

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052523\
 Data File : VY013872.D
 Acq On : 25 May 2023 14:49
 Operator : KP/MD
 Sample : 02894-01
 Misc : 5.53g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-40A

Quant Time: May 26 04:33:40 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)

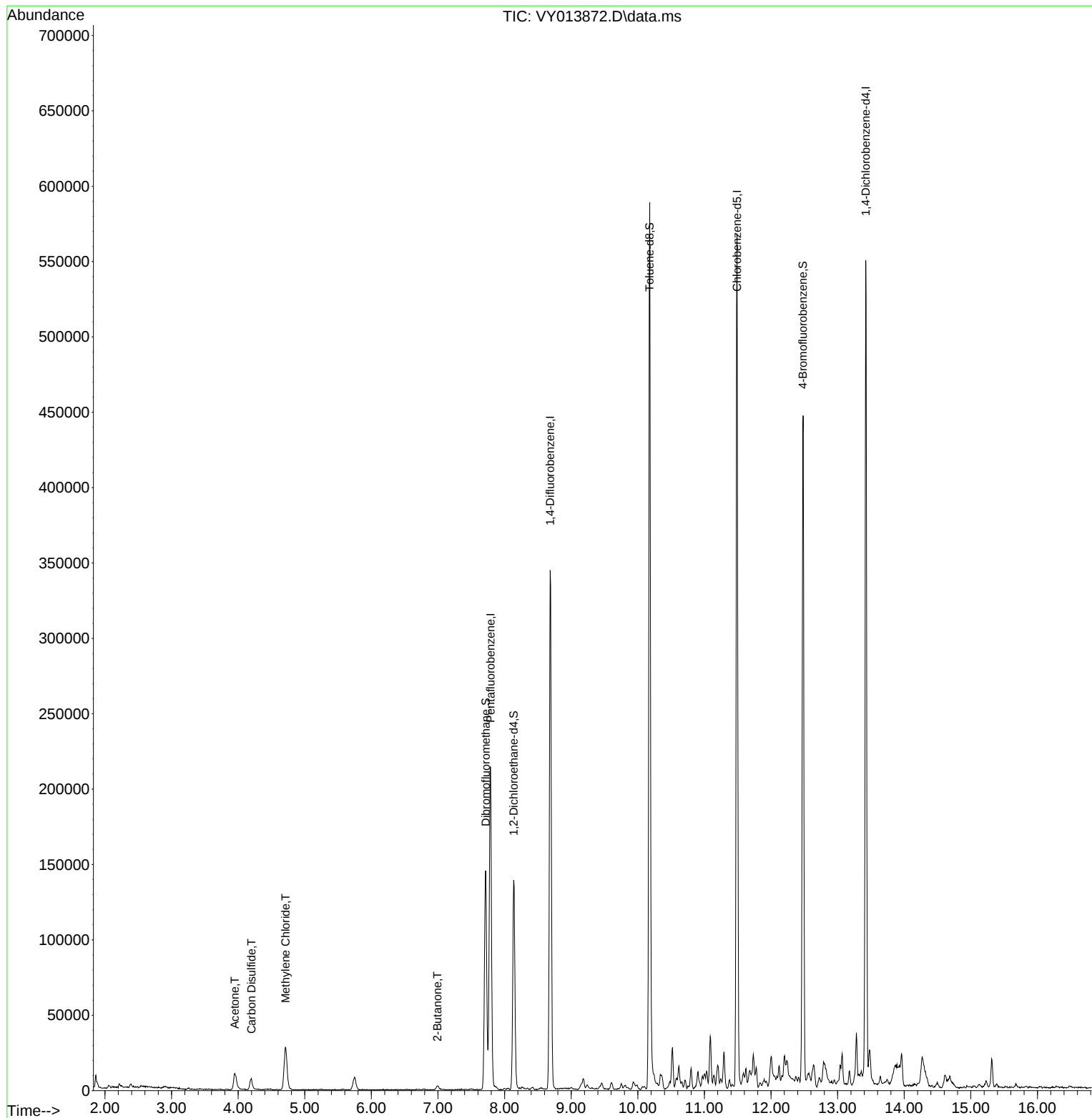
Internal Standards						
1) Pentafluorobenzene	7.789	168	169288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	289584	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.489	117	295316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	138907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	112633	57.510	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.020%	
35) Dibromofluoromethane	7.716	113	98753	52.805	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.600%	
50) Toluene-d8	10.179	98	364319	51.256	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.520%	
62) 4-Bromofluorobenzene	12.477	95	125087	52.944	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.880%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	22457	38.634	ug/l #	89
17) Carbon Disulfide	4.198	76	13693	2.770	ug/l #	92
20) Methylene Chloride	4.710	84	20126	7.612	ug/l	96
25) 2-Butanone	6.990	43	5016	7.072	ug/l #	79

