

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111621\
 Data File : VY006754.D
 Acq On : 16 Nov 2021 12:17
 Operator : SY/MD
 Sample : M4687-02
 Misc : 6.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VWE-B35-111221-0-1

Quant Time: Nov 17 04:02:02 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)

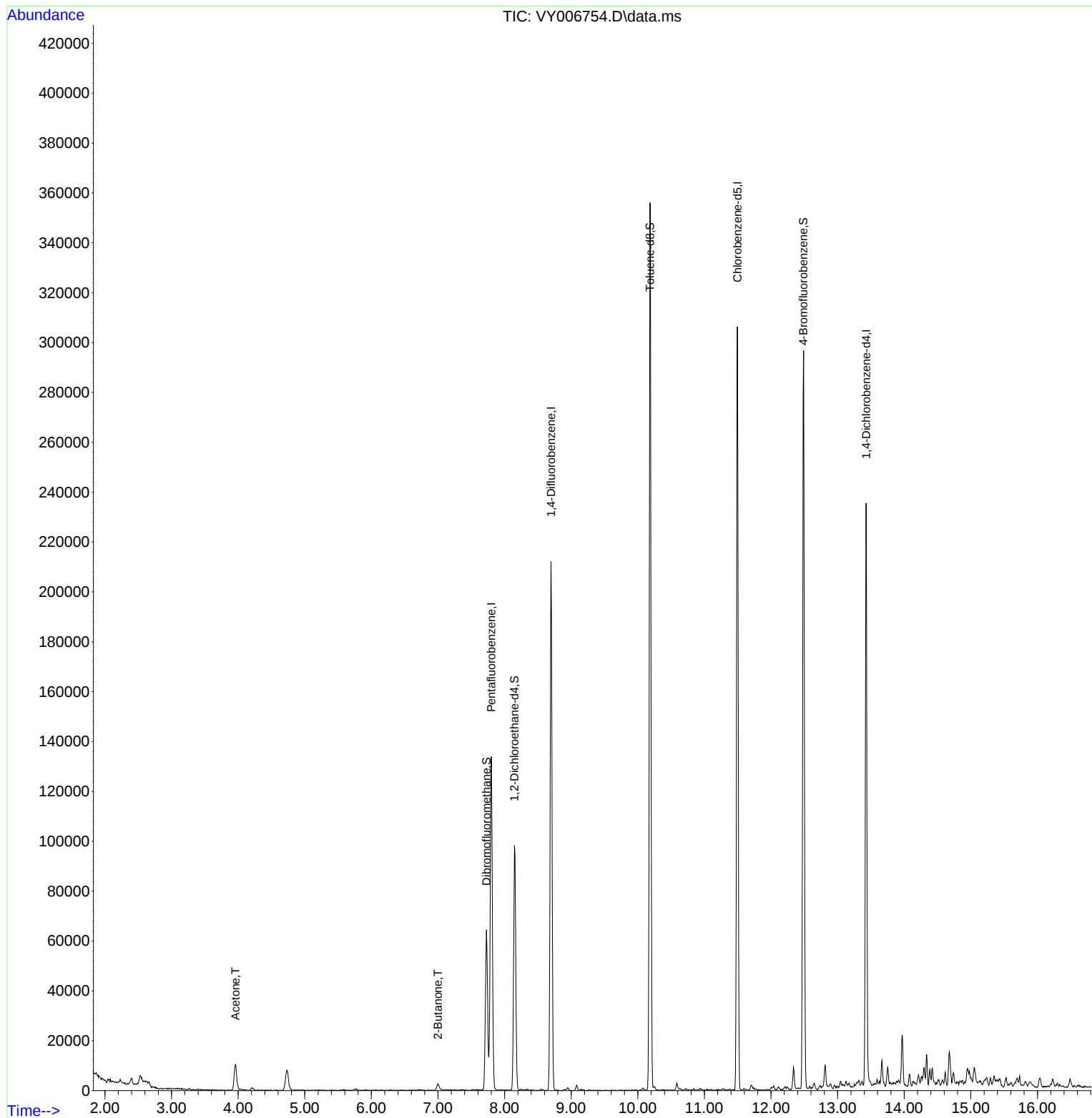
Internal Standards						
1) Pentafluorobenzene	7.801	168	99714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	172876	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	153520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	54097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	79897	61.136	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.280%
35) Dibromofluoromethane	7.728	113	41768	39.334	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.660%
50) Toluene-d8	10.185	98	217763	49.557	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.120%
62) 4-Bromofluorobenzene	12.483	95	62785	42.383	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.760%
Target Compounds						
16) Acetone	3.960	43	18654	46.980	ug/l	100
25) 2-Butanone	6.996	43	4333	18.660	ug/l	94

