

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042023\
 Data File : VY013376.D
 Acq On : 20 Apr 2023 18:21
 Operator : KP/MD
 Sample : 02406-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-13-6.5-7.0

Quant Time: Apr 21 02:16:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

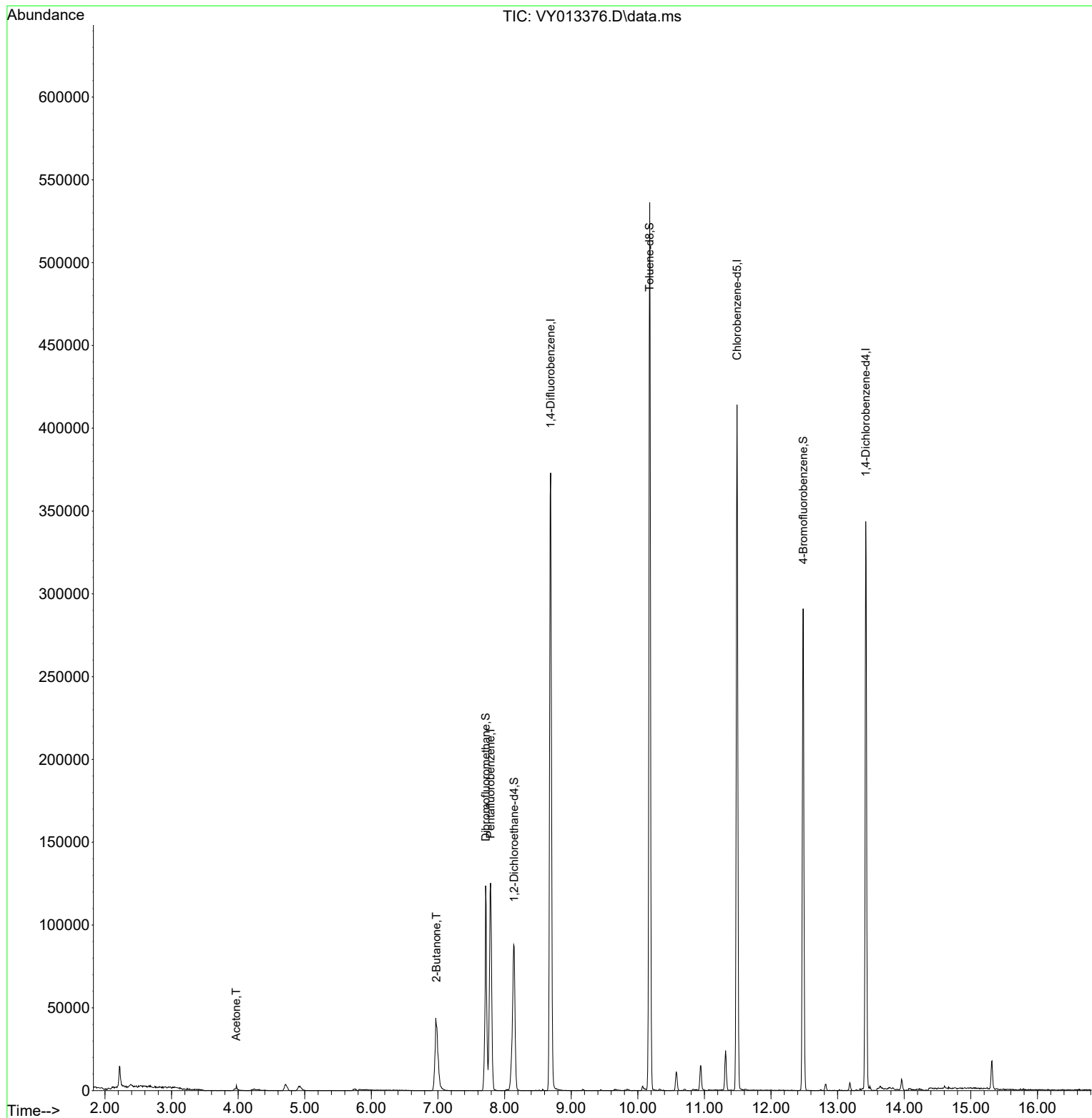
Internal Standards						
1) Pentafluorobenzene	7.789	168	94721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	315867	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	223140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	89745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	75564	66.382	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.760%
35) Dibromofluoromethane	7.716	113	56302	27.533	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	55.060%
50) Toluene-d8	10.179	98	341434	44.858	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.720%
62) 4-Bromofluorobenzene	12.483	95	68160	27.561	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	55.120%
Target Compounds						
16) Acetone	3.973	43	4296	10.976	ug/l	100
25) 2-Butanone	6.978	43	2571	5.130	ug/l #	70