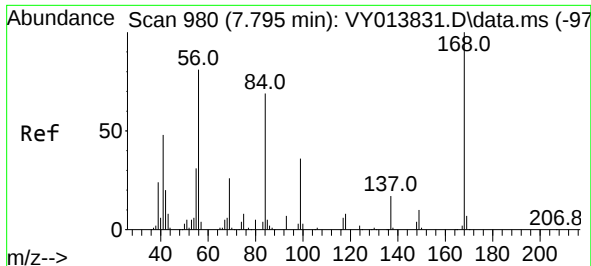
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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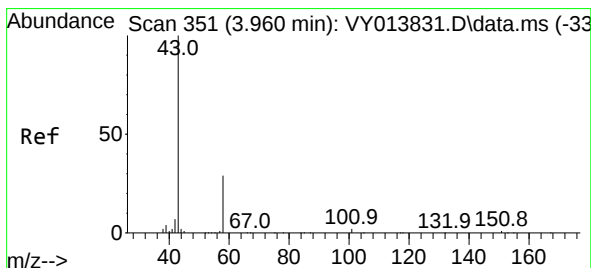
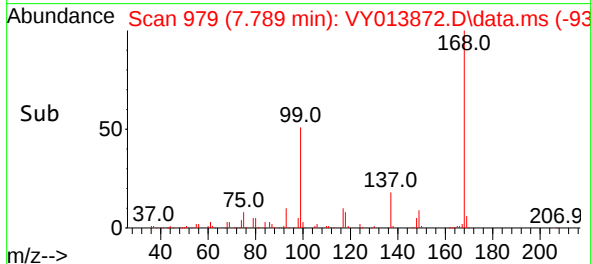
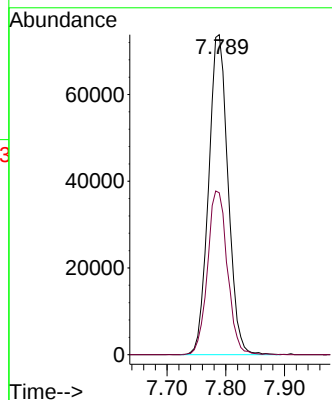
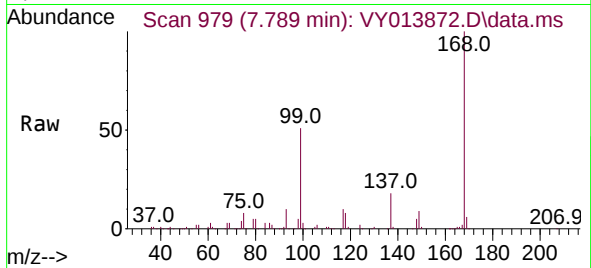




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013872.D
Acq: 25 May 2023 14:49

