

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053023\
 Data File : VY013918.D
 Acq On : 30 May 2023 14:45
 Operator : KP/MD
 Sample : 02945-04RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB17BRE

Quant Time: May 30 15:38:15 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)

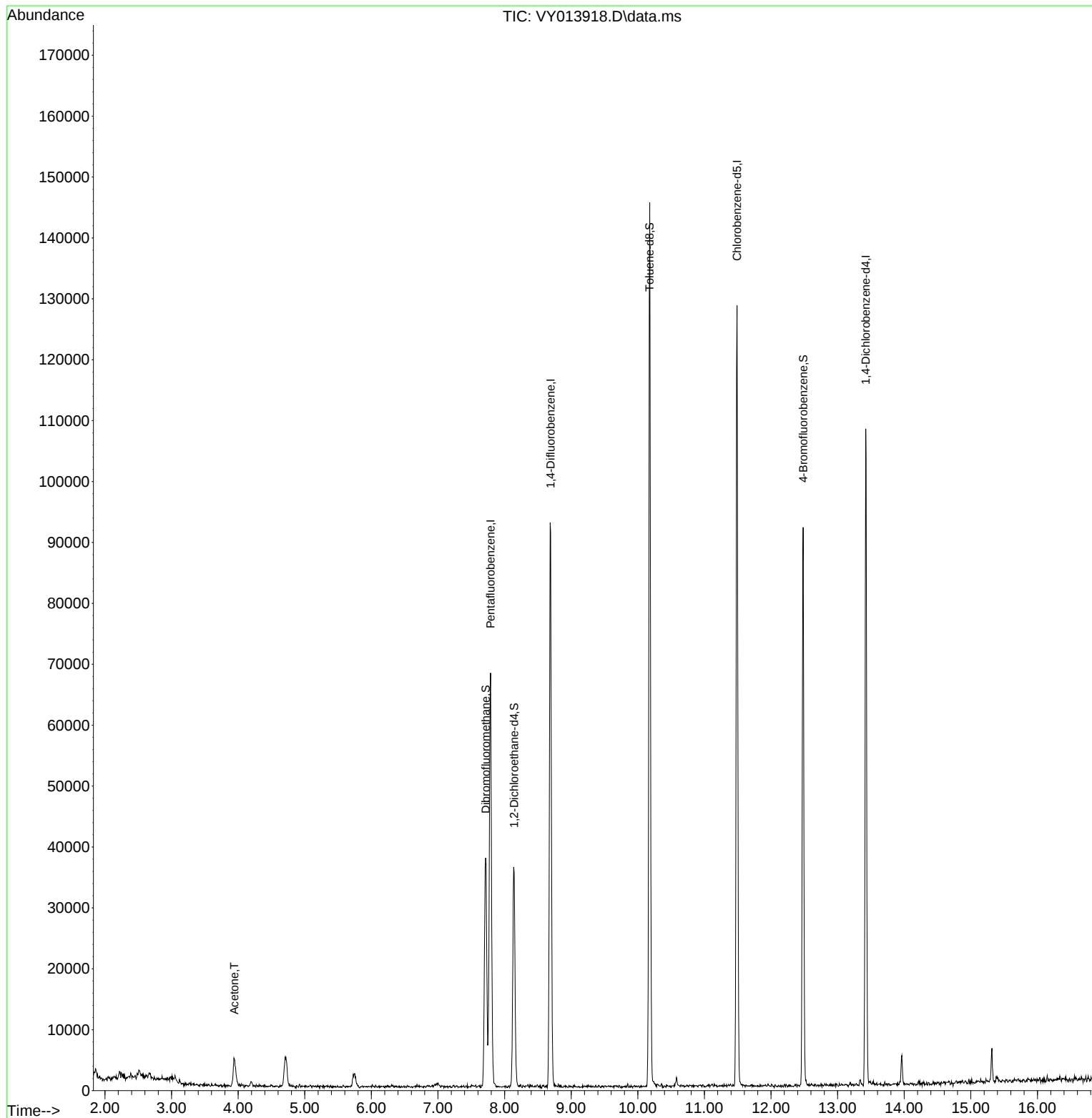
Internal Standards						
1) Pentafluorobenzene	7.789	168	52253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	77150	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	71094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	28564	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	30914	51.138	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.280%	
35) Dibromofluoromethane	7.716	113	26433	53.053	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.100%	
50) Toluene-d8	10.179	98	93316	49.278	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.560%	
62) 4-Bromofluorobenzene	12.483	95	25472	40.467	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 80.940%	
Target Compounds						
16) Acetone	3.942	43	7955	44.337	ug/l	Qvalue # 89

