

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
 Data File : VY008706.D
 Acq On : 11 May 2022 14:53
 Operator : KP/MD
 Sample : N2762-05RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB15RE

Quant Time: May 12 06:28:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	4636	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	8634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	8499	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3109	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	3357	84.509	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	169.020%#
35) Dibromofluoromethane	7.716	113	3245	60.989	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	121.980%
50) Toluene-d8	10.179	98	10034	53.516	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.040%
62) 4-Bromofluorobenzene	12.483	95	3268	48.447	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.900%

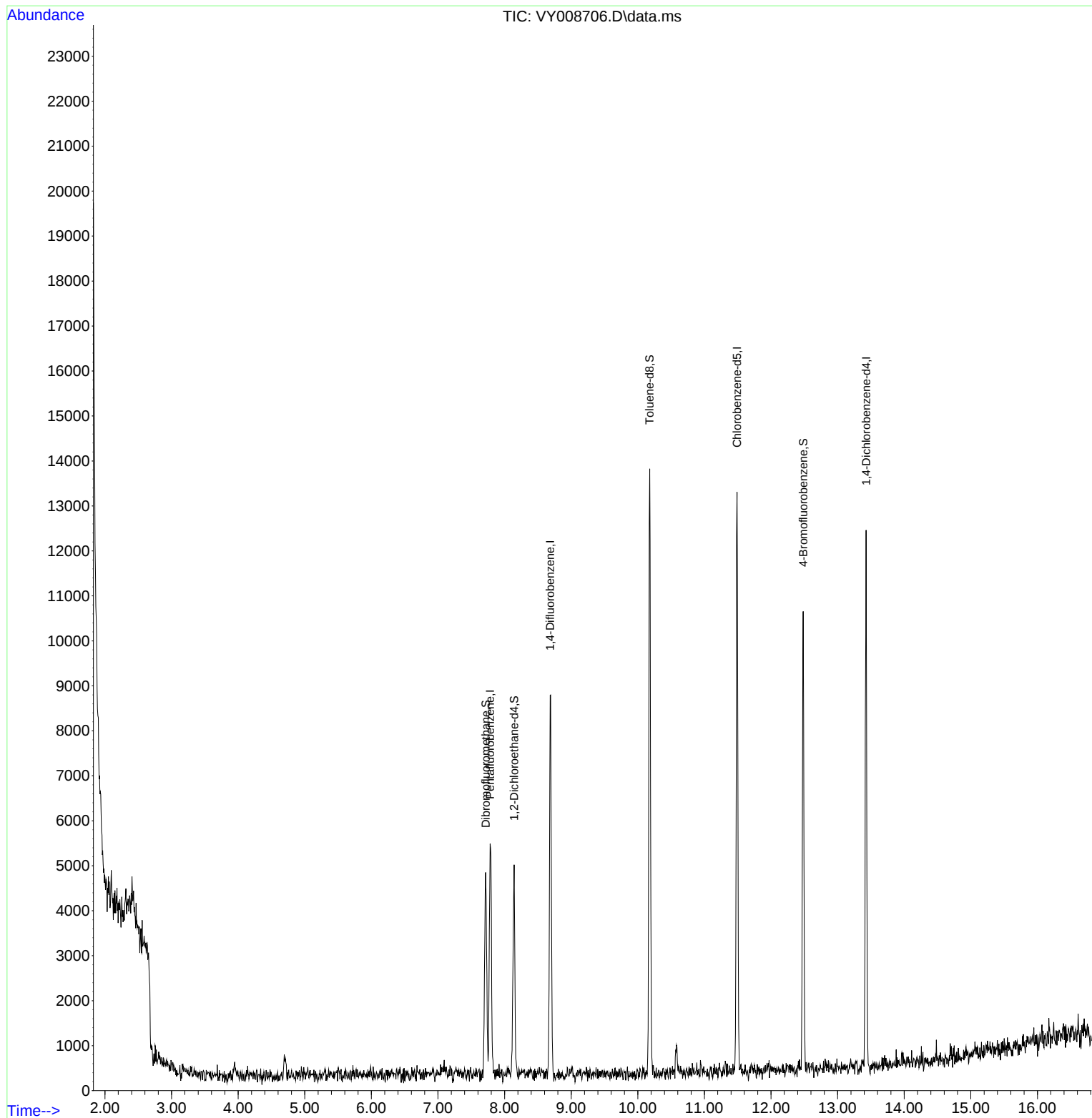
Target Compounds	Qvalue

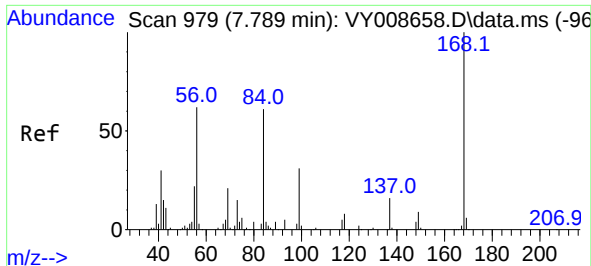
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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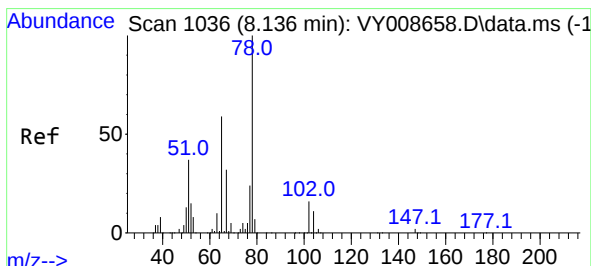
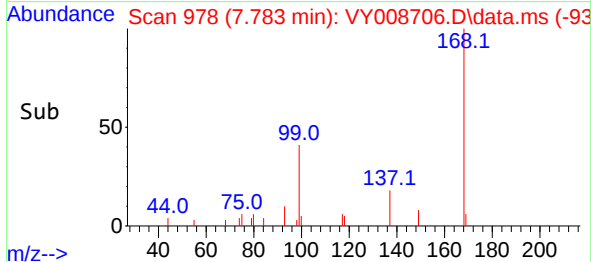
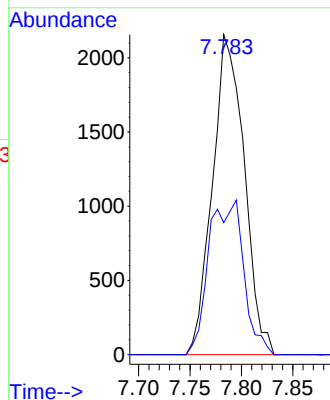
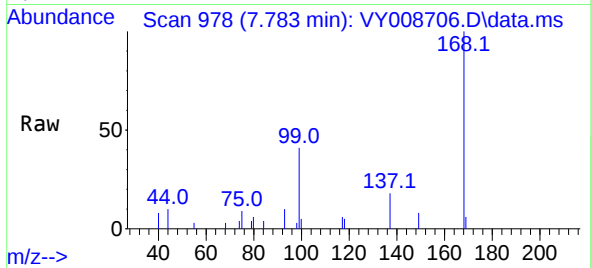




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008706.D
Acq: 11 May 2022 14:53

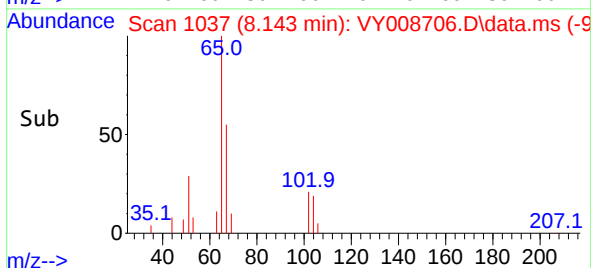
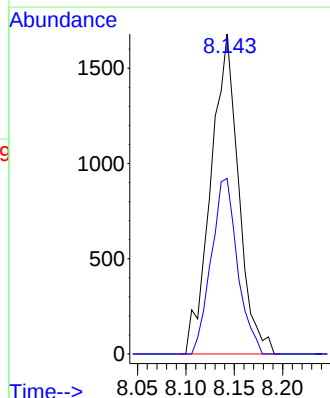
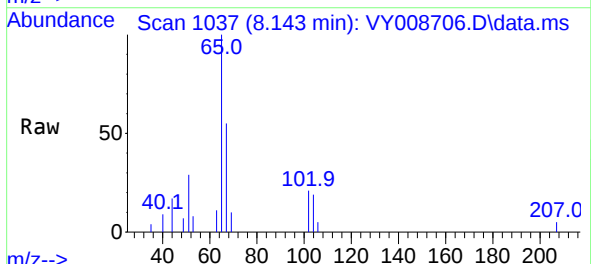
Instrument :
MSVOA_Y
ClientSampleId :
SB15RE

