

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053023\
 Data File : VY013917.D
 Acq On : 30 May 2023 14:22
 Operator : KP/MD
 Sample : 02945-03
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB17A

Quant Time: May 30 15:38:04 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)

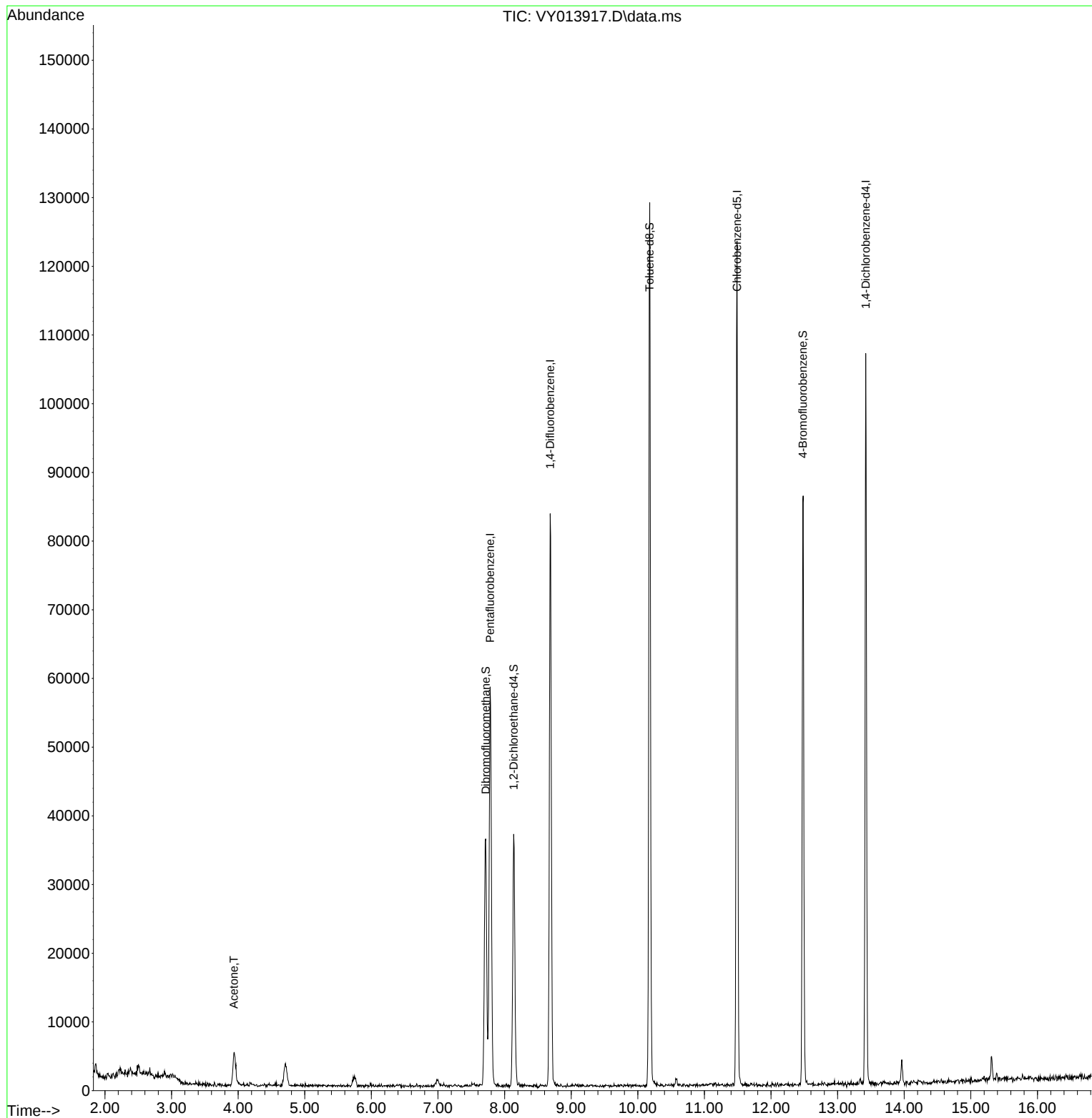
Internal Standards						
1) Pentafluorobenzene	7.783	168	45236	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	69895	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	65044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	27112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	29835	57.009	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.020%
35) Dibromofluoromethane	7.716	113	25164	55.748	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.500%
50) Toluene-d8	10.179	98	85424	49.793	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.580%
62) 4-Bromofluorobenzene	12.477	95	24434	42.847	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.700%
Target Compounds						
16) Acetone	3.936	43	9135	58.812	ug/l	Qvalue 98