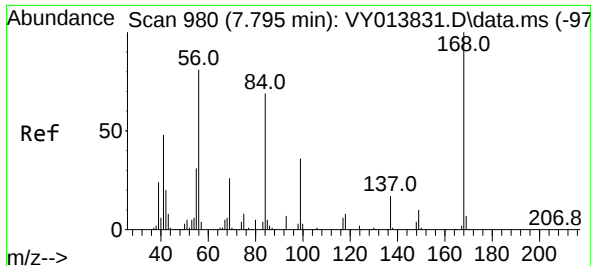
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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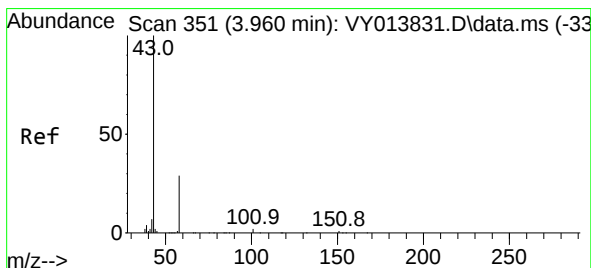
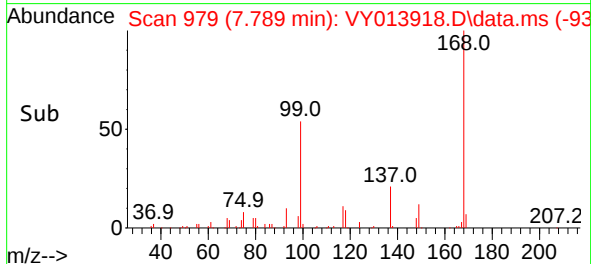
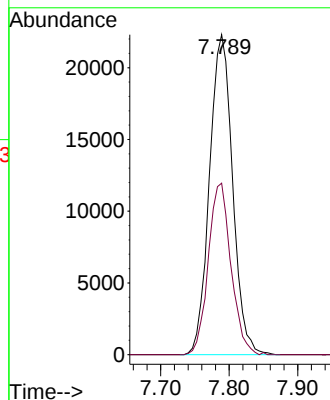
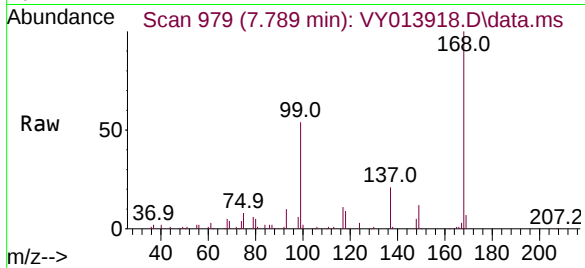




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013918.D
Acq: 30 May 2023 14:45

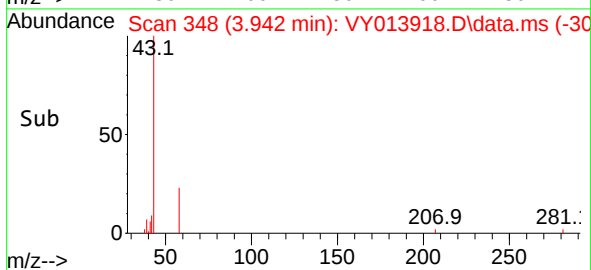
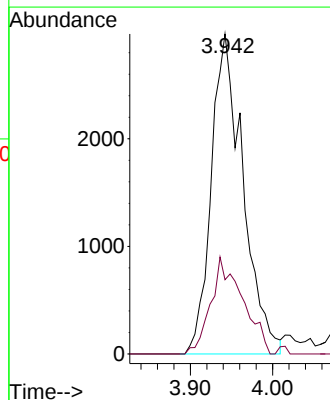
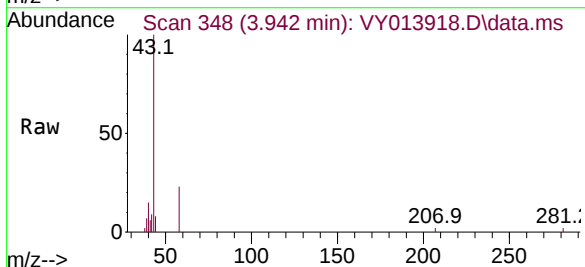
Instrument :
MSVOA_Y
ClientSampleId :
SB17BRE

