

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111521\
 Data File : VY006742.D
 Acq On : 15 Nov 2021 19:45
 Operator : SY/MD
 Sample : M4680-01
 Misc : 4.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Quant Time: Nov 16 04:23:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

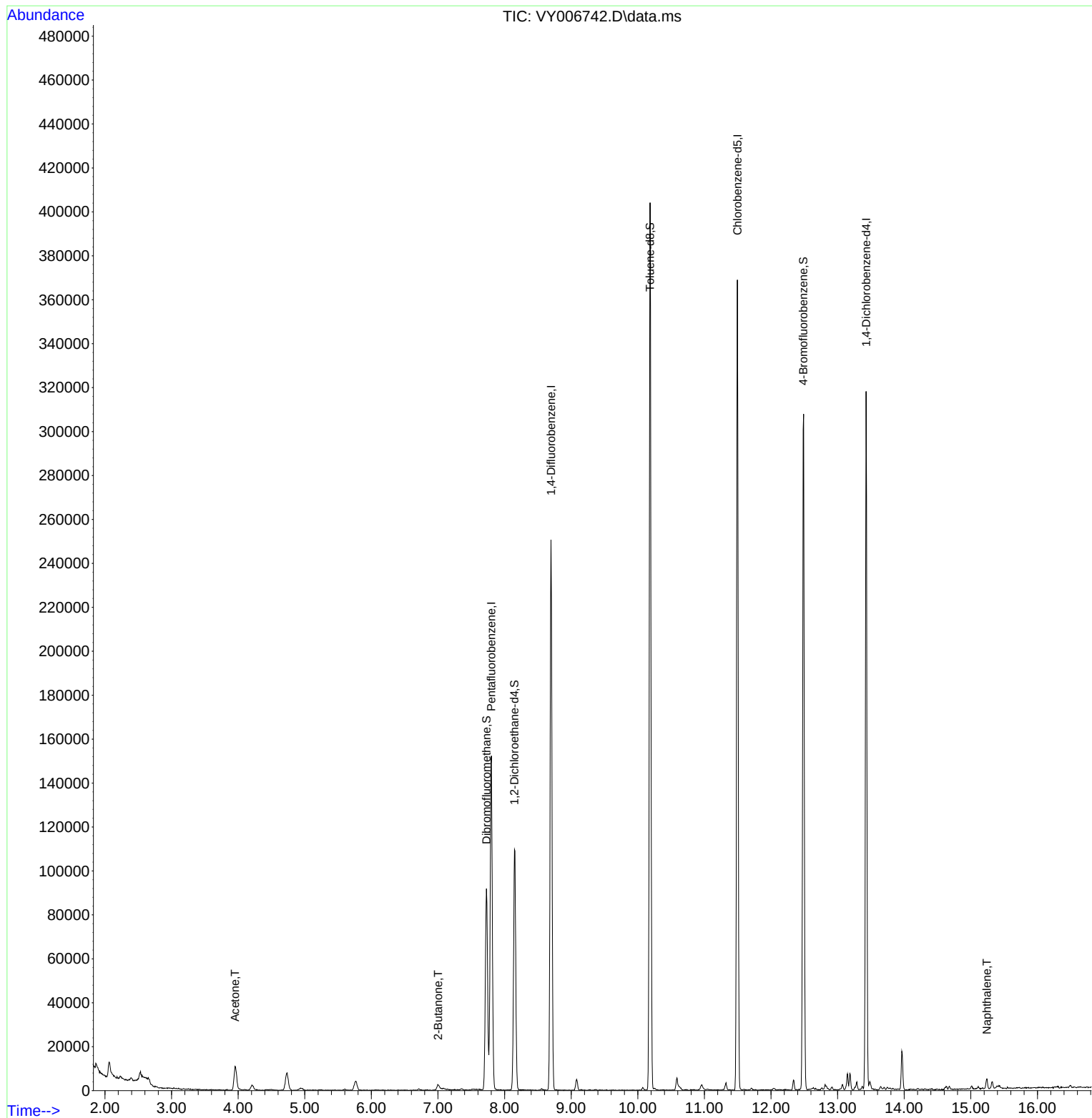
Internal Standards						
1) Pentafluorobenzene	7.801	168	113393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	192195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	178308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	88726	59.702	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.400%	
35) Dibromofluoromethane	7.728	113	61717	52.279	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.560%	
50) Toluene-d8	10.185	98	244581	50.066	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.140%	
62) 4-Bromofluorobenzene	12.483	95	77702	47.180	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.360%	
Target Compounds						
						Qvalue
16) Acetone	3.954	43	20304	44.967	ug/l	98
25) 2-Butanone	7.003	43	3549	16.657	ug/l #	80
95) Naphthalene	15.239	128	3875	1.403	ug/l	98