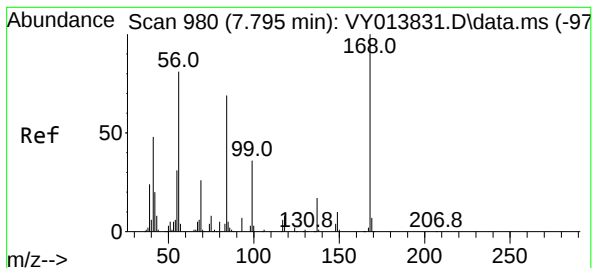
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.012 min

Lab File: VY013917.D

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MSVOA_Y

ClientSampleId :

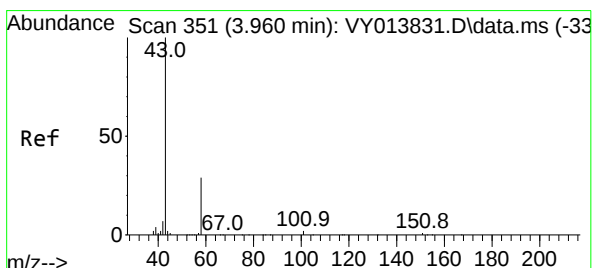
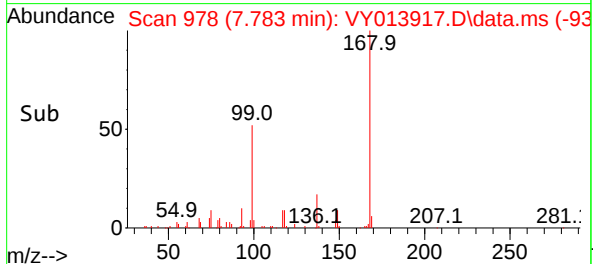
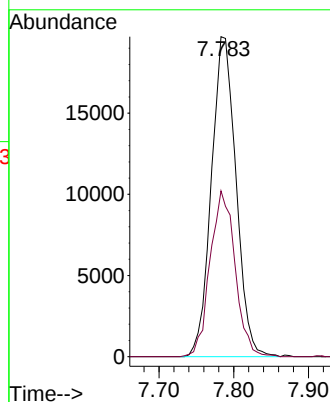
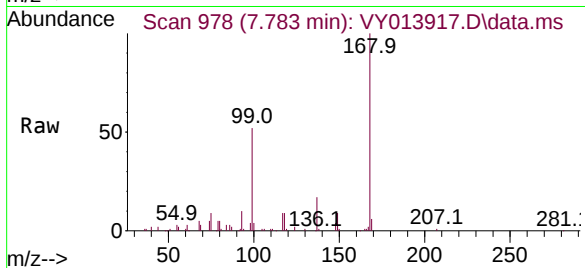
SB17A