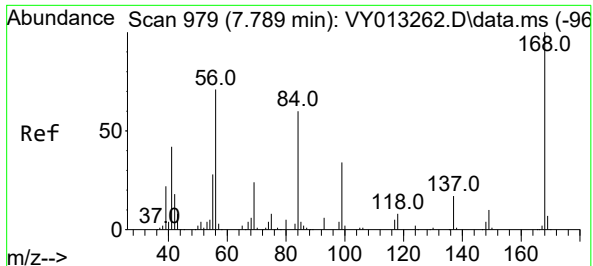
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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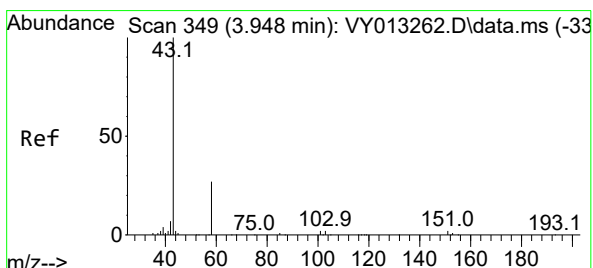
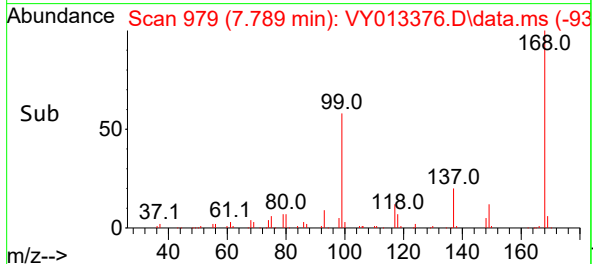
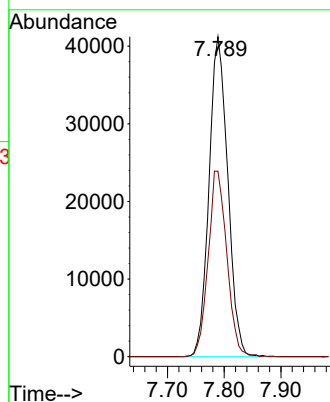
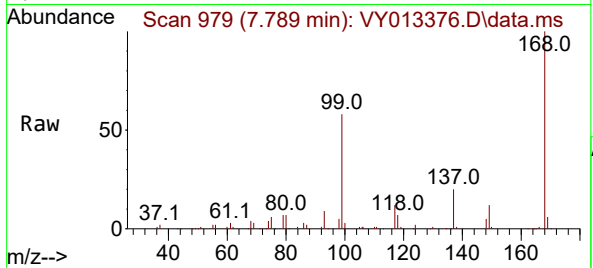




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013376.D
Acq: 20 Apr 2023 18:21

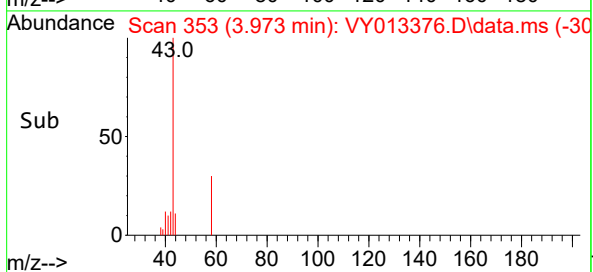
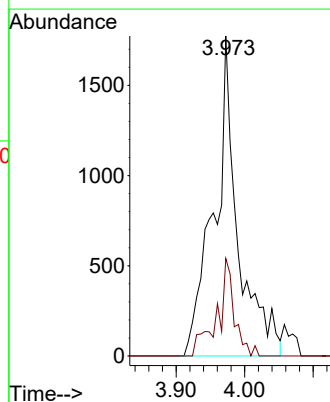
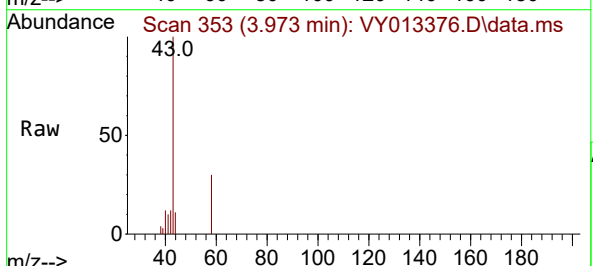
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-6.5-7.0

