

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052423\
 Data File : VY013844.D
 Acq On : 24 May 2023 14:25
 Operator : KP/MD
 Sample : 02899-04
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB01

Quant Time: May 25 07:08:26 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)

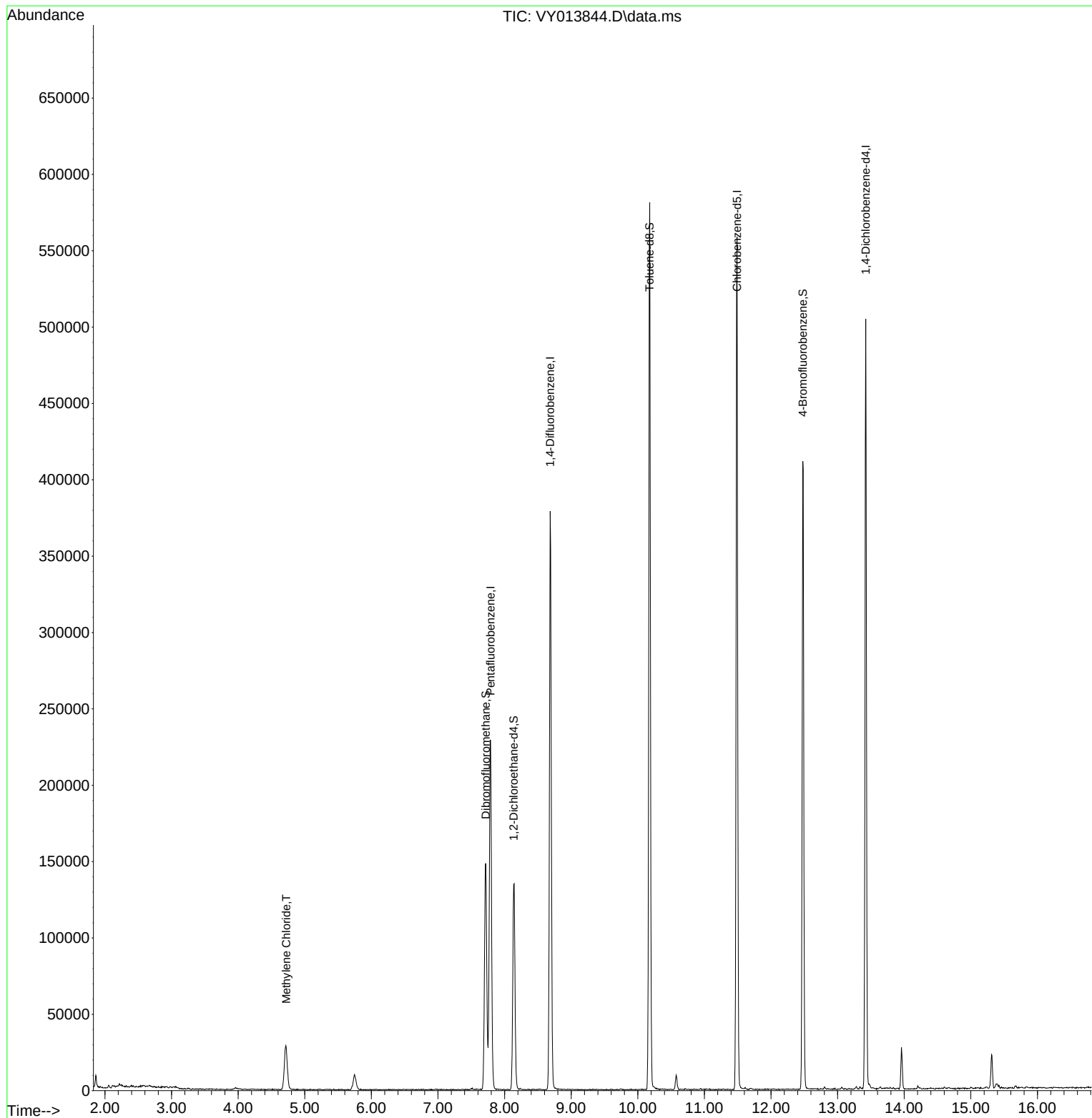
Internal Standards						
1) Pentafluorobenzene	7.789	168	181386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	304437	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	291603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	124993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	113816	54.238	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.480%	
35) Dibromofluoromethane	7.716	113	101756	51.756	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.520%	
50) Toluene-d8	10.179	98	373355	49.964	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.920%	
62) 4-Bromofluorobenzene	12.477	95	113595	45.734	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 91.460%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.722	84	20986	7.336	ug/l #	80

