

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111521\
 Data File : VY006740.D
 Acq On : 15 Nov 2021 18:58
 Operator : SY/MD
 Sample : M4681-03
 Misc : 6.12G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-3

Quant Time: Nov 16 04:22:49 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	103901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	175547	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	162466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	67957	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	78785	57.856	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.720%
35) Dibromofluoromethane	7.728	113	55791	51.741	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.480%
50) Toluene-d8	10.185	98	226581	50.780	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.560%
62) 4-Bromofluorobenzene	12.483	95	69801	46.402	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.800%

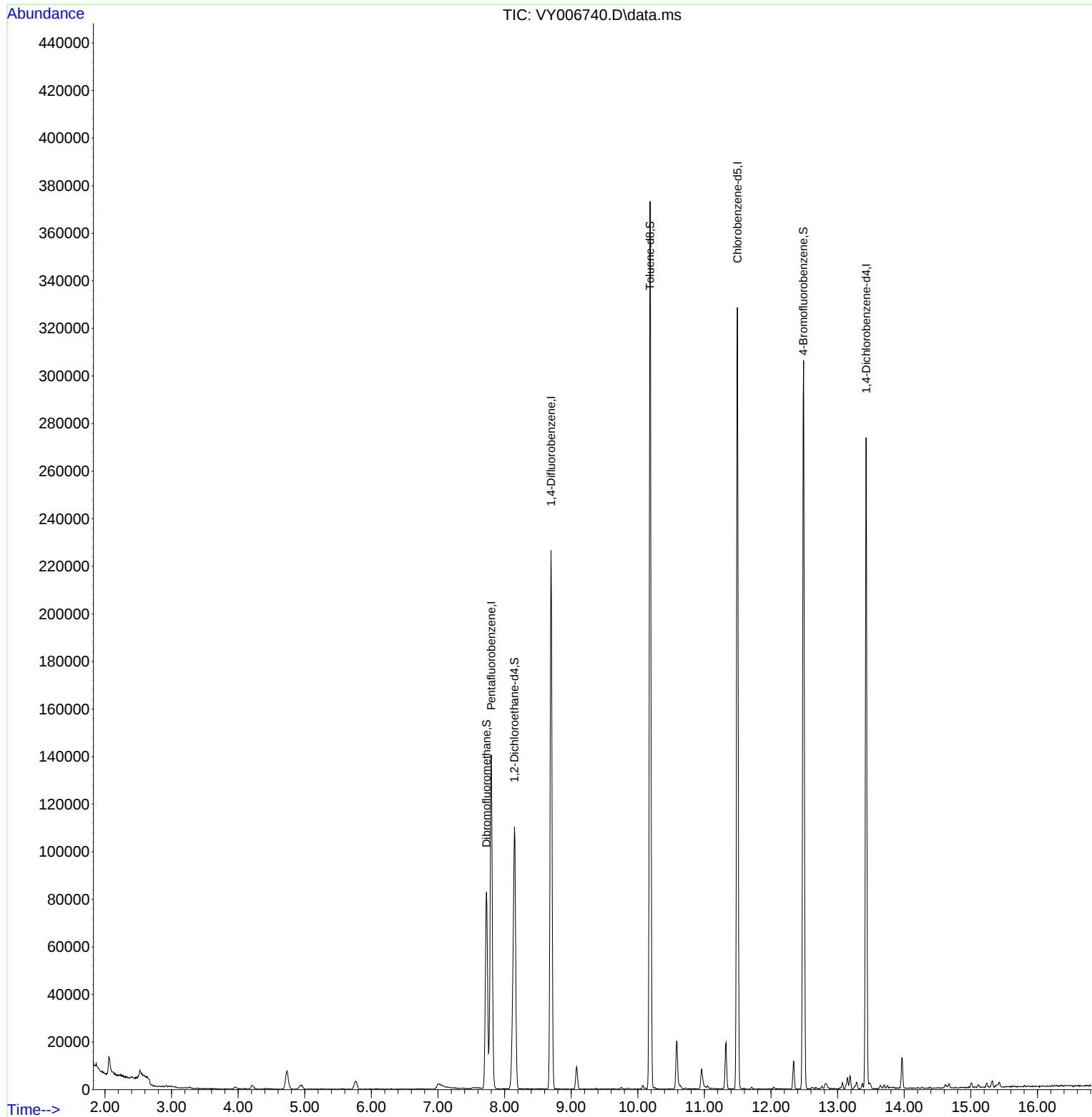
Target Compounds	Qvalue

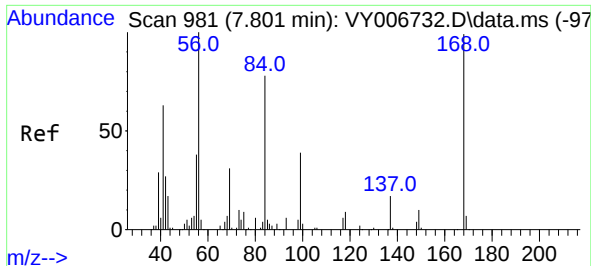
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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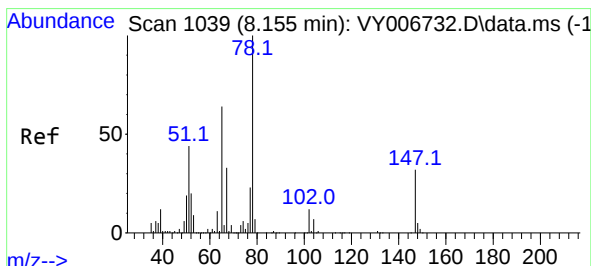
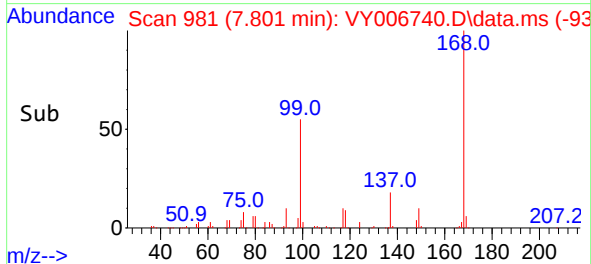
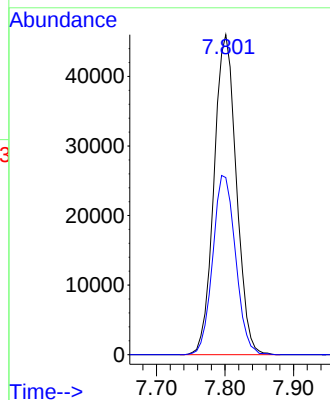
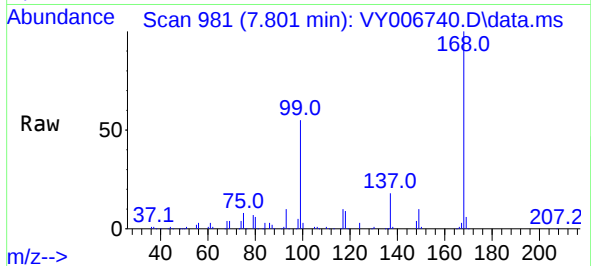




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006740.D
Acq: 15 Nov 2021 18:58

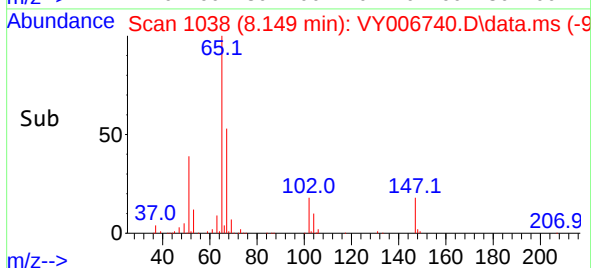
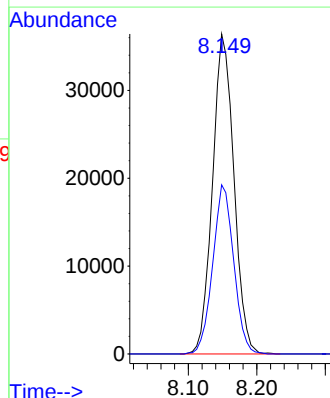
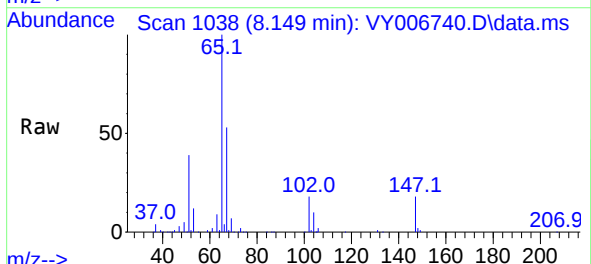
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

