

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110521\
 Data File : VY006660.D
 Acq On : 05 Nov 2021 16:43
 Operator : SY/MD
 Sample : M4477-04
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T1-B1-S

Quant Time: Nov 06 20:40:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	32501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	51516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	43984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	16041	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	21673	54.190	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.380%
35) Dibromofluoromethane	7.728	113	15754	54.866	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.740%
50) Toluene-d8	10.185	98	64863	53.288	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.580%
62) 4-Bromofluorobenzene	12.483	95	16876	41.158	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.320%

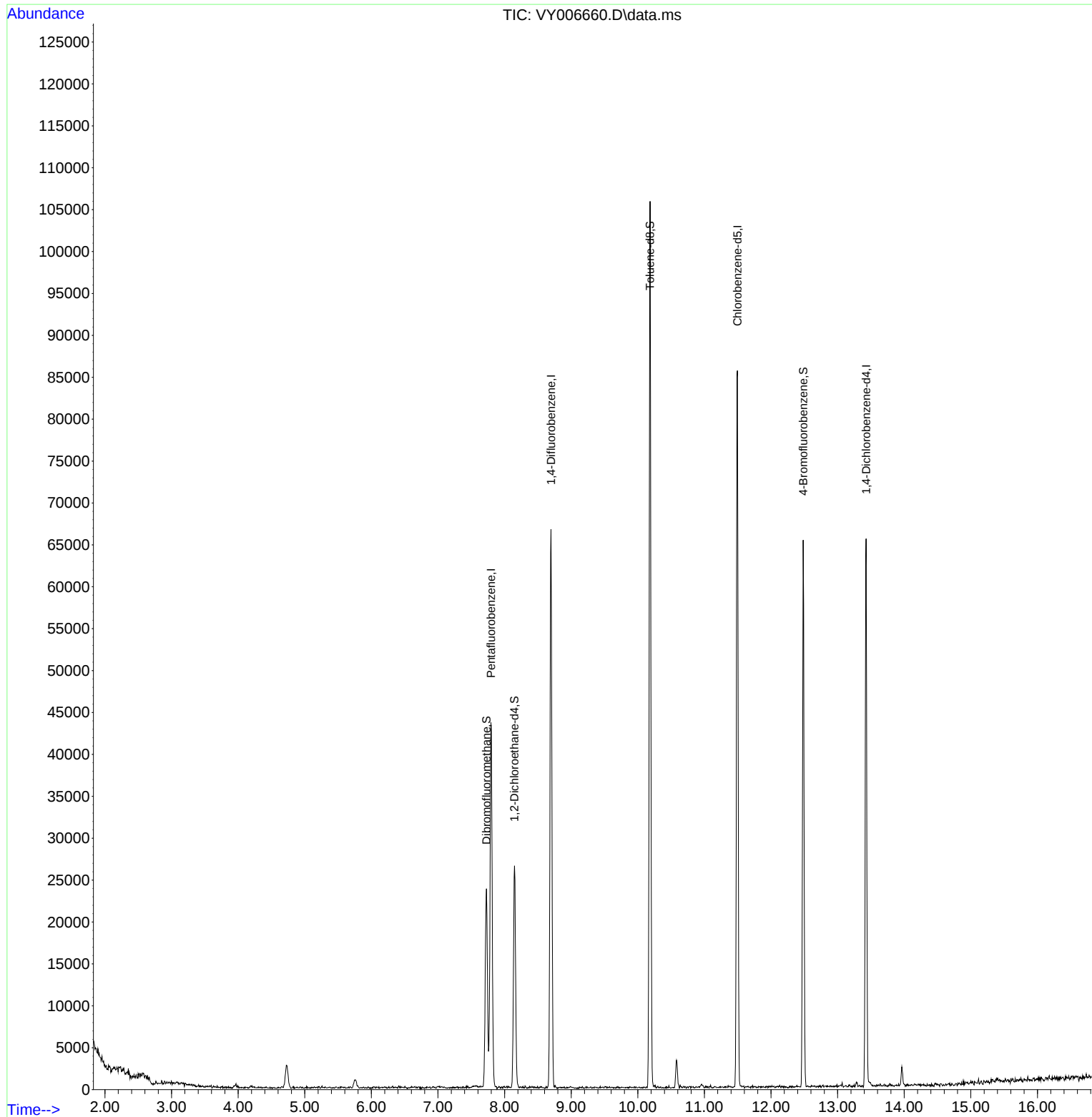
Target Compounds	Qvalue

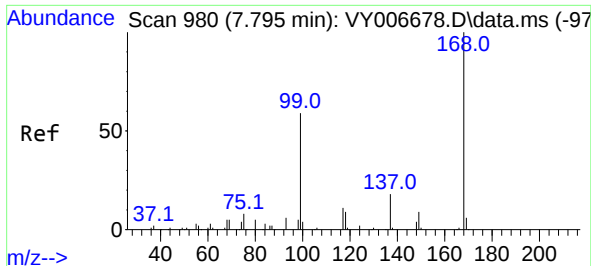
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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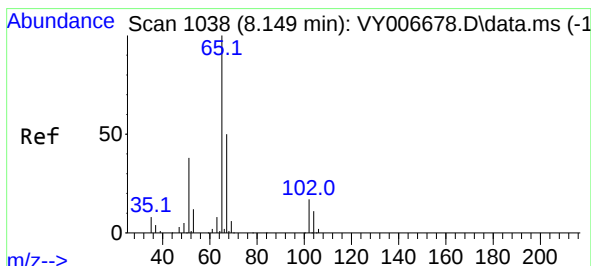
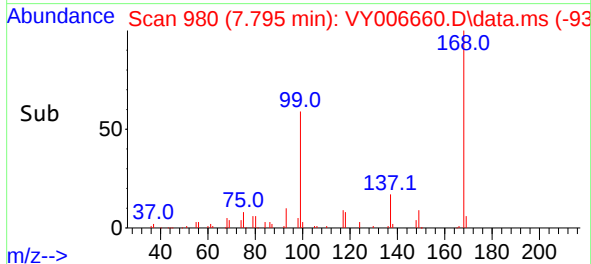
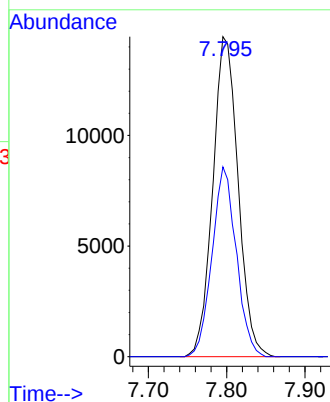
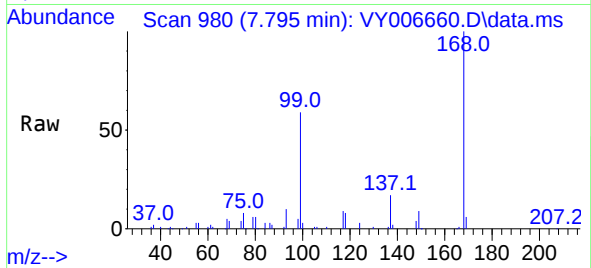




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006660.D
Acq: 05 Nov 2021 16:43

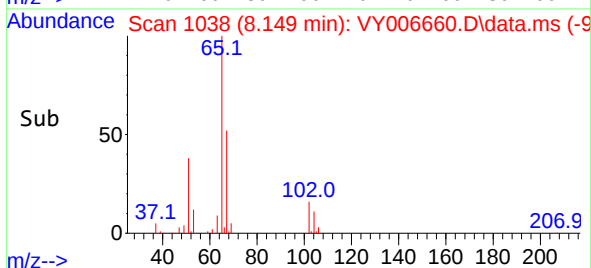
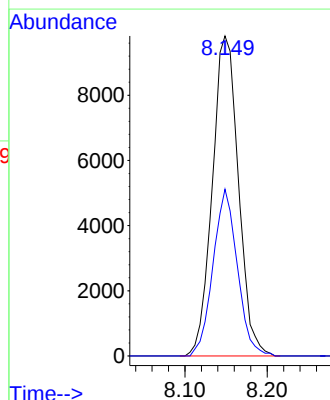
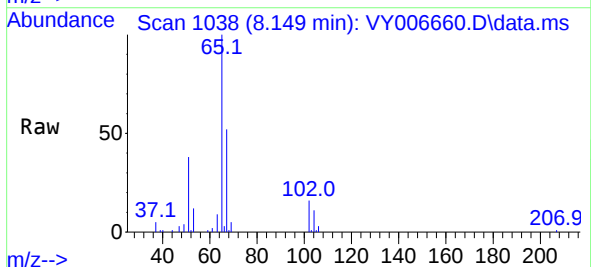
Instrument :
MSVOA_Y
ClientSampleId :
T1-B1-S

