

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111621\
 Data File : VY006760.D
 Acq On : 16 Nov 2021 14:39
 Operator : SY/MD
 Sample : M4685-01
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-111221

Quant Time: Nov 17 04:07:25 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	749	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	1576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	1720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	204	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	1157	117.862	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	235.720%#
35) Dibromofluoromethane	7.722	113	413	42.663	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.320%
50) Toluene-d8	10.185	98	1992	49.727	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.460%
62) 4-Bromofluorobenzene	12.483	95	465	34.432	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	68.860%

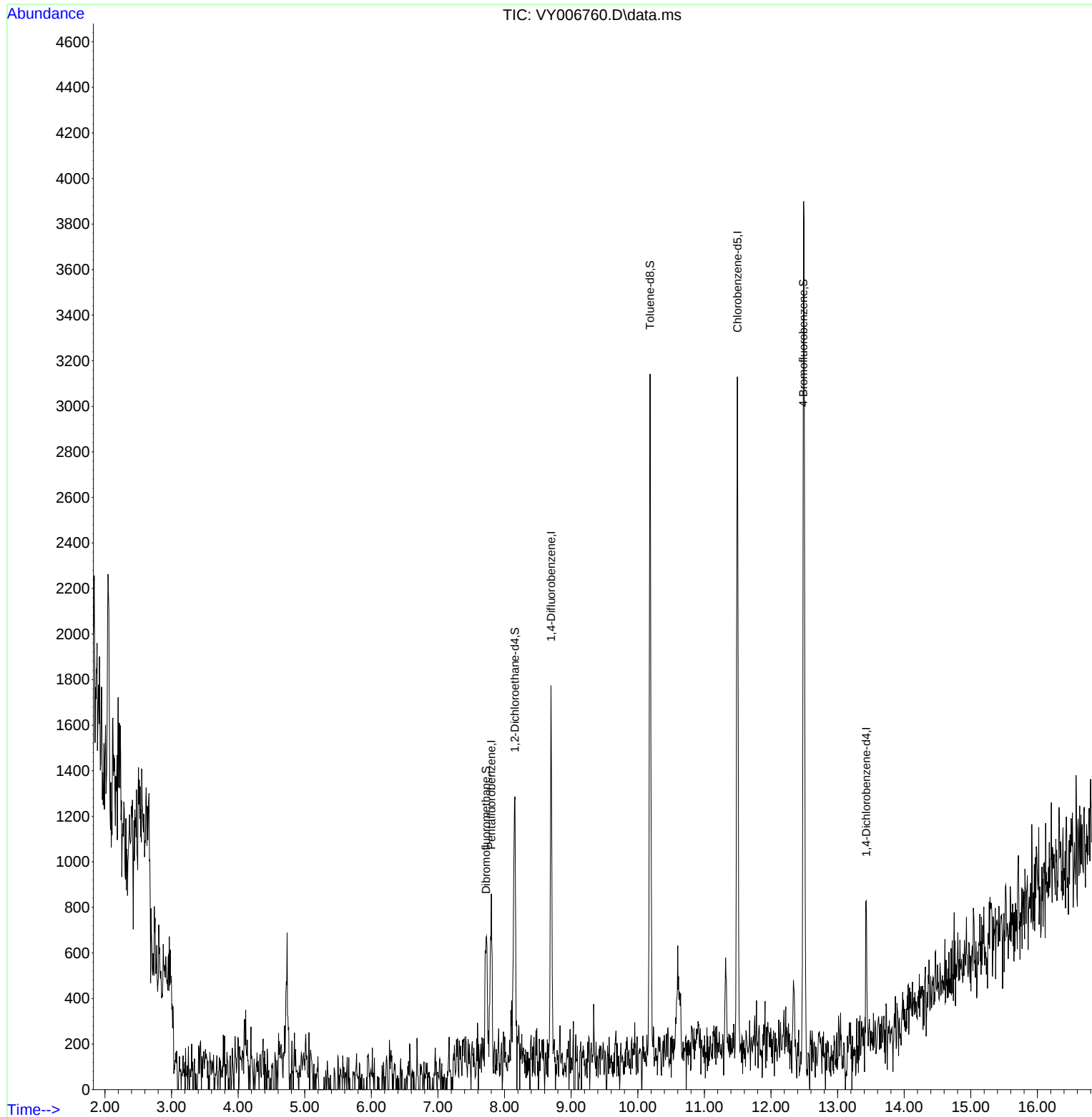
Target Compounds	Qvalue

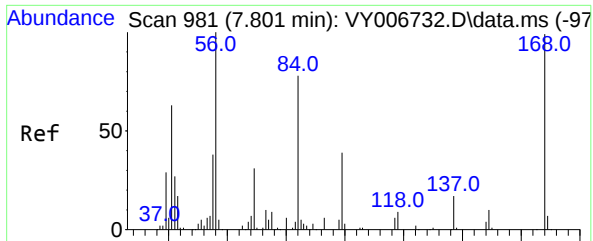
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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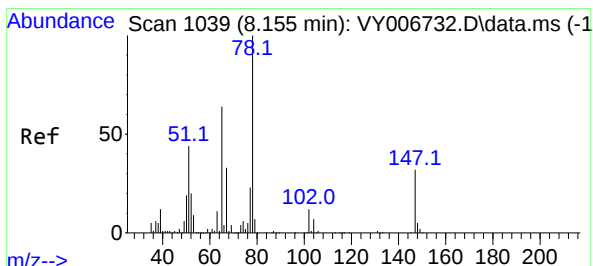
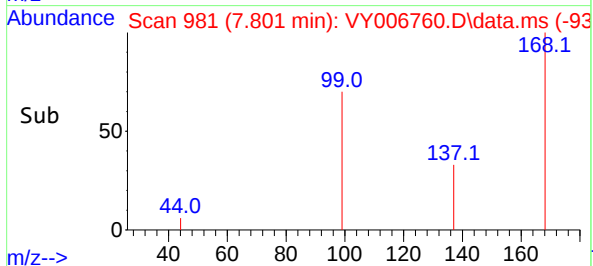
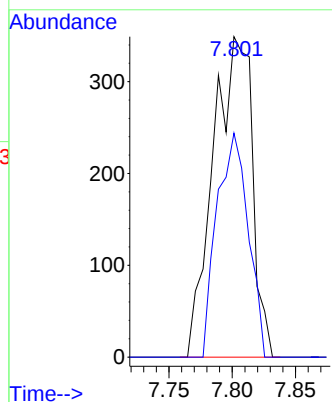
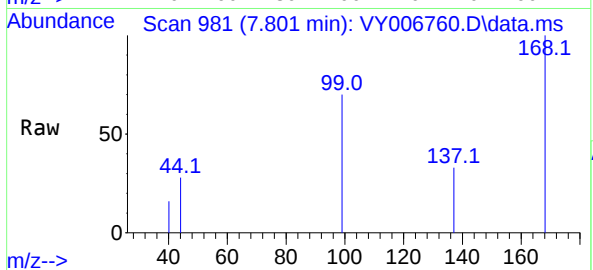




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006760.D
Acq: 16 Nov 2021 14:39

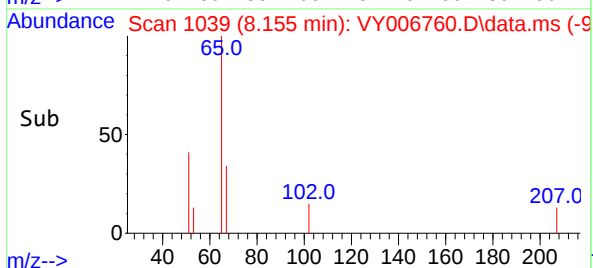
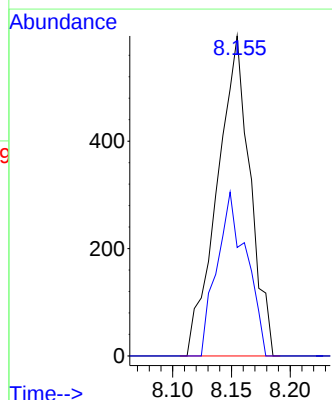
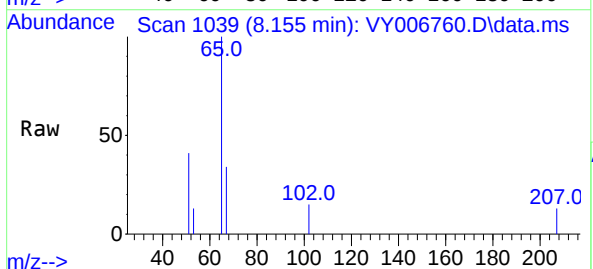
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-111221