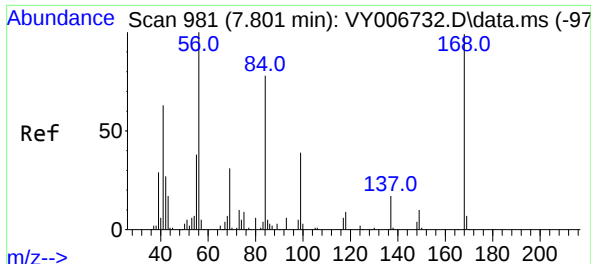
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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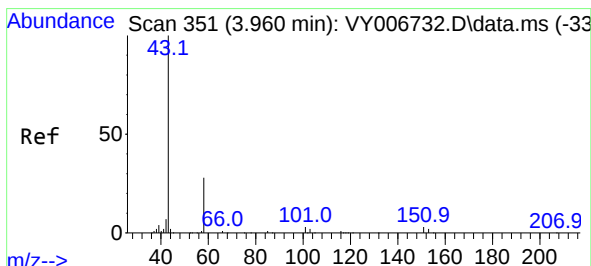
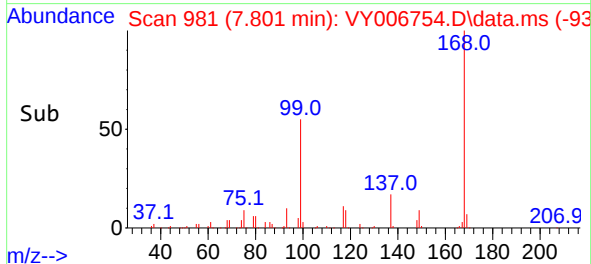
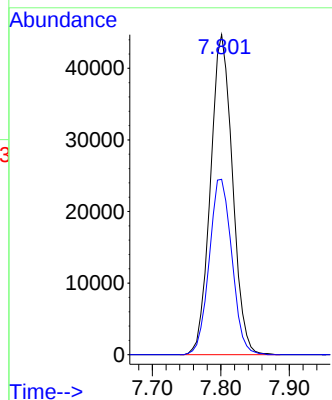
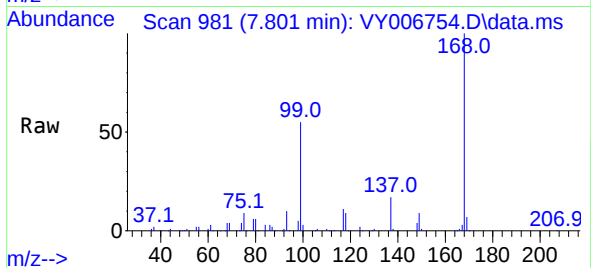




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006754.D
Acq: 16 Nov 2021 12:17

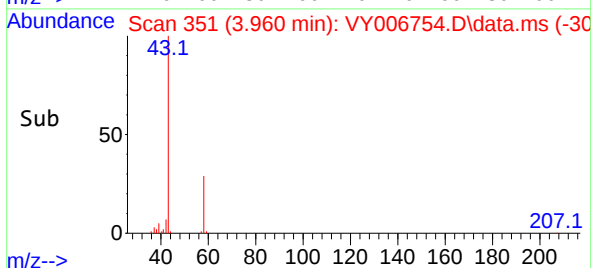
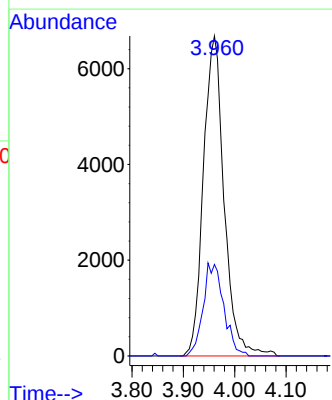
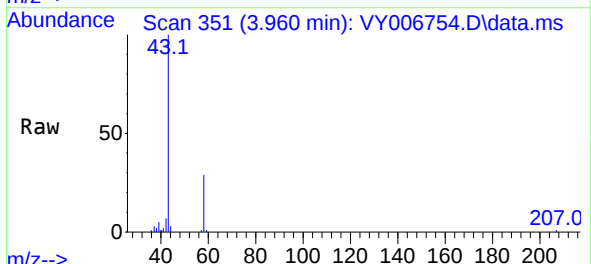
Instrument :
MSVOA_Y
ClientSampleId :
VWE-B35-111221-0-1

