

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111621\
 Data File : VY006773.D
 Acq On : 16 Nov 2021 19:46
 Operator : SY/MD
 Sample : M4680-02
 Misc : 5.73G/5ML/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Quant Time: Nov 17 04:09:38 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	87054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	150060	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	138699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	54749	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	69217	60.666	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.340%
35) Dibromofluoromethane	7.728	113	47657	51.704	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.400%
50) Toluene-d8	10.185	98	193556	50.746	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.500%
62) 4-Bromofluorobenzene	12.483	95	57760	44.919	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.840%

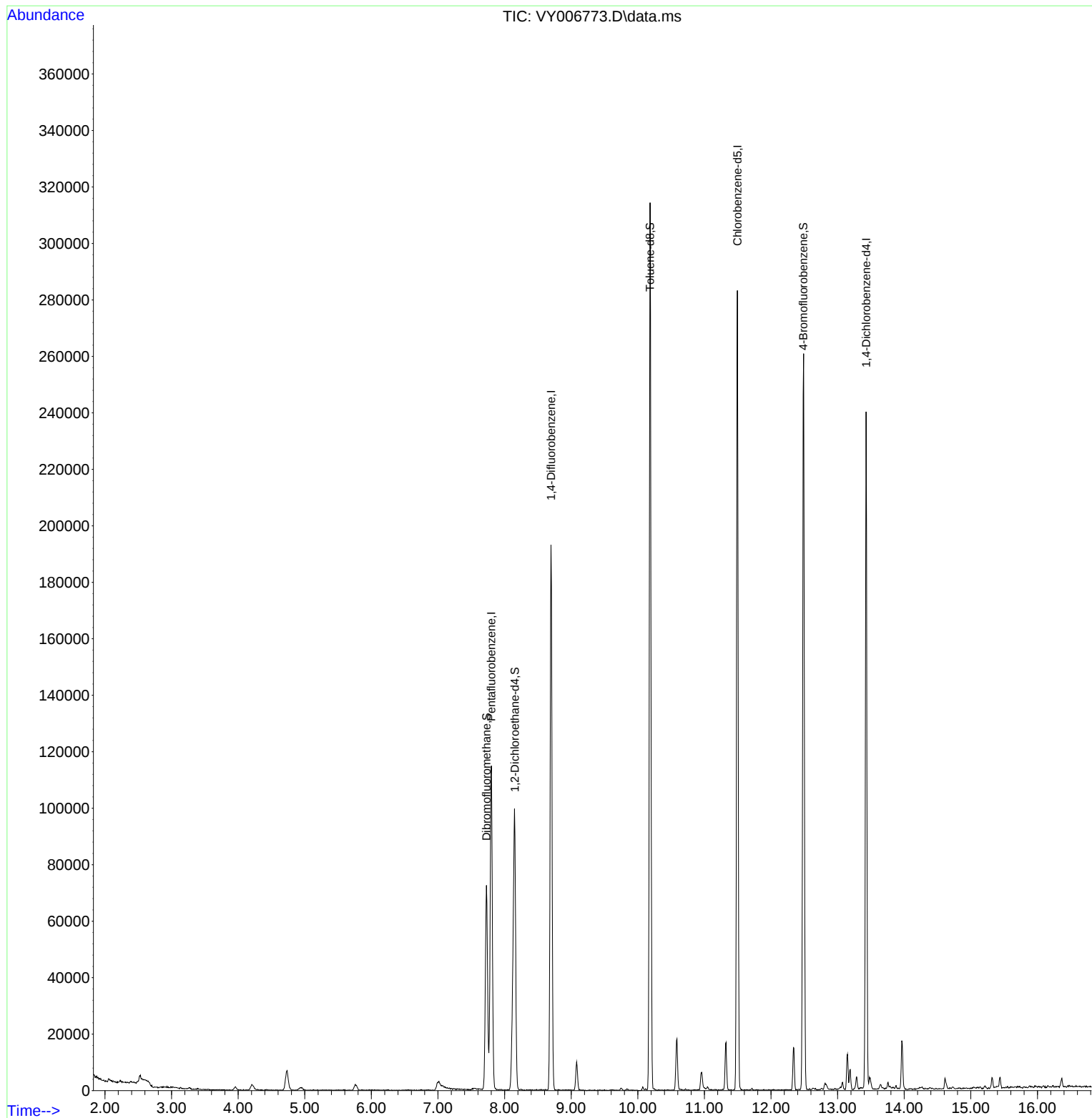
Target Compounds	Qvalue

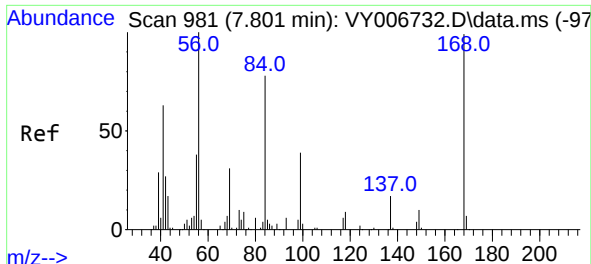
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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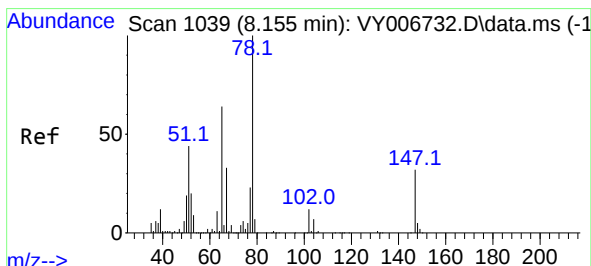
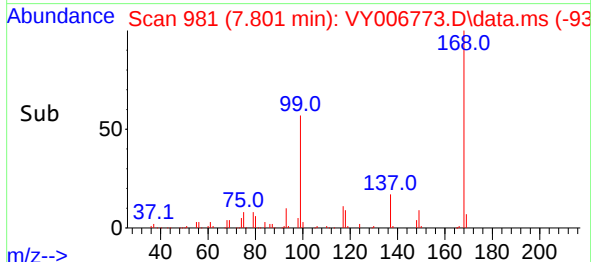
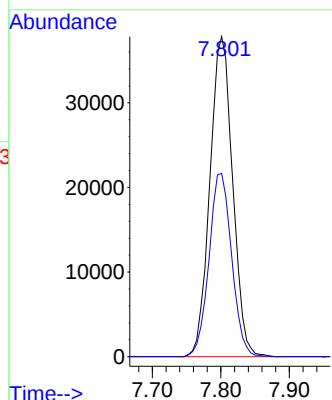
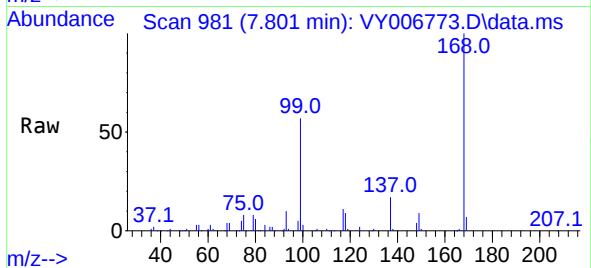




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006773.D
Acq: 16 Nov 2021 19:46

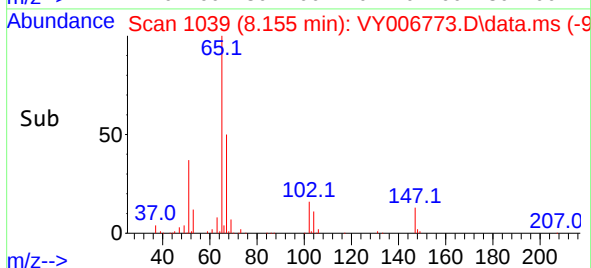
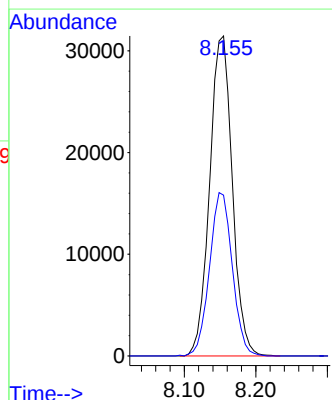
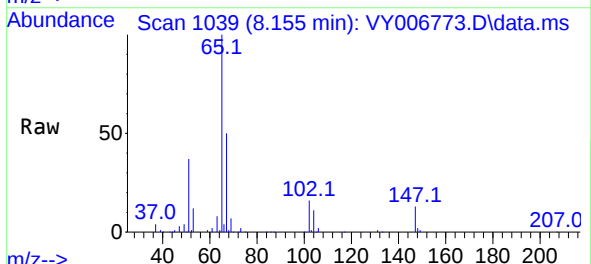
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