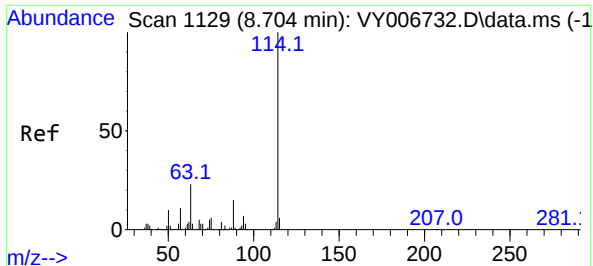
Tgt Ion:168 Resp: 749
Ion Ratio Lower Upper
168 100
99 69.9 44.8 67.2#



#33
1,2-Dichloroethane-d4
Concen: 117.862 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY006760.D
Acq: 16 Nov 2021 14:39

Tgt Ion: 65 Resp: 1157
Ion Ratio Lower Upper
65 100
67 45.9 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: VY006760.D

Acq: 16 Nov 2021 14:39

Instrument :

MSVOA_Y

ClientSampleId :

OK-01-111221

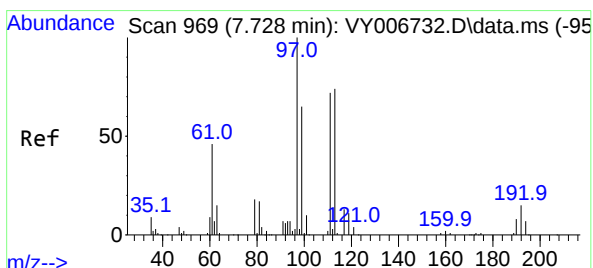
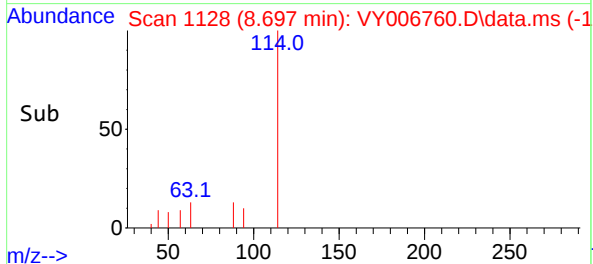
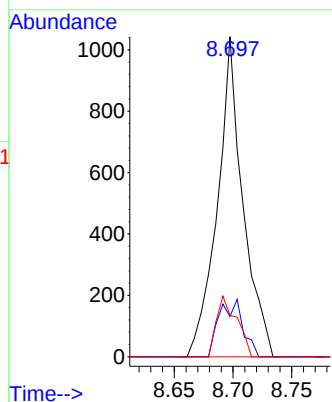
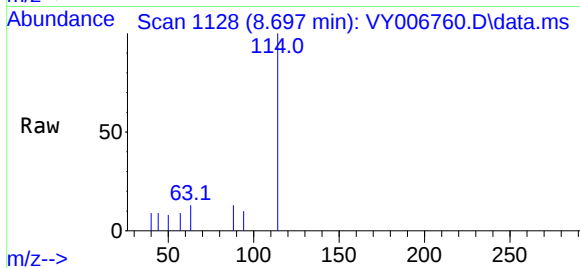
Tgt Ion:114 Resp: 1576

Ion Ratio Lower Upper

114 100

63 12.6 0.0 45.0

88 12.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 42.663 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY006760.D