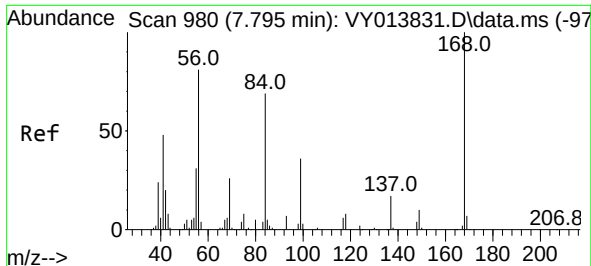
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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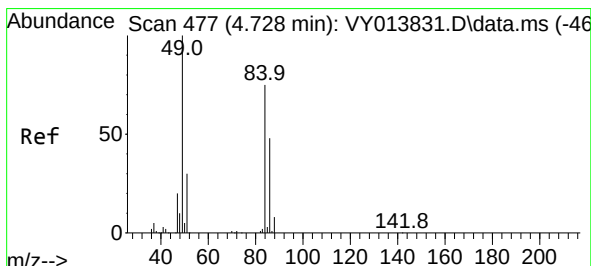
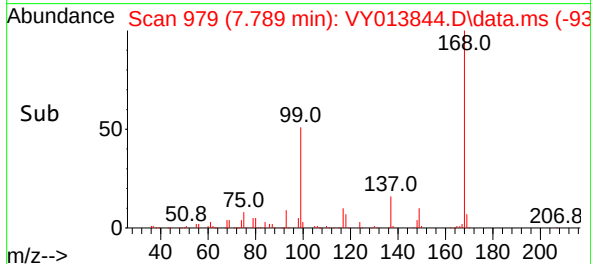
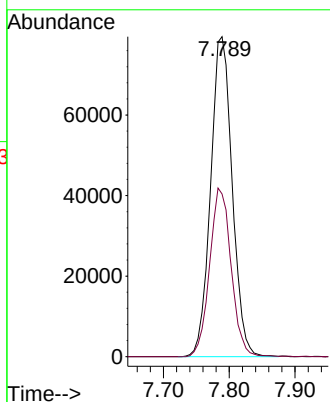
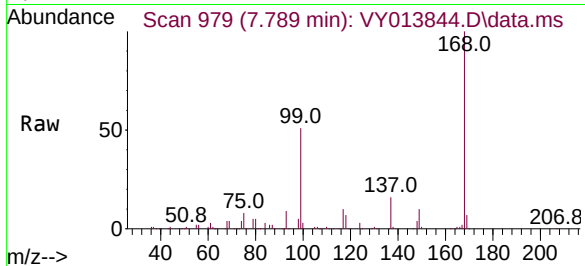




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013844.D
Acq: 24 May 2023 14:25

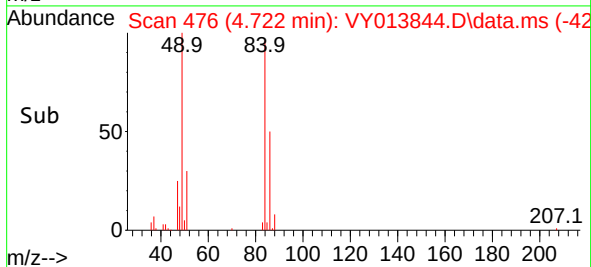
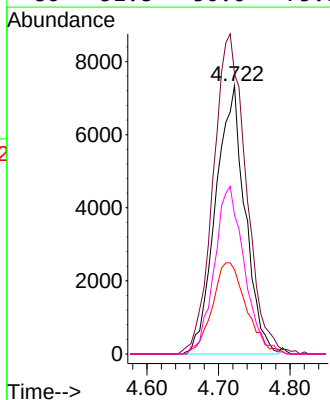
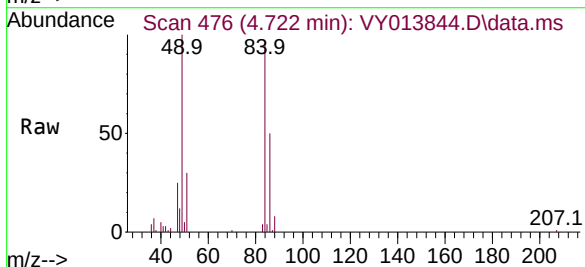
Instrument :
MSVOA_Y
ClientSampleId :
SB01