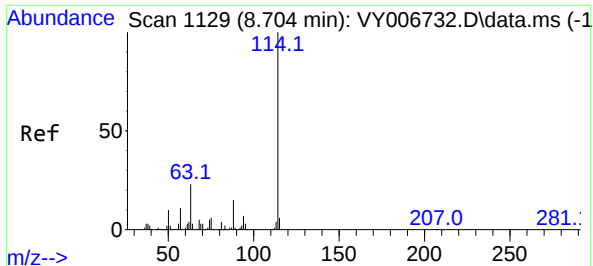
Tgt Ion:168 Resp: 103901
Ion Ratio Lower Upper
168 100
99 55.3 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 57.856 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY006740.D
Acq: 15 Nov 2021 18:58

Tgt Ion: 65 Resp: 78785
Ion Ratio Lower Upper
65 100
67 51.9 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: VY006740.D

Acq: 15 Nov 2021 18:58

Instrument :

MSVOA_Y

ClientSampleId :

COMP-3

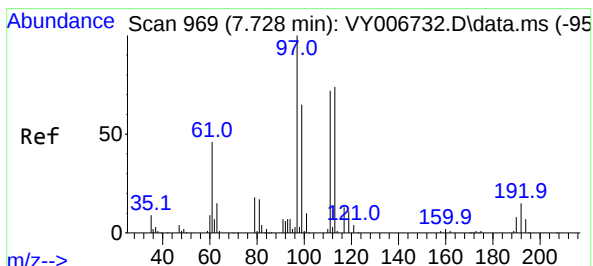
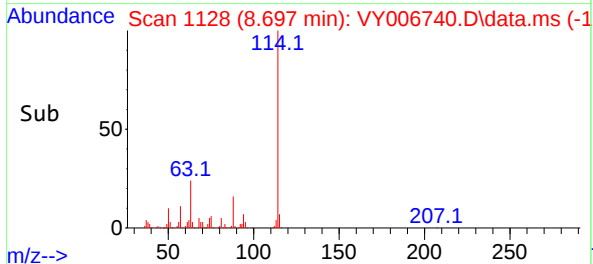
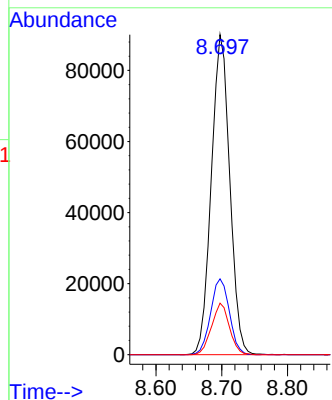
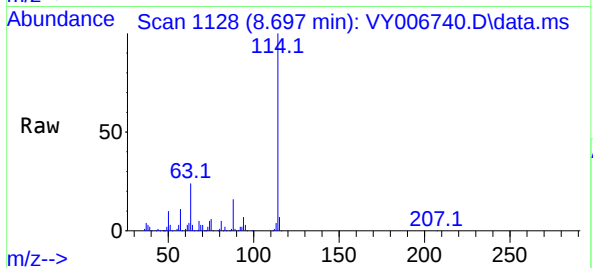
Tgt Ion:114 Resp: 175547

Ion Ratio Lower Upper

114 100

63 23.7 0.0 45.0

88 16.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.741 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY006740.D

