

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052623\
 Data File : VY013896.D
 Acq On : 26 May 2023 16:23
 Operator : KP/MD
 Sample : 02920-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 280608RE

Quant Time: May 29 04:34:03 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)

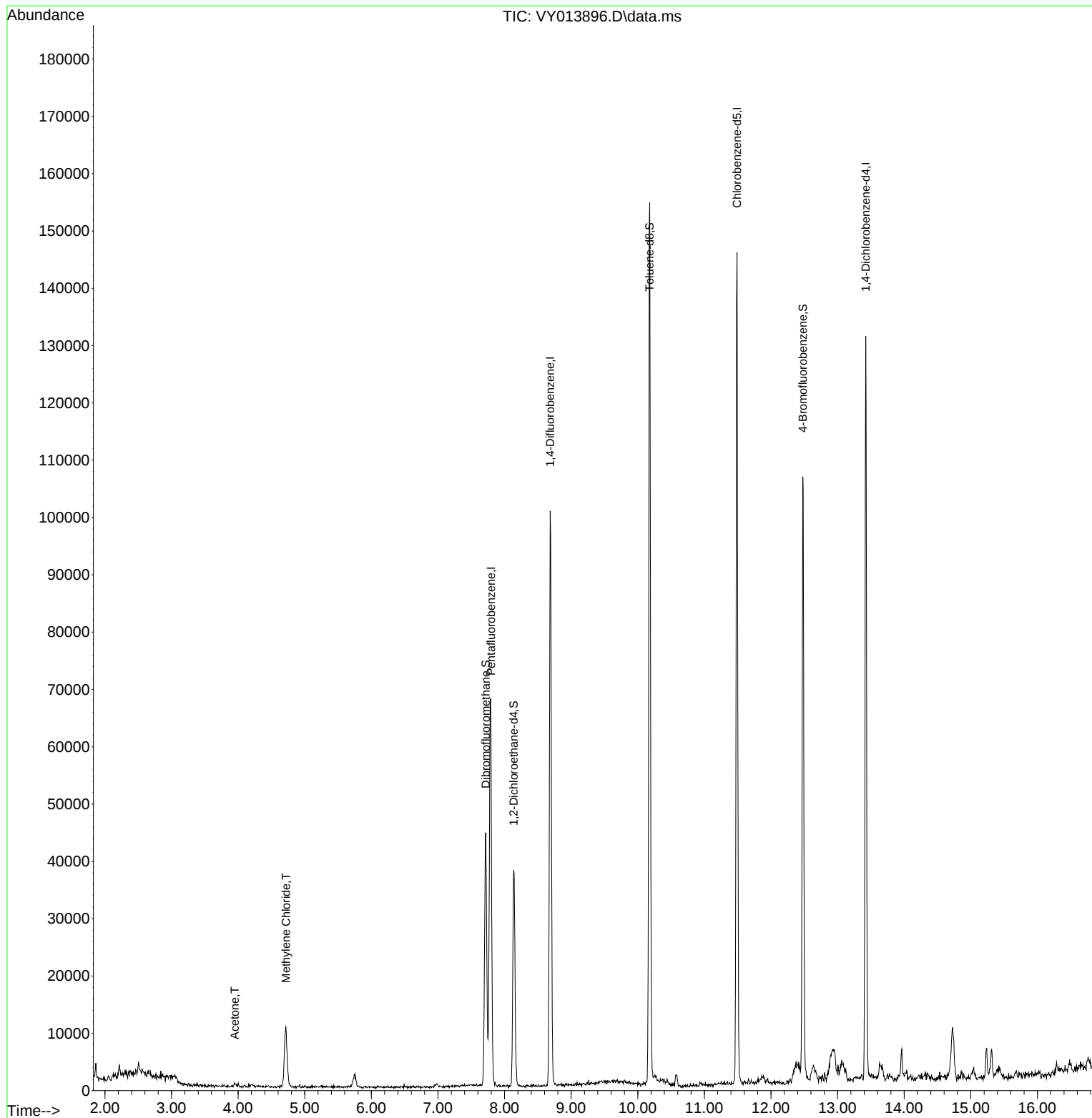
Internal Standards						
1) Pentafluorobenzene	7.795	168	53782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	84214	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	78235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	32412	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	32471	52.187	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.380%	
35) Dibromofluoromethane	7.716	113	29165	53.626	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.260%	
50) Toluene-d8	10.179	98	102108	49.398	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.800%	
62) 4-Bromofluorobenzene	12.477	95	29508	42.947	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 85.900%	
Target Compounds						Qvalue
16) Acetone	3.948	43	794	4.300	ug/l	94
20) Methylene Chloride	4.716	84	7167	8.856	ug/l #	92