Tgt Ion:168 Resp: 45236

Ion Ratio Lower Upper

168 100

99 51.8 43.4 65.2



#16

Acetone

Concen: 58.812 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.024 min

Lab File: VY013917.D

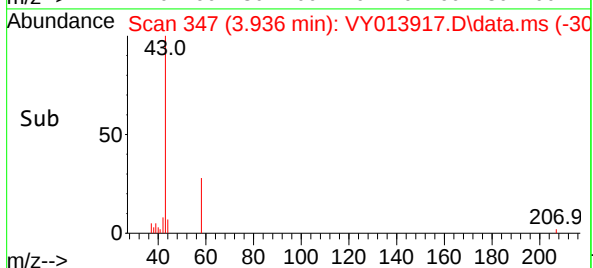
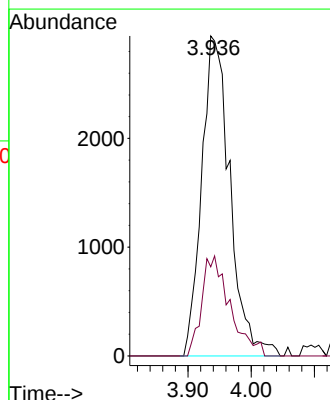
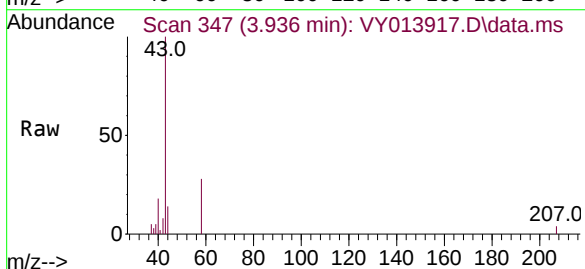
Acq: 30 May 2023 14:22

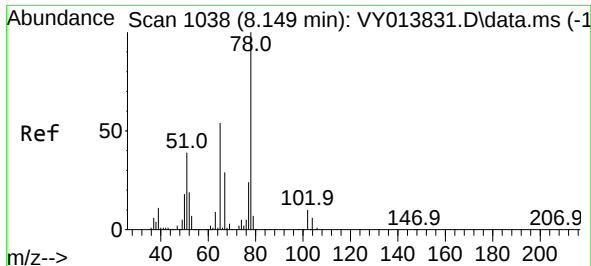
Tgt Ion: 43 Resp: 9135

Ion Ratio Lower Upper

43 100

58 27.8 23.3 34.9





#33

1,2-Dichloroethane-d4

Concen: 57.009 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY013917.D

Acq: 30 May 2023 14:22

Instrument :

MSVOA_Y

ClientSampleId :

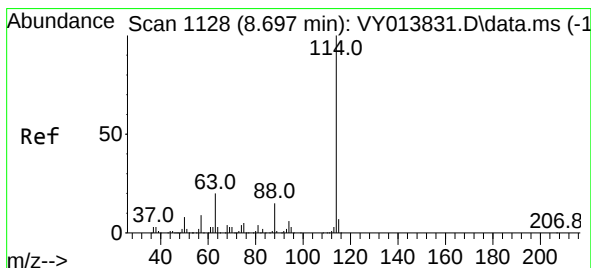
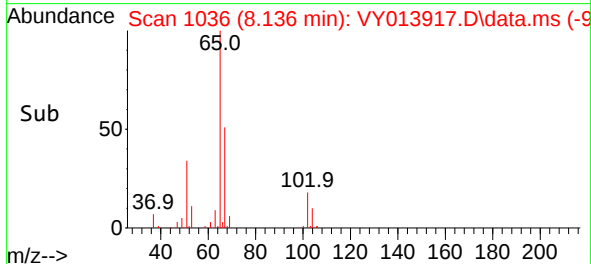
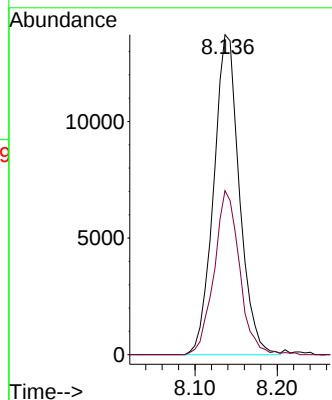
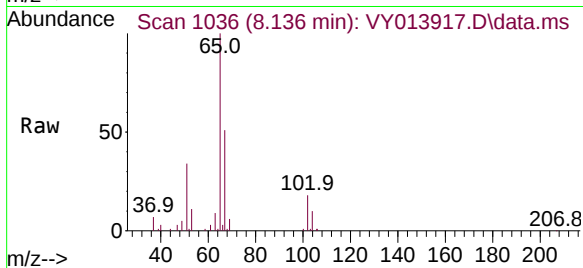
SB17A