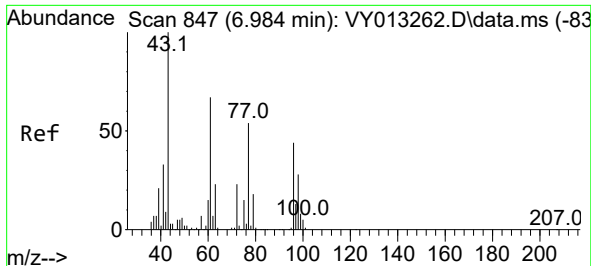
Tgt Ion:168 Resp: 94721
Ion Ratio Lower Upper
168 100
99 58.0 41.7 62.5



#16
Acetone
Concen: 10.976 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.024 min
Lab File: VY013376.D
Acq: 20 Apr 2023 18:21

Tgt Ion: 43 Resp: 4296
Ion Ratio Lower Upper
43 100
58 30.4 24.2 36.2

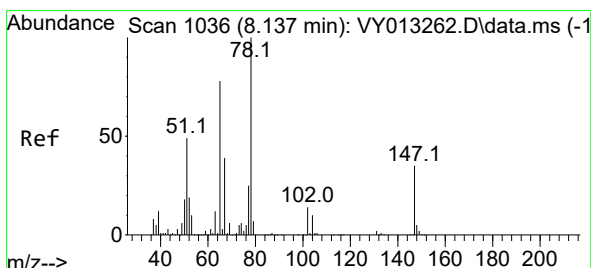
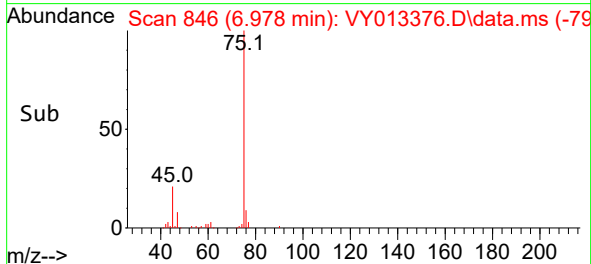
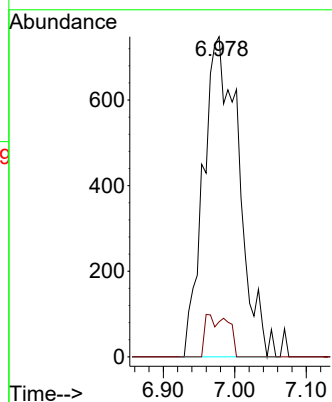
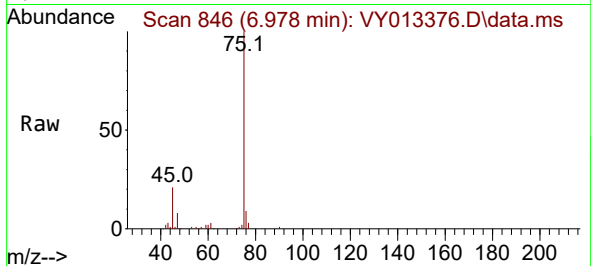




#25
2-Butanone
Concen: 5.130 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY013376.D
Acq: 20 Apr 2023 18:21

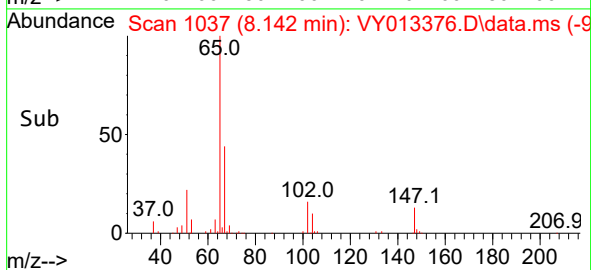
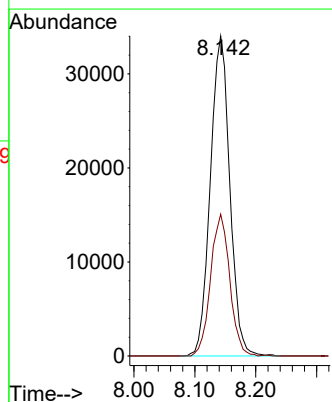
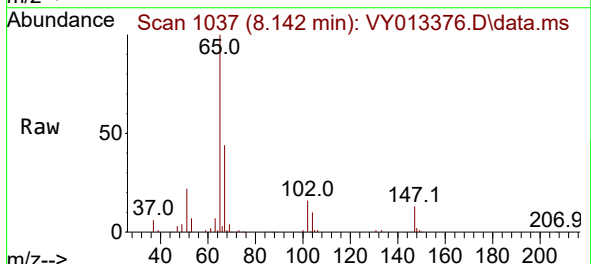
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-6.5-7.0