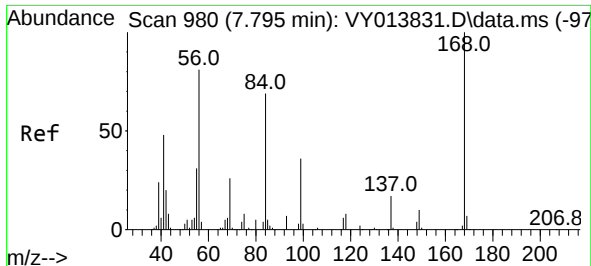
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052623\
Data File : VY013896.D
Acq On : 26 May 2023 16:23
Operator : KP/MD
Sample : 02920-01RE
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
280608RE

Quant Time: May 29 04:34:03 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

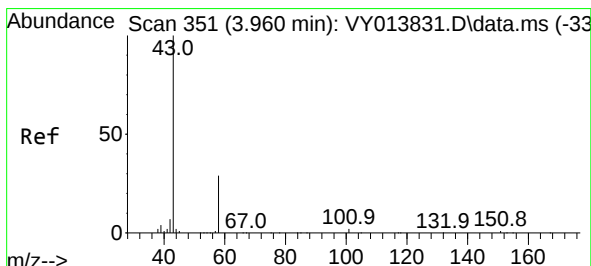
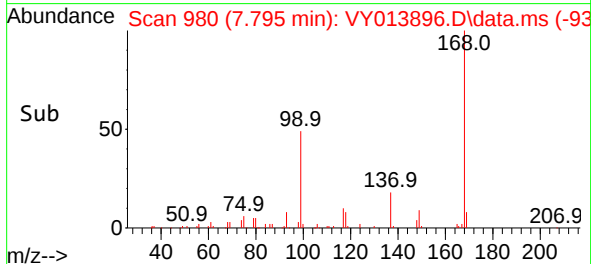
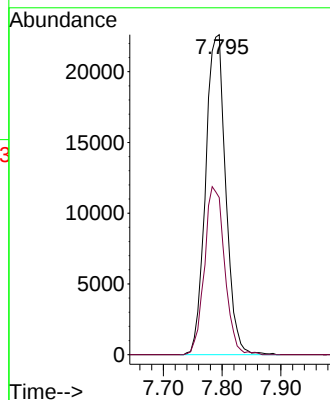
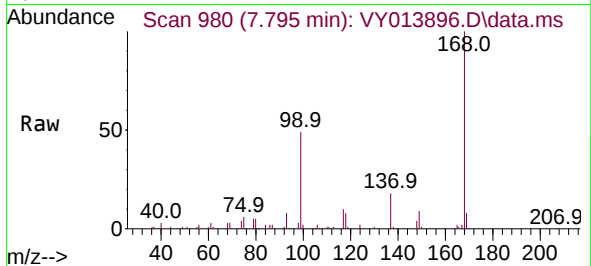




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013896.D
Acq: 26 May 2023 16:23