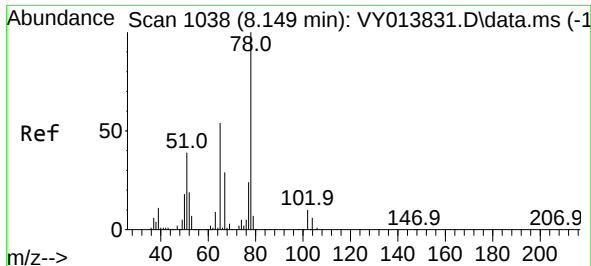
Tgt Ion:168 Resp: 52253
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.2



#16
Acetone
Concen: 44.337 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.018 min
Lab File: VY013918.D
Acq: 30 May 2023 14:45

Tgt Ion: 43 Resp: 7955
Ion Ratio Lower Upper
43 100
58 23.2 23.3 34.9#





#33

1,2-Dichloroethane-d4

Concen: 51.138 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY013918.D

Acq: 30 May 2023 14:45

Instrument :

MSVOA_Y

ClientSampleId :

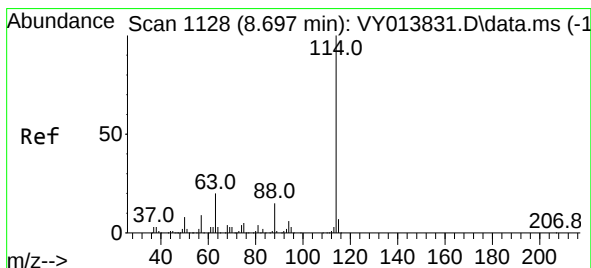
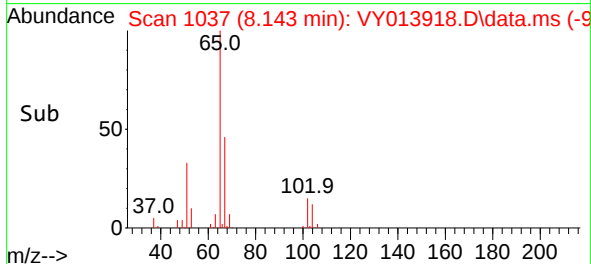
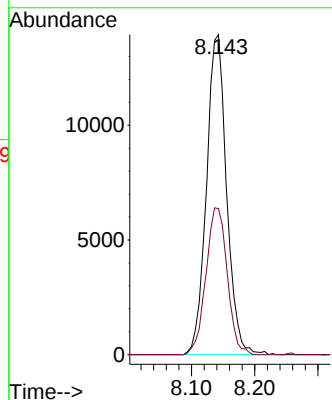
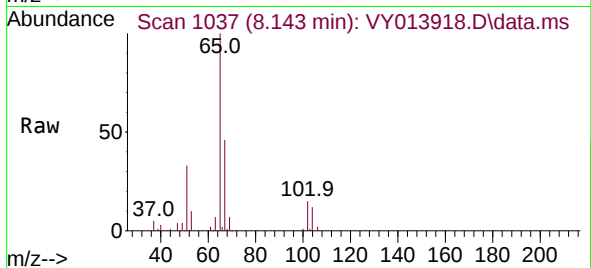
SB17BRE