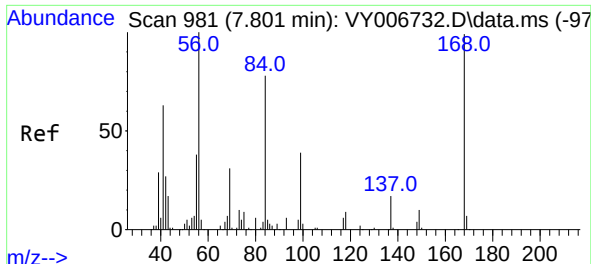
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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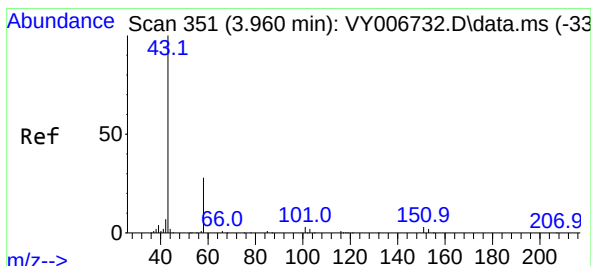
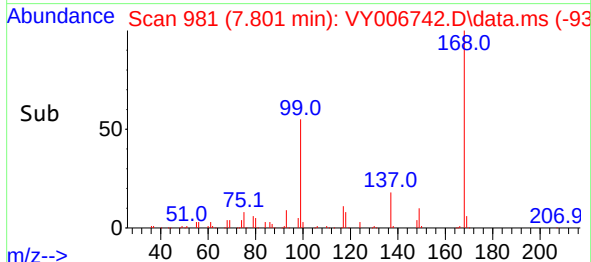
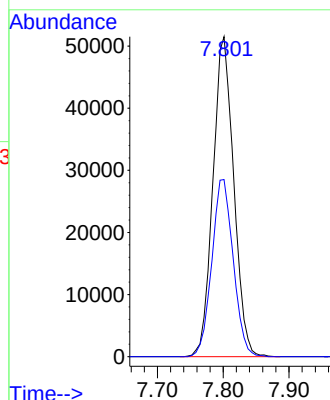
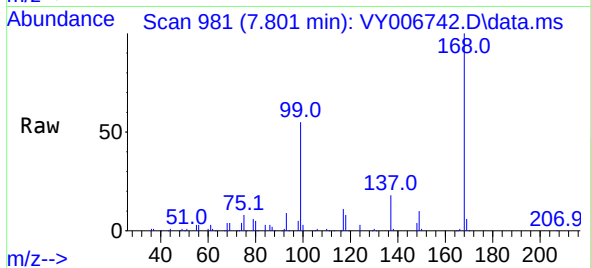




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006742.D
Acq: 15 Nov 2021 19:45

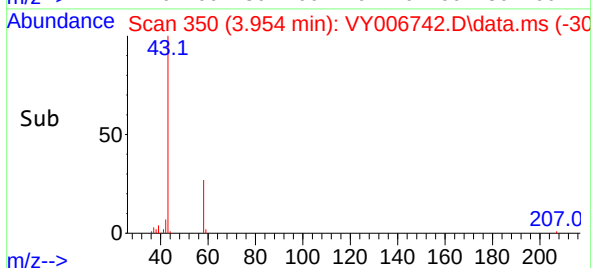
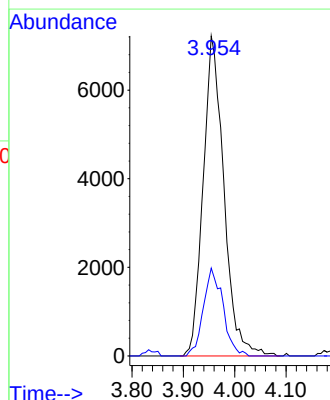
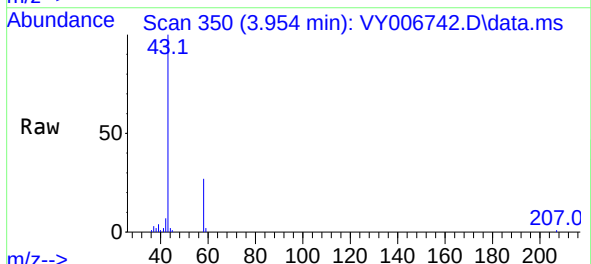
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