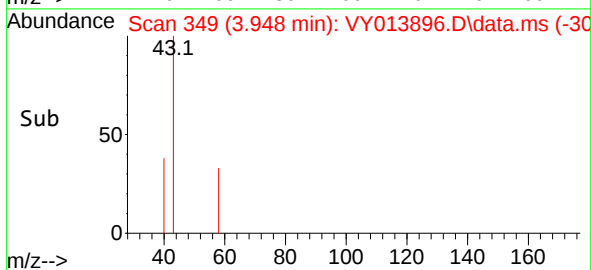
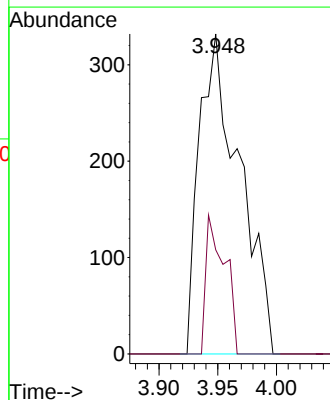
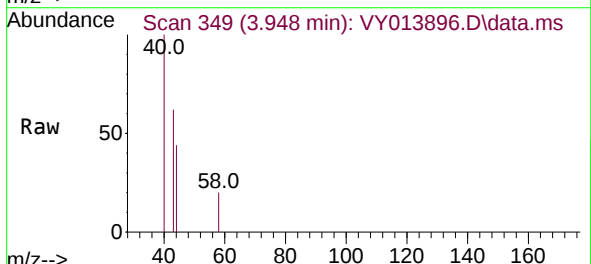
Instrument :
MSVOA_Y
ClientSampleId :
280608RE

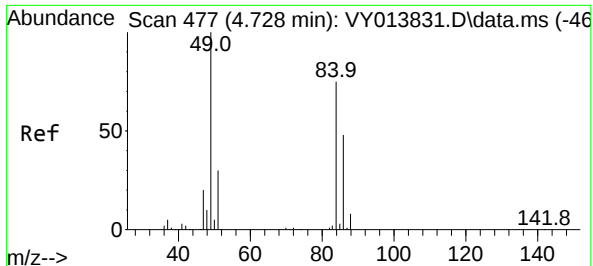
Tgt Ion:168 Resp: 53782
Ion Ratio Lower Upper
168 100
99 49.1 43.4 65.2



#16
Acetone
Concen: 4.300 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY013896.D
Acq: 26 May 2023 16:23

Tgt Ion: 43 Resp: 794
Ion Ratio Lower Upper
43 100
58 32.5 23.3 34.9

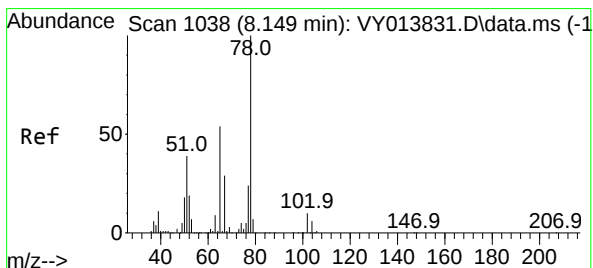
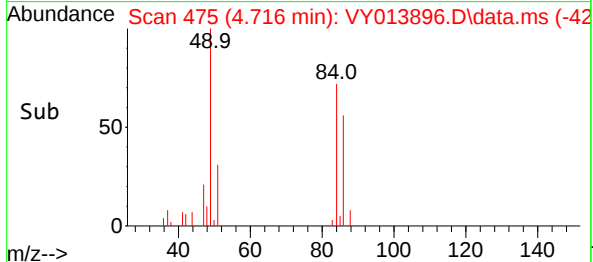
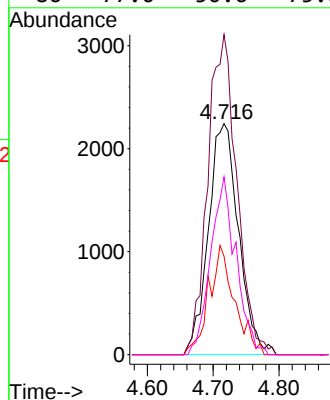
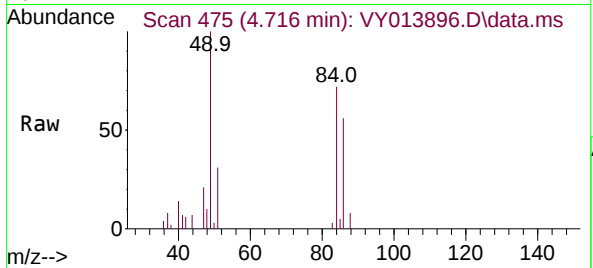