Tgt Ion: 65 Resp: 29835

Ion Ratio Lower Upper

65 100

67 50.9 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: VY013917.D

Acq: 30 May 2023 14:22

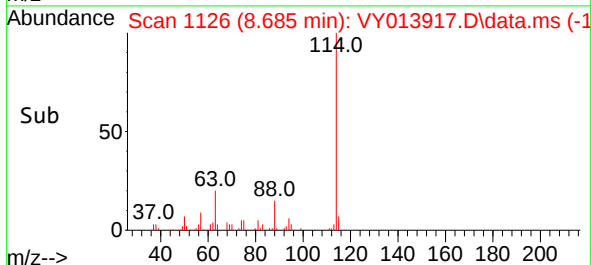
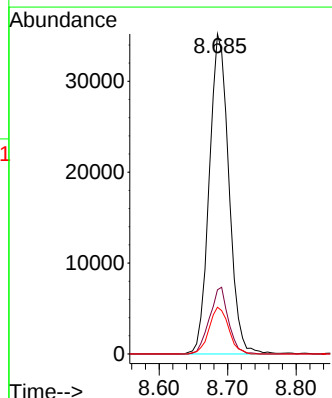
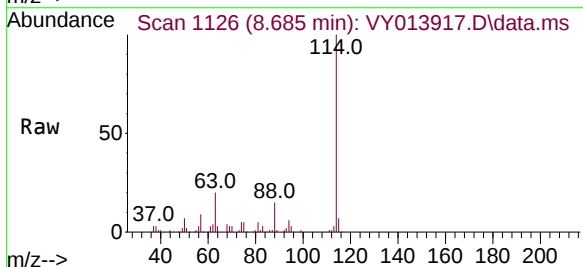
Tgt Ion: 114 Resp: 69895

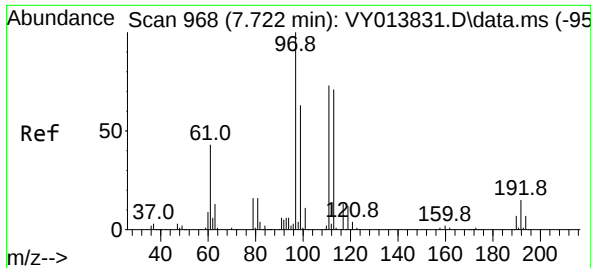
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.2

88 14.6 0.0 30.0

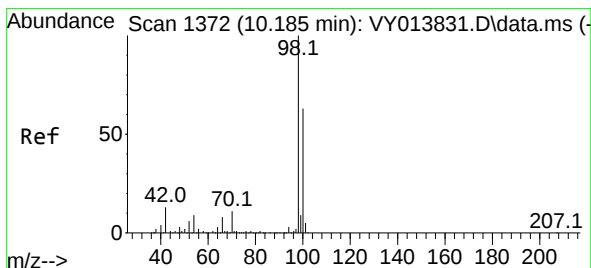
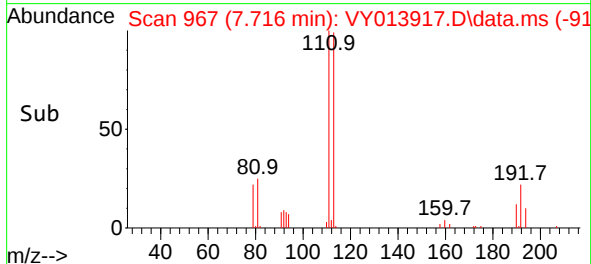
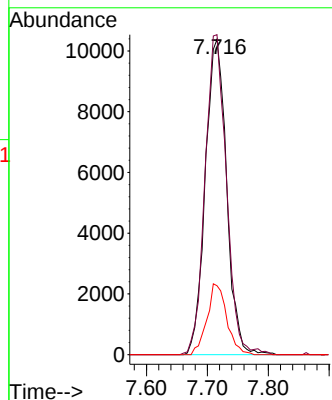
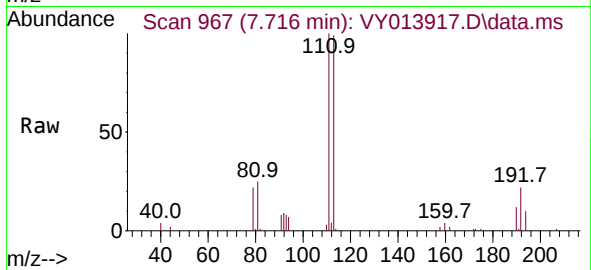