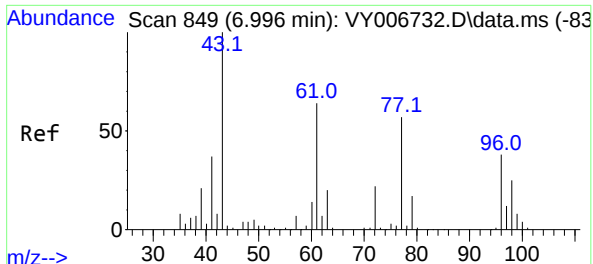
Tgt Ion:168 Resp: 99714
Ion Ratio Lower Upper
168 100
99 54.8 44.8 67.2



#16
Acetone
Concen: 46.980 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY006754.D
Acq: 16 Nov 2021 12:17

Tgt Ion: 43 Resp: 18654
Ion Ratio Lower Upper
43 100
58 28.6 22.9 34.3





#25

2-Butanone

Concen: 18.660 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY006754.D

Acq: 16 Nov 2021 12:17

Instrument :

MSVOA_Y

ClientSampleId :

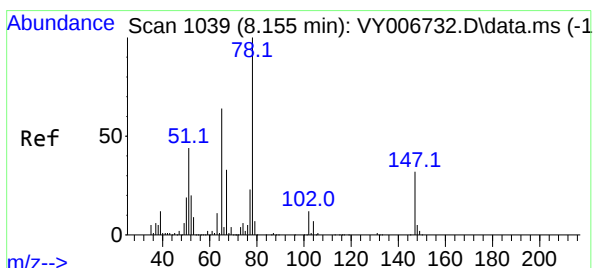
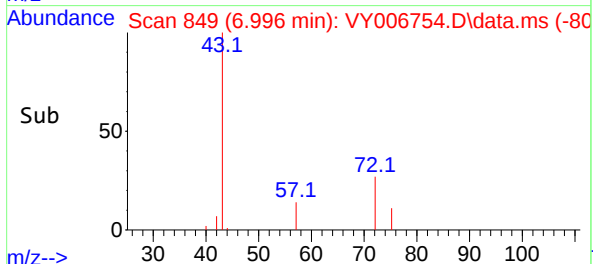
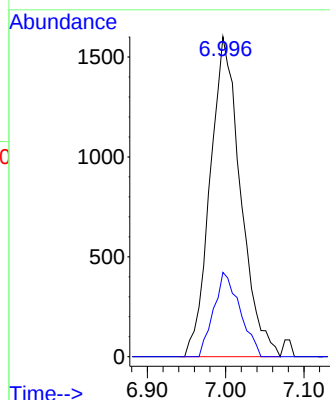
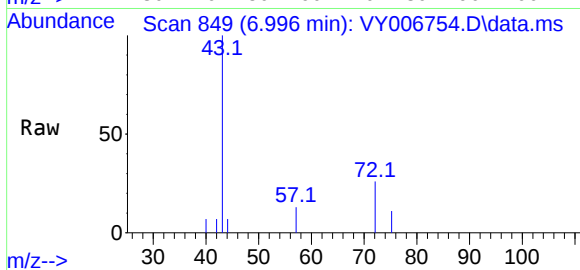
VWE-B35-111221-0-1

Tgt Ion: 43 Resp: 4333

Ion Ratio Lower Upper

43 100

72 26.3 18.9 28.3



#33

1,2-Dichloroethane-d4

Concen: 61.136 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY006754.D

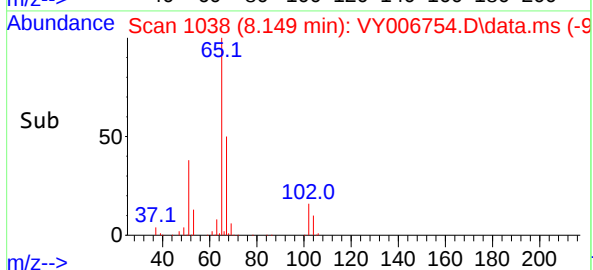
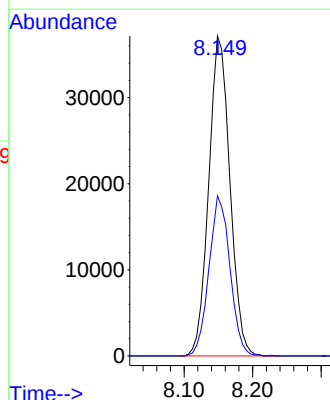
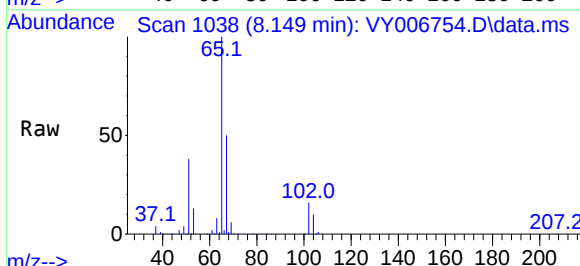
Acq: 16 Nov 2021 12:17

