

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111621\
 Data File : VY006759.D
 Acq On : 16 Nov 2021 14:15
 Operator : SY/MD
 Sample : M4683-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-111221

Quant Time: Nov 17 04:07:13 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)

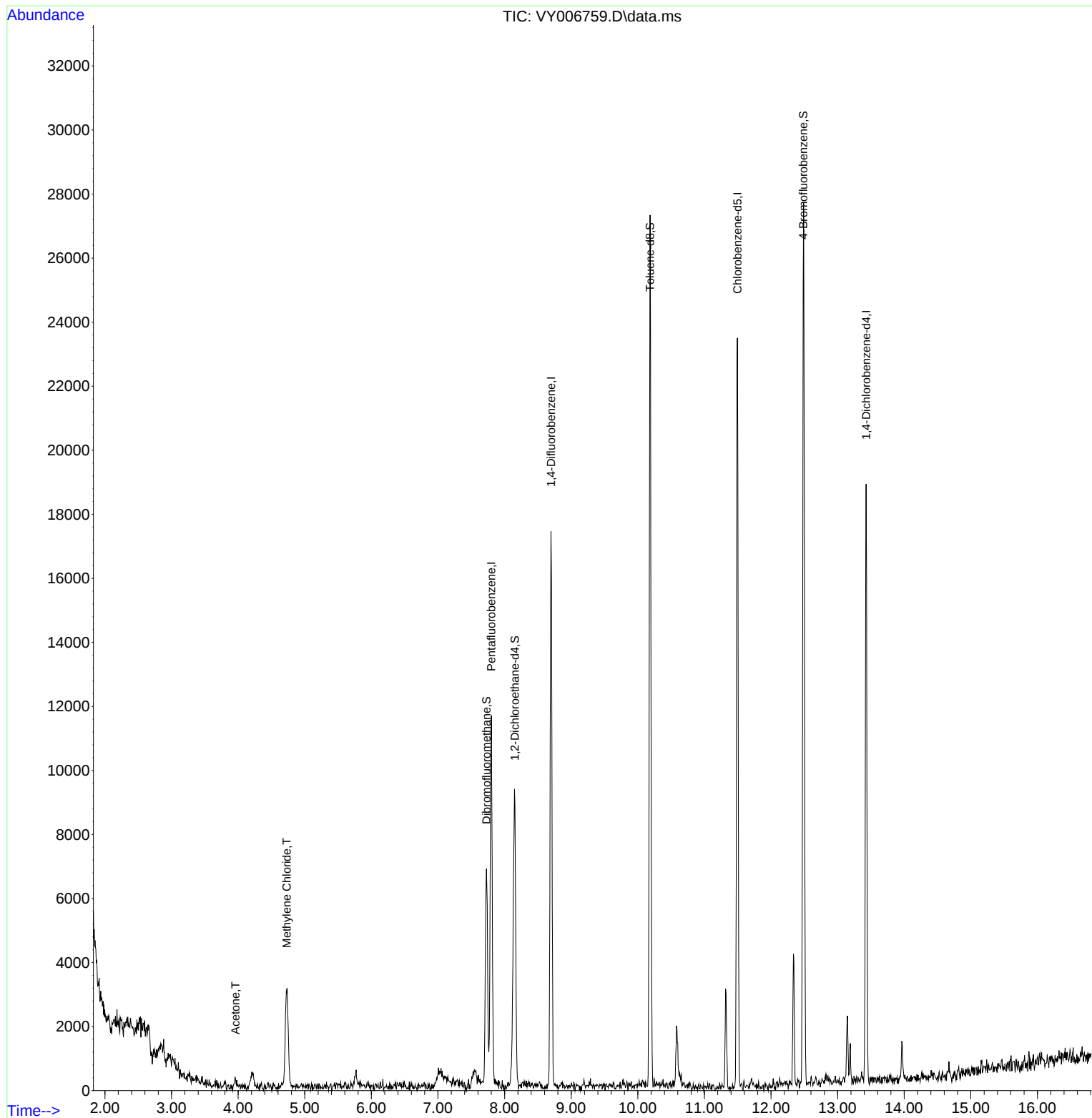
Internal Standards						
1) Pentafluorobenzene	7.801	168	8246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	13551	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	13292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4796	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	7215	66.760	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.520%
35) Dibromofluoromethane	7.728	113	4496	54.015	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.040%
50) Toluene-d8	10.185	98	16892	49.042	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.080%
62) 4-Bromofluorobenzene	12.483	95	5082	43.766	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.540%
Target Compounds						
16) Acetone	3.960	43	355	10.811	ug/l #	89
20) Methylene Chloride	4.728	84	2243	20.901	ug/l #	87