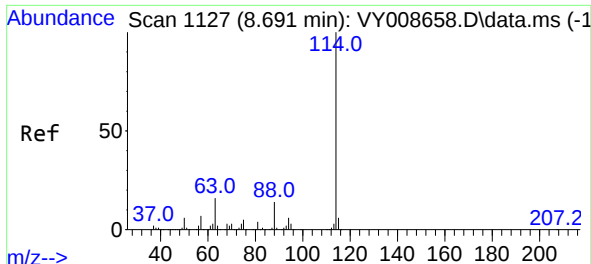
Tgt Ion:168 Resp: 4636
Ion Ratio Lower Upper
168 100
99 41.2 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 84.509 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008706.D
Acq: 11 May 2022 14:53

Tgt Ion: 65 Resp: 3357
Ion Ratio Lower Upper
65 100
67 51.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY008706.D

Acq: 11 May 2022 14:53

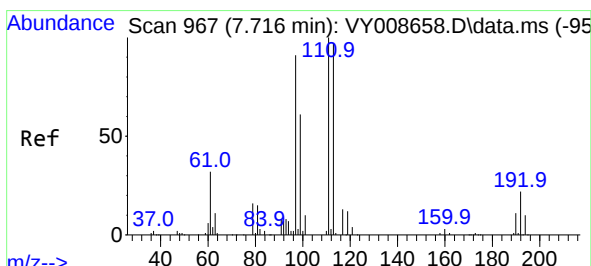
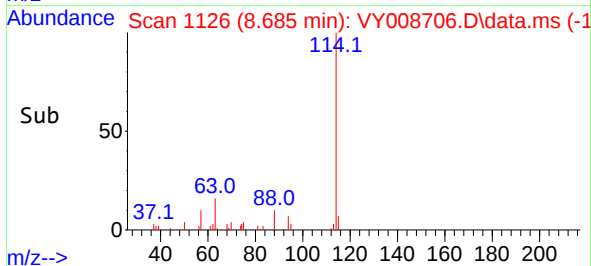
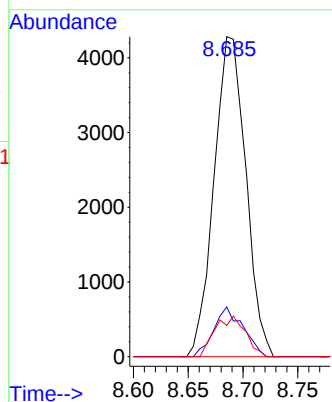
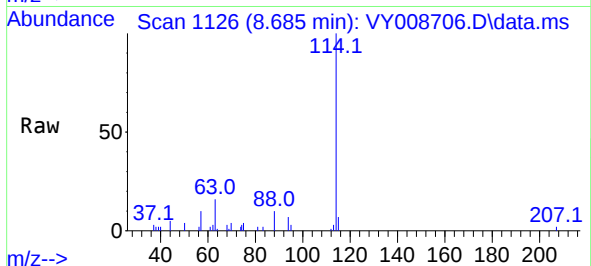
Instrument :

MSVOA_Y

ClientSampleId :

SB15RE

Tgt Ion:114	Resp:	8634
Ion	Ratio	Lower Upper
114	100	
63	15.5	0.0 43.2
88	9.8	0.0 31.8



#35

Dibromofluoromethane

Concen: 60.989 ug/l

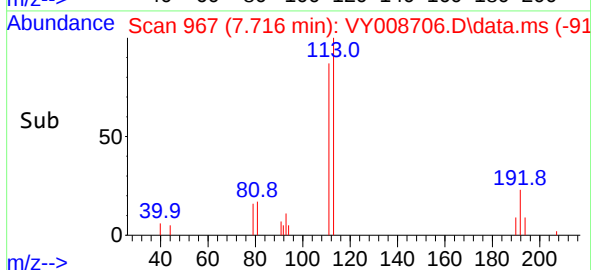
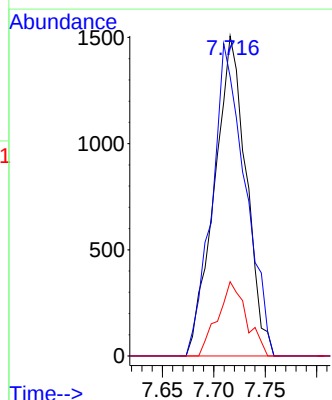
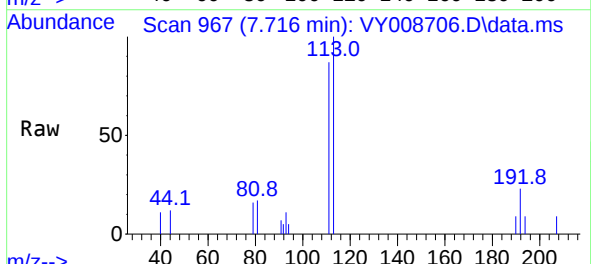
RT: 7.716 min Scan# 967