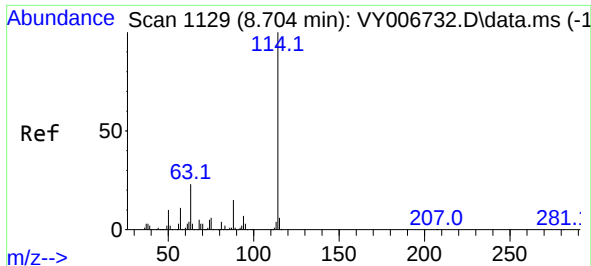
Tgt Ion: 65 Resp: 79897

Ion Ratio Lower Upper

65 100

67 49.6 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY006754.D

Acq: 16 Nov 2021 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VWE-B35-111221-0-1

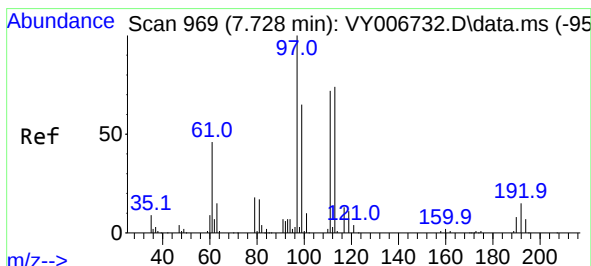
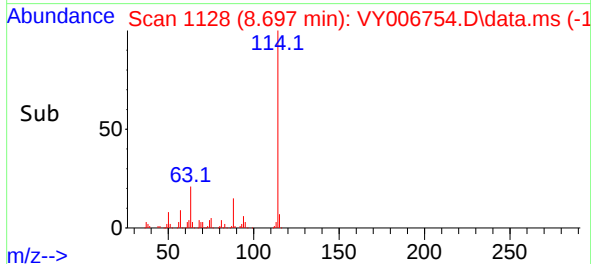
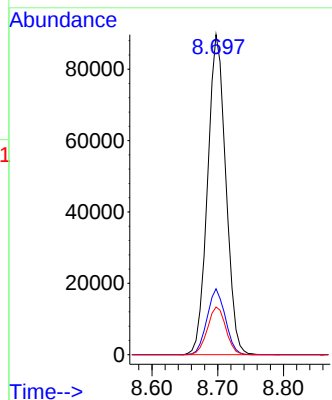
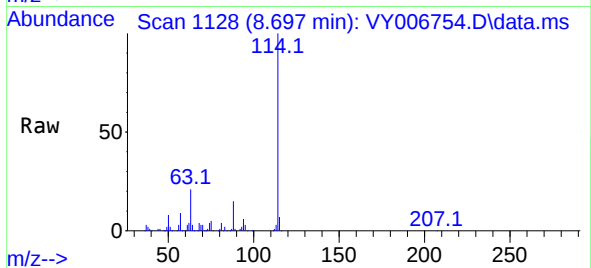
Tgt Ion:114 Resp: 172876

Ion Ratio Lower Upper

114 100

63 20.6 0.0 45.0

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 39.334 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY006754.D

