

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111521\
 Data File : VY006746.D
 Acq On : 15 Nov 2021 21:20
 Operator : SY/MD
 Sample : M4562-02
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T-1A

Quant Time: Nov 16 04:23:42 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	34304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	53957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	44945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	14673	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	21059	46.840	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.680%
35) Dibromofluoromethane	7.728	113	16266	49.079	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.160%
50) Toluene-d8	10.185	98	68402	49.875	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.740%
62) 4-Bromofluorobenzene	12.489	95	15756	34.078	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	68.160%

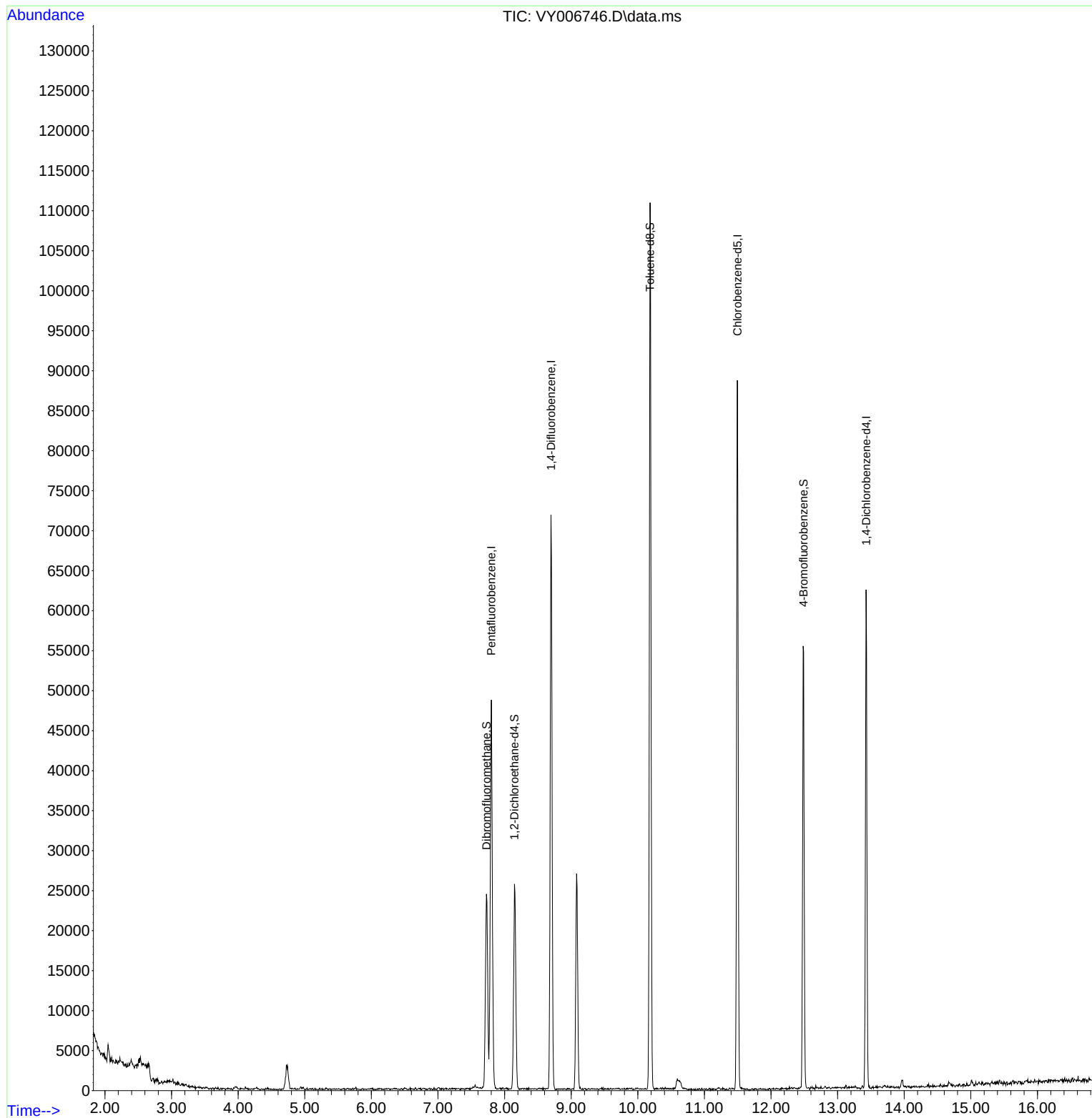
Target Compounds	Qvalue

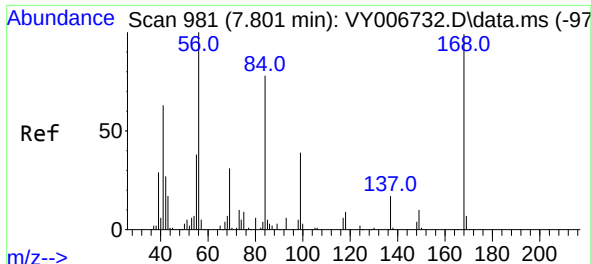
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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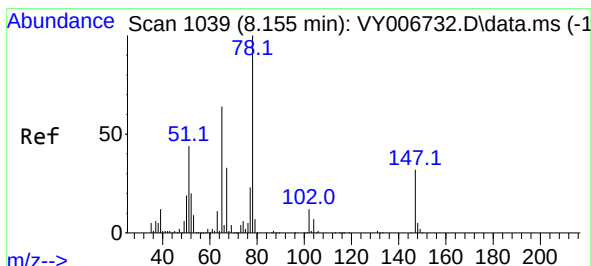
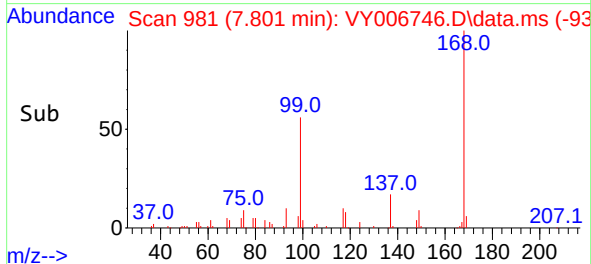
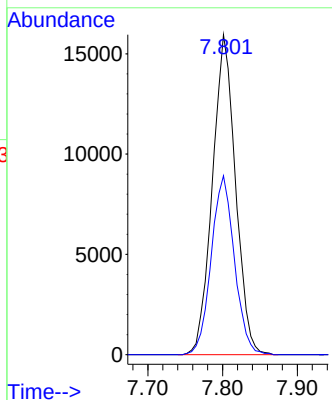
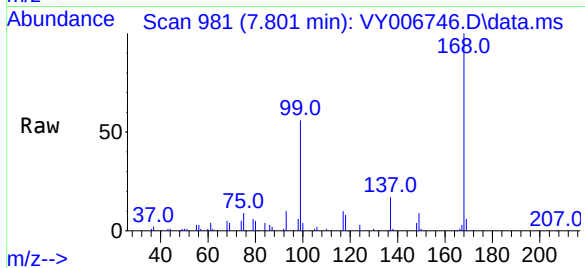




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006746.D
Acq: 15 Nov 2021 21:20

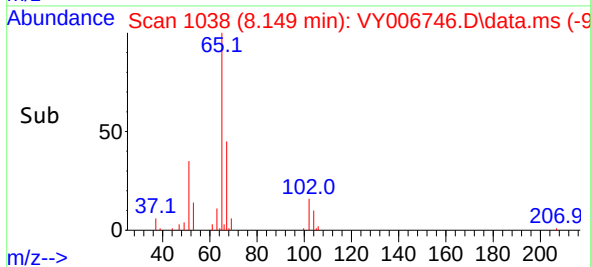
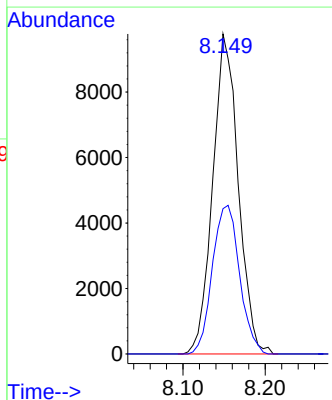
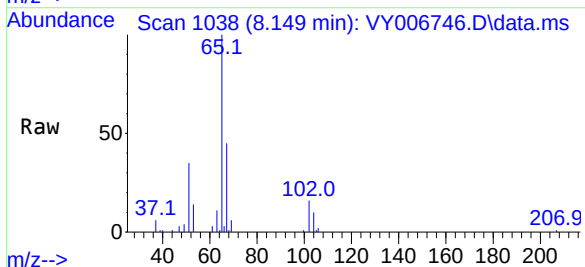
Instrument :
MSVOA_Y
ClientSampleId :
T-1A