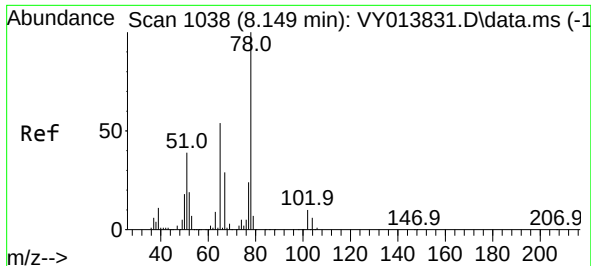
Tgt Ion:168 Resp: 181386
Ion Ratio Lower Upper
168 100
99 50.8 43.4 65.2



#20
Methylene Chloride
Concen: 7.336 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY013844.D
Acq: 24 May 2023 14:25

Tgt Ion: 84 Resp: 20986
Ion Ratio Lower Upper
84 100
49 104.4 106.2 159.2#
51 31.5 31.4 47.0
86 51.8 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 54.238 ug/l

RT: 8.136 min Scan# 113816

Delta R.T. -0.012 min

Lab File: VY013844.D

Acq: 24 May 2023 14:25

Instrument :

MSVOA_Y

ClientSampleId :

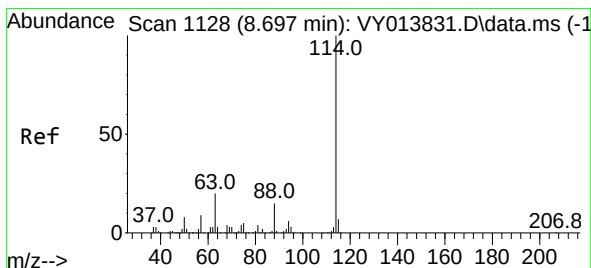
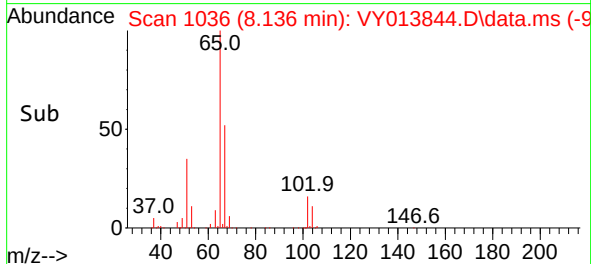
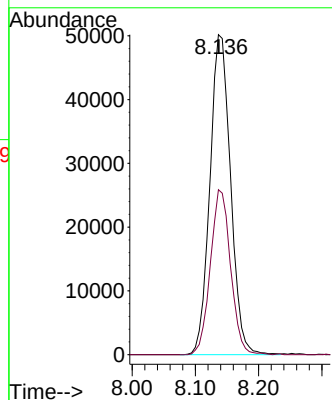
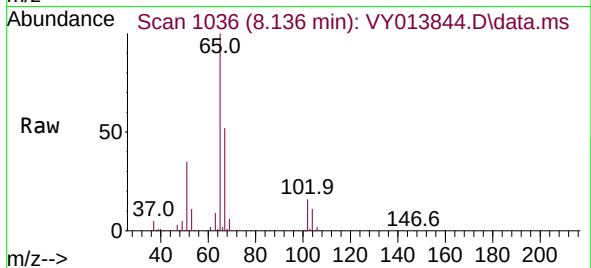
SB01

