

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111621\
 Data File : VY006755.D
 Acq On : 16 Nov 2021 12:41
 Operator : SY/MD
 Sample : M4687-03
 Misc : 5.29G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VWE-B35-111221-9-10

Quant Time: Nov 17 04:02:58 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	99567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	172341	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	157090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	62308	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	81262	62.27	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.54%
35) Dibromofluoromethane	7.728	113	40127	37.91	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.82%
50) Toluene-d8	10.185	98	216265	49.37	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.74%
62) 4-Bromofluorobenzene	12.489	95	67271	45.55	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.10%

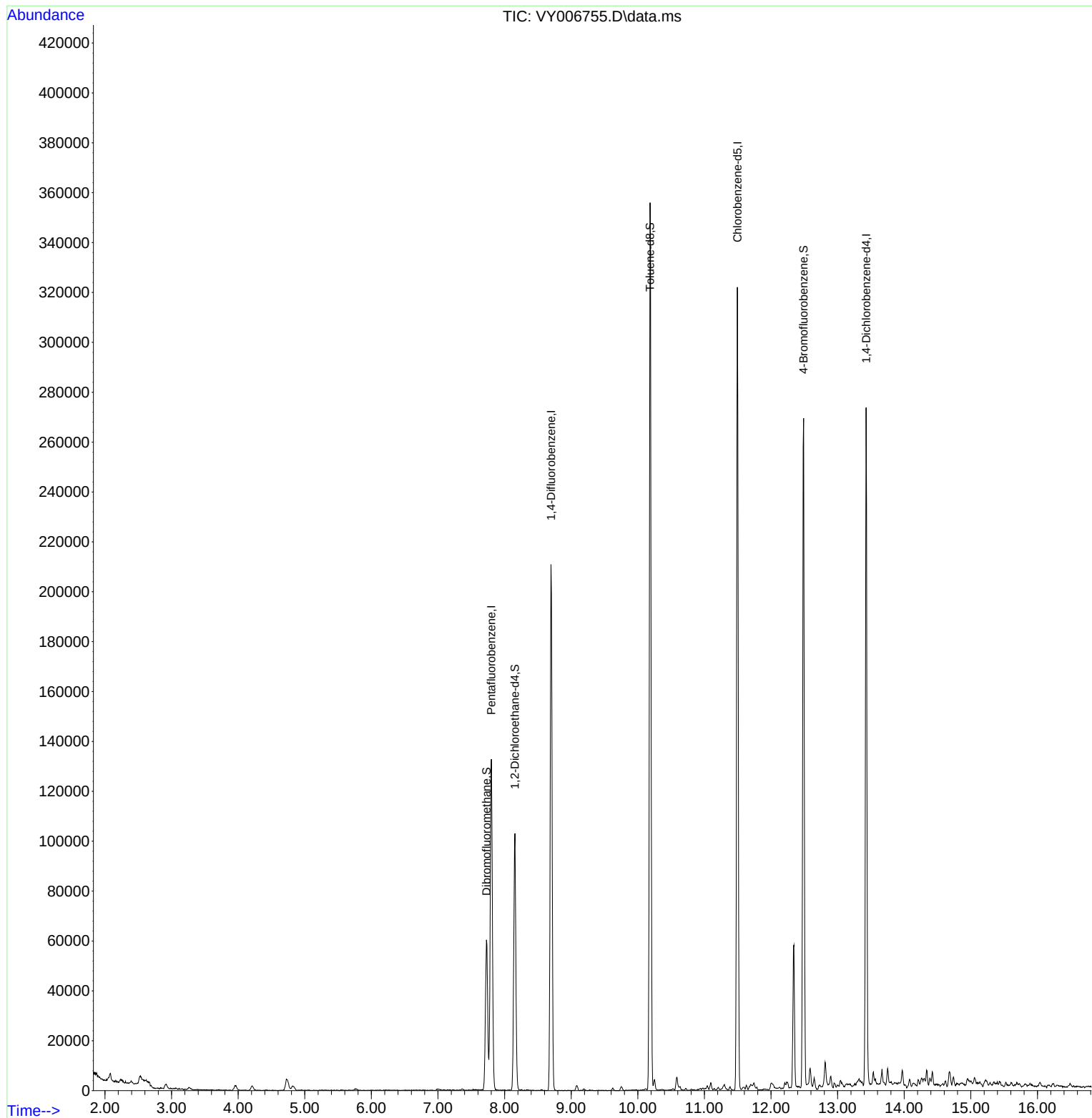
Target Compounds	Qvalue

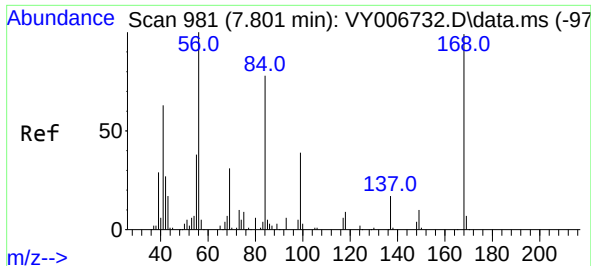
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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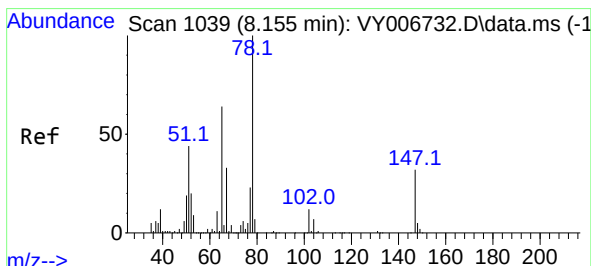
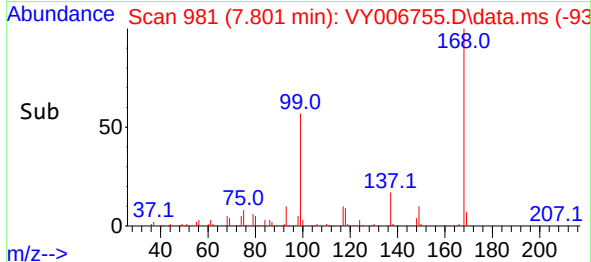
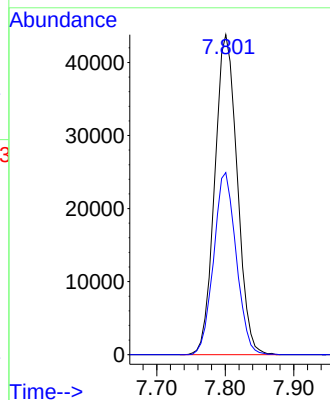
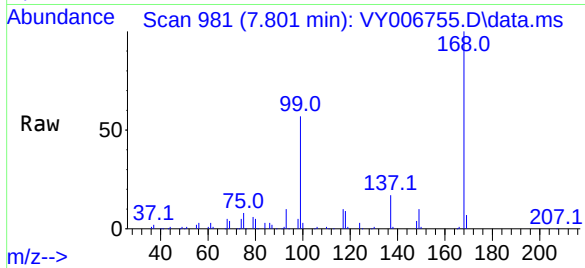




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006755.D
Acq: 16 Nov 2021 12:41

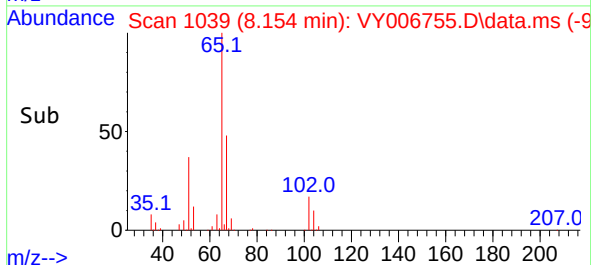
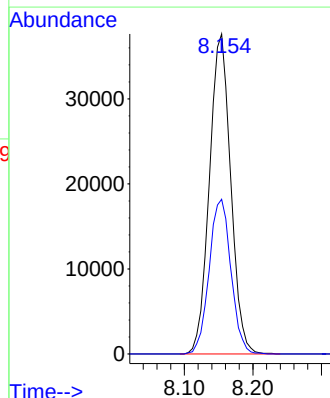
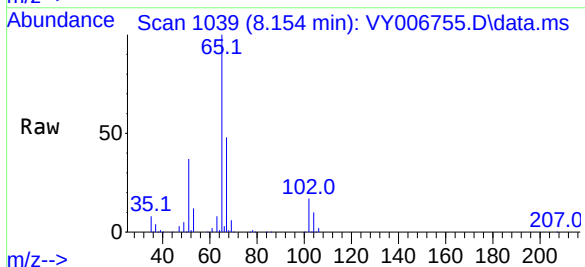
Instrument :
MSVOA_Y
ClientSampleId :
VWE-B35-111221-9-10