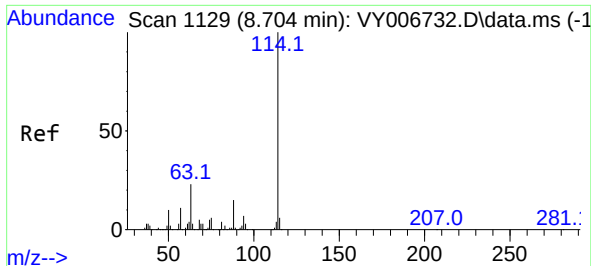
Tgt Ion:168 Resp: 34304
Ion Ratio Lower Upper
168 100
99 55.9 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 46.840 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY006746.D
Acq: 15 Nov 2021 21:20

Tgt Ion: 65 Resp: 21059
Ion Ratio Lower Upper
65 100
67 49.5 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: VY006746.D

Acq: 15 Nov 2021 21:20

Instrument :

MSVOA_Y

ClientSampleId :

T-1A

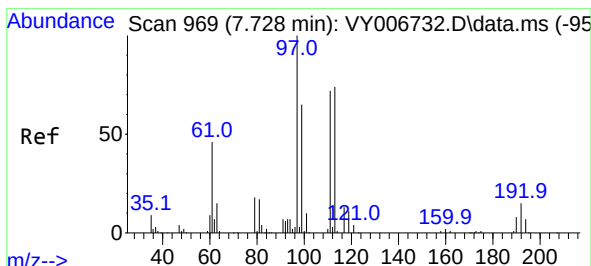
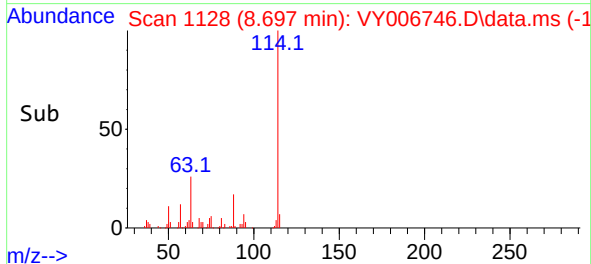
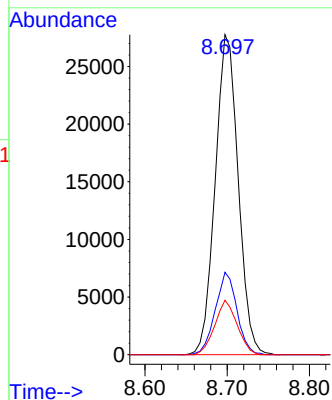
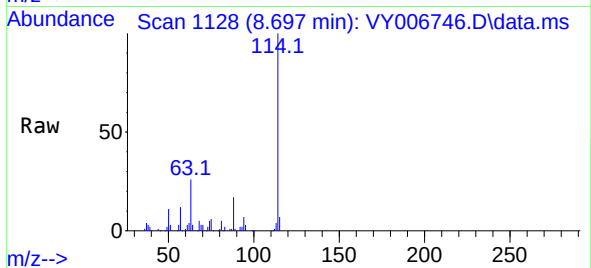
Tgt Ion:114 Resp: 53957

Ion Ratio Lower Upper

114 100

63 25.7 0.0 45.0

88 17.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.079 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY006746.D

Acq: 15 Nov 2021 21:20

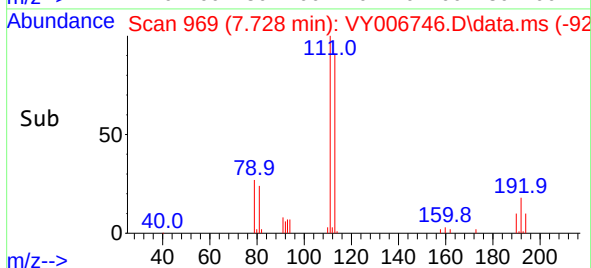
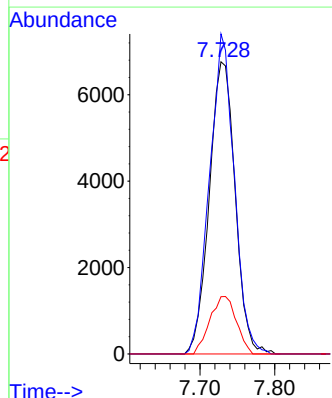
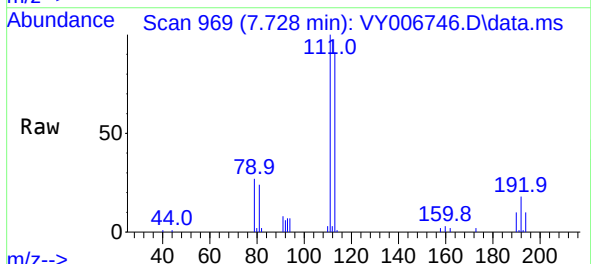
Tgt Ion:113 Resp: 16266

