

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100522\
 Data File : VY010821.D
 Acq On : 05 Oct 2022 15:38
 Operator : KP/MD
 Sample : N5004-01
 Misc : 6.53g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22011-8.5

Quant Time: Oct 06 09:20:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

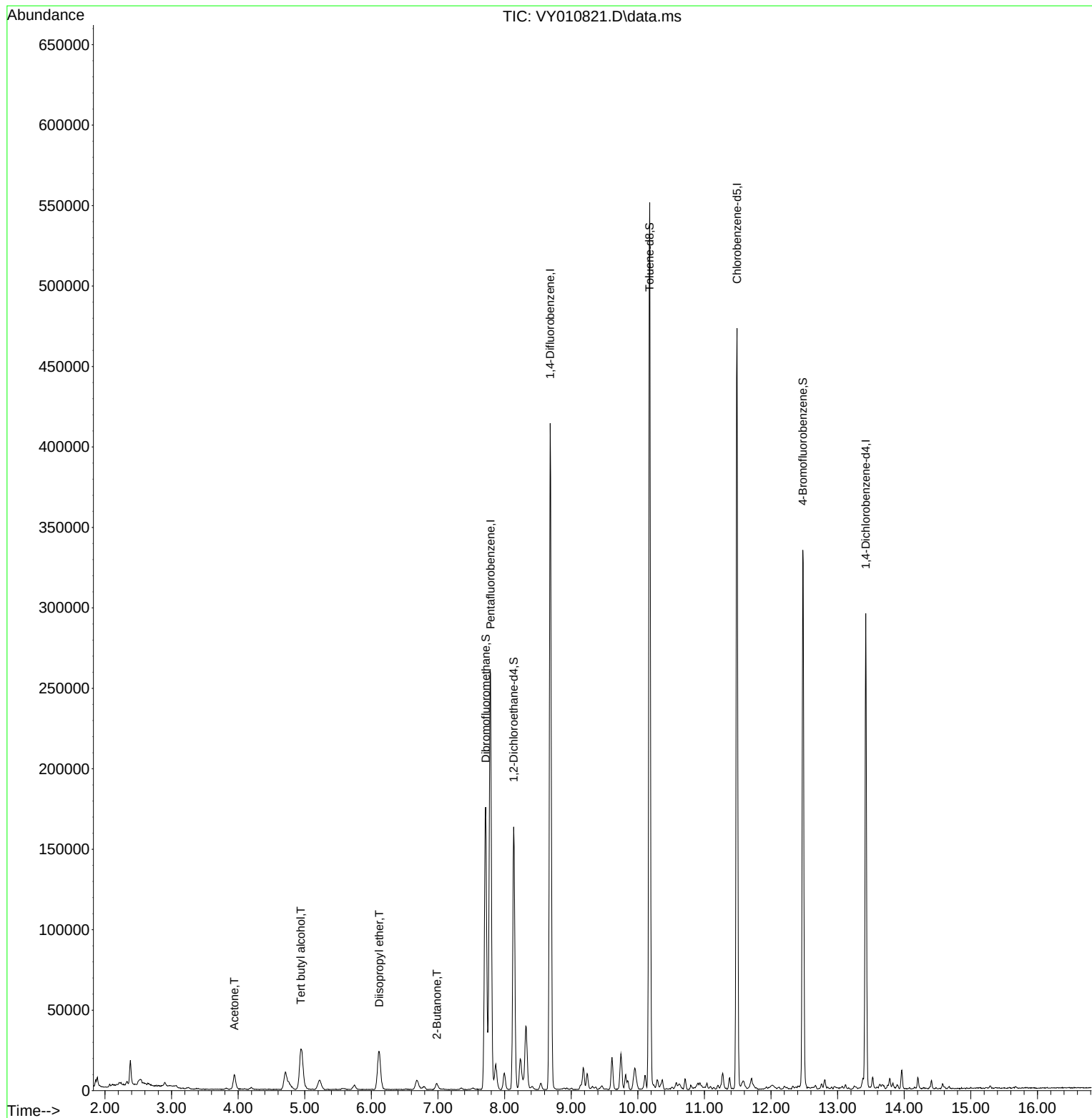
Internal Standards						
1) Pentafluorobenzene	7.789	168	201095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	346534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	258768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	73913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	122865	60.277	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.560%	
35) Dibromofluoromethane	7.716	113	125007	54.343	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.680%	
50) Toluene-d8	10.179	98	360269	45.796	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 91.600%	
62) 4-Bromofluorobenzene	12.477	95	97220	30.173	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 60.340%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	47731	271.313	ug/l #	94
16) Acetone	3.942	43	15696	30.319	ug/l	97
22) Diisopropyl ether	6.119	45	30053	4.815	ug/l #	88
25) 2-Butanone	6.984	43	4312	5.794	ug/l	93