Acq: 16 Nov 2021 14:39

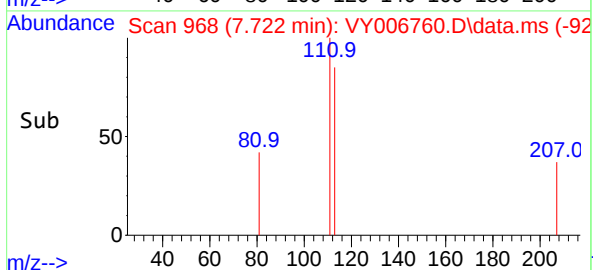
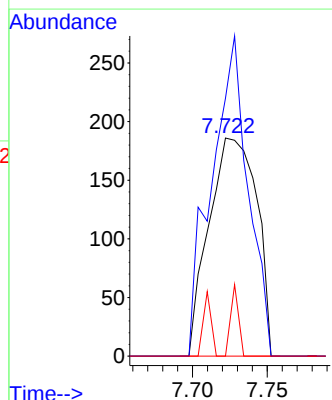
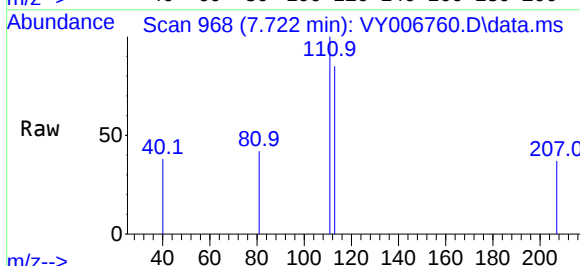
Tgt Ion:113 Resp: 413

Ion Ratio Lower Upper

113 100

111 112.6 82.3 123.5

192 5.3 17.4 26.2#

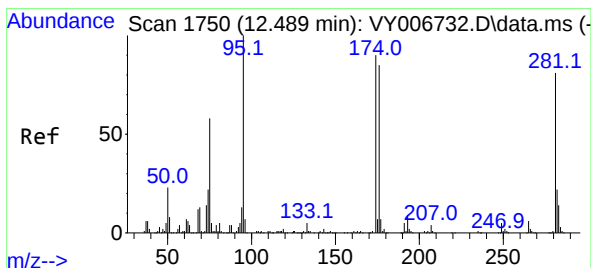
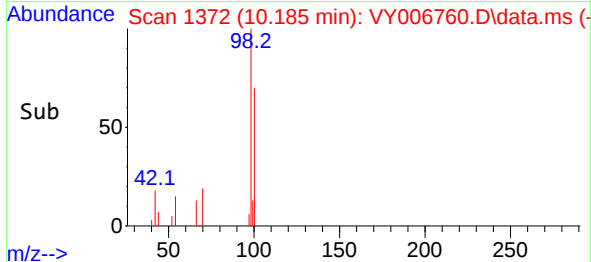
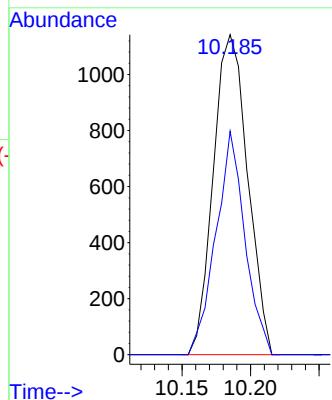
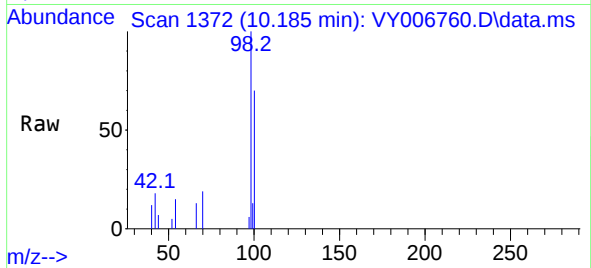




#50
Toluene-d8
Concen: 49.727 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006760.D
Acq: 16 Nov 2021 14:39