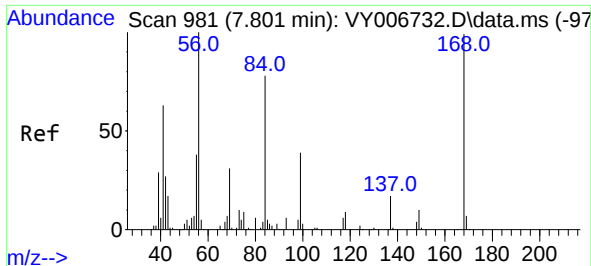
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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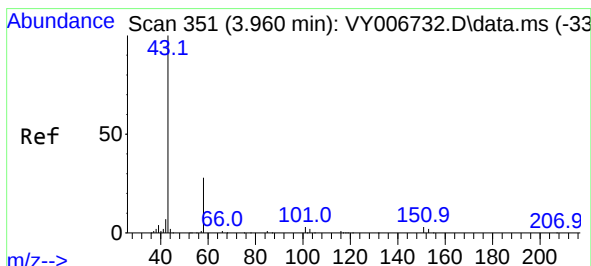
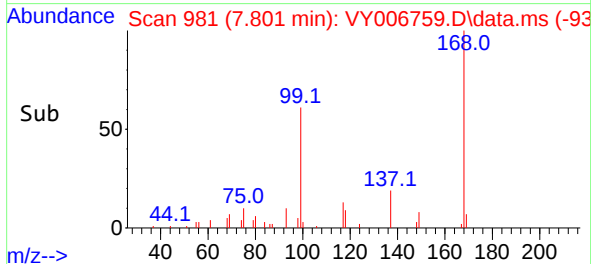
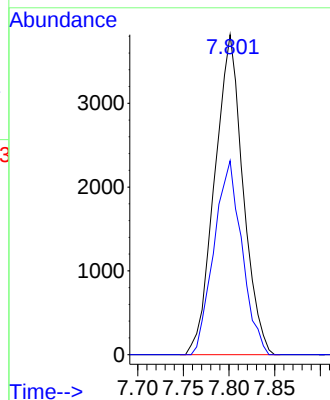
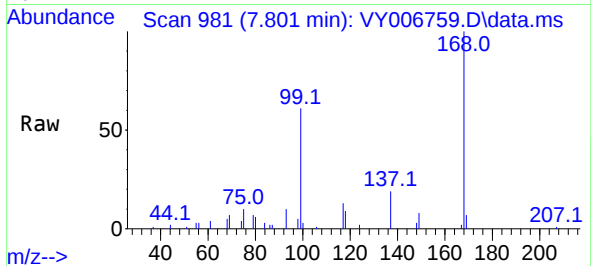




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006759.D
Acq: 16 Nov 2021 14:15

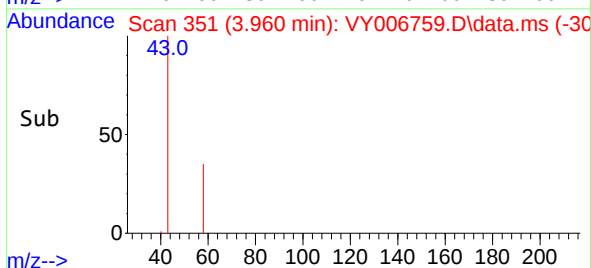
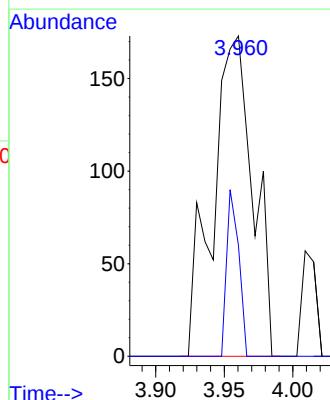
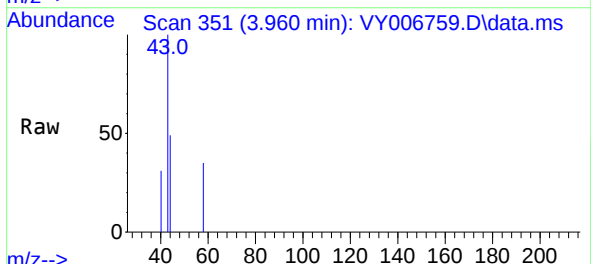
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-111221