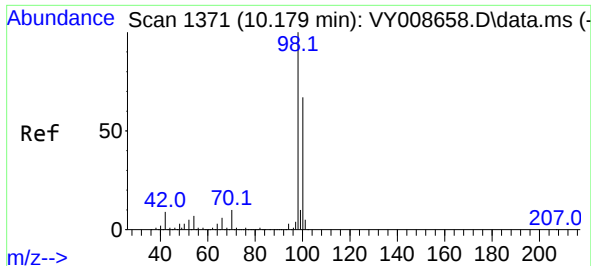
Delta R.T. -0.000 min

Lab File: VY008706.D

Acq: 11 May 2022 14:53

Tgt Ion:113	Resp:	3245
Ion	Ratio	Lower Upper
113	100	
111	101.7	82.6 124.0
192	20.9	17.6 26.4

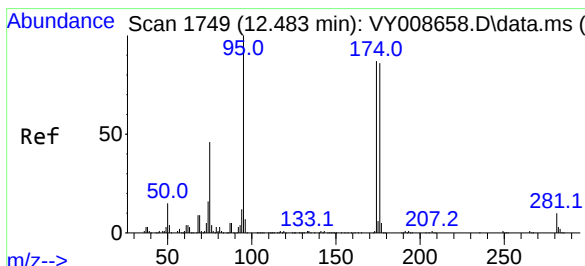
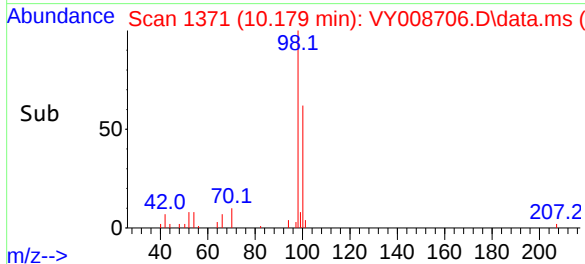
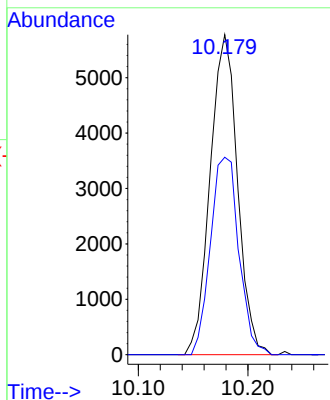
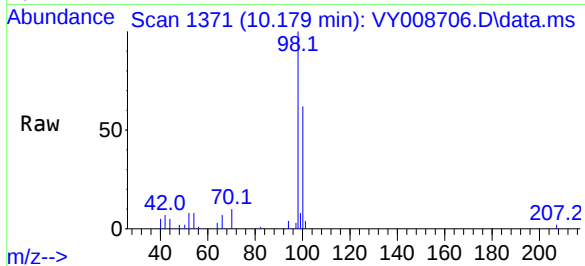




#50
Toluene-d8
Concen: 53.516 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008706.D
Acq: 11 May 2022 14:53