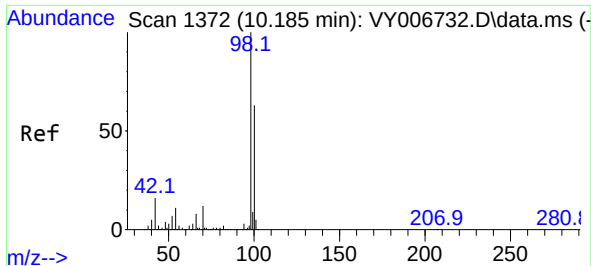
Ion Ratio Lower Upper

113 100

111 104.7 82.3 123.5

192 20.1 17.4 26.2

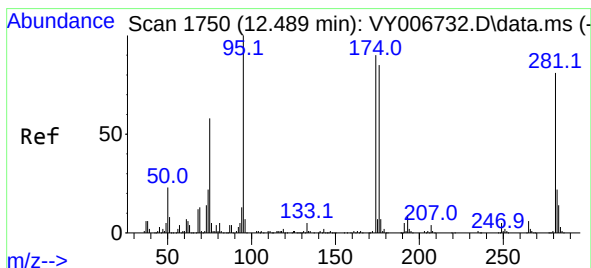
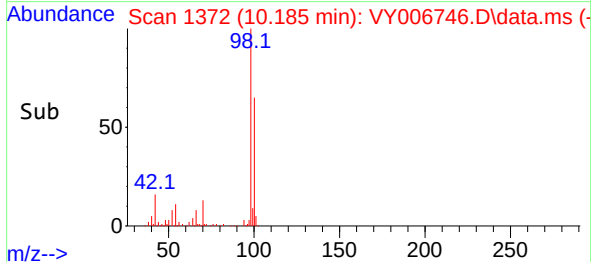
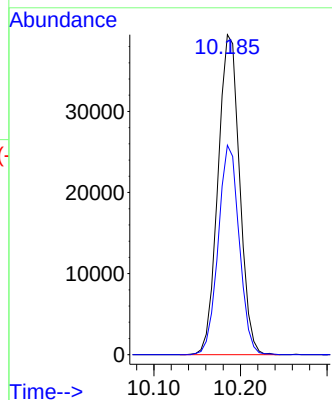
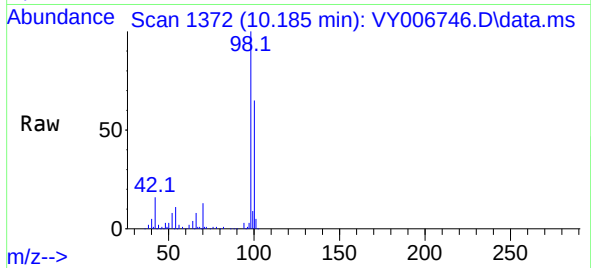




#50
Toluene-d8
Concen: 49.875 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006746.D
Acq: 15 Nov 2021 21:20