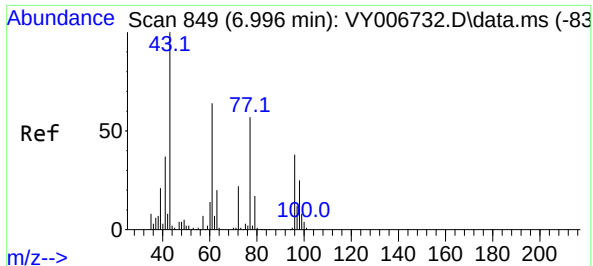
Tgt Ion:168 Resp: 113393
Ion Ratio Lower Upper
168 100
99 55.4 44.8 67.2



#16
Acetone
Concen: 44.967 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY006742.D
Acq: 15 Nov 2021 19:45

Tgt Ion: 43 Resp: 20304
Ion Ratio Lower Upper
43 100
58 27.5 22.9 34.3





#25

2-Butanone

Concen: 16.657 ug/l

RT: 7.003 min Scan# 81

Delta R.T. 0.007 min

Lab File: VY006742.D

Acq: 15 Nov 2021 19:45

Instrument :

MSVOA_Y

ClientSampleId :

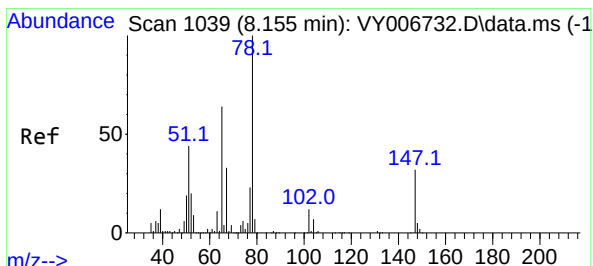
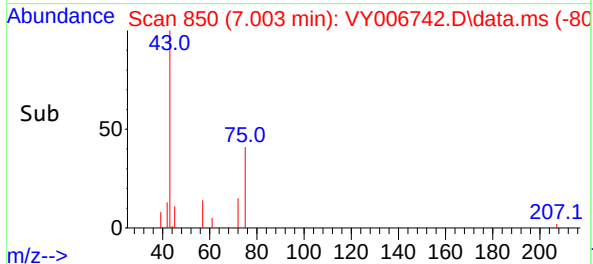
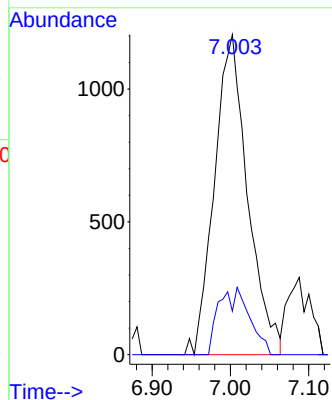
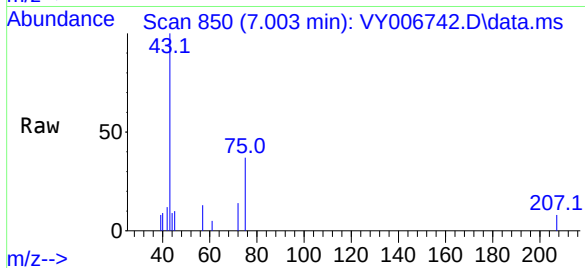
COMP-1