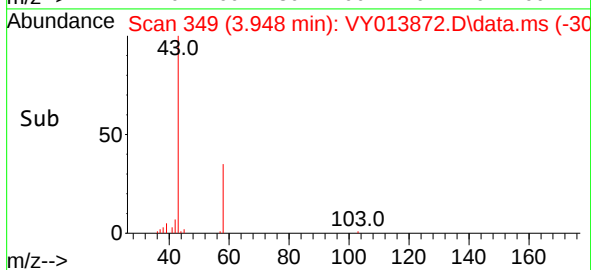
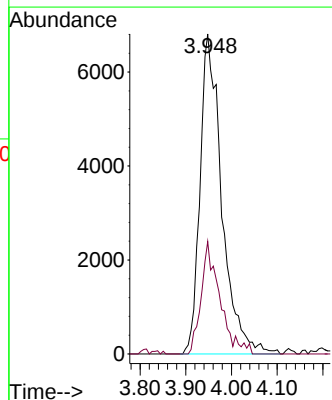
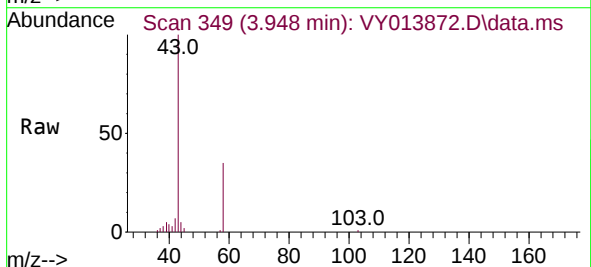
Instrument :
MSVOA_Y
ClientSampleId :
TP-40A

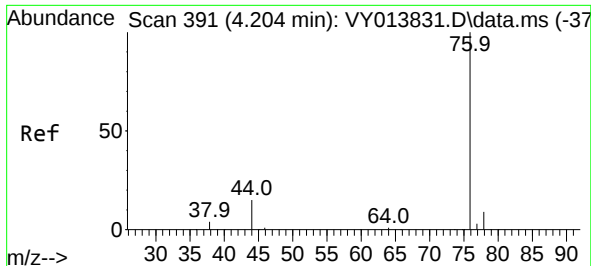
Tgt Ion:168 Resp: 169288
Ion Ratio Lower Upper
168 100
99 50.6 43.4 65.2



#16
Acetone
Concen: 38.634 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY013872.D
Acq: 25 May 2023 14:49

Tgt Ion: 43 Resp: 22457
Ion Ratio Lower Upper
43 100
58 35.2 23.3 34.9#

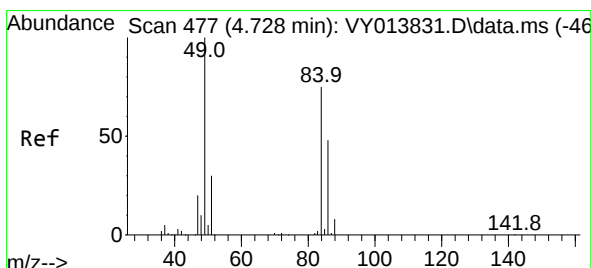
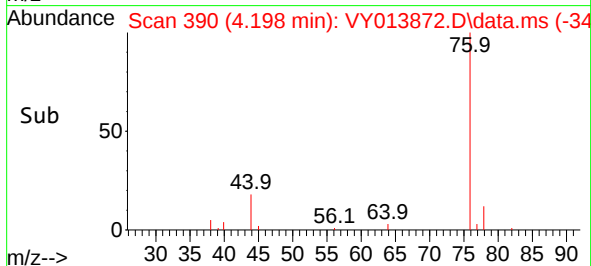
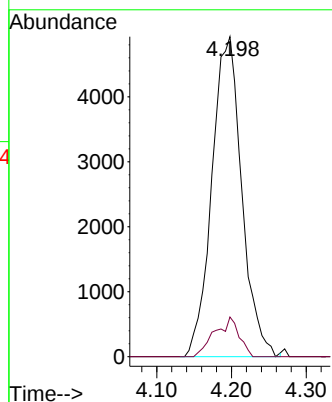
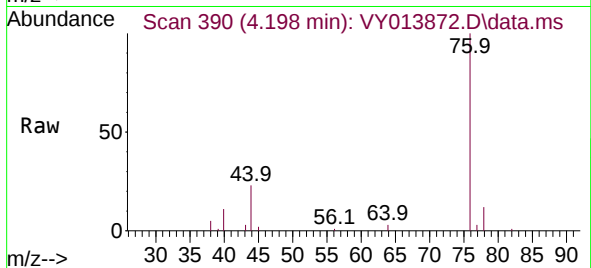