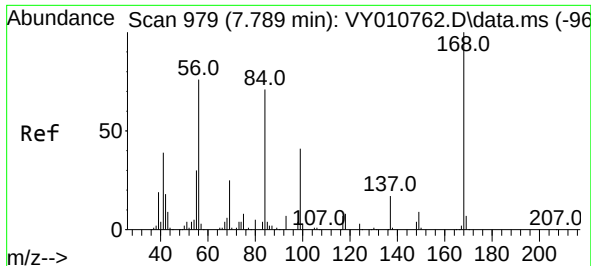
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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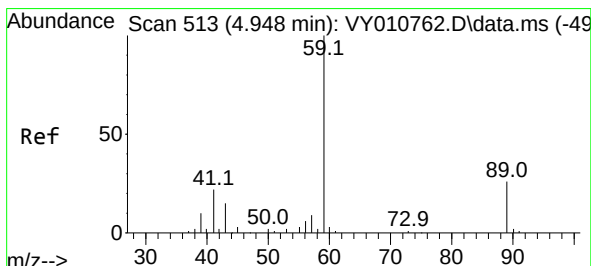
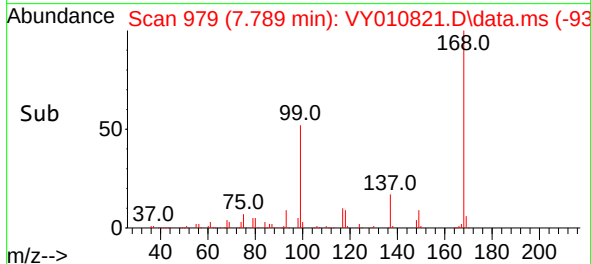
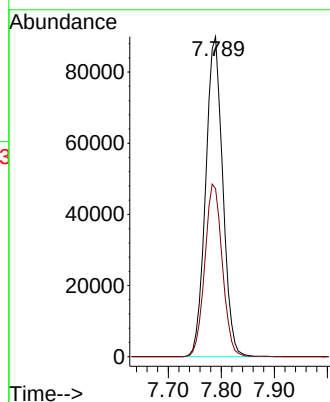
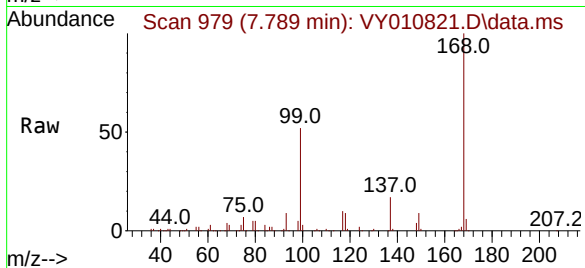




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010821.D
Acq: 05 Oct 2022 15:38