#20
Methylene Chloride
Concen: 8.856 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY013896.D
Acq: 26 May 2023 16:23

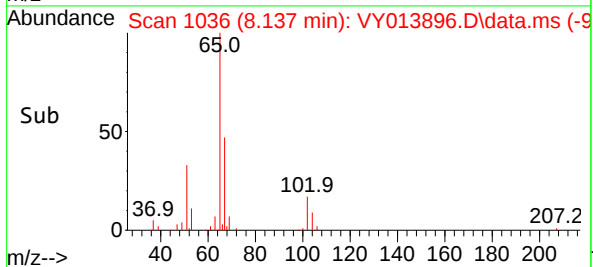
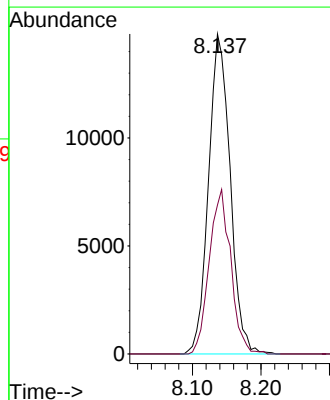
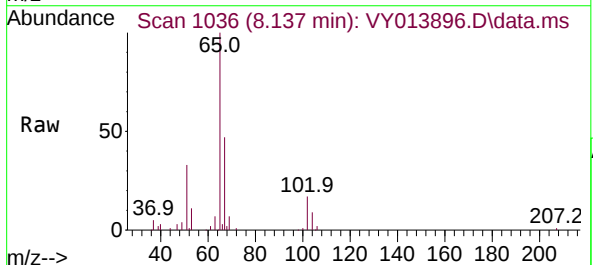
Instrument :
MSVOA_Y
ClientSampleId :
280608RE

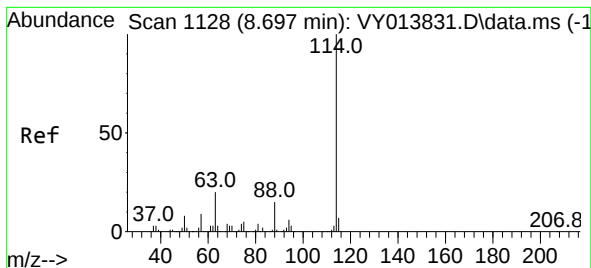
Tgt Ion: 84 Resp: 7167
Ion Ratio Lower Upper
84 100
49 138.5 106.2 159.2
51 42.6 31.4 47.0
86 77.0 50.6 75.8#



#33
1,2-Dichloroethane-d4
Concen: 52.187 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VY013896.D
Acq: 26 May 2023 16:23

Tgt Ion: 65 Resp: 32471
Ion Ratio Lower Upper
65 100
67 51.0 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: VY013896.D