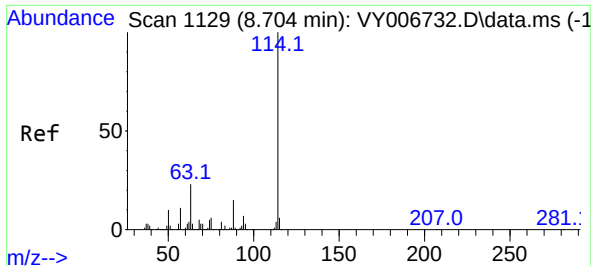
Tgt Ion:168 Resp: 99567
Ion Ratio Lower Upper
168 100
99 56.9 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 62.27 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY006755.D
Acq: 16 Nov 2021 12:41

Tgt Ion: 65 Resp: 81262
Ion Ratio Lower Upper
65 100
67 49.4 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1129

Delta R.T. -0.007 min

Lab File: VY006755.D

Acq: 16 Nov 2021 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VWE-B35-111221-9-10

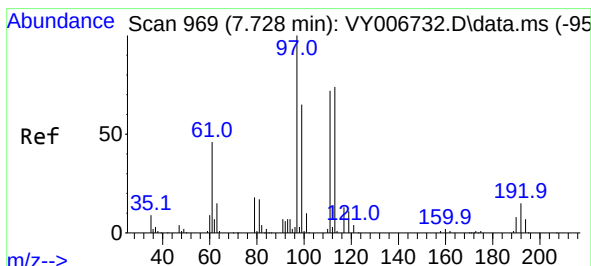
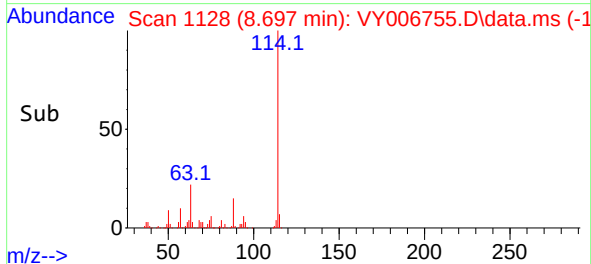
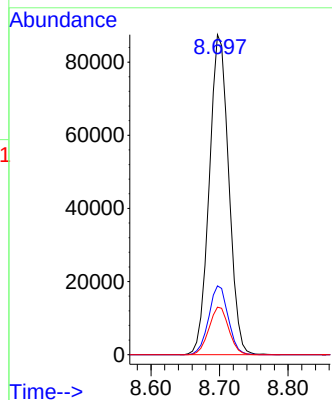
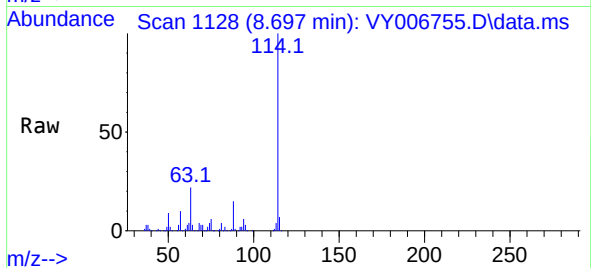
Tgt Ion:114 Resp: 172341

Ion Ratio Lower Upper

114 100

63 21.5 0.0 45.0

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 37.91 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY006755.D

Acq: 16 Nov 2021 12:41

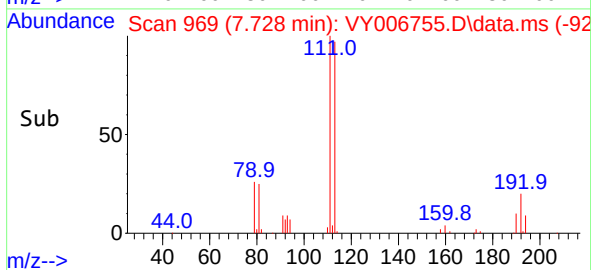
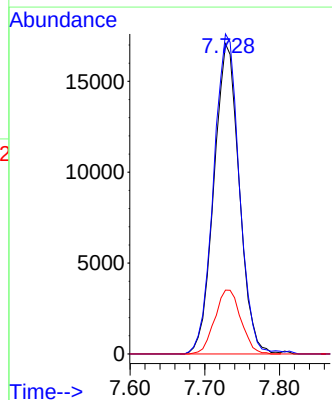
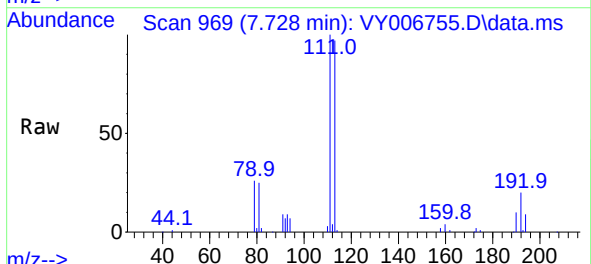
Tgt Ion:113 Resp: 40127