Tgt Ion: 65 Resp: 30914

Ion Ratio Lower Upper

65 100

67 48.5 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: VY013918.D

Acq: 30 May 2023 14:45

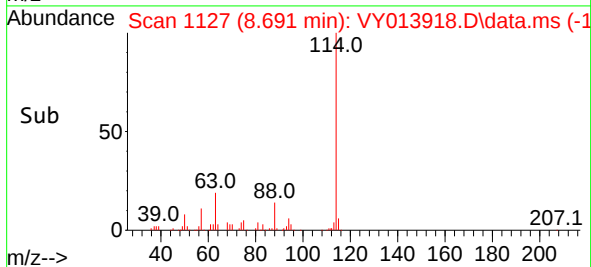
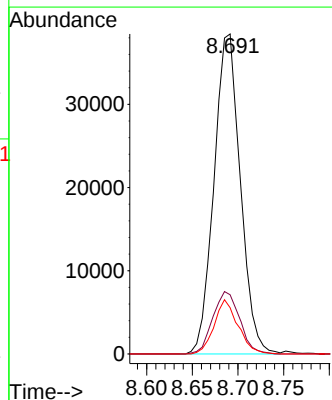
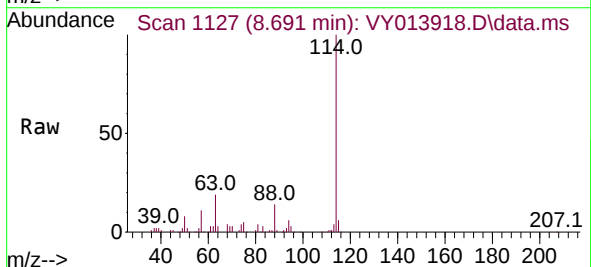
Tgt Ion: 114 Resp: 77150

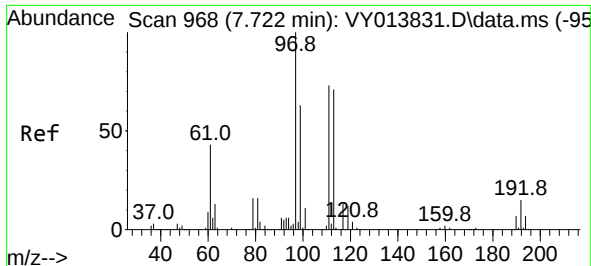
Ion Ratio Lower Upper

114 100

63 18.5 0.0 40.2

88 14.5 0.0 30.0

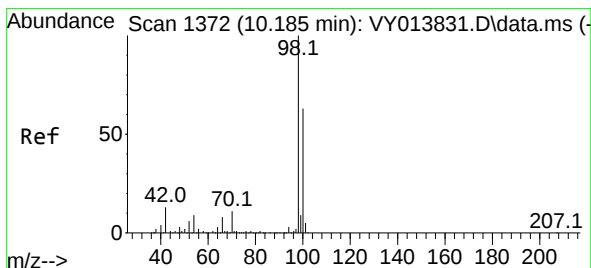
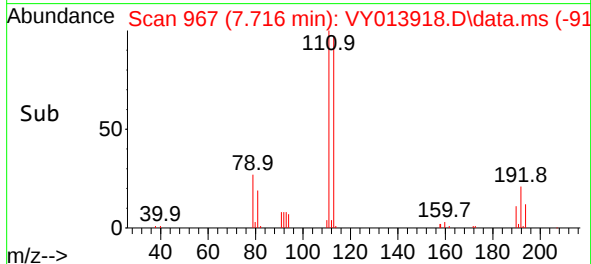
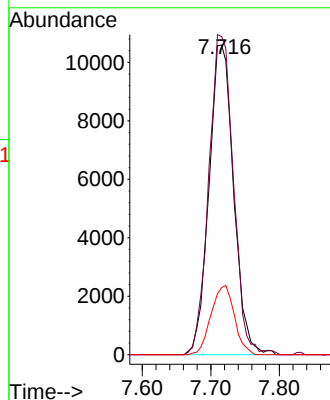
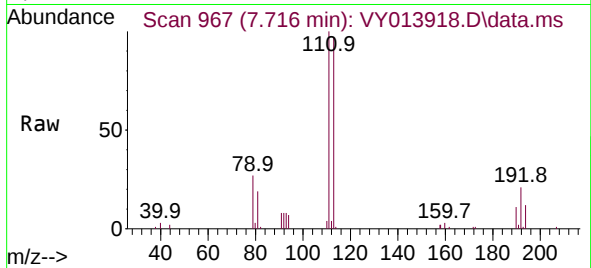