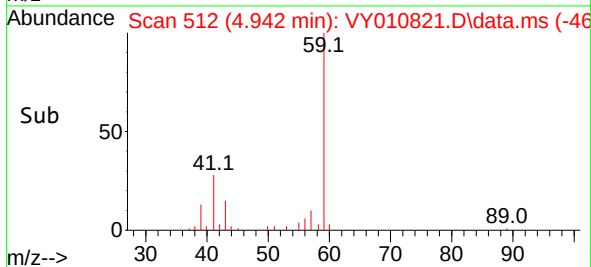
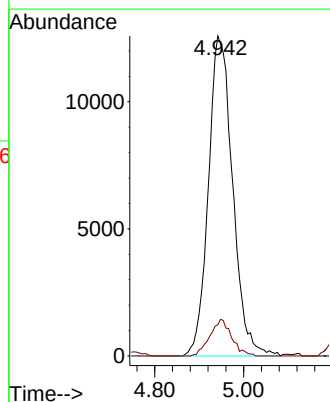
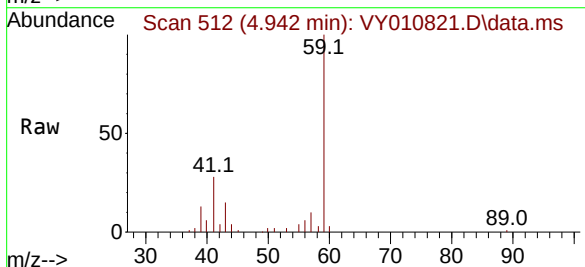
Instrument :
MSVOA_Y
ClientSampleId :
D22011-8.5

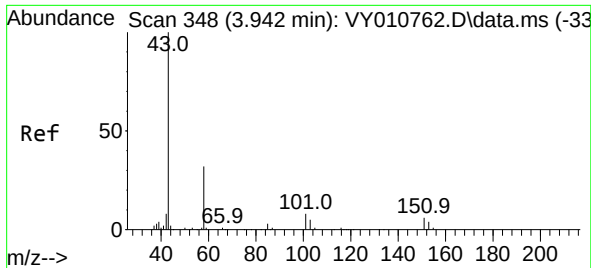
Tgt Ion:168 Resp: 201095
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#11
Tert butyl alcohol
Concen: 271.313 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY010821.D
Acq: 05 Oct 2022 15:38

Tgt Ion: 59 Resp: 47731
Ion Ratio Lower Upper
59 100
57 10.3 6.4 9.6#





#16

Acetone

Concen: 30.319 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.000 min

Lab File: VY010821.D

Acq: 05 Oct 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

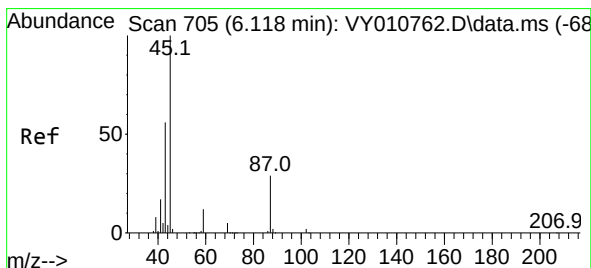
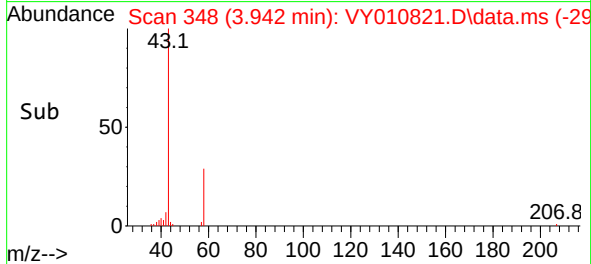
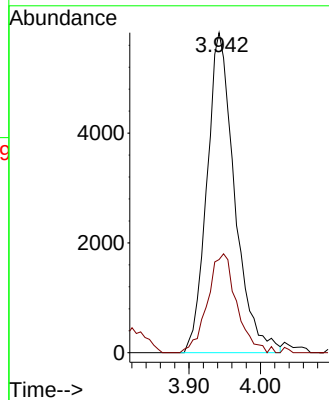
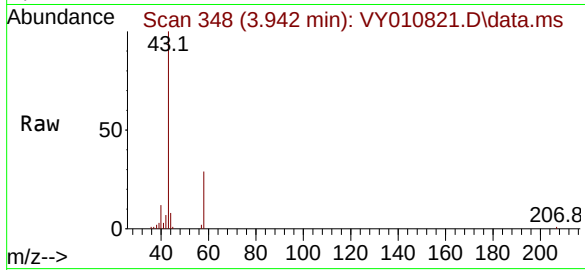
D22011-8.5