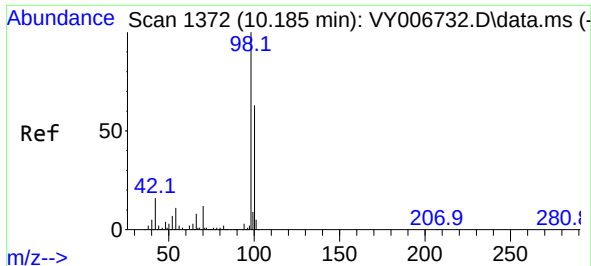
Ion Ratio Lower Upper

113 100

111 104.5 82.3 123.5

192 21.2 17.4 26.2

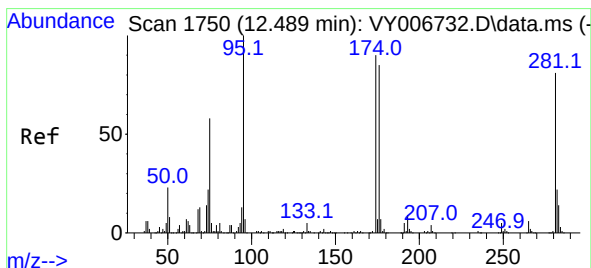
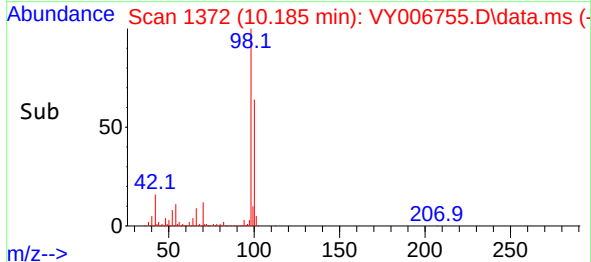
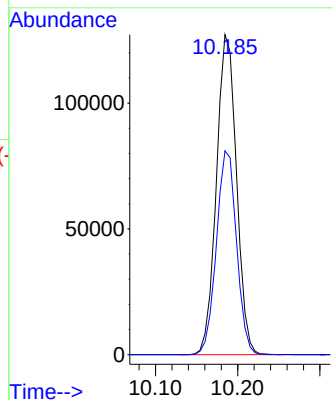
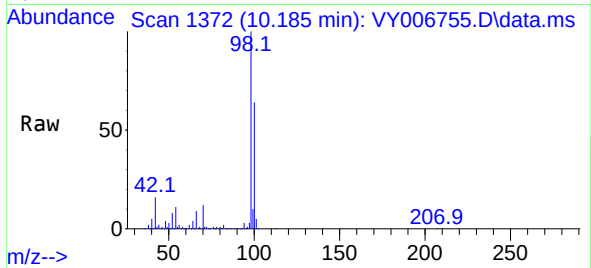




#50
Toluene-d8
Concen: 49.37 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006755.D
Acq: 16 Nov 2021 12:41