Acq: 16 Nov 2021 12:17

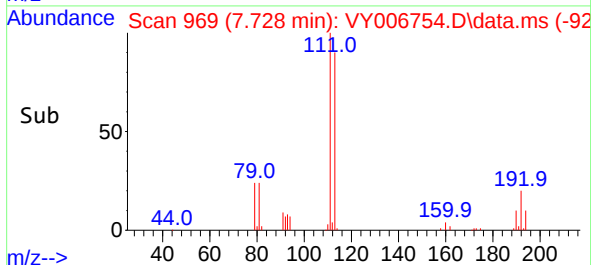
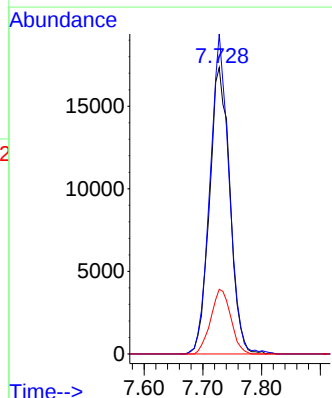
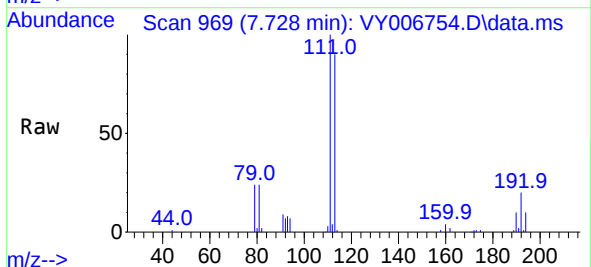
Tgt Ion:113 Resp: 41768

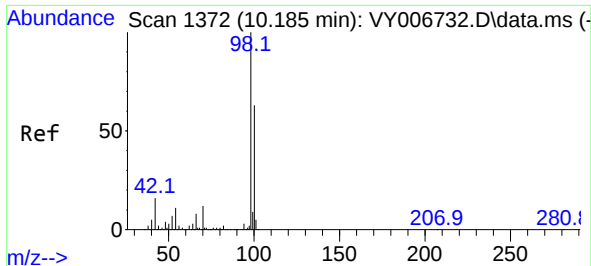
Ion Ratio Lower Upper

113 100

111 104.7 82.3 123.5

192 22.2 17.4 26.2

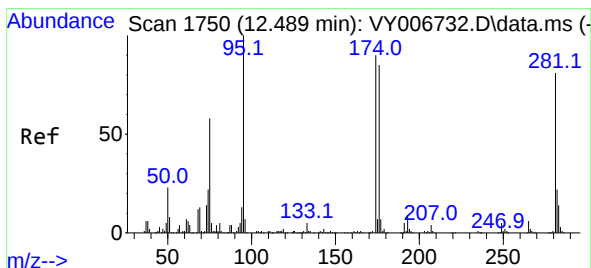
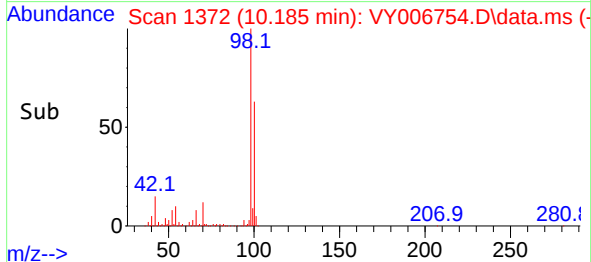
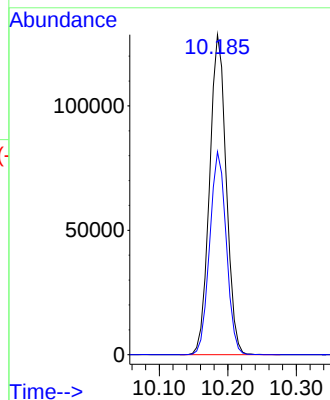
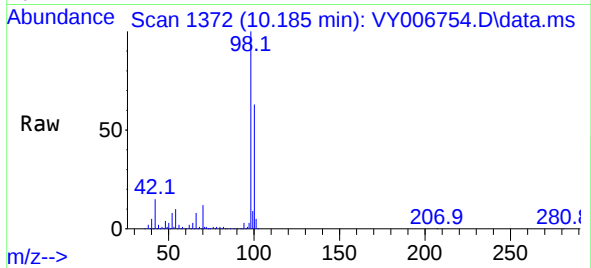




#50
Toluene-d8
Concen: 49.557 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006754.D
Acq: 16 Nov 2021 12:17