Acq: 26 May 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

280608RE

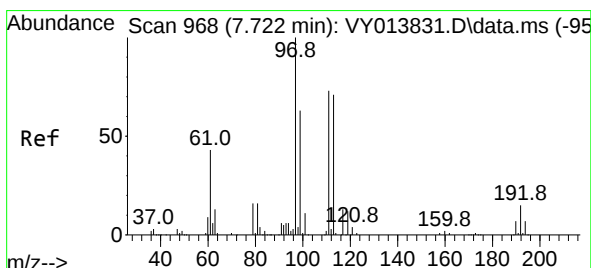
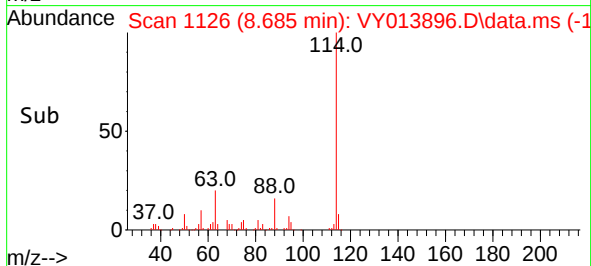
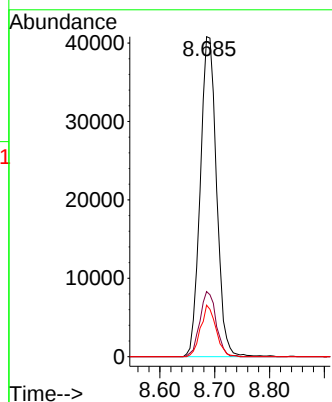
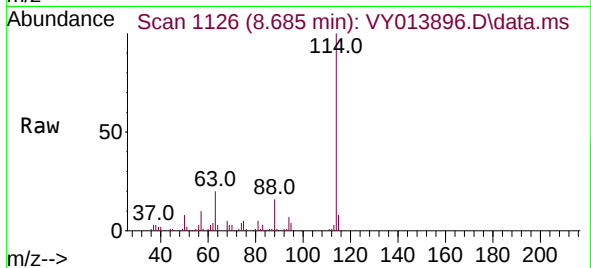
Tgt Ion:114 Resp: 84214

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.2

88 16.1 0.0 30.0



#35

Dibromofluoromethane

Concen: 53.626 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY013896.D

Acq: 26 May 2023 16:23

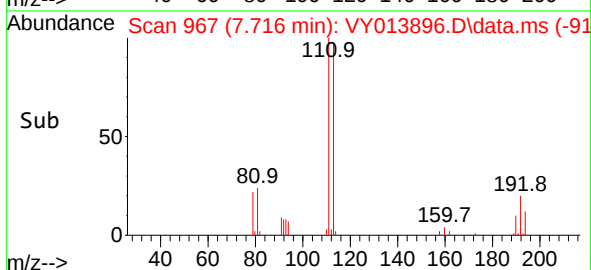
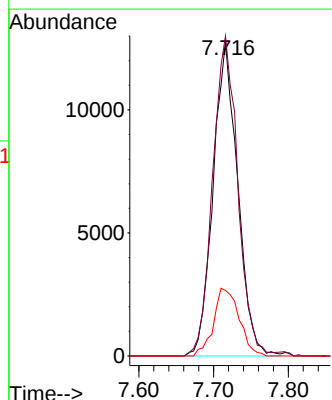
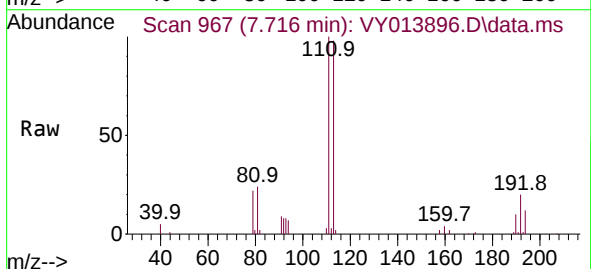
Tgt Ion:113 Resp: 29165

