
Ion Ratio Lower Upper
84 100
49 113.9 106.2 159.2
51 56.1 31.4 47.0#
86 54.4 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 82.893 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VY013842.D

Acq: 24 May 2023 13:38

Instrument :

MSVOA_Y

ClientSampleId :

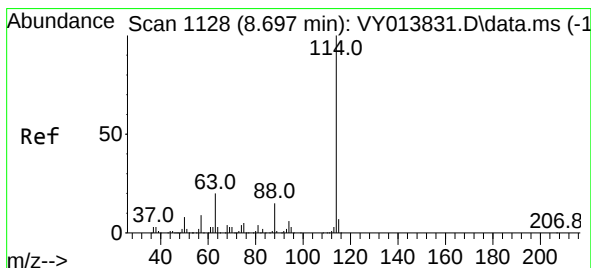
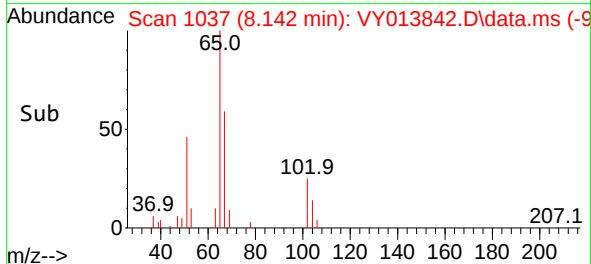
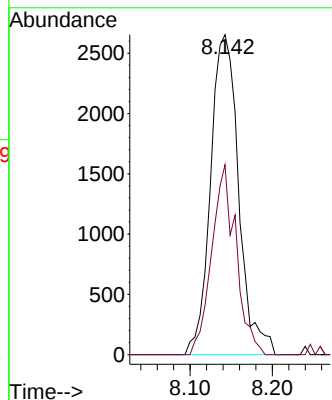
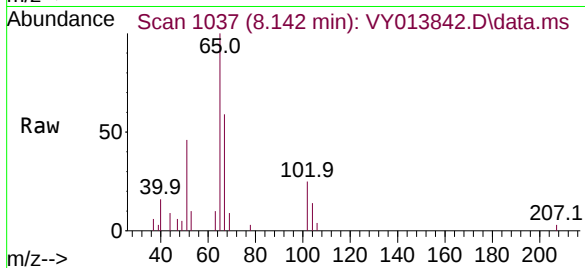
SB06A

Tgt Ion: 65 Resp: 6313

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY013842.D

Acq: 24 May 2023 13:38

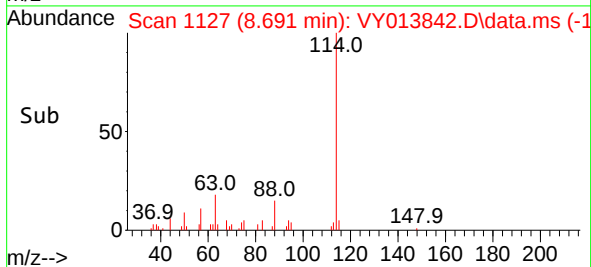
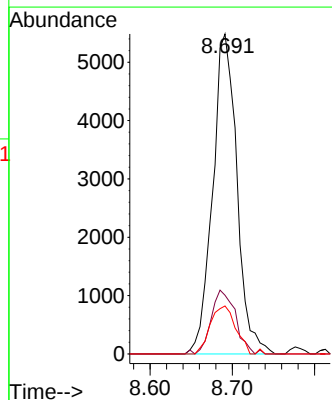
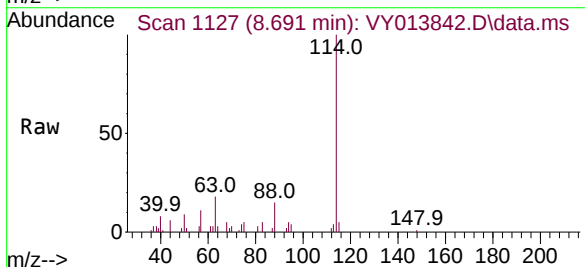
Tgt Ion: 114 Resp: 11233

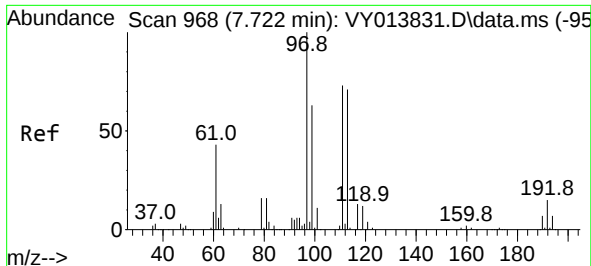
Ion Ratio Lower Upper

114 100

63 18.3 0.0 40.2

88 15.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 67.477 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY013842.D

Acq: 24 May 2023 13:38

Instrument :

MSVOA_Y

ClientSampleId :