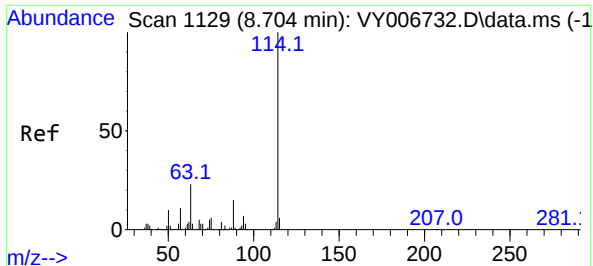
Tgt Ion:168 Resp: 87054
Ion Ratio Lower Upper
168 100
99 57.3 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 60.666 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY006773.D
Acq: 16 Nov 2021 19:46

Tgt Ion: 65 Resp: 69217
Ion Ratio Lower Upper
65 100
67 51.4 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: VY006773.D

Acq: 16 Nov 2021 19:46

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2

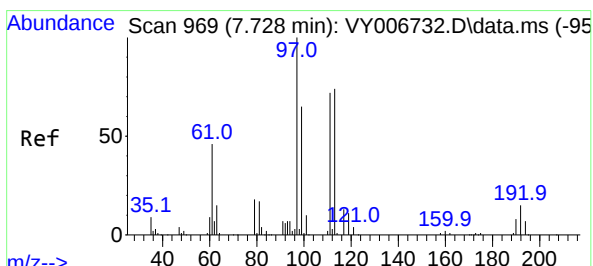
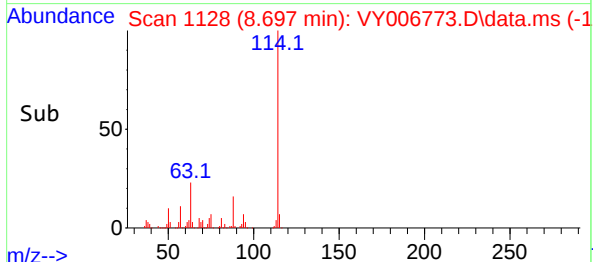
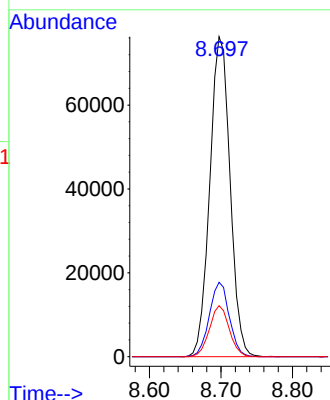
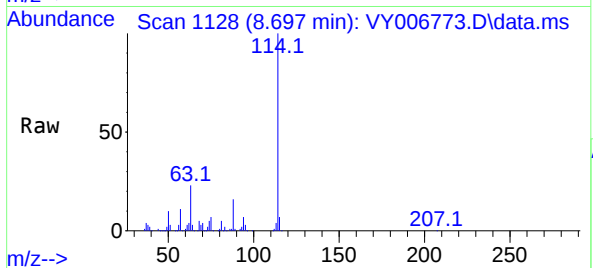
Tgt Ion:114 Resp: 150060

Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.0

88 16.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.704 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY006773.D