Acq: 15 Nov 2021 18:58

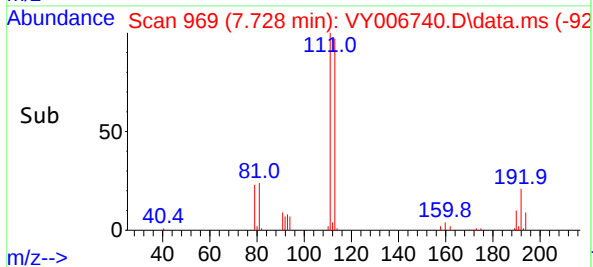
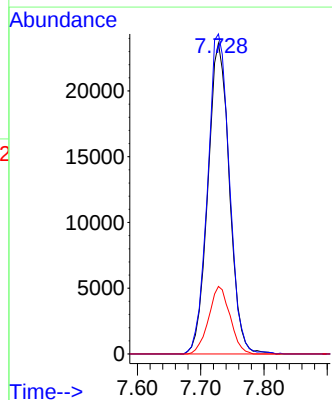
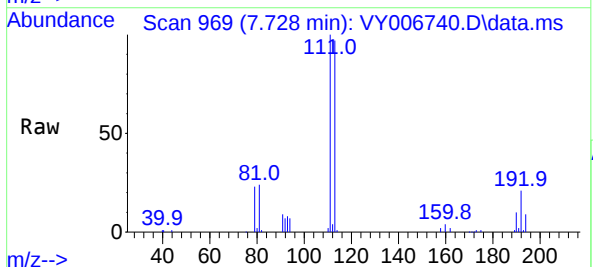
Tgt Ion:113 Resp: 55791

Ion Ratio Lower Upper

113 100

111 104.3 82.3 123.5

192 21.6 17.4 26.2

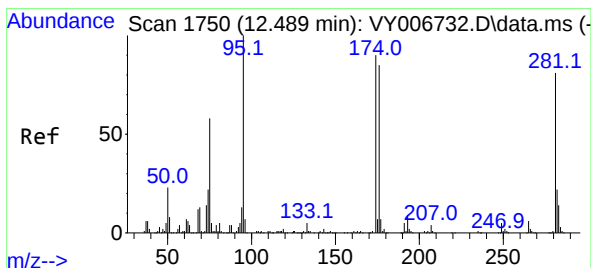
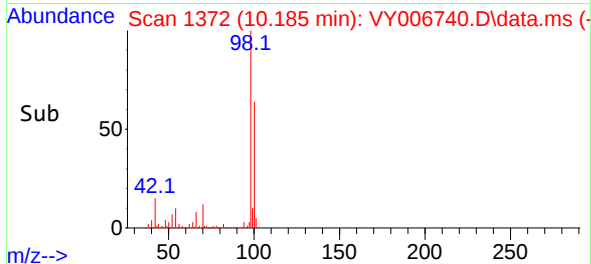
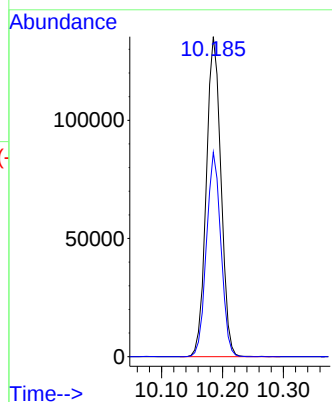
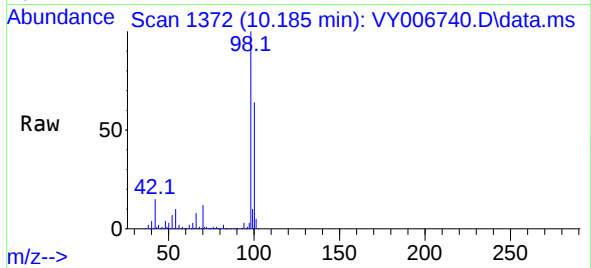




#50
Toluene-d8
Concen: 50.780 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006740.D
Acq: 15 Nov 2021 18:58