Tgt Ion: 43 Resp: 15696

Ion Ratio Lower Upper

43 100

58 29.1 22.0 33.0



#22

Diisopropyl ether

Concen: 4.815 ug/l

RT: 6.119 min Scan# 705

Delta R.T. 0.001 min

Lab File: VY010821.D

Acq: 05 Oct 2022 15:38

Tgt Ion: 45 Resp: 30053

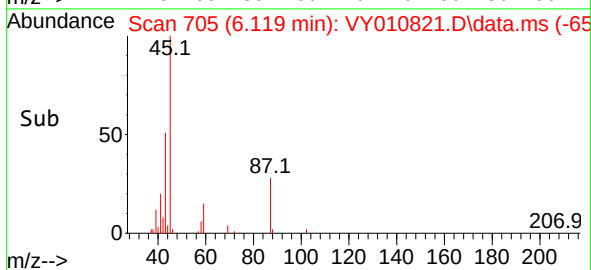
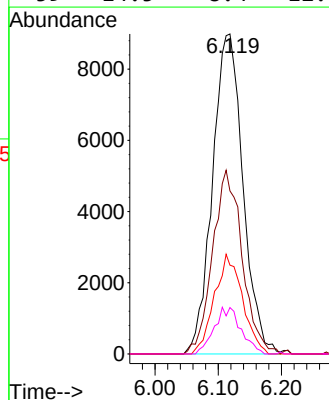
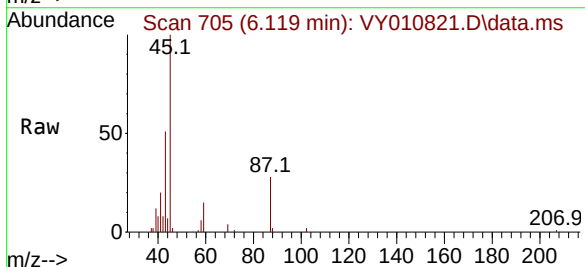
Ion Ratio Lower Upper