#17
Carbon Disulfide
Concen: 2.770 ug/l
RT: 4.198 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY013872.D
Acq: 25 May 2023 14:49

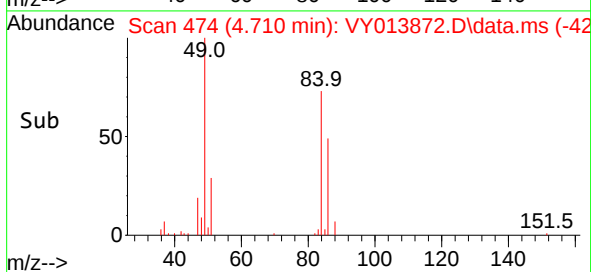
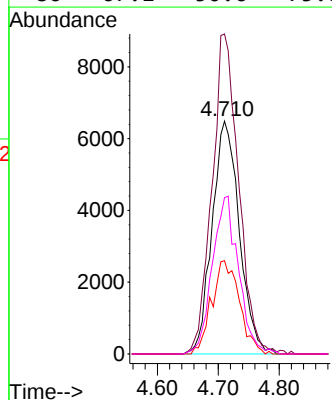
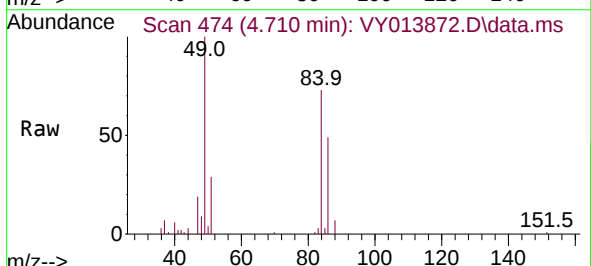
Instrument :
MSVOA_Y
ClientSampleId :
TP-40A

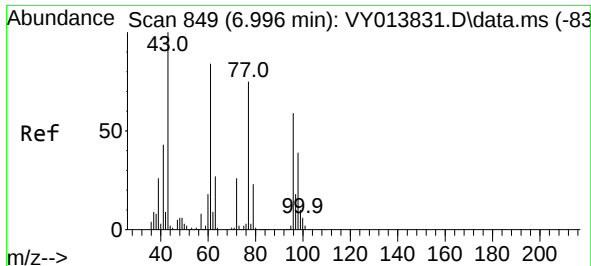
Tgt Ion: 76 Resp: 13693
Ion Ratio Lower Upper
76 100
78 12.4 7.5 11.3#



#20
Methylene Chloride
Concen: 7.612 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.018 min
Lab File: VY013872.D
Acq: 25 May 2023 14:49

Tgt Ion: 84 Resp: 20126
Ion Ratio Lower Upper
84 100
49 137.5 106.2 159.2
51 40.1 31.4 47.0
86 67.1 50.6 75.8