#35
Dibromofluoromethane
Concen: 53.053 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013918.D
Acq: 30 May 2023 14:45

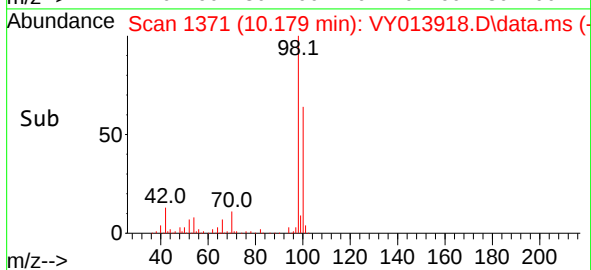
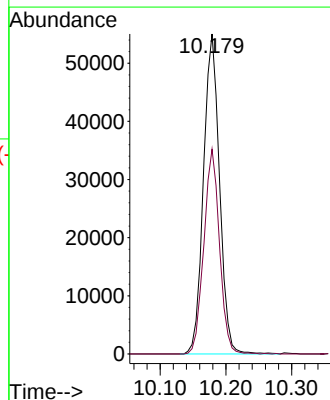
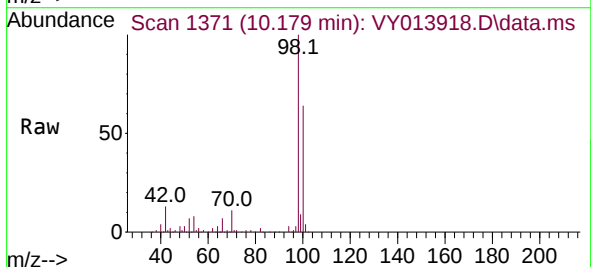
Instrument :
MSVOA_Y
ClientSampleId :
SB17BRE

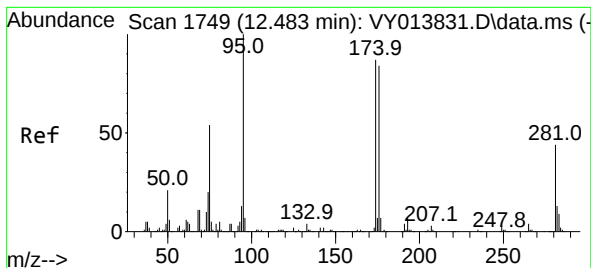
Tgt Ion:113 Resp: 26433
Ion Ratio Lower Upper
113 100
111 103.2 80.4 120.6
192 21.2 16.6 25.0



#50
Toluene-d8
Concen: 49.278 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013918.D
Acq: 30 May 2023 14:45

Tgt Ion: 98 Resp: 93316
Ion Ratio Lower Upper
98 100
100 62.4 50.8 76.2

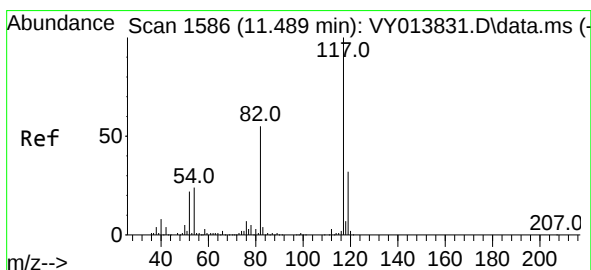
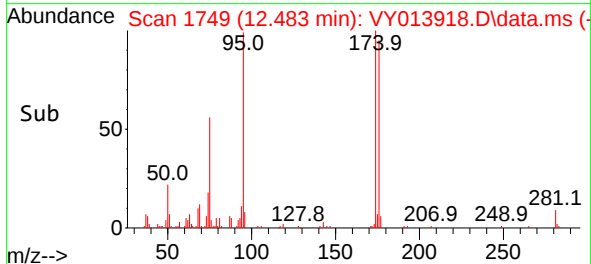
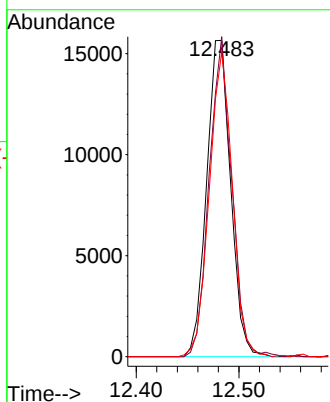
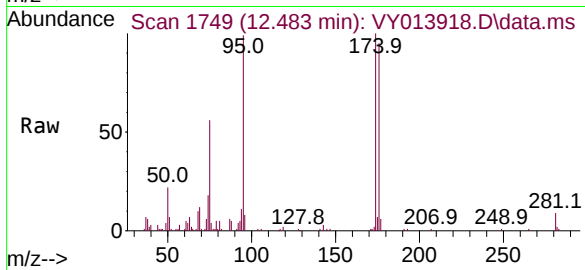