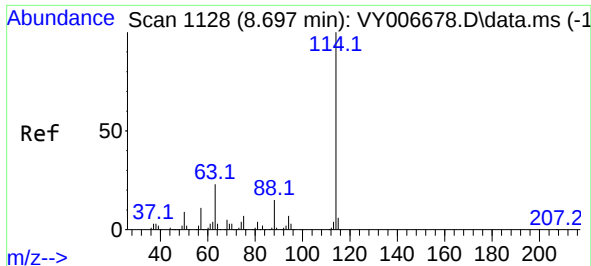
Tgt Ion:168 Resp: 32501
Ion Ratio Lower Upper
168 100
99 59.3 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 54.190 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006660.D
Acq: 05 Nov 2021 16:43

Tgt Ion: 65 Resp: 21673
Ion Ratio Lower Upper
65 100
67 48.5 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY006660.D

Acq: 05 Nov 2021 16:43

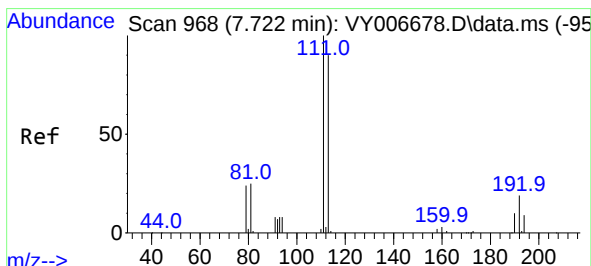
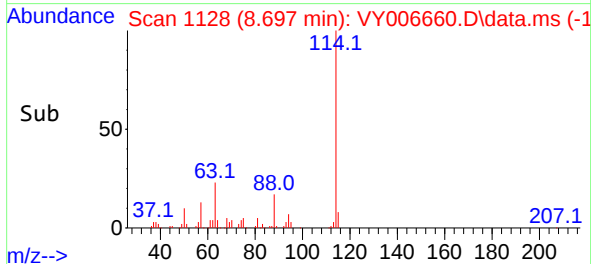
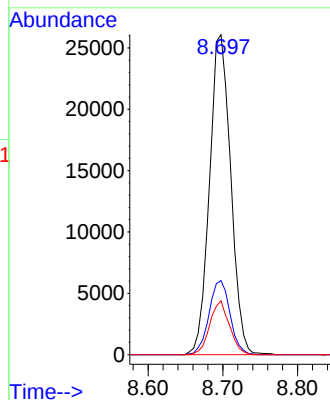
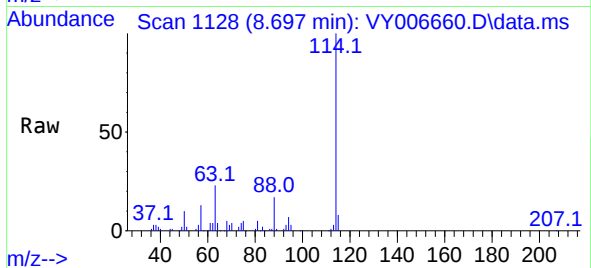
Instrument :

MSVOA_Y

ClientSampleId :

T1-B1-S

Tgt Ion:114	Resp:	51516
Ion	Ratio	Lower Upper
114	100	
63	23.2	0.0 45.0
88	16.9	0.0 30.6