#35
Dibromofluoromethane
Concen: 55.748 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY013917.D
Acq: 30 May 2023 14:22

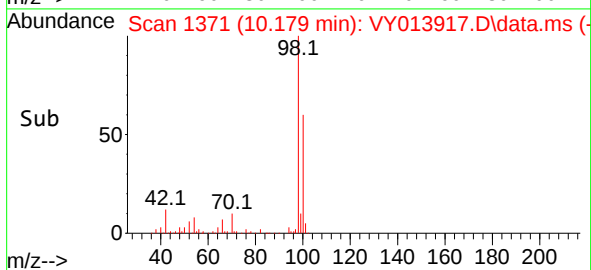
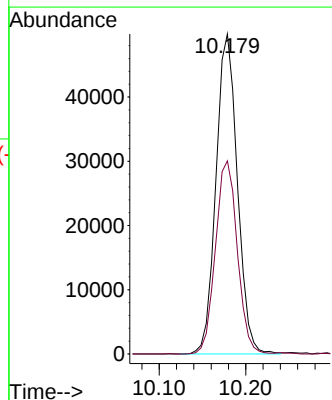
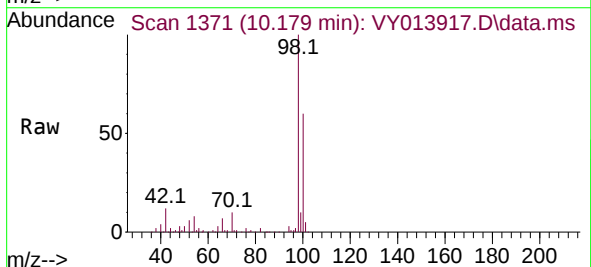
Instrument :
MSVOA_Y
ClientSampleId :
SB17A

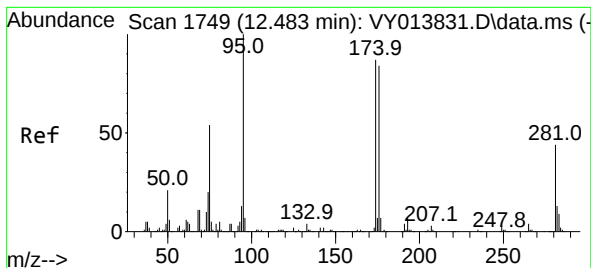
Tgt Ion:113 Resp: 25164
Ion Ratio Lower Upper
113 100
111 101.8 80.4 120.6
192 20.9 16.6 25.0



#50
Toluene-d8
Concen: 49.793 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013917.D
Acq: 30 May 2023 14:22