Tgt Ion: 43 Resp: 3549

Ion Ratio Lower Upper

43 100

72 13.6 18.9 28.3#



#33

1,2-Dichloroethane-d4

Concen: 59.702 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY006742.D

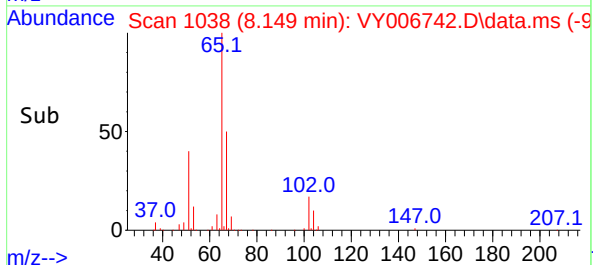
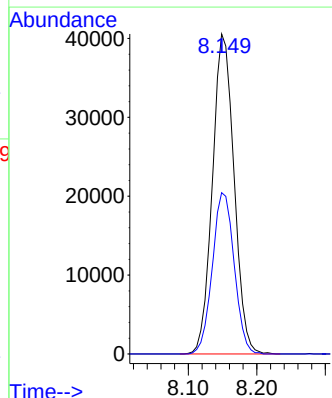
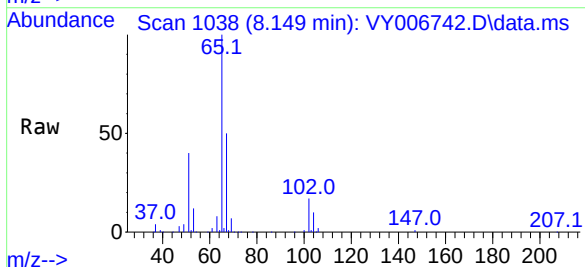
Acq: 15 Nov 2021 19:45

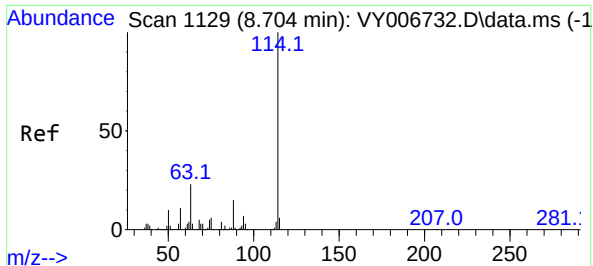
Tgt Ion: 65 Resp: 88726

Ion Ratio Lower Upper

65 100

67 51.0 0.0 98.2

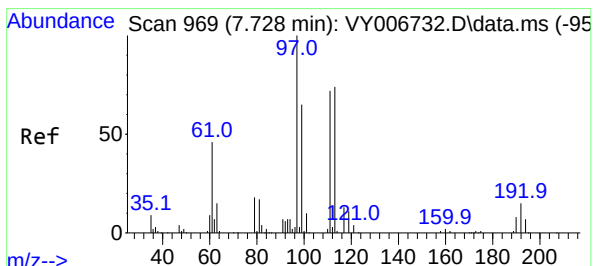
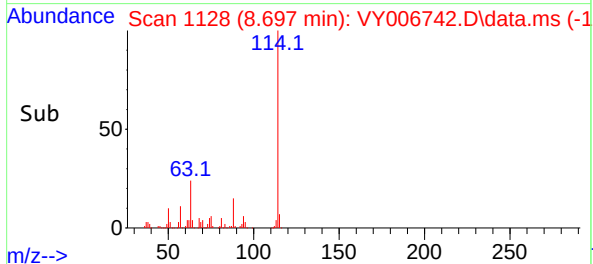
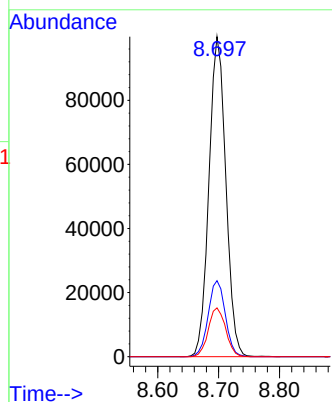
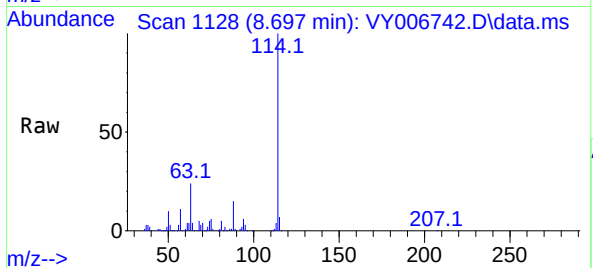




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY006742.D
Acq: 15 Nov 2021 19:45