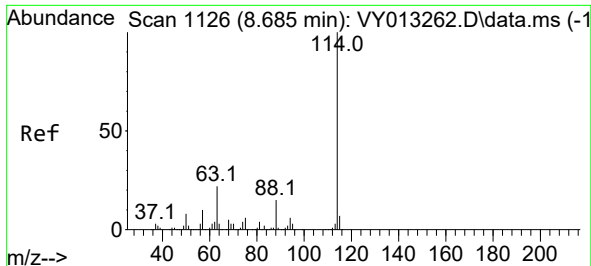
Tgt Ion: 43 Resp: 2571
Ion Ratio Lower Upper
43 100
72 11.0 21.0 31.4#



#33
1,2-Dichloroethane-d4
Concen: 66.382 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013376.D
Acq: 20 Apr 2023 18:21

Tgt Ion: 65 Resp: 75564
Ion Ratio Lower Upper
65 100
67 43.6 0.0 104.0

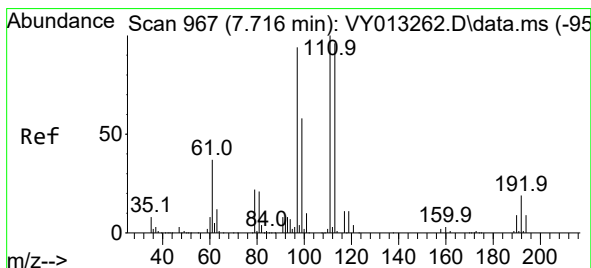
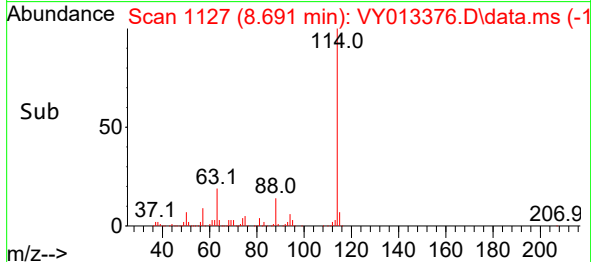
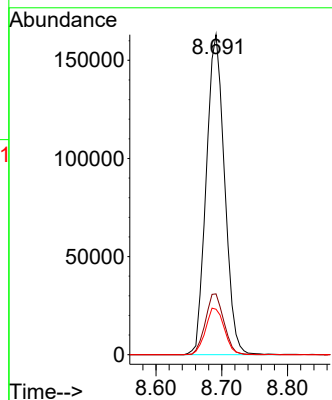
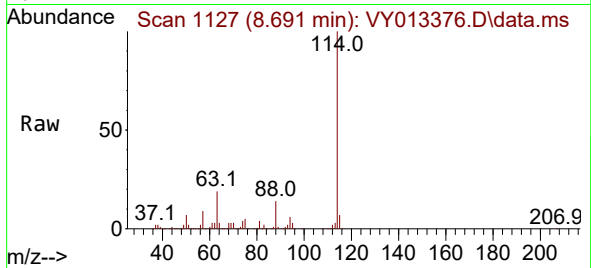




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY013376.D
Acq: 20 Apr 2023 18:21

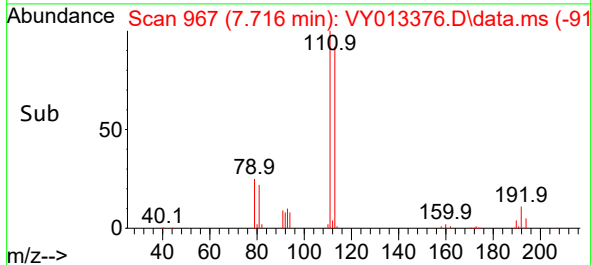
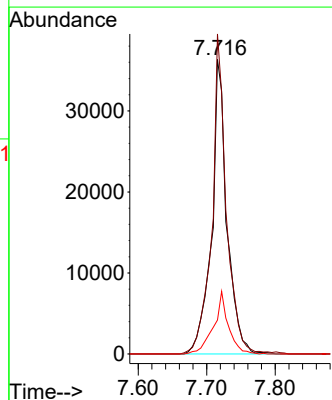
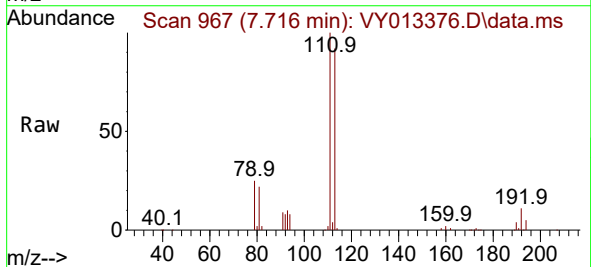
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-6.5-7.0