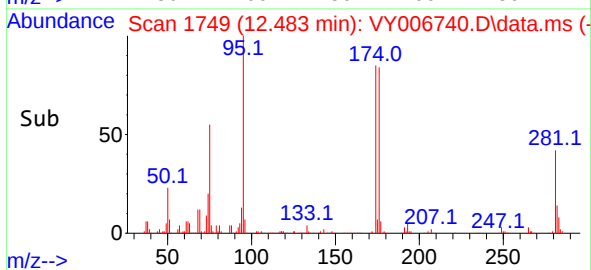
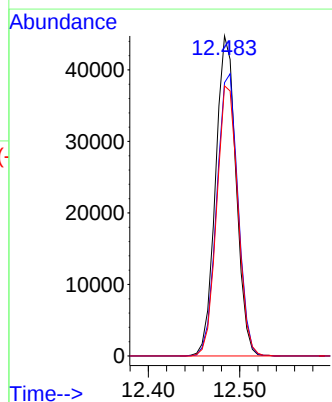
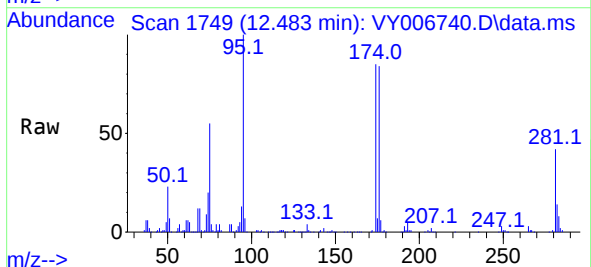
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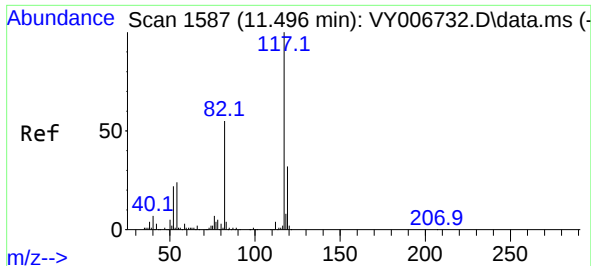
Tgt Ion: 98 Resp: 226581
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 46.402 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006740.D
Acq: 15 Nov 2021 18:58

Tgt Ion: 95 Resp: 69801
Ion Ratio Lower Upper
95 100
174 91.1 0.0 177.0
176 87.1 0.0 169.4

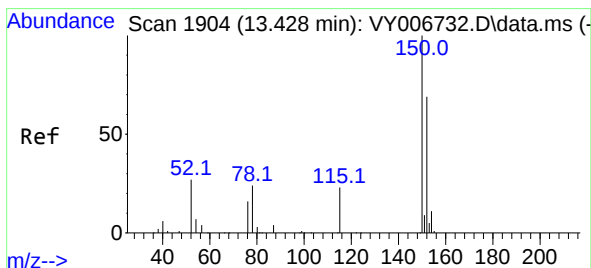
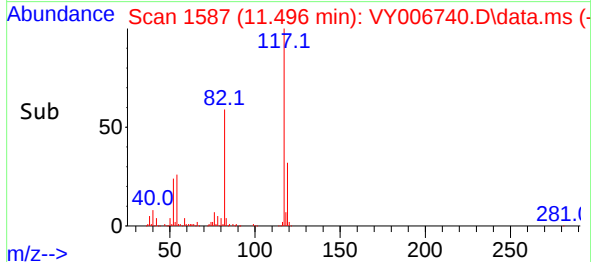
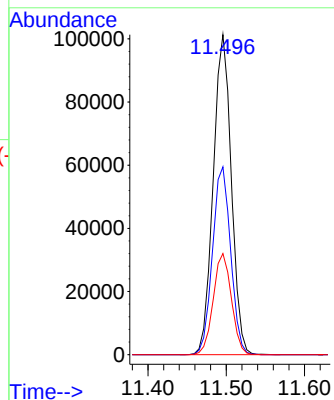
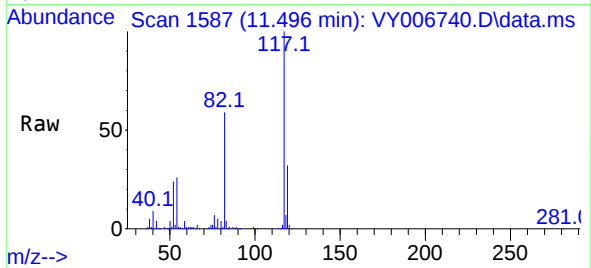




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006740.D
Acq: 15 Nov 2021 18:58

Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

Tgt Ion:117 Resp: 162466
Ion Ratio Lower Upper
117 100
82 58.7 45.7 68.5
119 31.6 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: VY006740.D
Acq: 15 Nov 2021 18:58

Tgt Ion:152 Resp: 67957
Ion Ratio Lower Upper
152 100
115 56.1 28.5 85.5
150 158.7 0.0 348.2