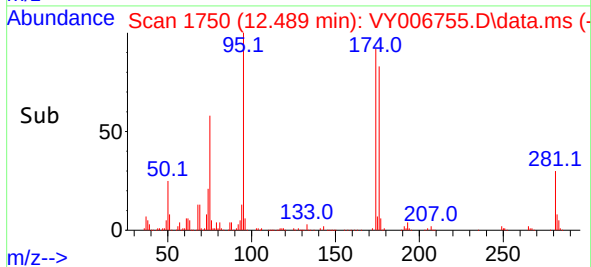
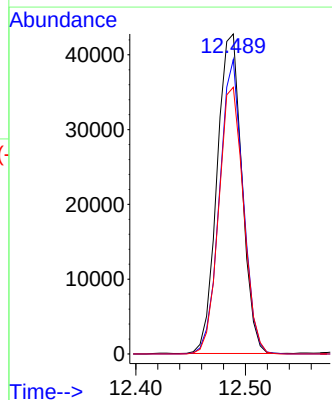
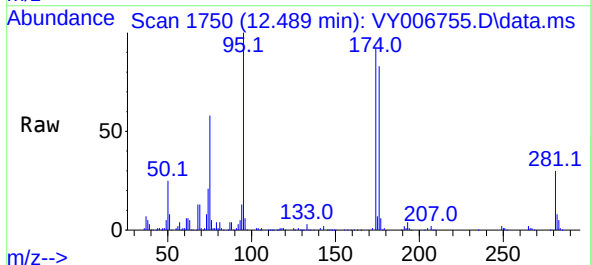
Instrument :
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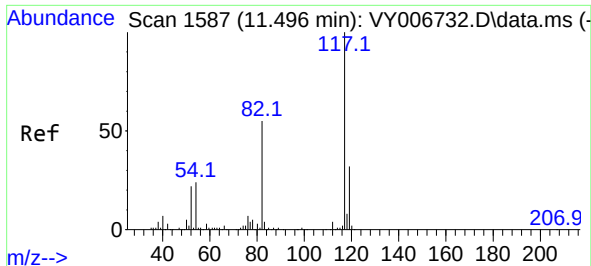
Tgt Ion: 98 Resp: 216265
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 45.55 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY006755.D
Acq: 16 Nov 2021 12:41

Tgt Ion: 95 Resp: 67271
Ion Ratio Lower Upper
95 100
174 87.2 0.0 177.0
176 83.2 0.0 169.4

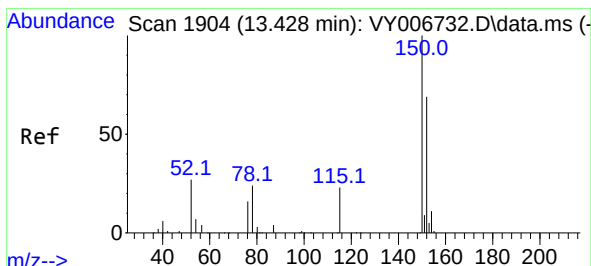
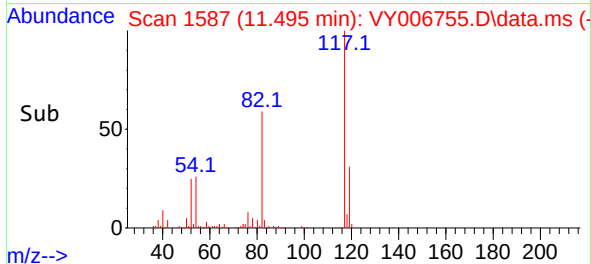
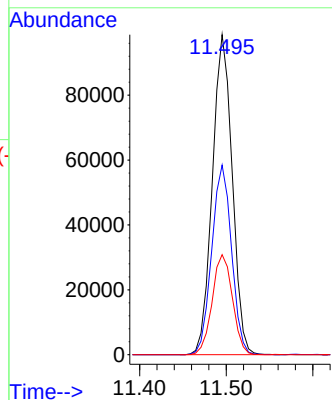
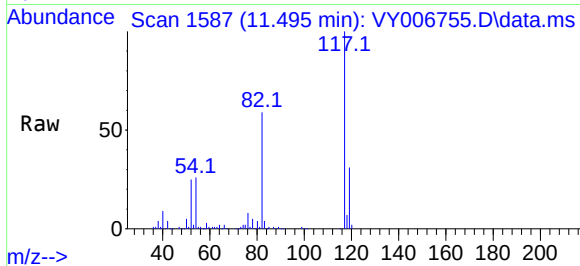




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006755.D
Acq: 16 Nov 2021 12:41

Instrument :
MSVOA_Y
ClientSampleId :
VWE-B35-111221-9-10

Tgt Ion:	117	Resp:	157090
Ion	Ratio	Lower	Upper
117	100		
82	59.3	45.7	68.5
119	31.3	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006755.D
Acq: 16 Nov 2021 12:41

Tgt Ion:	152	Resp:	62308
Ion	Ratio	Lower	Upper
152	100		
115	57.4	28.5	85.5
150	158.2	0.0	348.2