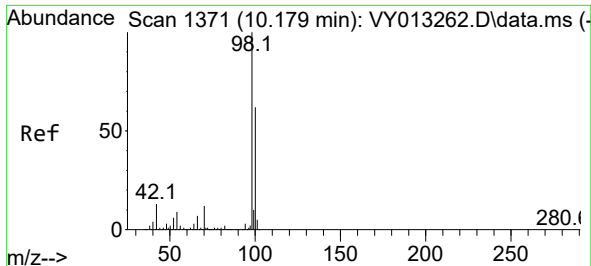
Tgt Ion:114 Resp: 315867
Ion Ratio Lower Upper
114 100
63 19.0 0.0 37.4
88 14.2 0.0 28.6



#35
Dibromofluoromethane
Concen: 27.533 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013376.D
Acq: 20 Apr 2023 18:21

Tgt Ion:113 Resp: 56302
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 20.6 16.8 25.2

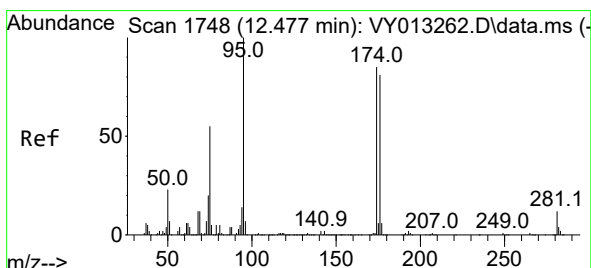
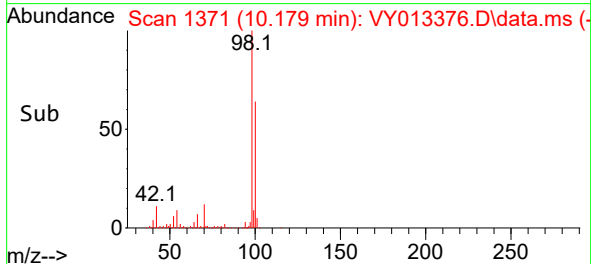
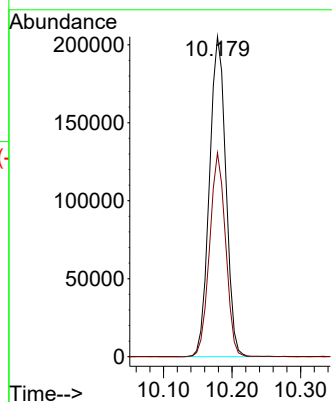
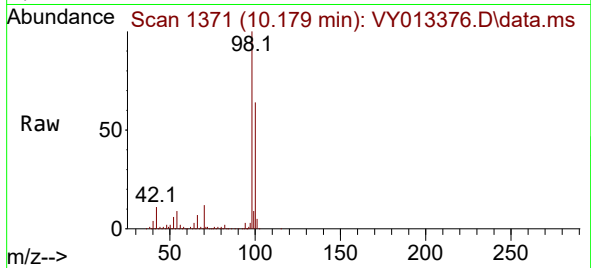




#50
Toluene-d8
Concen: 44.858 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013376.D
Acq: 20 Apr 2023 18:21