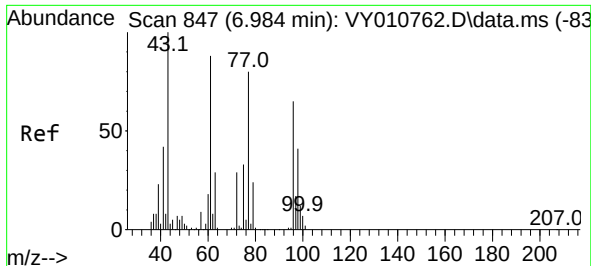
45 100

43 51.0 49.3 73.9

87 27.7 19.2 28.8

59 14.5 8.4 12.6#

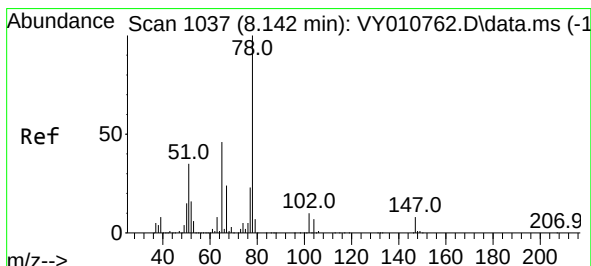
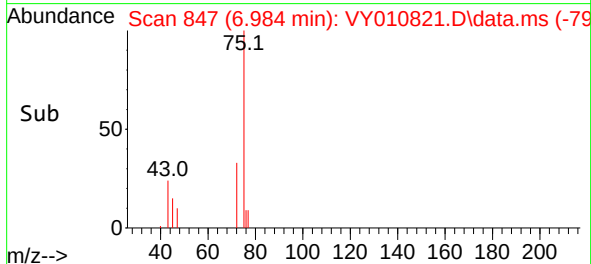
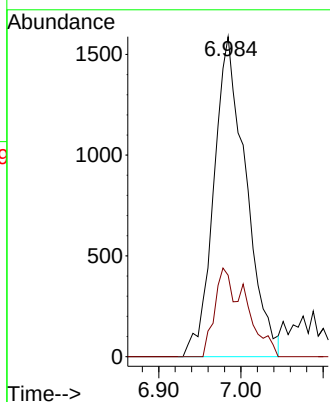
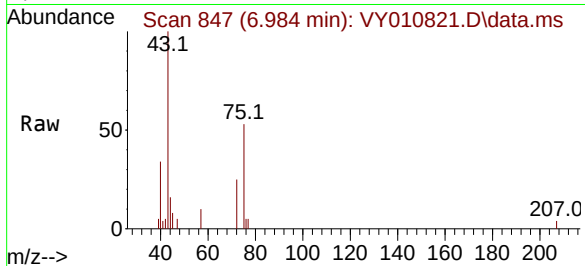




#25
2-Butanone
Concen: 5.794 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY010821.D
Acq: 05 Oct 2022 15:38

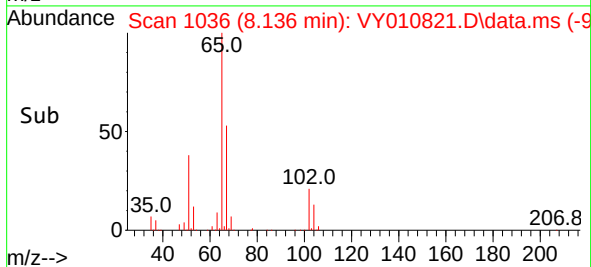
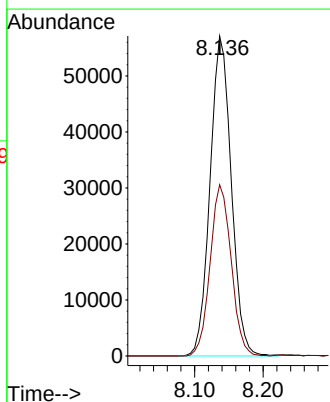
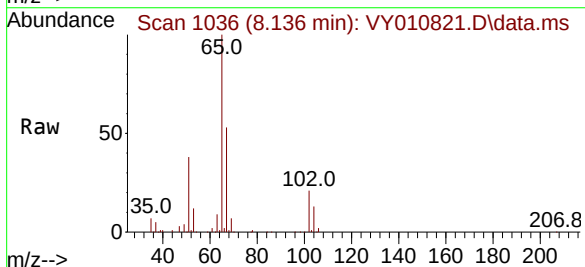
Instrument :
MSVOA_Y
ClientSampleId :
D22011-8.5

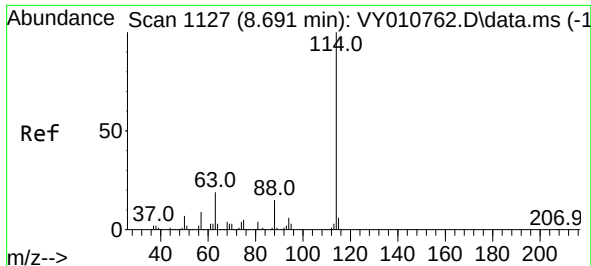
Tgt Ion: 43 Resp: 4312
Ion Ratio Lower Upper
43 100
72 25.4 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 60.277 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010821.D
Acq: 05 Oct 2022 15:38

Tgt Ion: 65 Resp: 122865
Ion Ratio Lower Upper
65 100
67 53.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010821.D