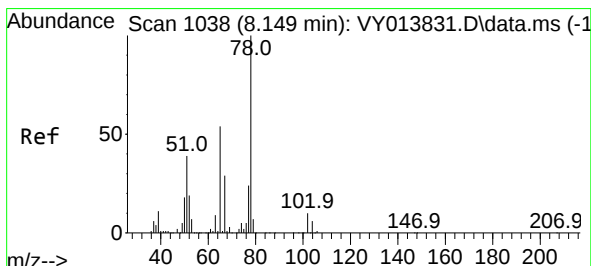
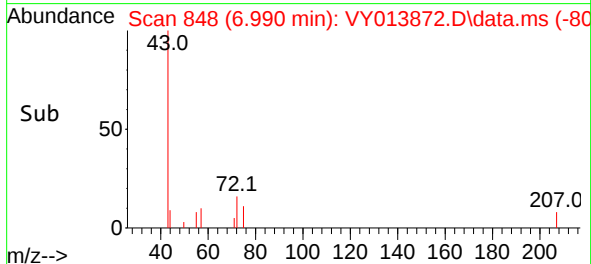
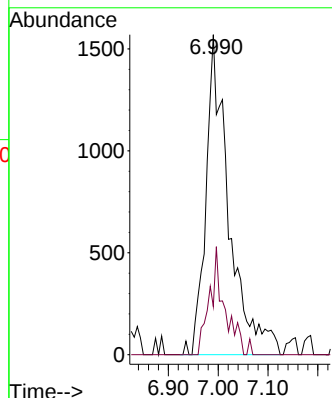
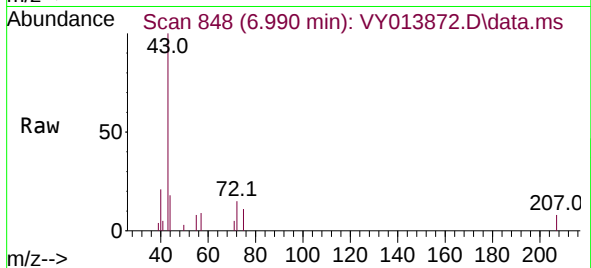




#25
2-Butanone
Concen: 7.072 ug/l
RT: 6.990 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY013872.D
Acq: 25 May 2023 14:49

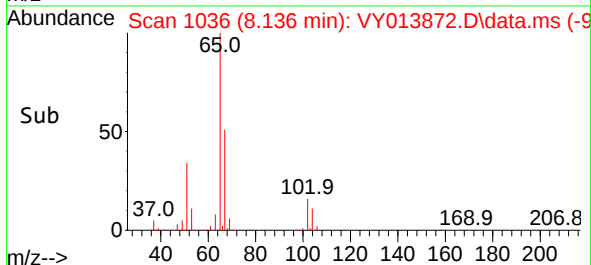
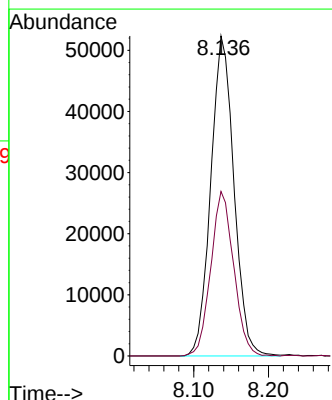
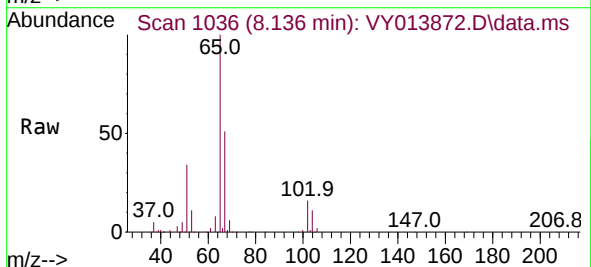
Instrument :
MSVOA_Y
ClientSampleId :
TP-40A

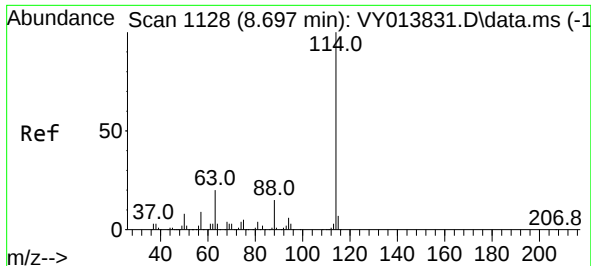
Tgt Ion: 43 Resp: 5016
Ion Ratio Lower Upper
43 100
72 15.0 20.5 30.7#



#33
1,2-Dichloroethane-d4
Concen: 57.510 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VY013872.D
Acq: 25 May 2023 14:49

Tgt Ion: 65 Resp: 112633
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: VY013872.D

Acq: 25 May 2023 14:49

Instrument :

MSVOA_Y

ClientSampleId :