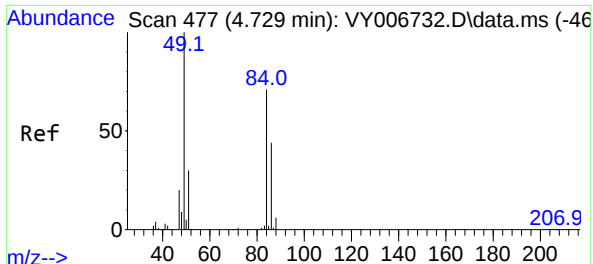
Tgt Ion:168 Resp: 8246
Ion Ratio Lower Upper
168 100
99 60.6 44.8 67.2



#16
Acetone
Concen: 10.811 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY006759.D
Acq: 16 Nov 2021 14:15

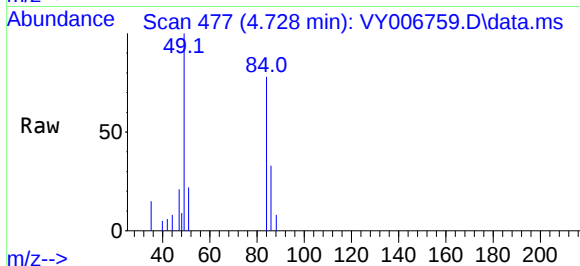
Tgt Ion: 43 Resp: 355
Ion Ratio Lower Upper
43 100
58 34.7 22.9 34.3#



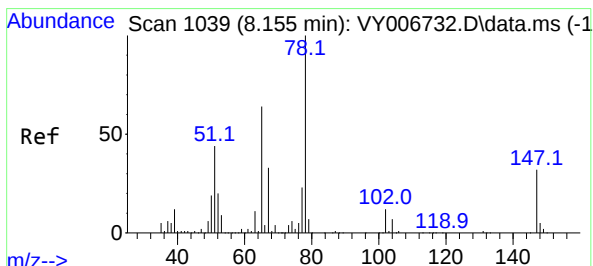
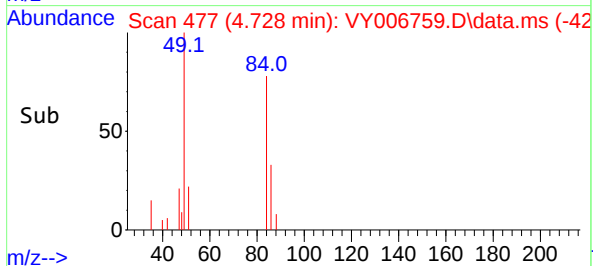
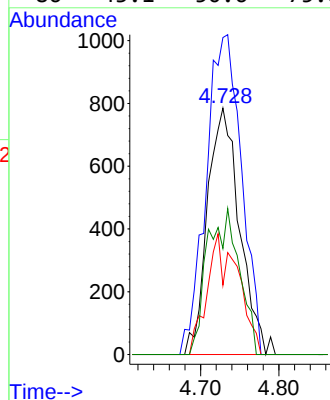


#20
Methylene Chloride
Concen: 20.901 ug/l
RT: 4.728 min Scan# 41
Delta R.T. -0.001 min
Lab File: VY006759.D
Acq: 16 Nov 2021 14:15

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-111221

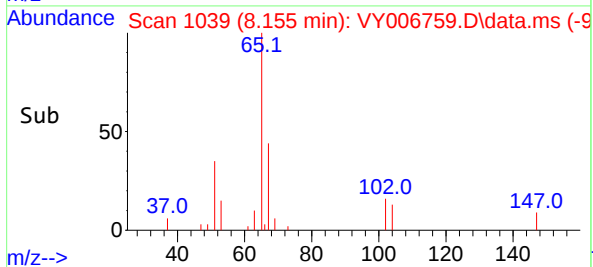
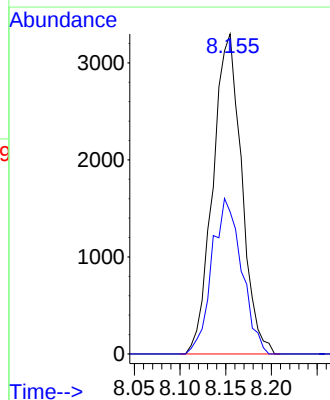
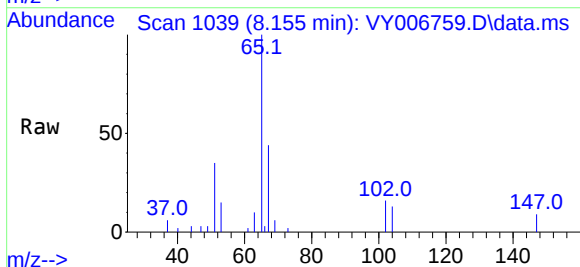