Tgt Ion: 65 Resp: 113816

Ion Ratio Lower Upper

65 100

67 50.4 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.012 min

Lab File: VY013844.D

Acq: 24 May 2023 14:25

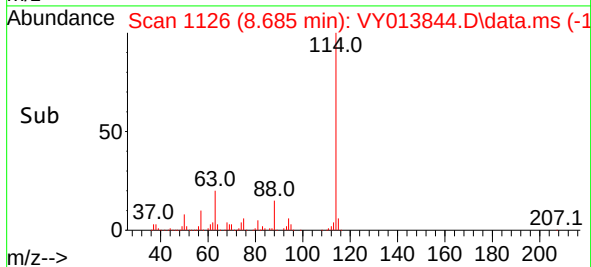
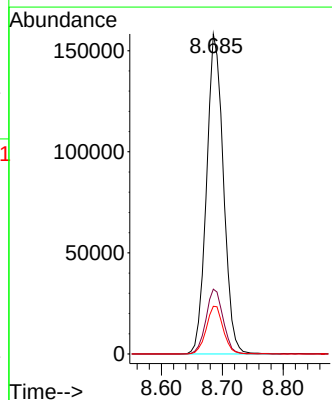
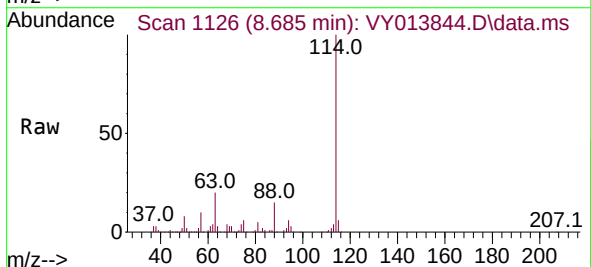
Tgt Ion: 114 Resp: 304437

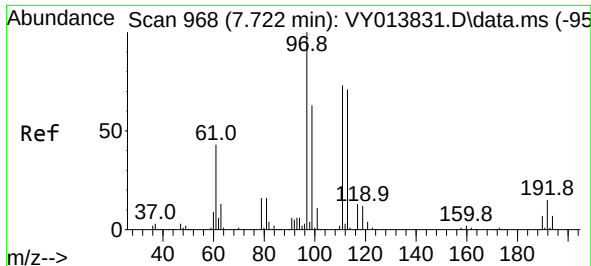
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.2

88 14.9 0.0 30.0

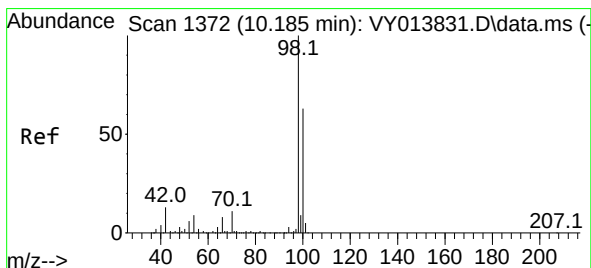
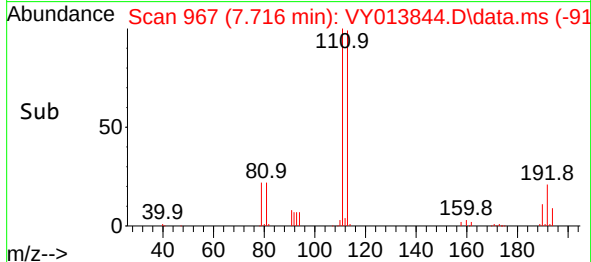
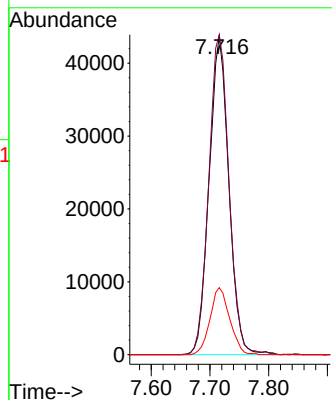
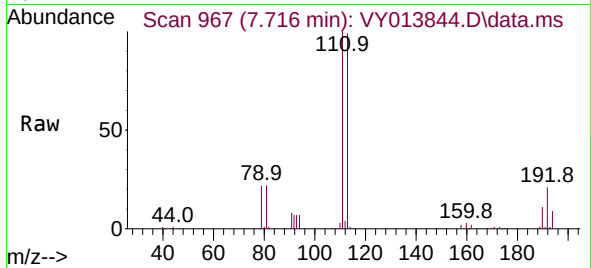