SB06A

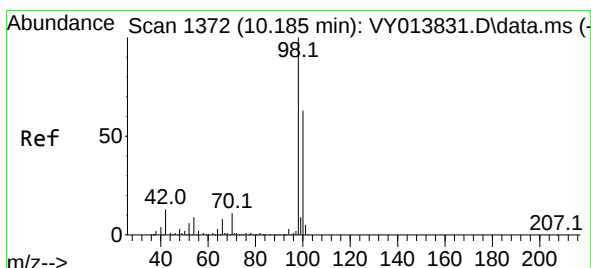
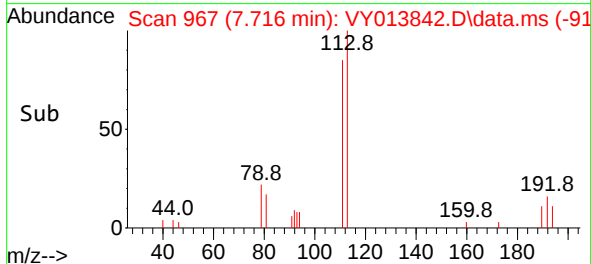
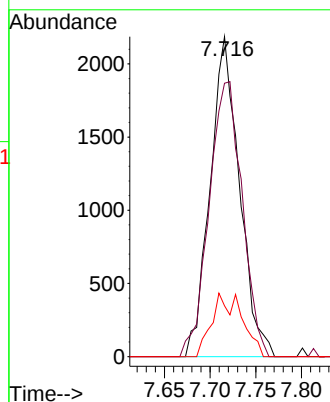
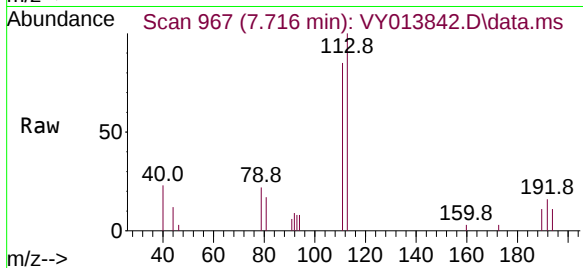
Tgt Ion:113 Resp: 4895

Ion Ratio Lower Upper

113 100

111 96.4 80.4 120.6

192 20.3 16.6 25.0



#50

Toluene-d8

Concen: 49.689 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY013842.D

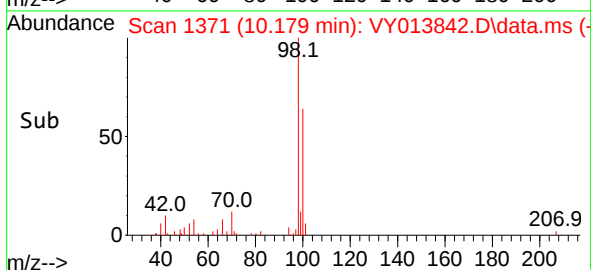
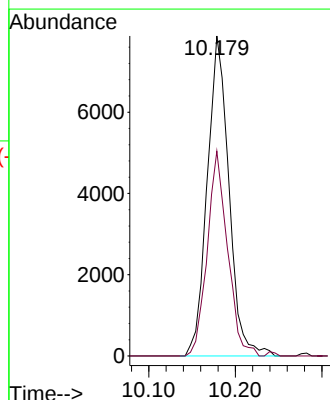
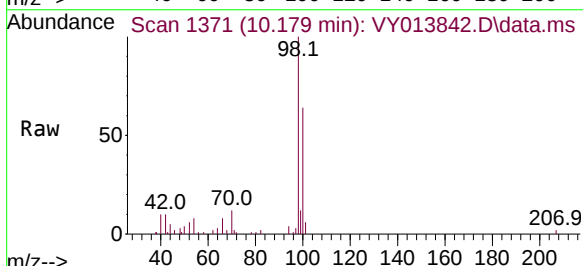
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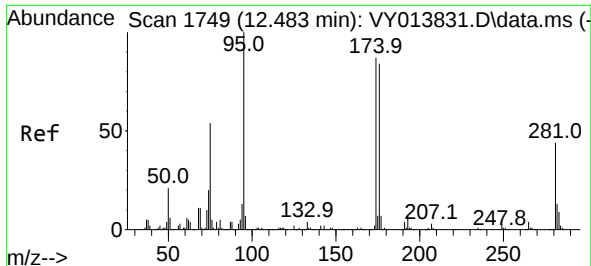
Tgt Ion: 98 Resp: 13700