TP-40A

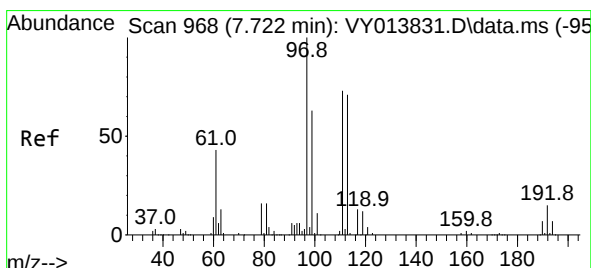
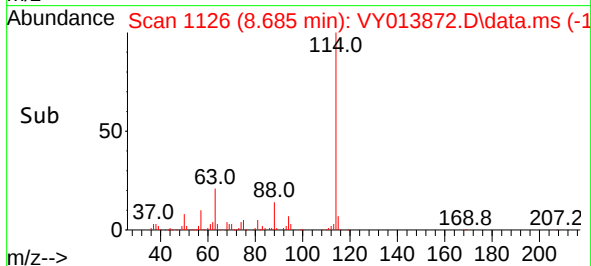
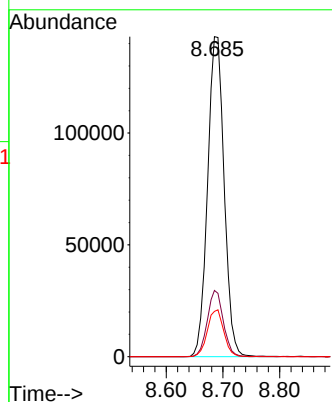
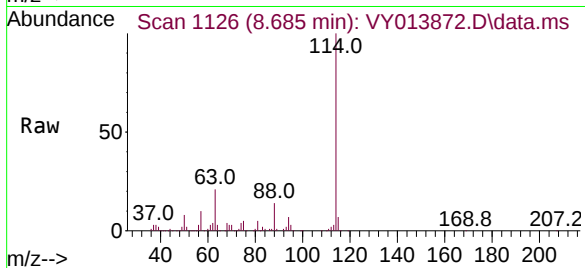
Tgt Ion:114 Resp: 289584

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.2

88 14.1 0.0 30.0



#35

Dibromofluoromethane

Concen: 52.805 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY013872.D

Acq: 25 May 2023 14:49

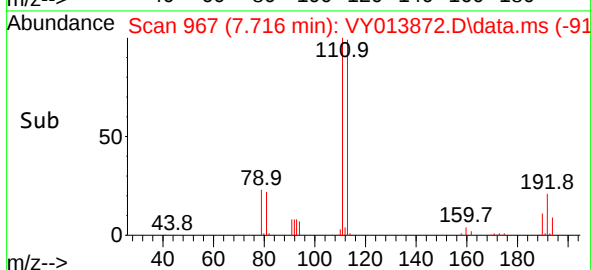
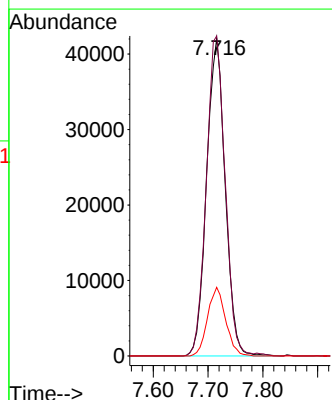
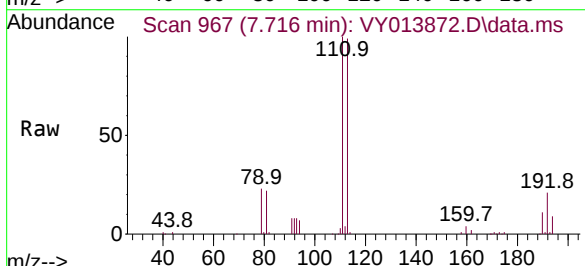
Tgt Ion:113 Resp: 98753