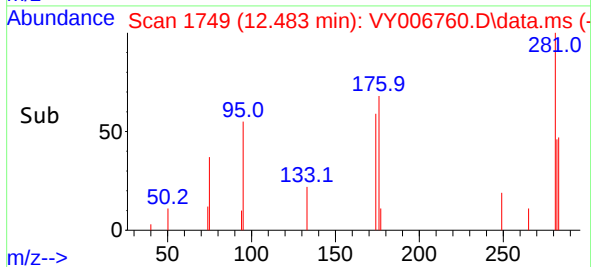
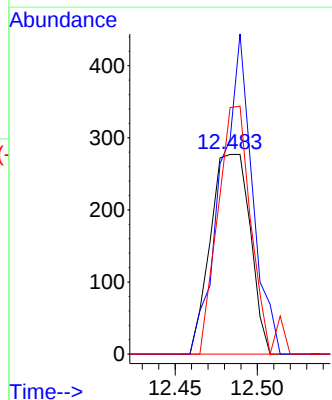
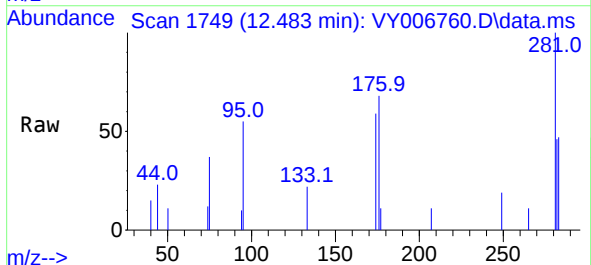
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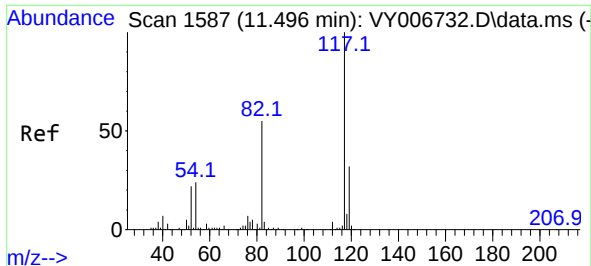
Tgt Ion: 98 Resp: 1992
Ion Ratio Lower Upper
98 100
100 59.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 34.432 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006760.D
Acq: 16 Nov 2021 14:39

Tgt Ion: 95 Resp: 465
Ion Ratio Lower Upper
95 100
174 125.8 0.0 177.0
176 105.4 0.0 169.4

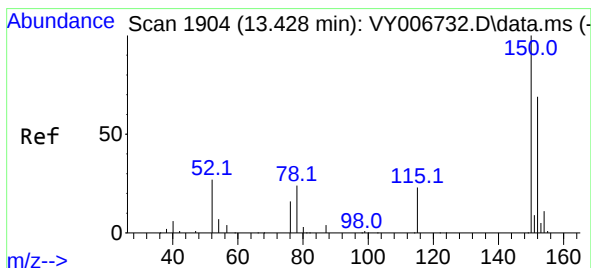
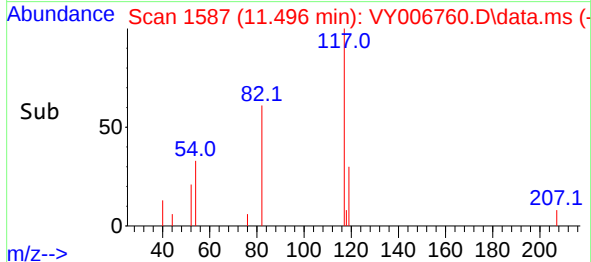
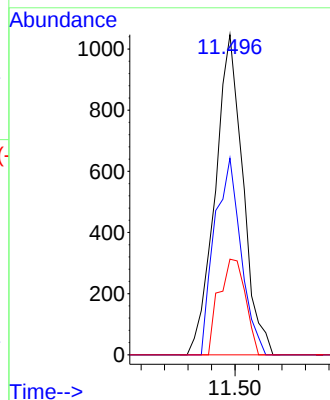
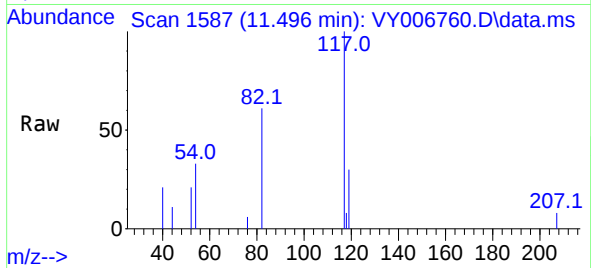




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006760.D
Acq: 16 Nov 2021 14:39

Instrument :
MSVOA_Y
ClientSampleId :
OK-01-111221

Tgt Ion:	117	Resp:	1720
Ion	Ratio	Lower	Upper
117	100		
82	61.4	45.7	68.5
119	29.9	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: VY006760.D
Acq: 16 Nov 2021 14:39

Tgt Ion:	152	Resp:	204
Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.5	85.5
150	183.8	0.0	348.2