Acq: 05 Oct 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

D22011-8.5

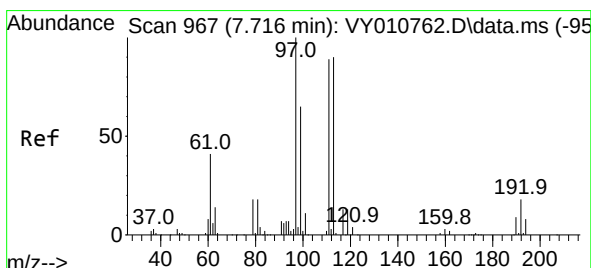
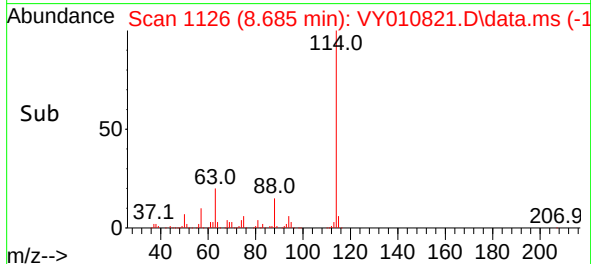
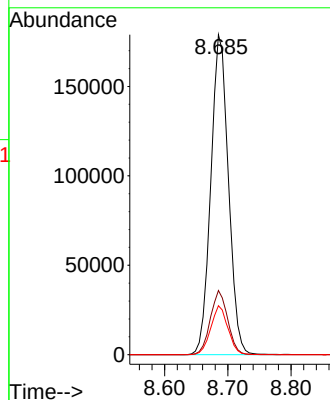
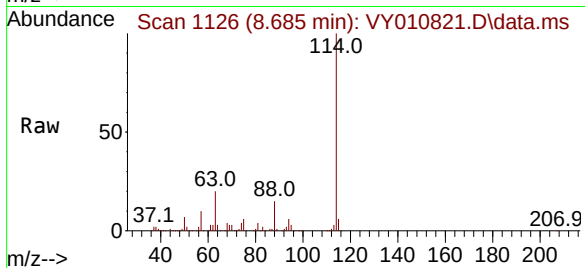
Tgt Ion:114 Resp: 346534

Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.343 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY010821.D

Acq: 05 Oct 2022 15:38

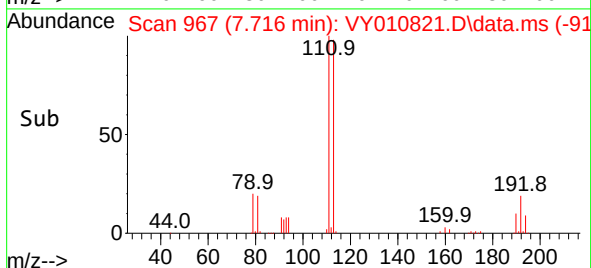
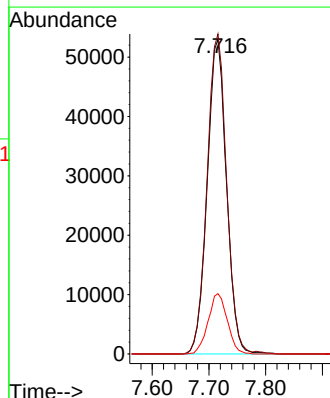
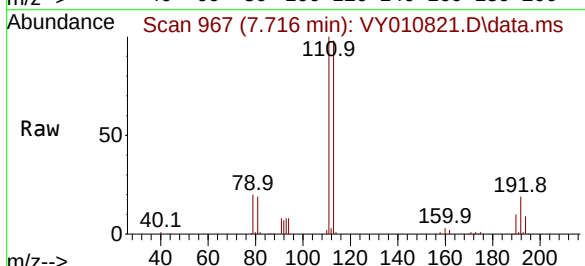
Tgt Ion:113 Resp: 125007