Ion Ratio Lower Upper

98 100

100 59.9 50.8 76.2

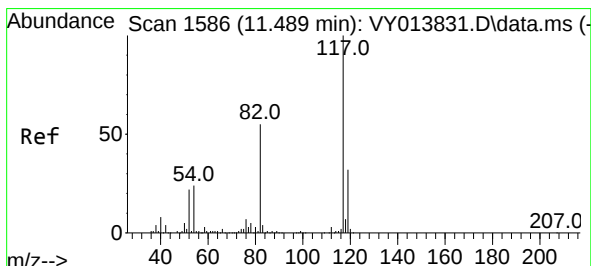
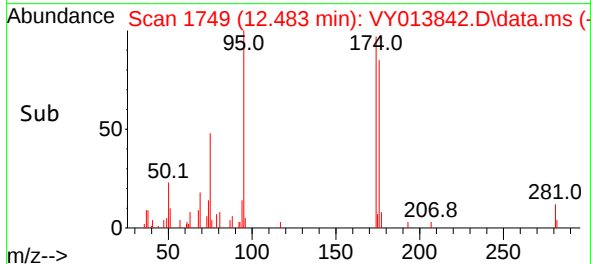
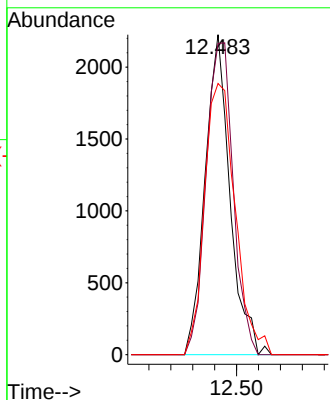
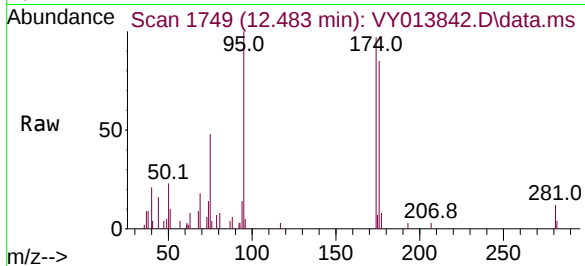




#62
4-Bromofluorobenzene
Concen: 38.386 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013842.D
Acq: 24 May 2023 13:38

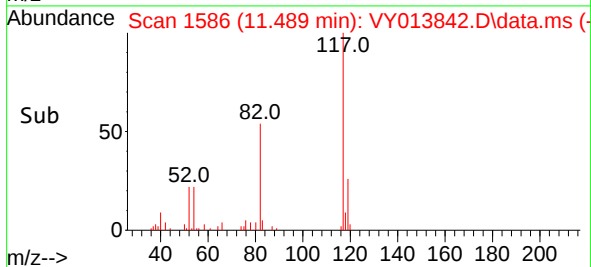
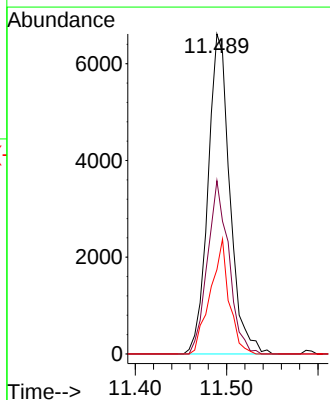
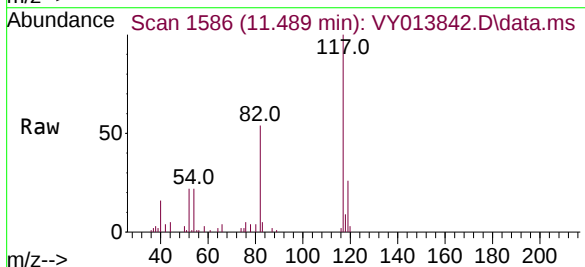
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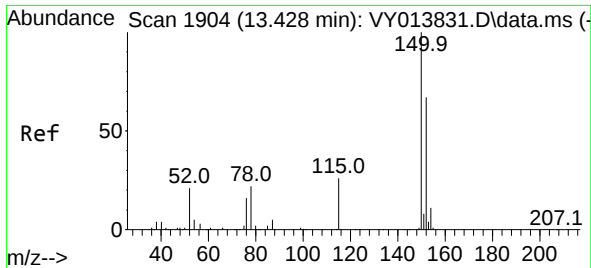
Tgt Ion: 95 Resp: 3518
Ion Ratio Lower Upper
95 100
174 106.0 0.0 176.0
176 104.7 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013842.D
Acq: 24 May 2023 13:38

Tgt Ion: 117 Resp: 10957
Ion Ratio Lower Upper
117 100
82 54.2 44.2 66.4
119 26.4 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY013842.D

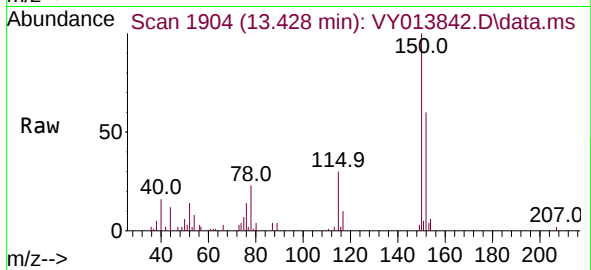
Acq: 24 May 2023 13:38

Instrument :

MSVOA_Y

ClientSampleId :

SB06A



Tgt Ion:152 Resp: 3672

Ion Ratio Lower Upper

152 100

115 53.8 28.8 86.5

150 152.6 0.0 353.4