#35
Dibromofluoromethane
Concen: 51.756 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013844.D
Acq: 24 May 2023 14:25

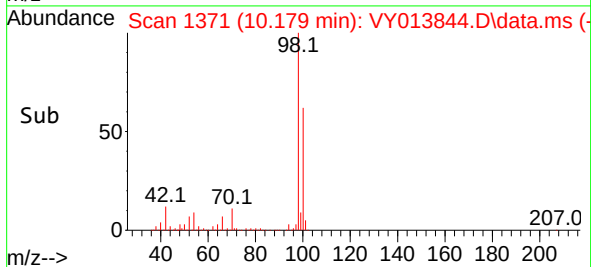
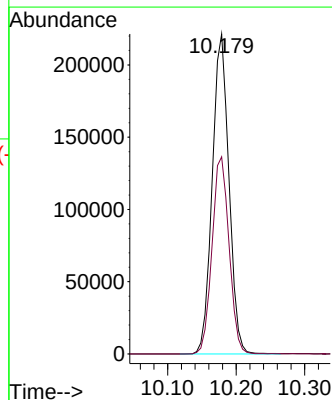
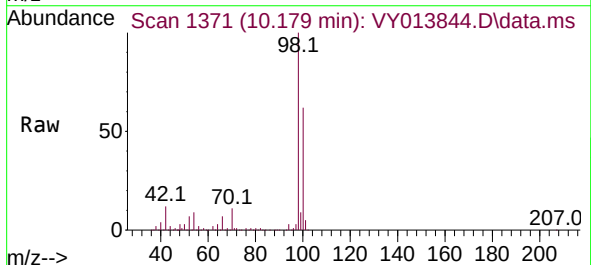
Instrument :
MSVOA_Y
ClientSampleId :
SB01

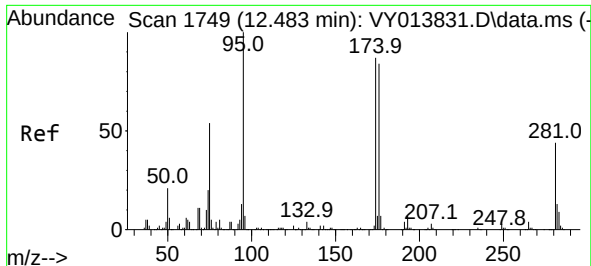
Tgt Ion:113 Resp: 101756
Ion Ratio Lower Upper
113 100
111 103.4 80.4 120.6
192 21.1 16.6 25.0



#50
Toluene-d8
Concen: 49.964 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013844.D
Acq: 24 May 2023 14:25

Tgt Ion: 98 Resp: 373355
Ion Ratio Lower Upper
98 100
100 62.9 50.8 76.2

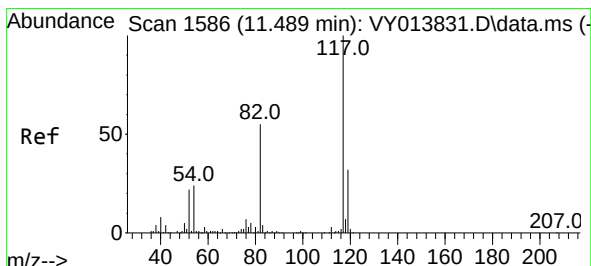
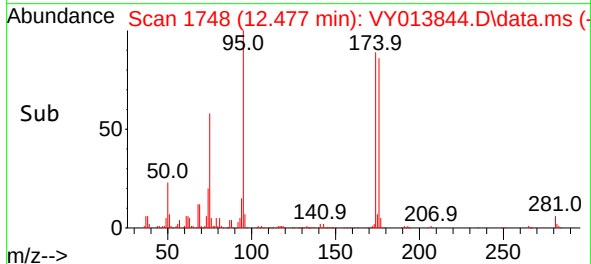
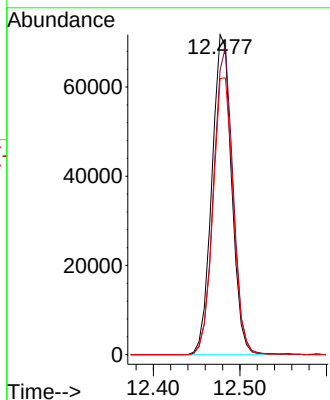
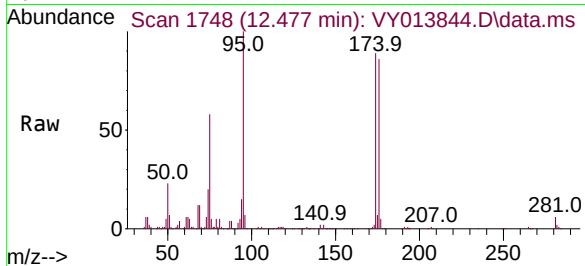