#35

Dibromofluoromethane

Concen: 54.866 ug/l

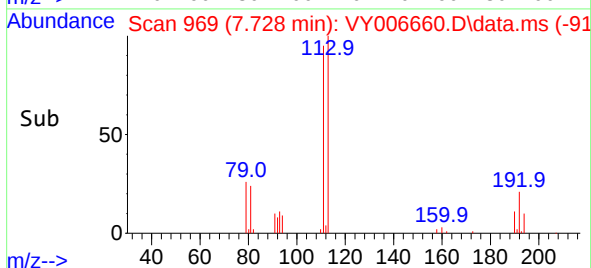
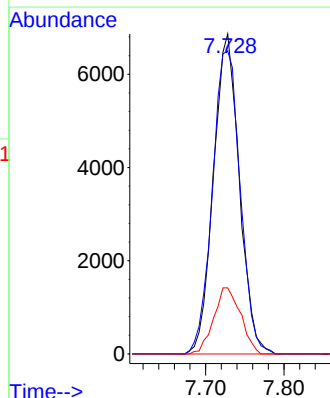
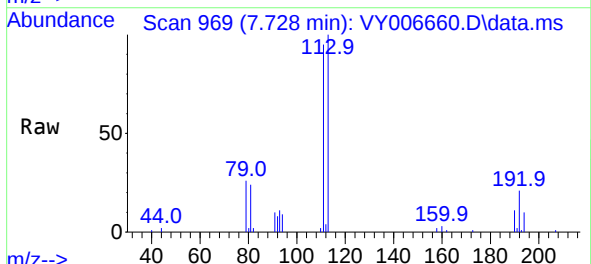
RT: 7.728 min Scan# 969

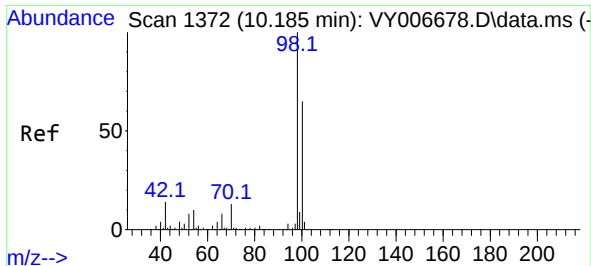
Delta R.T. 0.006 min

Lab File: VY006660.D

Acq: 05 Nov 2021 16:43

Tgt Ion:113	Resp:	15754
Ion	Ratio	Lower Upper
113	100	
111	101.6	82.3 123.5
192	21.5	17.4 26.2

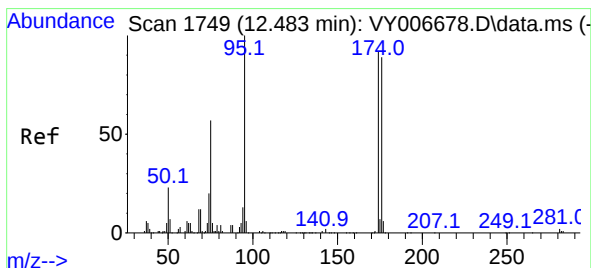
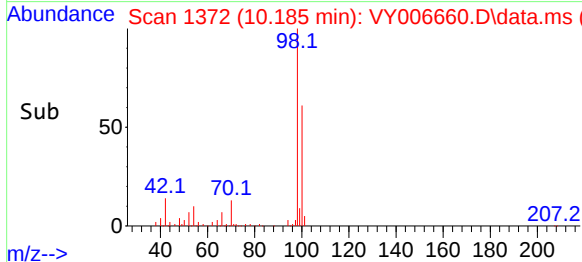
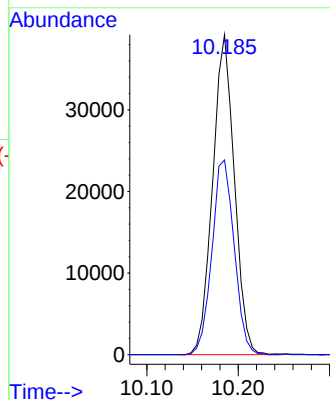
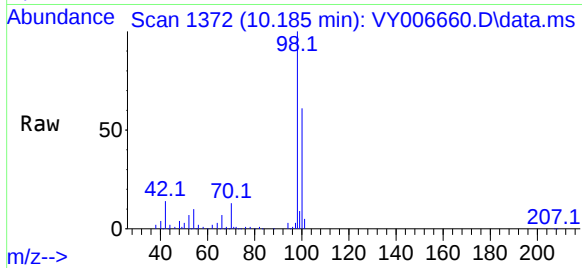




#50
Toluene-d8
Concen: 53.288 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006660.D
Acq: 05 Nov 2021 16:43