Acq: 16 Nov 2021 19:46

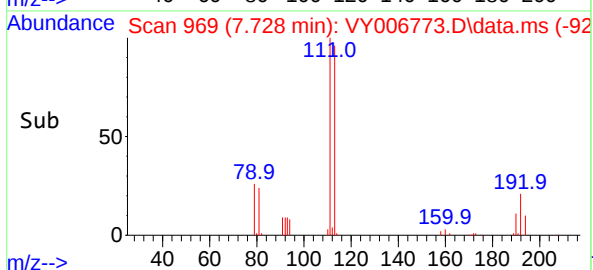
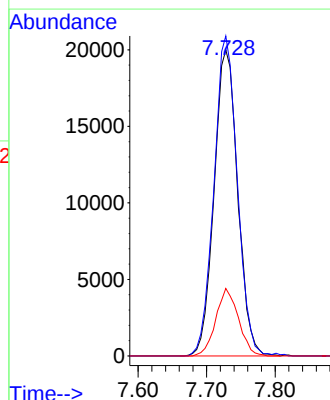
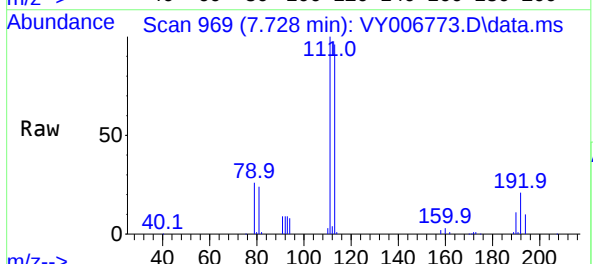
Tgt Ion:113 Resp: 47657

Ion Ratio Lower Upper

113 100

111 103.6 82.3 123.5

192 21.2 17.4 26.2

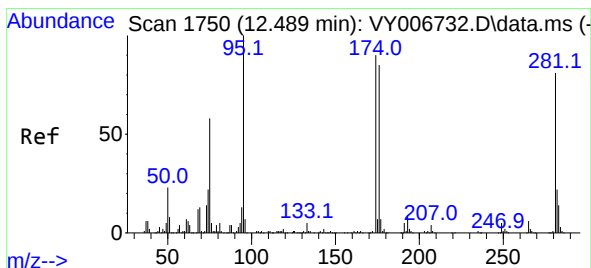
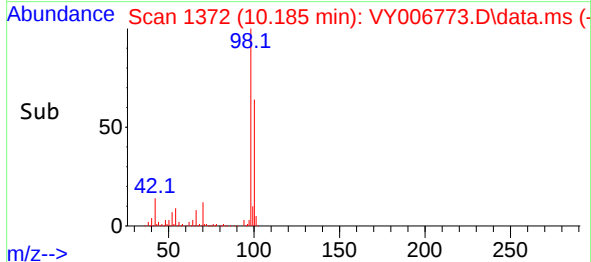
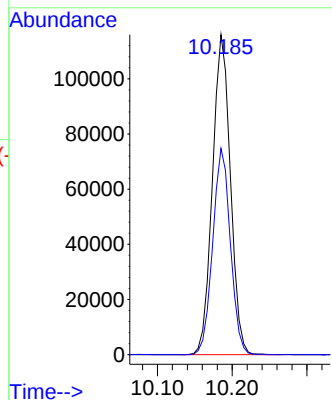
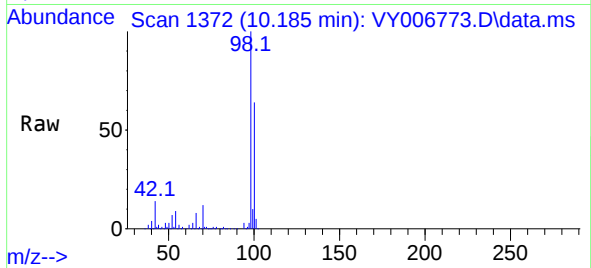




#50
Toluene-d8
Concen: 50.746 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006773.D
Acq: 16 Nov 2021 19:46