#62
4-Bromofluorobenzene
Concen: 45.734 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013844.D
Acq: 24 May 2023 14:25

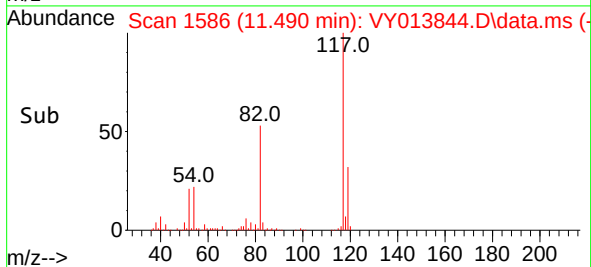
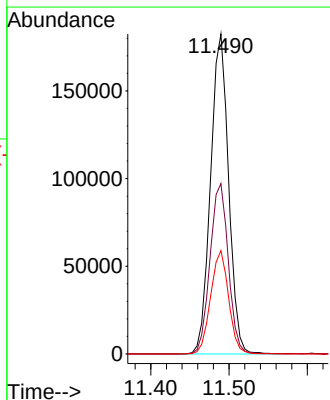
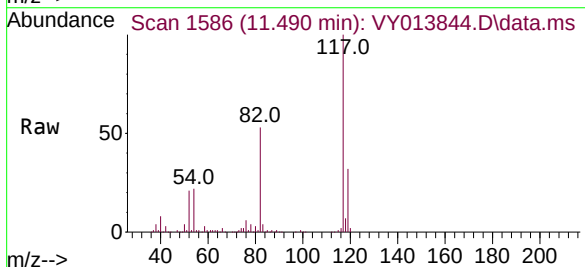
Instrument :
MSVOA_Y
ClientSampleId :
SB01

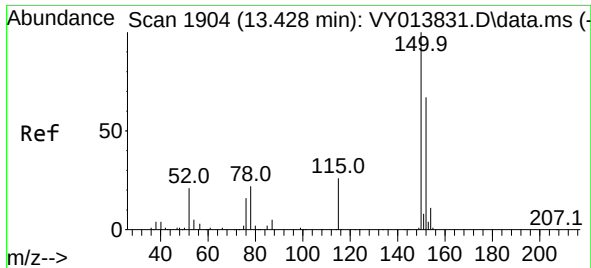
Tgt Ion: 95 Resp: 113595
Ion Ratio Lower Upper
95 100
174 95.1 0.0 176.0
176 89.0 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013844.D
Acq: 24 May 2023 14:25

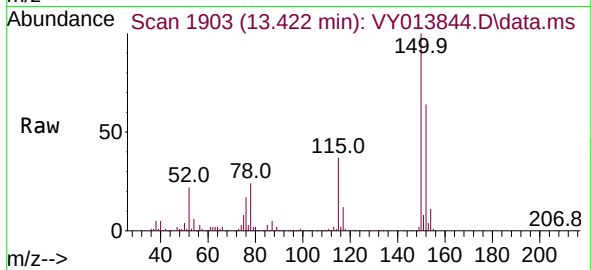
Tgt Ion: 117 Resp: 291603
Ion Ratio Lower Upper
117 100
82 53.3 44.2 66.4
119 32.3 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY013844.D
 Acq: 24 May 2023 14:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB01



Tgt Ion:152 Resp: 124993
 Ion Ratio Lower Upper
 152 100
 115 55.9 28.8 86.5
 150 156.2 0.0 353.4