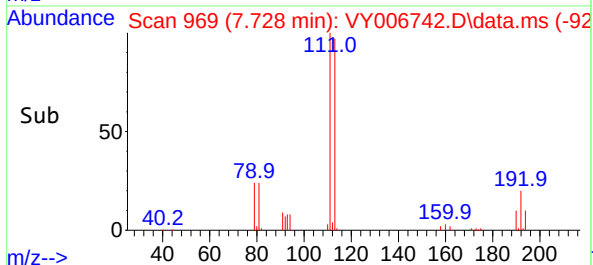
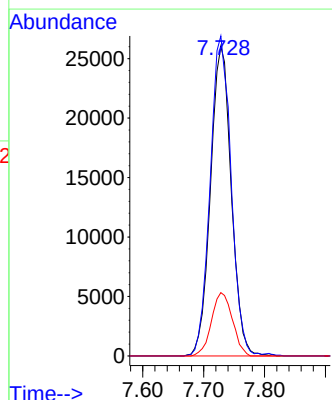
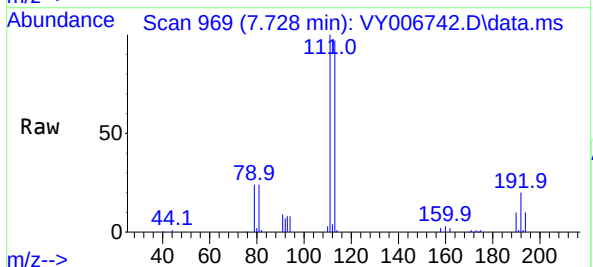
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

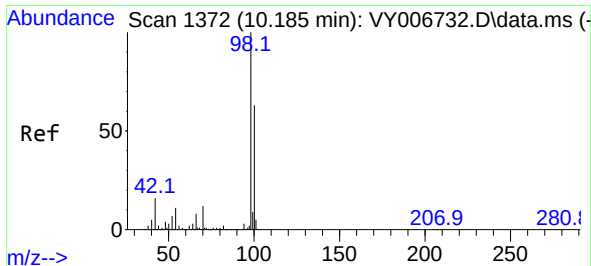
Tgt Ion:114 Resp: 192195
Ion Ratio Lower Upper
114 100
63 23.7 0.0 45.0
88 15.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.279 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY006742.D
Acq: 15 Nov 2021 19:45

Tgt Ion:113 Resp: 61717
Ion Ratio Lower Upper
113 100
111 104.0 82.3 123.5
192 20.6 17.4 26.2

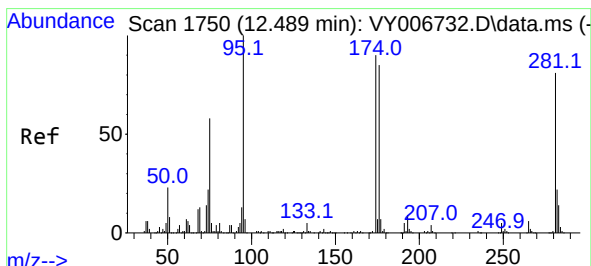
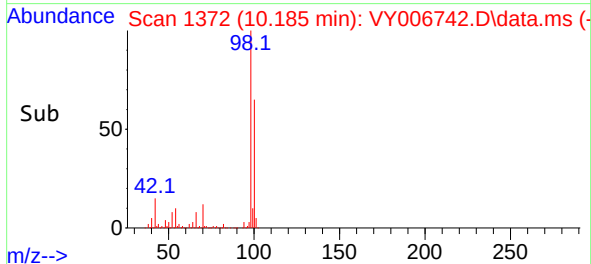
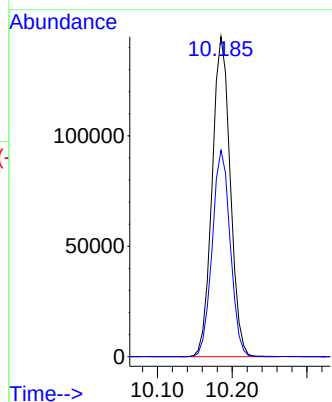
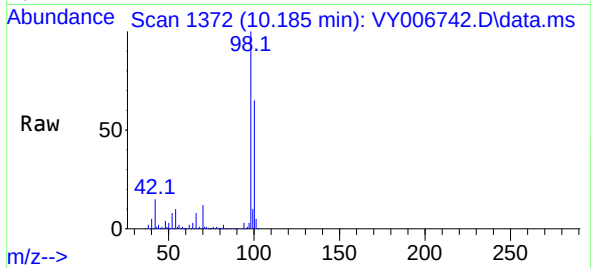