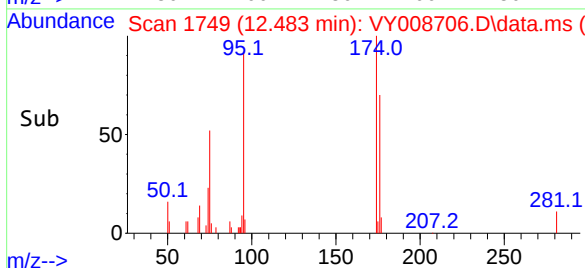
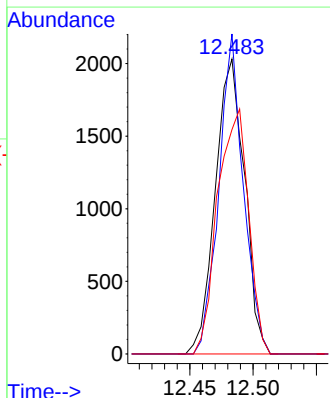
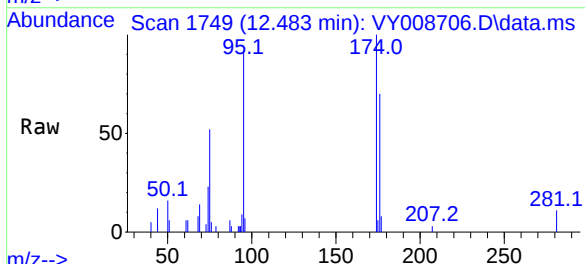
Instrument :
MSVOA_Y
ClientSampleId :
SB15RE

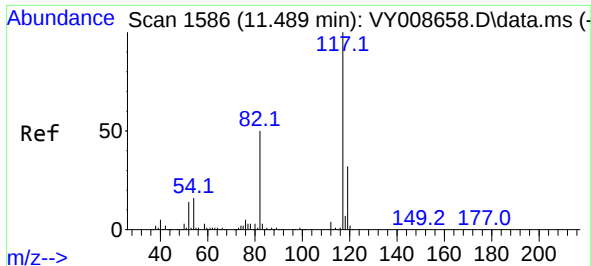
Tgt Ion: 98 Resp: 10034
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.447 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008706.D
Acq: 11 May 2022 14:53

Tgt Ion: 95 Resp: 3268
Ion Ratio Lower Upper
95 100
174 91.1 0.0 177.0
176 87.6 0.0 175.8

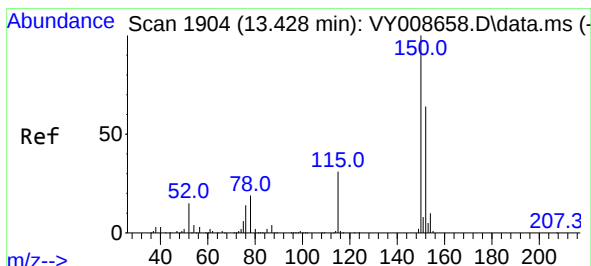
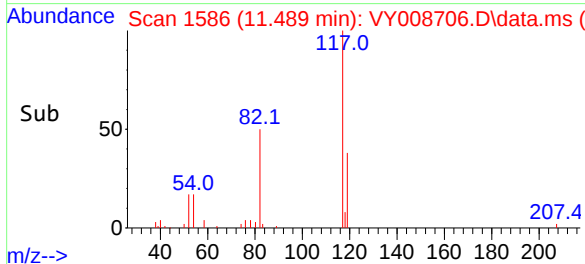
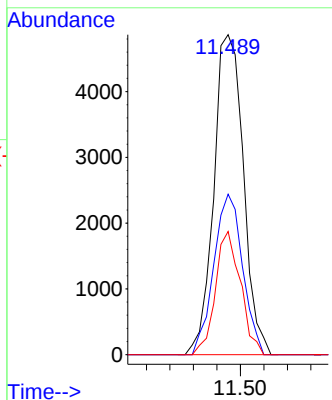
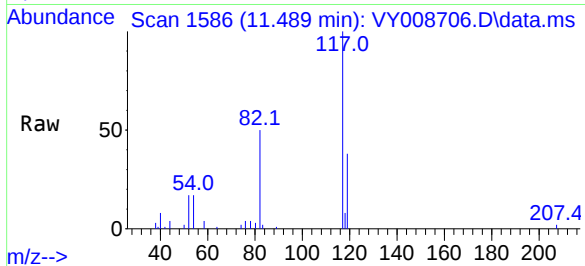




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008706.D
Acq: 11 May 2022 14:53

Instrument :
MSVOA_Y
ClientSampleId :
SB15RE

Tgt Ion:117 Resp: 8499
Ion Ratio Lower Upper
117 100
82 50.2 43.0 64.4
119 38.5 25.4 38.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008706.D
Acq: 11 May 2022 14:53

Tgt Ion:152 Resp: 3109
Ion Ratio Lower Upper
152 100
115 60.1 28.2 84.7
150 161.5 0.0 347.6