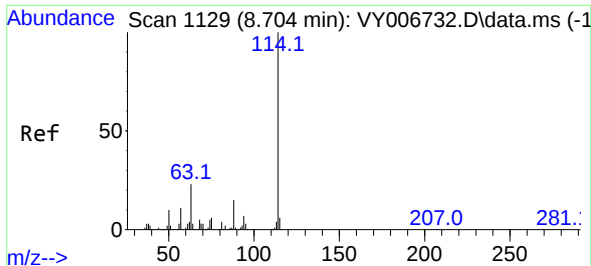
Tgt Ion: 84 Resp: 2243
Ion Ratio Lower Upper
84 100
49 128.7 107.8 161.8
51 28.2 32.8 49.2#
86 43.1 50.6 75.8#



#33
1,2-Dichloroethane-d4
Concen: 66.760 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY006759.D
Acq: 16 Nov 2021 14:15

Tgt Ion: 65 Resp: 7215
Ion Ratio Lower Upper
65 100
67 50.2 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: VY006759.D

Acq: 16 Nov 2021 14:15

Instrument :

MSVOA_Y

ClientSampleId :

NB-07-111221

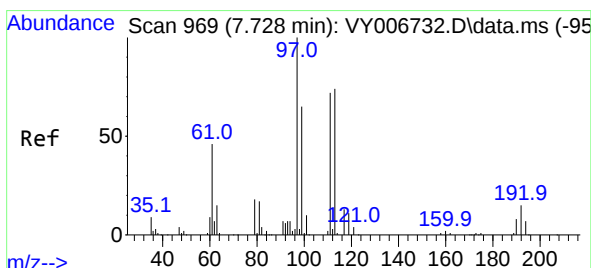
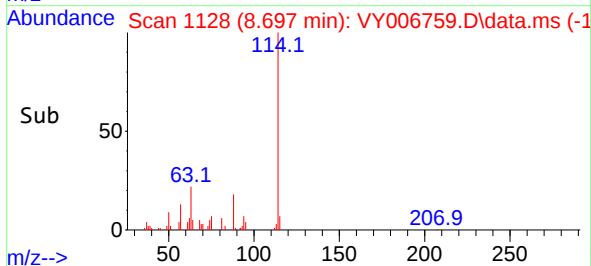
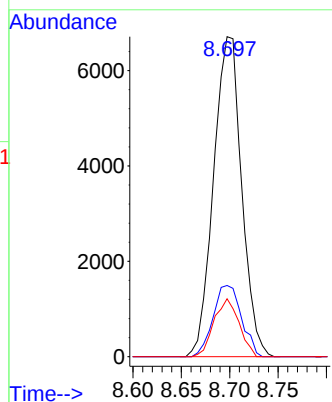
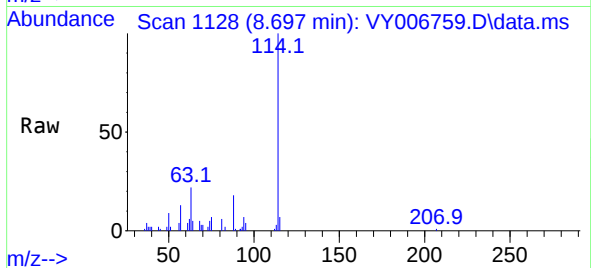
Tgt Ion:114 Resp: 13551

Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.0

88 18.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.015 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY006759.D