#50
Toluene-d8
Concen: 50.066 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006742.D
Acq: 15 Nov 2021 19:45

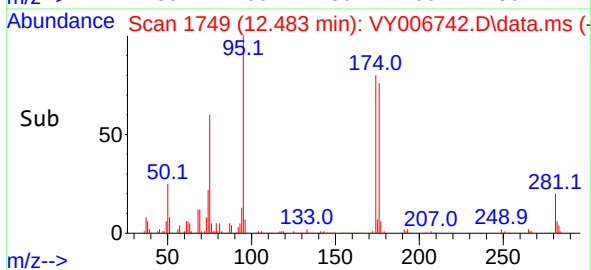
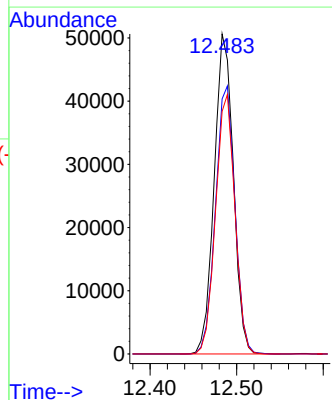
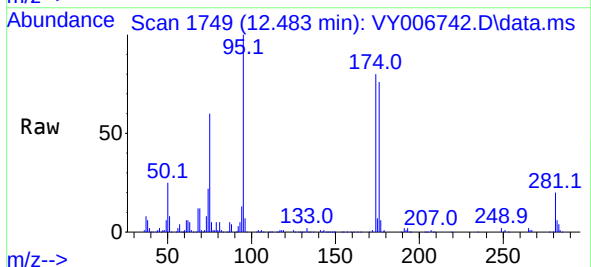
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

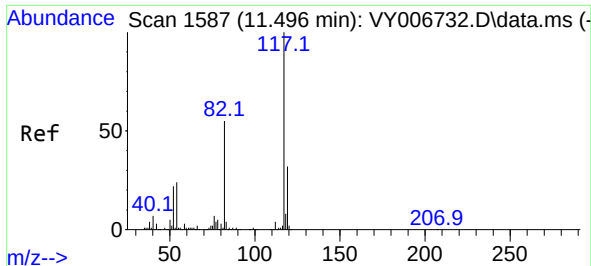
Tgt Ion: 98 Resp: 244581
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.180 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006742.D
Acq: 15 Nov 2021 19:45

Tgt Ion: 95 Resp: 77702
Ion Ratio Lower Upper
95 100
174 85.1 0.0 177.0
176 81.6 0.0 169.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY006742.D

Acq: 15 Nov 2021 19:45

Instrument :

MSVOA_Y

ClientSampleId :

COMP-1

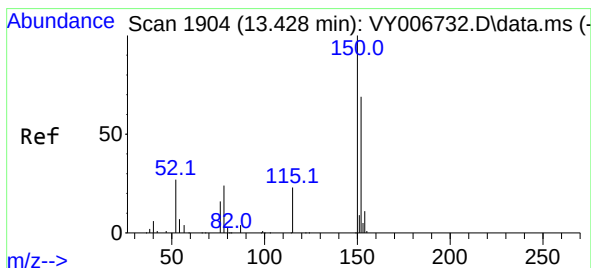
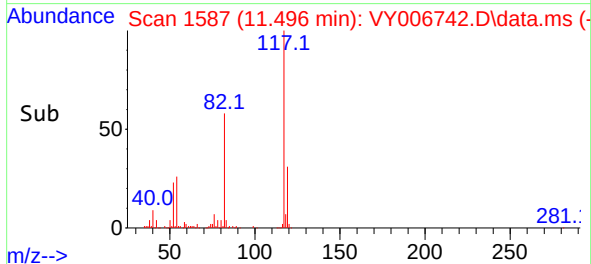
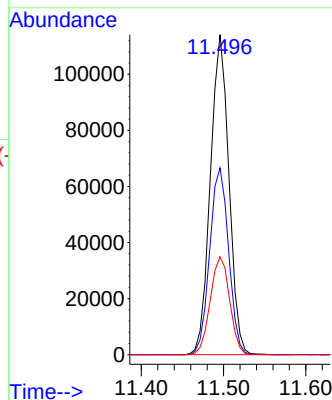
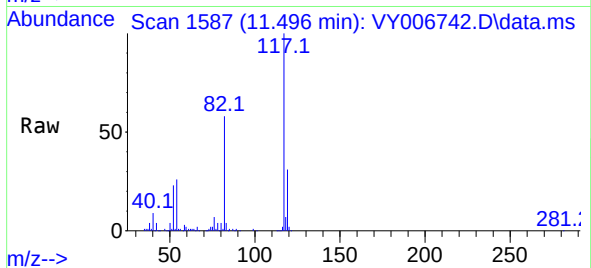
Tgt Ion:117 Resp: 178308