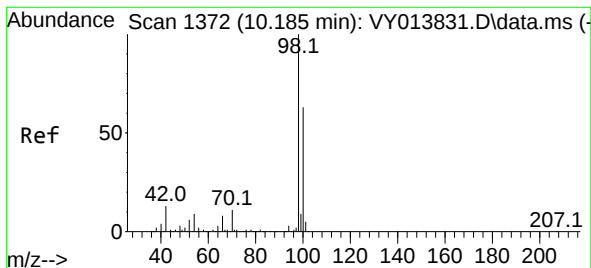
Ion Ratio Lower Upper

113 100

111 103.6 80.4 120.6

192 22.4 16.6 25.0

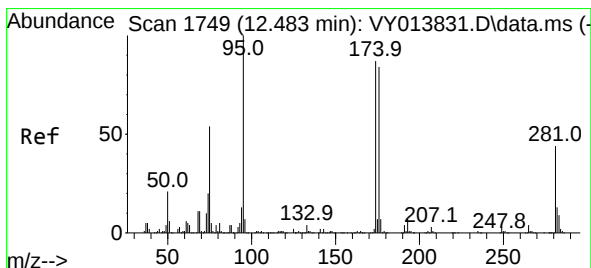
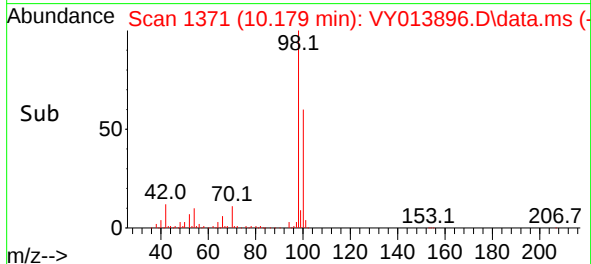
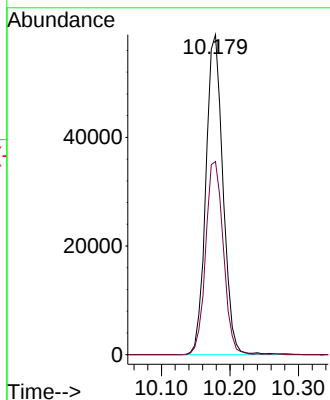
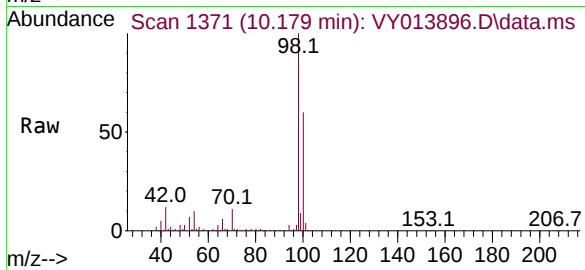




#50
Toluene-d8
Concen: 49.398 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013896.D
Acq: 26 May 2023 16:23

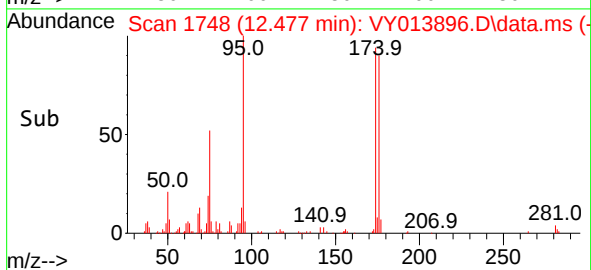
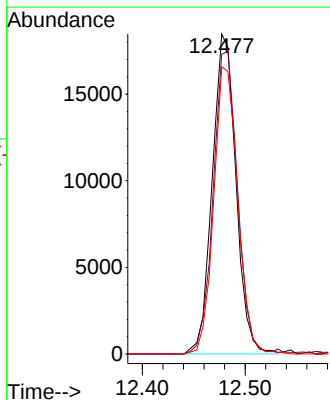
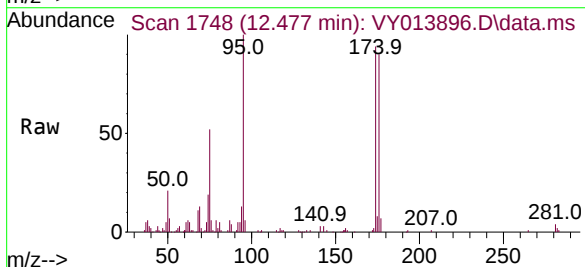
Instrument :
MSVOA_Y
ClientSampleId :
280608RE