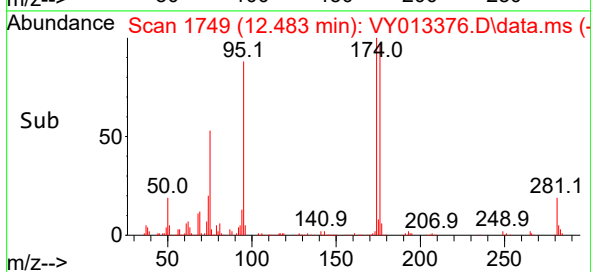
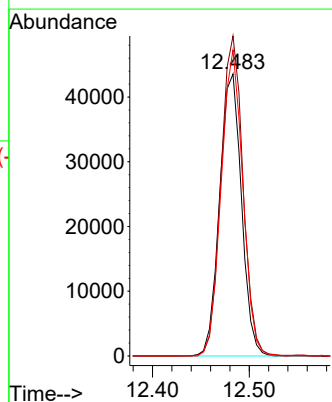
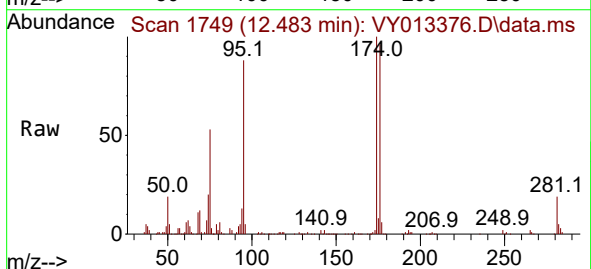
Instrument :
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ClientSampleId :
SB-13-6.5-7.0

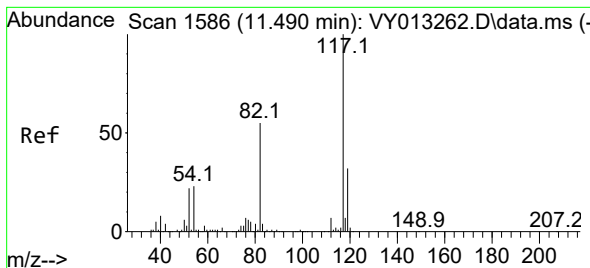
Tgt Ion: 98 Resp: 341434
Ion Ratio Lower Upper
98 100
100 62.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 27.561 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013376.D
Acq: 20 Apr 2023 18:21

Tgt Ion: 95 Resp: 68160
Ion Ratio Lower Upper
95 100
174 114.3 0.0 176.6
176 107.5 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013376.D

Acq: 20 Apr 2023 18:21

Instrument :

MSVOA_Y

ClientSampleId :

SB-13-6.5-7.0

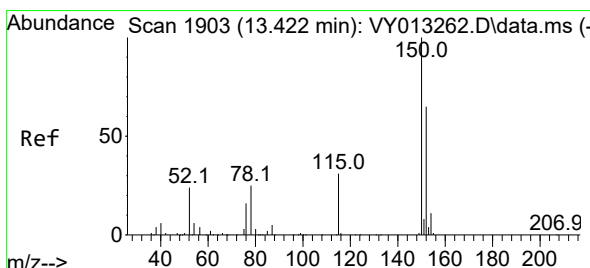
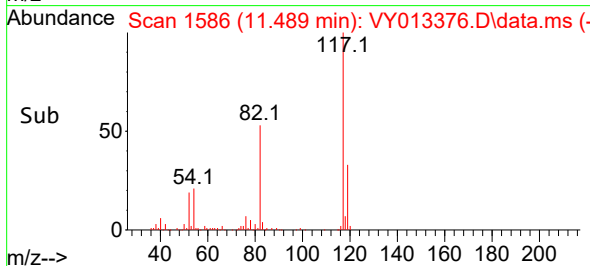
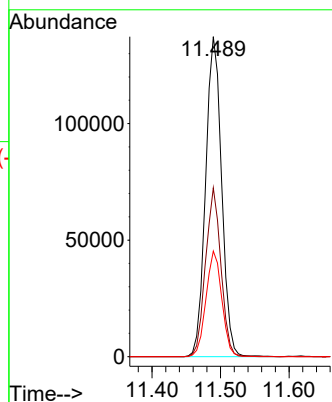
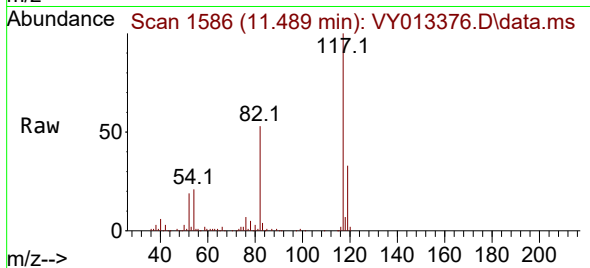
Tgt Ion:117 Resp: 223140

Ion Ratio Lower Upper

117 100

82 52.7 45.4 68.0

119 33.0 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY013376.D

Acq: 20 Apr 2023 18:21

Tgt Ion:152 Resp: 89745

Ion Ratio Lower Upper

152 100

115 54.6 27.1 81.3

150 157.7 0.0 347.8