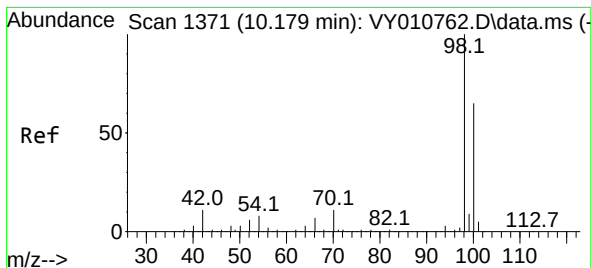
Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 19.1 17.6 26.4

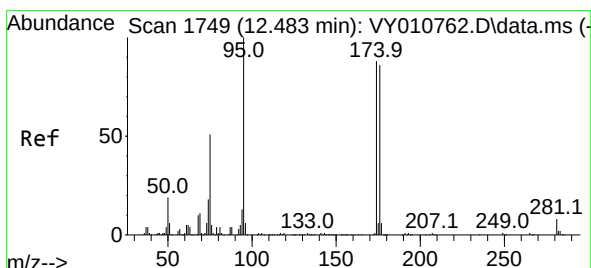
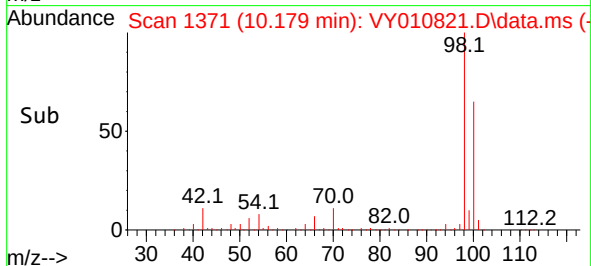
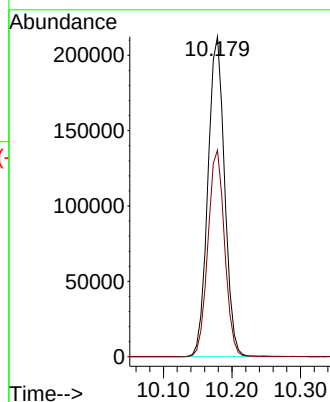
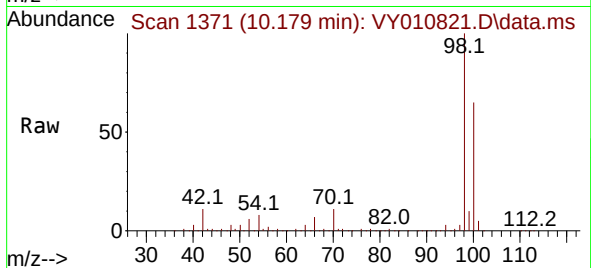




#50
Toluene-d8
Concen: 45.796 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010821.D
Acq: 05 Oct 2022 15:38

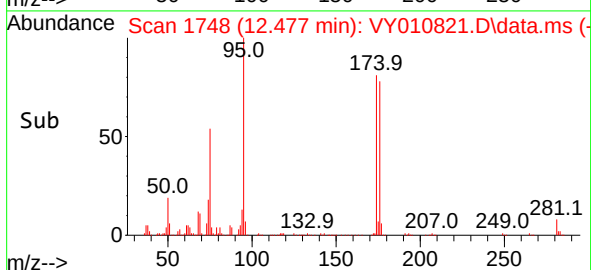
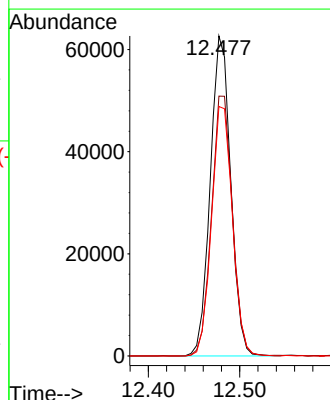
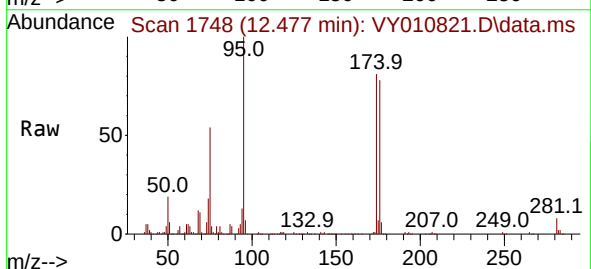
Instrument :
MSVOA_Y
ClientSampleId :
D22011-8.5