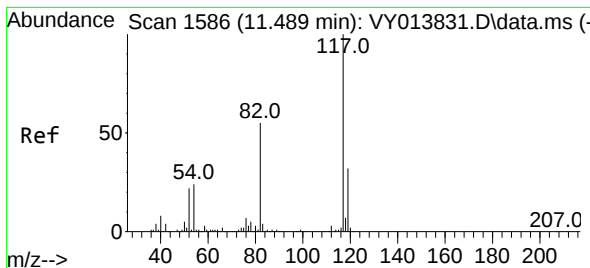
Tgt Ion: 98 Resp: 102108
Ion Ratio Lower Upper
98 100
100 62.3 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 42.947 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013896.D
Acq: 26 May 2023 16:23

Tgt Ion: 95 Resp: 29508
Ion Ratio Lower Upper
95 100
174 96.9 0.0 176.0
176 90.8 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013896.D

Acq: 26 May 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

280608RE

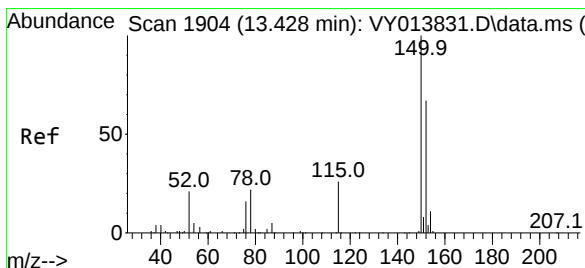
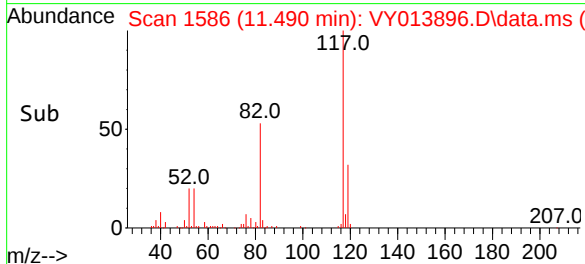
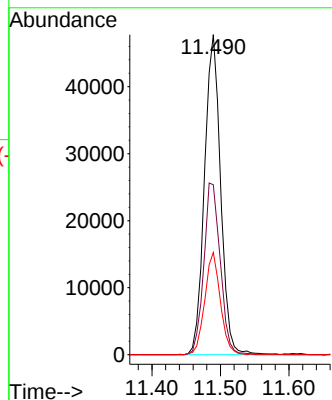
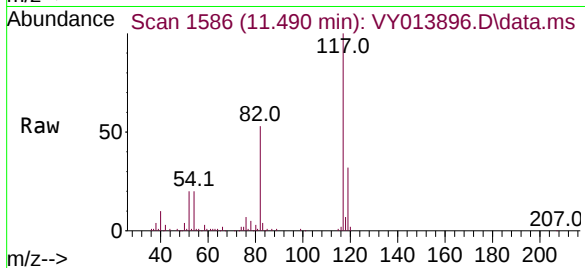
Tgt Ion:117 Resp: 78235

Ion Ratio Lower Upper

117 100

82 53.1 44.2 66.4

119 31.9 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: VY013896.D

Acq: 26 May 2023 16:23

Tgt Ion:152 Resp: 32412

Ion Ratio Lower Upper

152 100

115 57.9 28.8 86.5

150 161.2 0.0 353.4