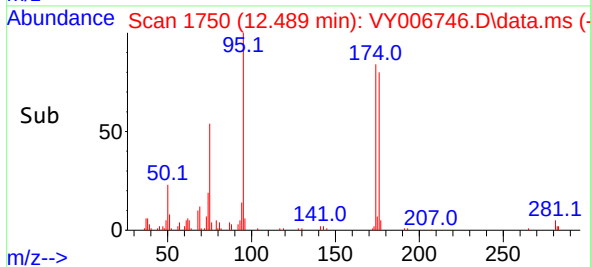
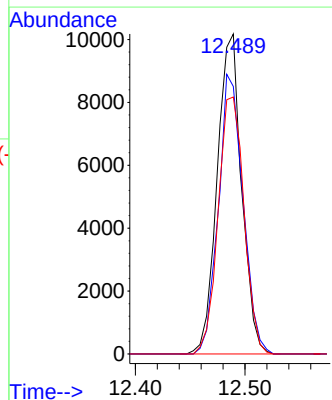
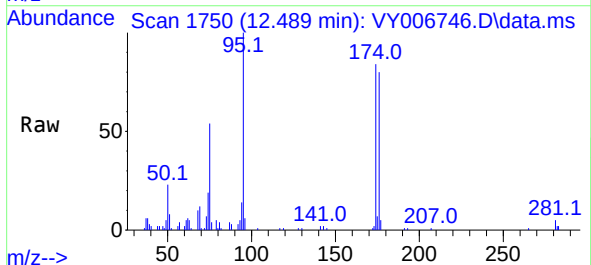
Instrument :
MSVOA_Y
ClientSampleId :
T-1A

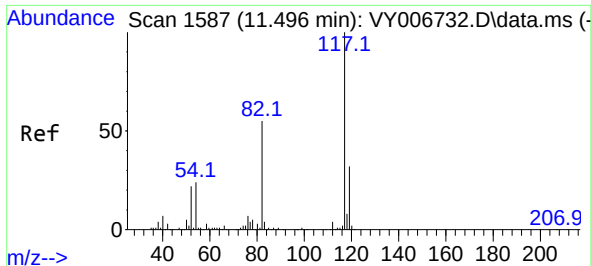
Tgt Ion: 98 Resp: 68402
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 34.078 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY006746.D
Acq: 15 Nov 2021 21:20

Tgt Ion: 95 Resp: 15756
Ion Ratio Lower Upper
95 100
174 88.1 0.0 177.0
176 84.8 0.0 169.4

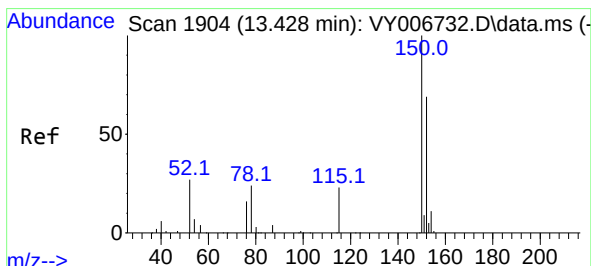
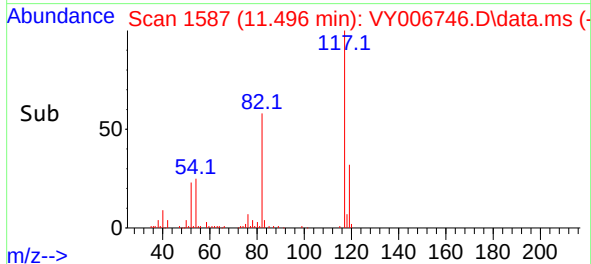
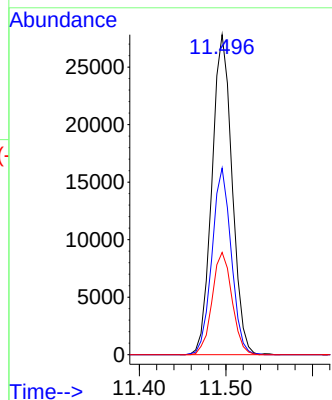
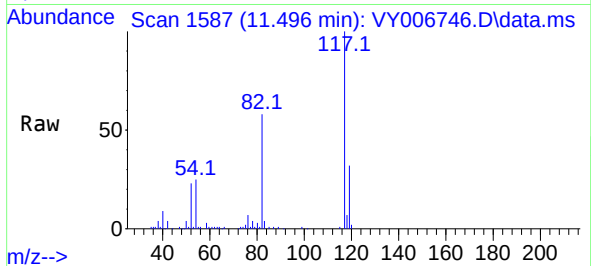




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006746.D
Acq: 15 Nov 2021 21:20

Instrument :
MSVOA_Y
ClientSampleId :
T-1A

Tgt Ion:	117	Resp:	44945
Ion Ratio	Lower	Upper	
117	100		
82	58.3	45.7	68.5
119	31.9	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: VY006746.D
Acq: 15 Nov 2021 21:20

Tgt Ion:	152	Resp:	14673
Ion Ratio	Lower	Upper	
152	100		
115	55.3	28.5	85.5
150	157.4	0.0	348.2