#62
4-Bromofluorobenzene
Concen: 40.467 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013918.D
Acq: 30 May 2023 14:45

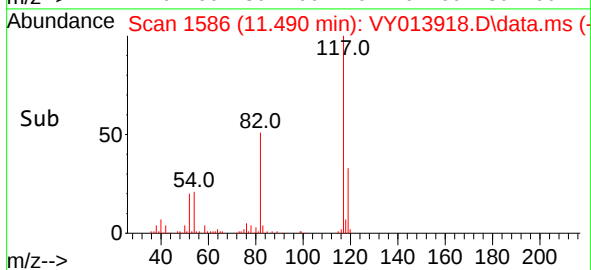
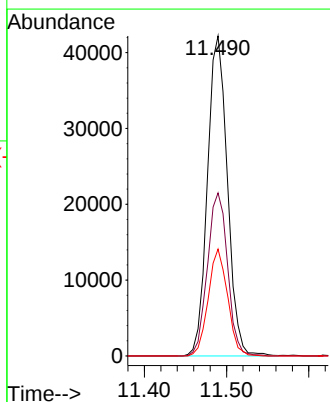
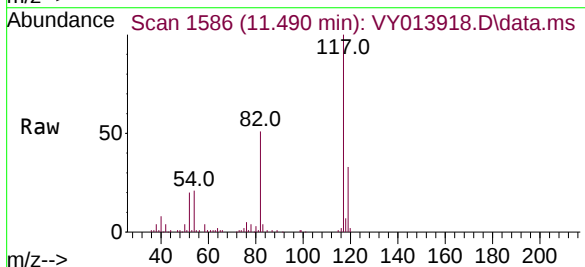
Instrument :
MSVOA_Y
ClientSampleId :
SB17BRE

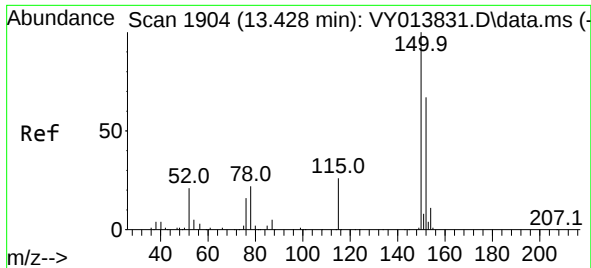
Tgt Ion: 95 Resp: 25472
Ion Ratio Lower Upper
95 100
174 94.7 0.0 176.0
176 92.4 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013918.D
Acq: 30 May 2023 14:45

Tgt Ion: 117 Resp: 71094
Ion Ratio Lower Upper
117 100
82 50.9 44.2 66.4
119 33.4 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: VY013918.D

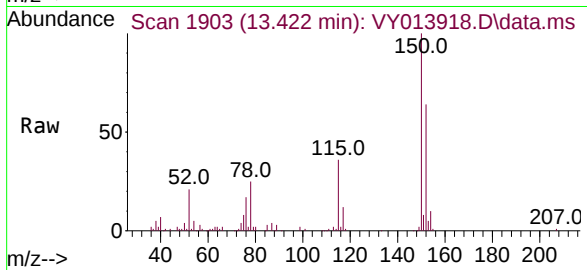
Acq: 30 May 2023 14:45

Instrument :

MSVOA_Y

ClientSampleId :

SB17BRE



Tgt Ion:152 Resp: 28564

Ion Ratio Lower Upper

152 100

115 54.8 28.8 86.5

150 158.0 0.0 353.4