Acq: 16 Nov 2021 14:15

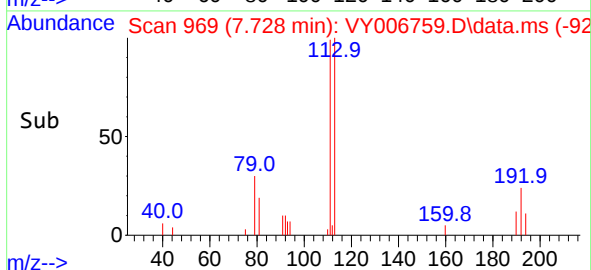
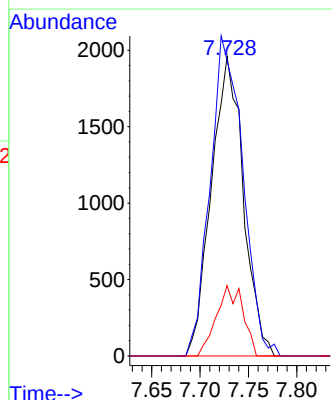
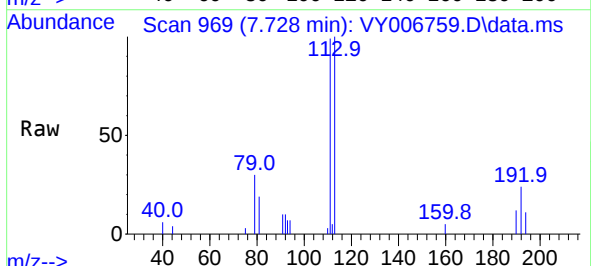
Tgt Ion:113 Resp: 4496

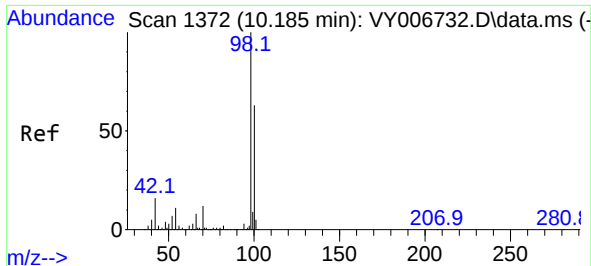
Ion Ratio Lower Upper

113 100

111 109.3 82.3 123.5

192 19.5 17.4 26.2

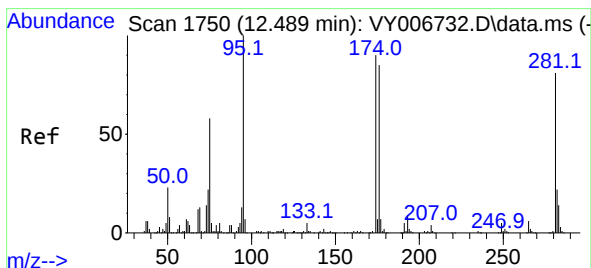
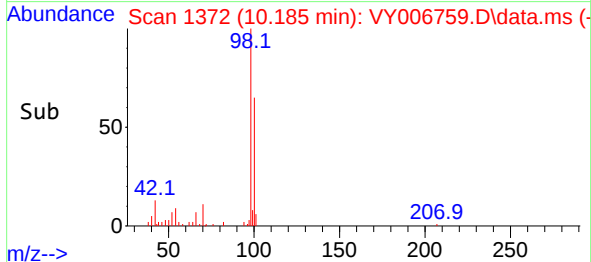
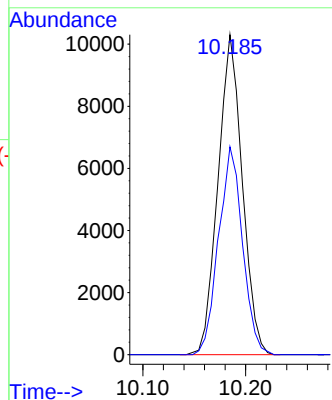
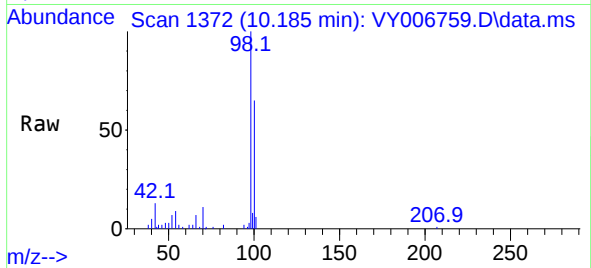




#50
Toluene-d8
Concen: 49.042 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006759.D
Acq: 16 Nov 2021 14:15