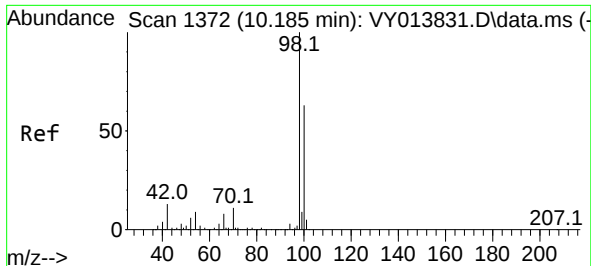
Ion Ratio Lower Upper

113 100

111 102.6 80.4 120.6

192 21.1 16.6 25.0

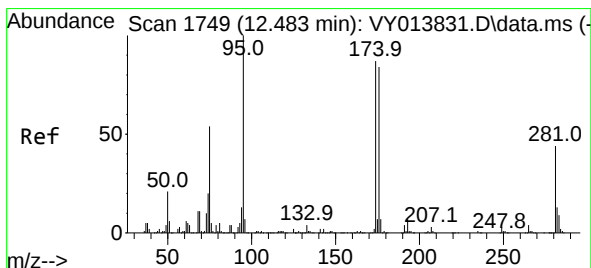
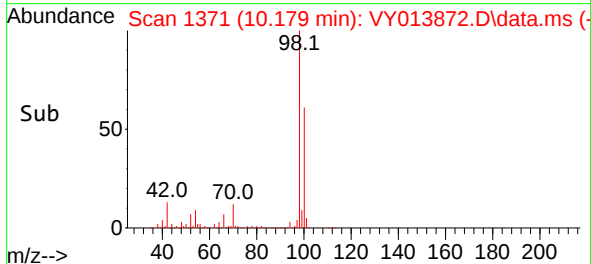
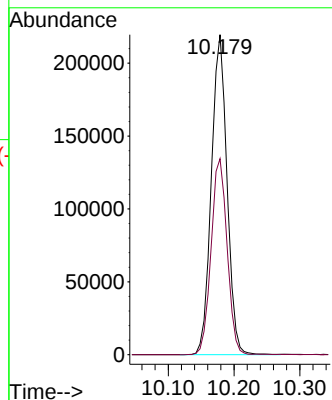
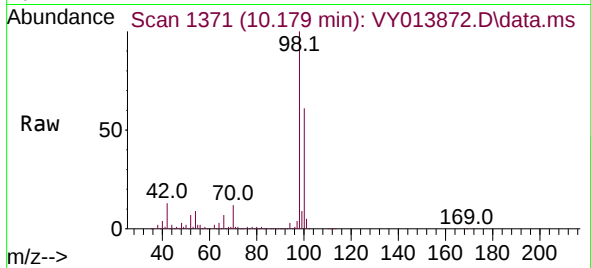




#50
Toluene-d8
Concen: 51.256 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013872.D
Acq: 25 May 2023 14:49

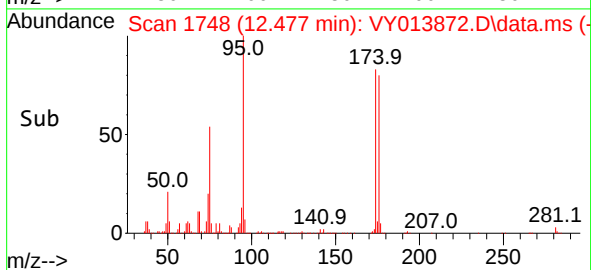
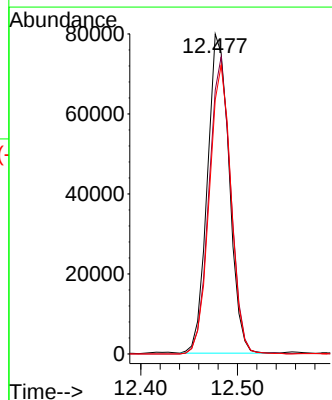
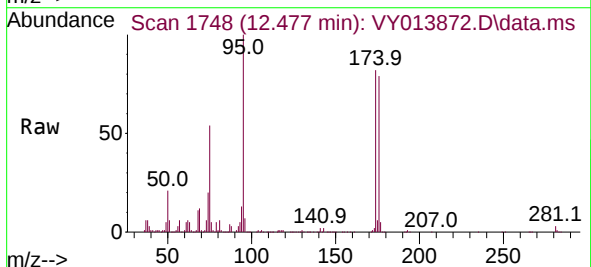
Instrument :
MSVOA_Y
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TP-40A