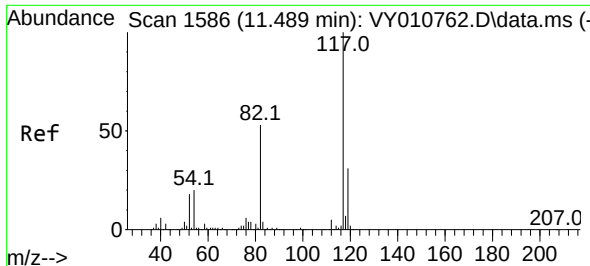
Tgt Ion: 98 Resp: 360269
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 30.173 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010821.D
Acq: 05 Oct 2022 15:38

Tgt Ion: 95 Resp: 97220
Ion Ratio Lower Upper
95 100
174 83.1 0.0 177.0
176 79.8 0.0 175.8

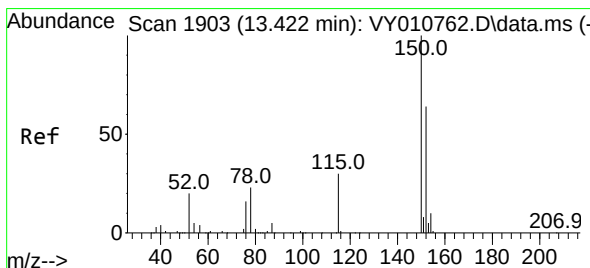
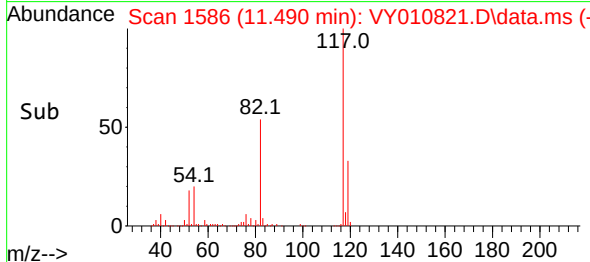
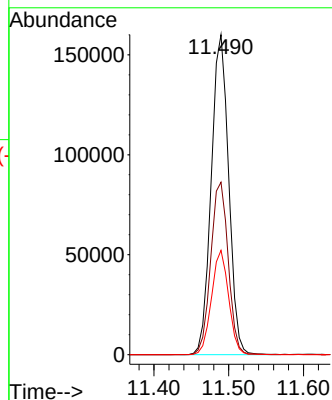
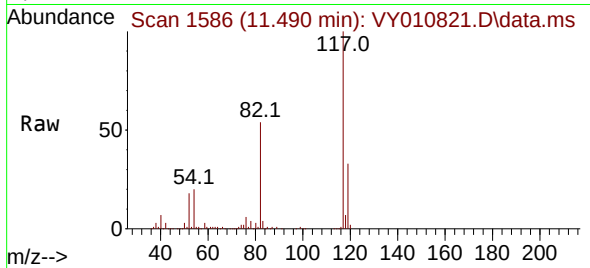




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY010821.D
Acq: 05 Oct 2022 15:38

Instrument :
MSVOA_Y
ClientSampleId :
D22011-8.5

Tgt Ion:117 Resp: 258768
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.4
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010821.D
Acq: 05 Oct 2022 15:38

Tgt Ion:152 Resp: 73913
Ion Ratio Lower Upper
152 100
115 57.6 28.2 84.7
150 157.5 0.0 347.6