Tgt Ion: 98 Resp: 85424
Ion Ratio Lower Upper
98 100
100 61.6 50.8 76.2

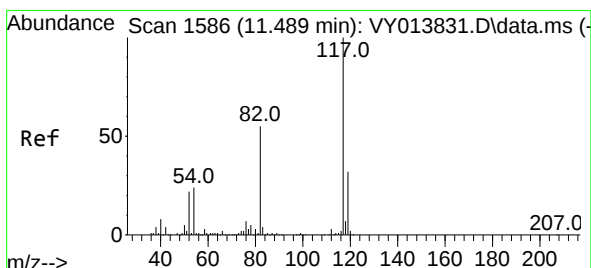
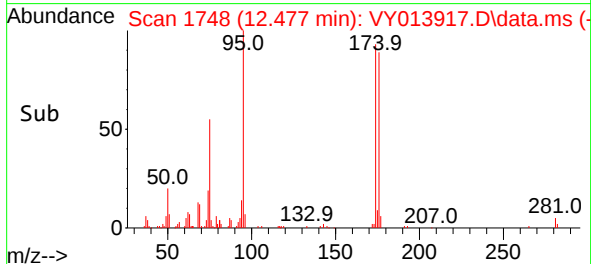
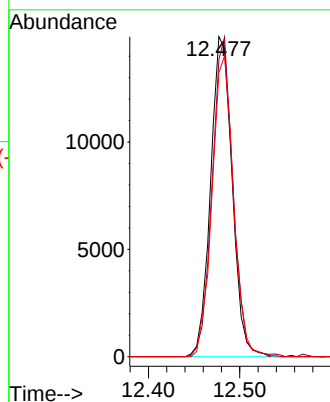
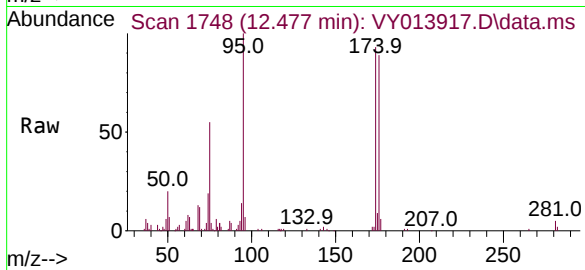




#62
4-Bromofluorobenzene
Concen: 42.847 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013917.D
Acq: 30 May 2023 14:22

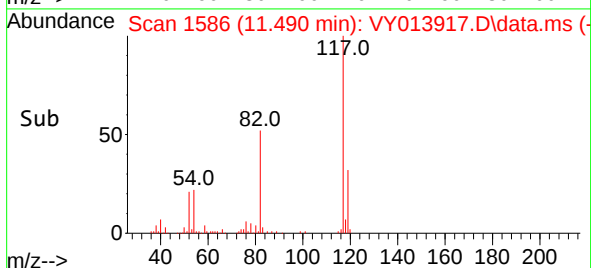
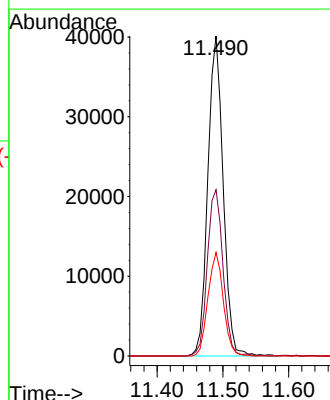
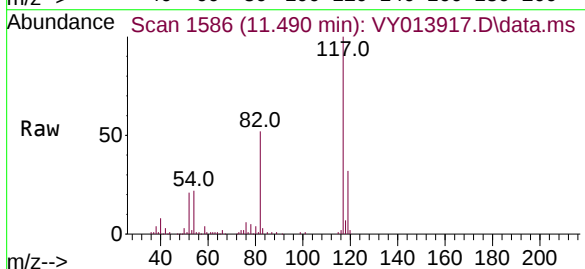
Instrument :
MSVOA_Y
ClientSampleId :
SB17A

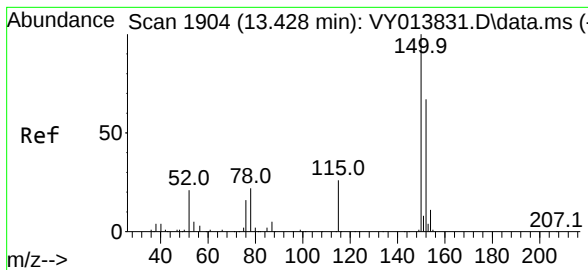
Tgt Ion: 95 Resp: 24434
Ion Ratio Lower Upper
95 100
174 96.8 0.0 176.0
176 93.4 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013917.D
Acq: 30 May 2023 14:22

Tgt Ion: 117 Resp: 65044
Ion Ratio Lower Upper
117 100
82 52.0 44.2 66.4
119 32.4 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: VY013917.D
 Acq: 30 May 2023 14:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB17A

Tgt Ion:152 Resp: 27112
 Ion Ratio Lower Upper
 152 100
 115 56.4 28.8 86.5
 150 157.4 0.0 353.4