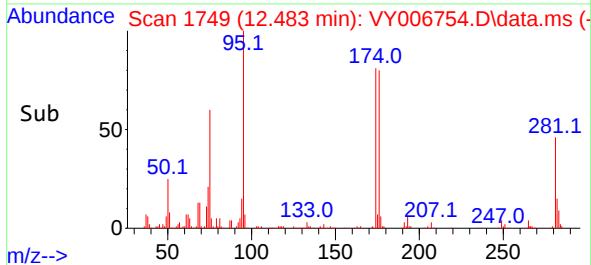
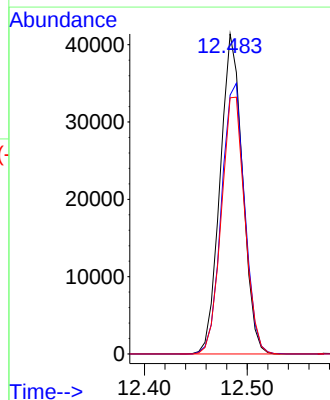
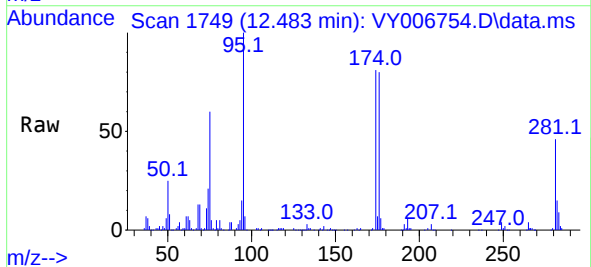
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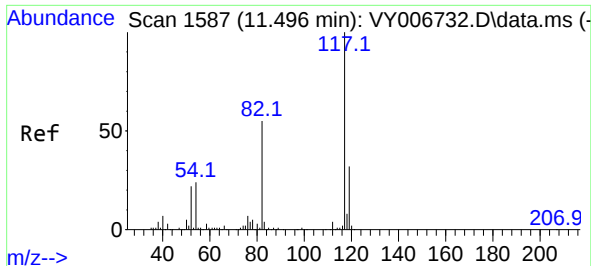
Tgt Ion: 98 Resp: 217763
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 42.383 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006754.D
Acq: 16 Nov 2021 12:17

Tgt Ion: 95 Resp: 62785
Ion Ratio Lower Upper
95 100
174 87.1 0.0 177.0
176 83.5 0.0 169.4

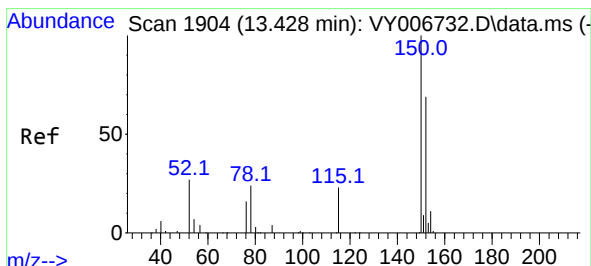
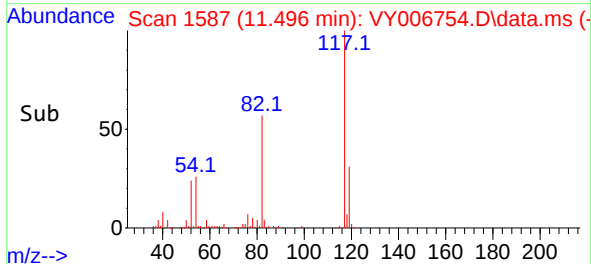
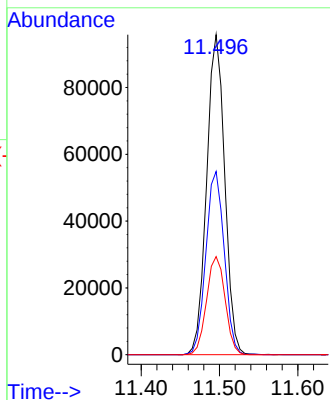
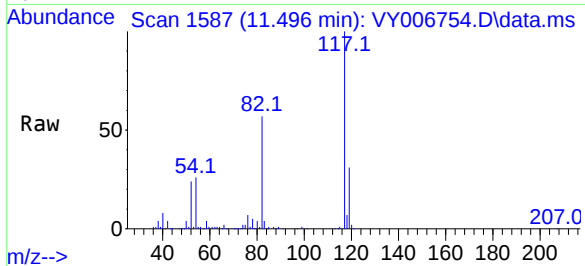




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006754.D
Acq: 16 Nov 2021 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VWE-B35-111221-0-1

Tgt Ion:	117	Resp:	153520
Ion Ratio	Lower	Upper	
117	100		
82	57.3	45.7	68.5
119	30.7	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: VY006754.D
Acq: 16 Nov 2021 12:17

Tgt Ion:	152	Resp:	54097
Ion Ratio	Lower	Upper	
152	100		
115	59.1	28.5	85.5
150	158.5	0.0	348.2