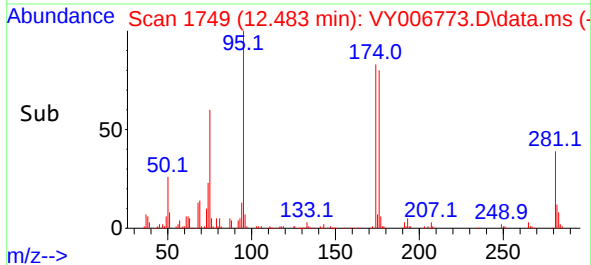
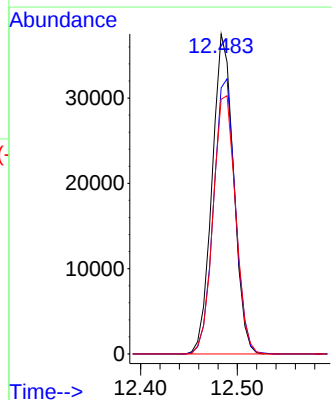
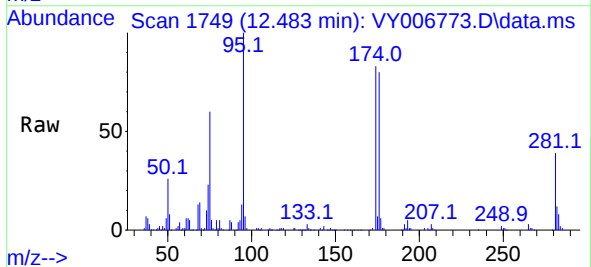
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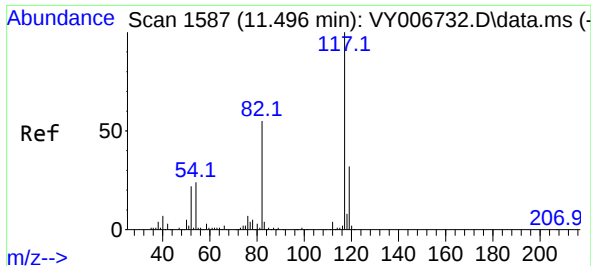
Tgt Ion: 98 Resp: 193556
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 44.919 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006773.D
Acq: 16 Nov 2021 19:46

Tgt Ion: 95 Resp: 57760
Ion Ratio Lower Upper
95 100
174 87.0 0.0 177.0
176 84.5 0.0 169.4

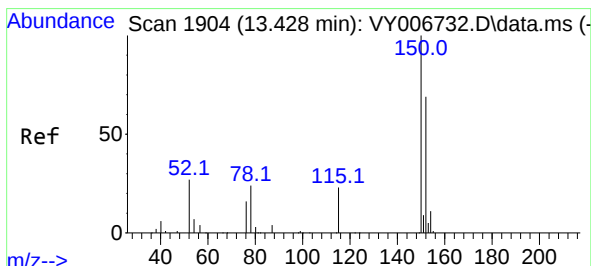
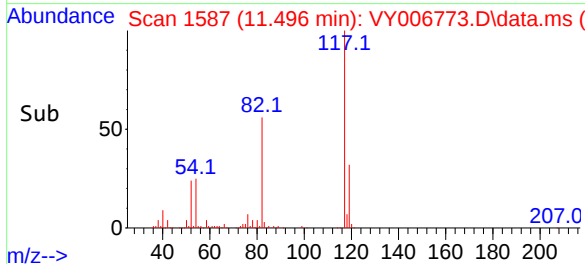
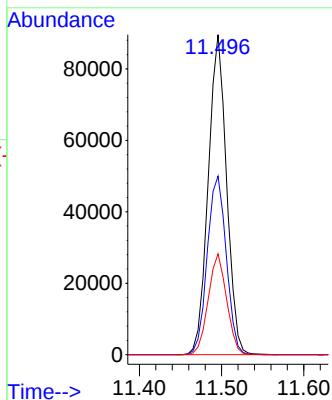
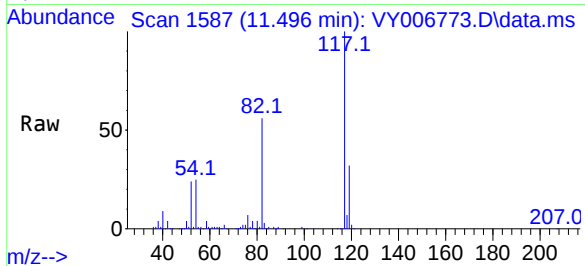




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006773.D
Acq: 16 Nov 2021 19:46

Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

Tgt Ion:117 Resp: 138699
Ion Ratio Lower Upper
117 100
82 55.8 45.7 68.5
119 31.5 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: VY006773.D
Acq: 16 Nov 2021 19:46

Tgt Ion:152 Resp: 54749
Ion Ratio Lower Upper
152 100
115 57.0 28.5 85.5
150 157.4 0.0 348.2