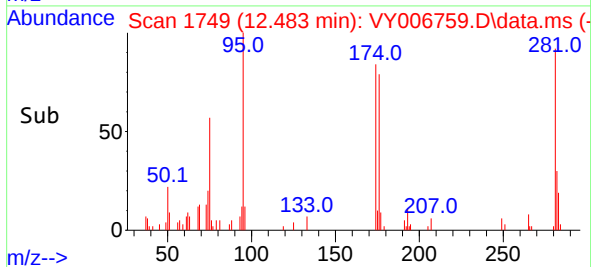
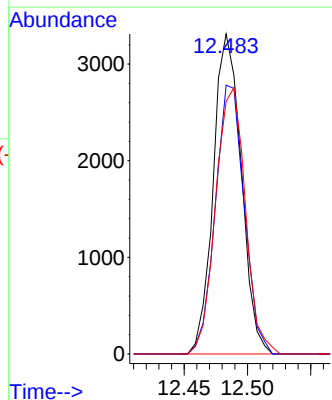
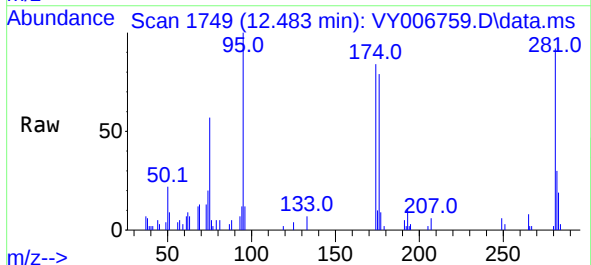
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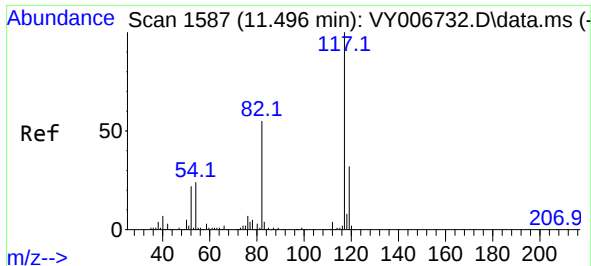
Tgt Ion: 98 Resp: 16892
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 43.766 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006759.D
Acq: 16 Nov 2021 14:15

Tgt Ion: 95 Resp: 5082
Ion Ratio Lower Upper
95 100
174 86.7 0.0 177.0
176 88.2 0.0 169.4

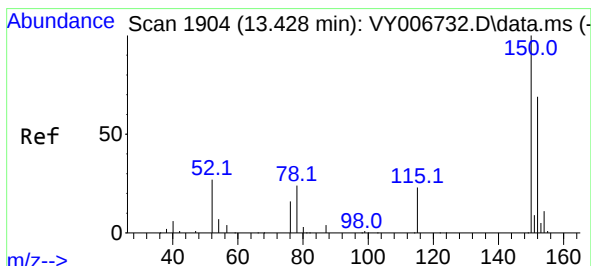
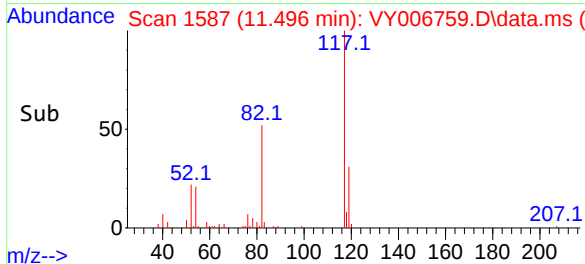
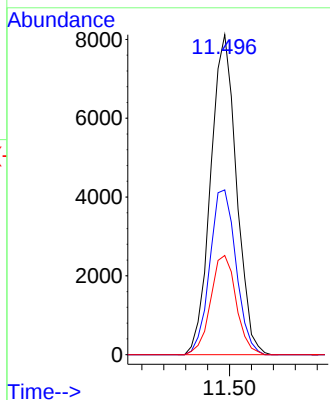
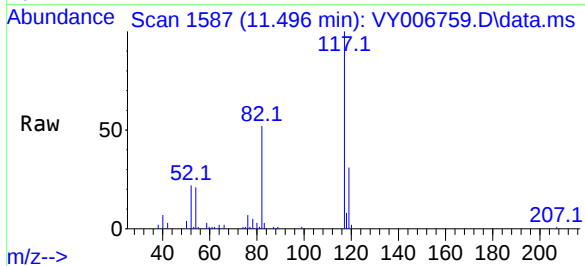




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006759.D
Acq: 16 Nov 2021 14:15

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-111221

Tgt Ion:117	Resp:	13292
Ion	Ratio	Lower Upper
117	100	
82	51.5	45.7 68.5
119	31.0	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: VY006759.D
Acq: 16 Nov 2021 14:15

Tgt Ion:152	Resp:	4796
Ion	Ratio	Lower Upper
152	100	
115	56.0	28.5 85.5
150	155.0	0.0 348.2