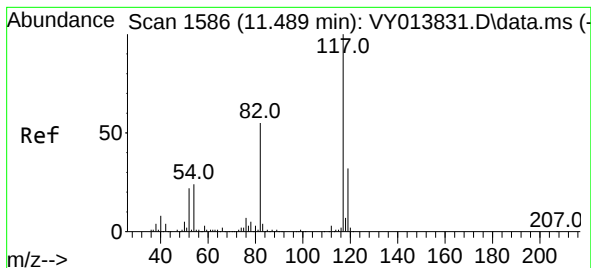
Tgt Ion: 98 Resp: 364319
Ion Ratio Lower Upper
98 100
100 62.6 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 52.944 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013872.D
Acq: 25 May 2023 14:49

Tgt Ion: 95 Resp: 125087
Ion Ratio Lower Upper
95 100
174 93.0 0.0 176.0
176 90.2 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: VY013872.D

Acq: 25 May 2023 14:49

Instrument :

MSVOA_Y

ClientSampleId :

TP-40A

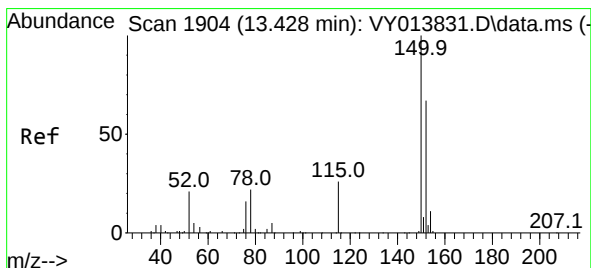
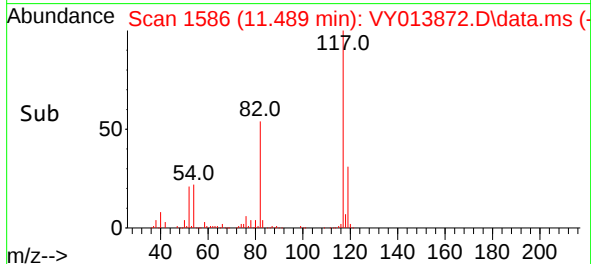
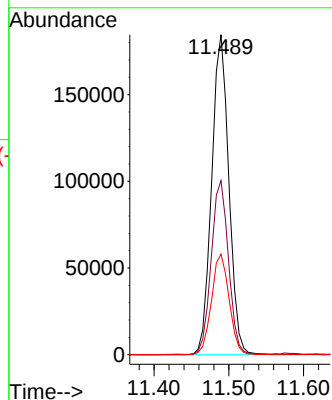
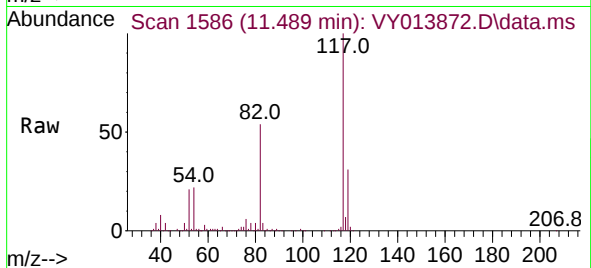
Tgt Ion:117 Resp: 295316

Ion Ratio Lower Upper

117 100

82 54.2 44.2 66.4

119 31.4 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: VY013872.D

Acq: 25 May 2023 14:49

Tgt Ion:152 Resp: 138907

Ion Ratio Lower Upper

152 100

115 57.3 28.8 86.5

150 155.9 0.0 353.4