Ion Ratio Lower Upper

117 100

82 58.4 45.7 68.5

119 30.6 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY006742.D

Acq: 15 Nov 2021 19:45

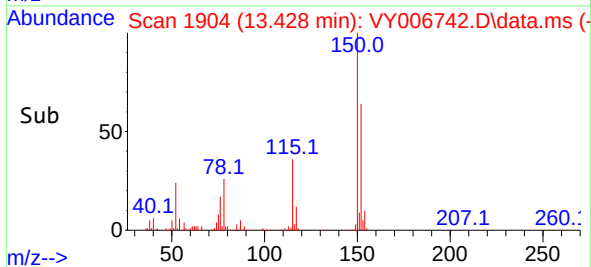
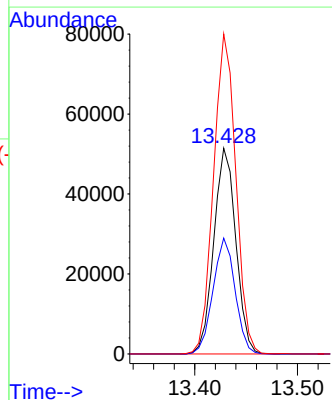
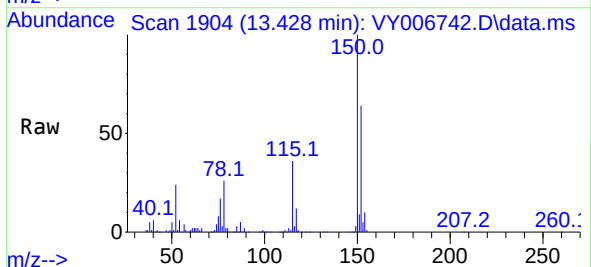
Tgt Ion:152 Resp: 76645

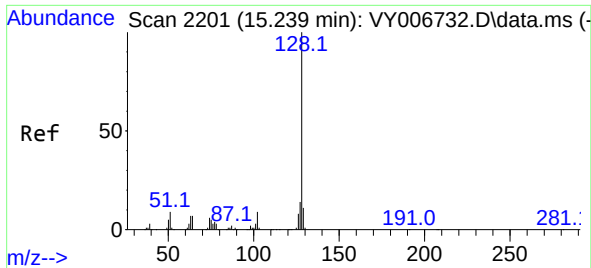
Ion Ratio Lower Upper

152 100

115 56.4 28.5 85.5

150 157.1 0.0 348.2





#95

Naphthalene

Concen: 1.403 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY006742.D

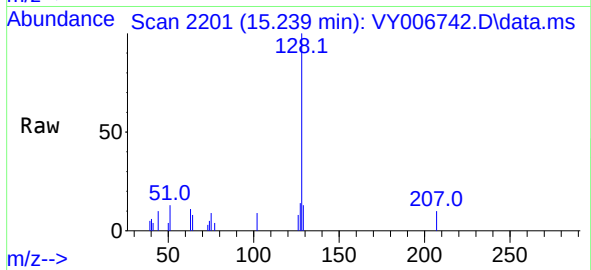
Acq: 15 Nov 2021 19:45

Instrument :

MSVOA_Y

ClientSampleId :

COMP-1



Tgt Ion:128 Resp: 3875

Ion	Ratio	Lower	Upper
128	100		
127	14.8	11.0	16.4
129	10.8	8.9	13.3