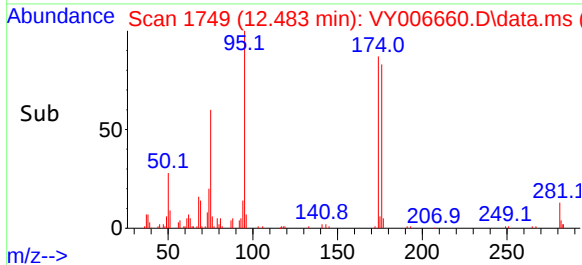
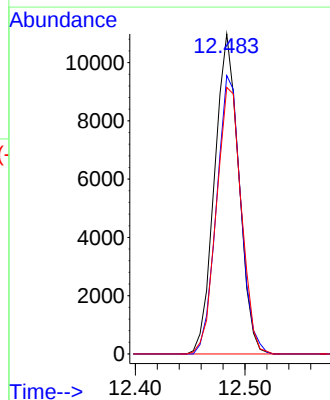
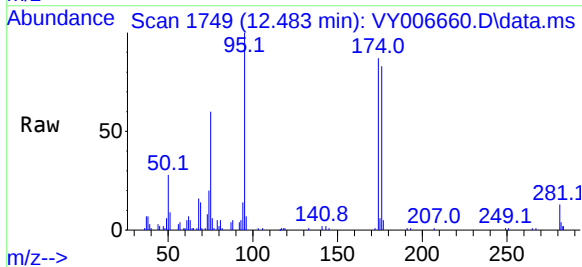
Instrument :
MSVOA_Y
ClientSampleId :
T1-B1-S

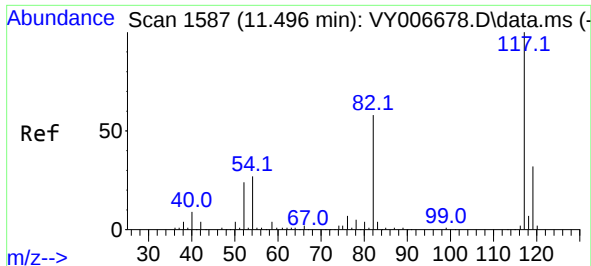
Tgt Ion: 98 Resp: 64863
Ion Ratio Lower Upper
98 100
100 62.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 41.158 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006660.D
Acq: 05 Nov 2021 16:43

Tgt Ion: 95 Resp: 16876
Ion Ratio Lower Upper
95 100
174 86.7 0.0 177.0
176 85.7 0.0 169.4

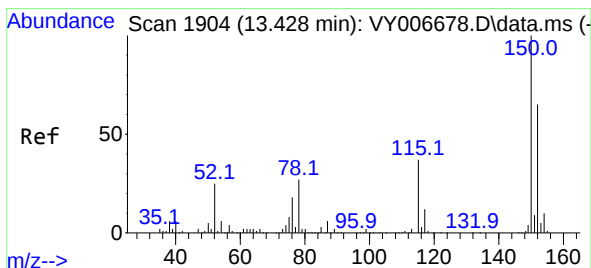
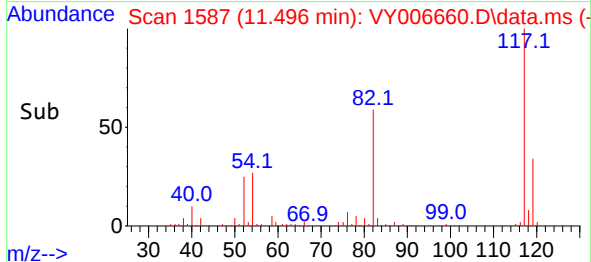
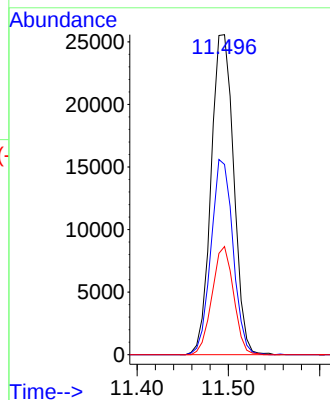
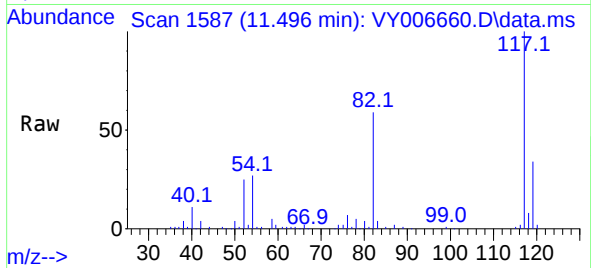




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006660.D
Acq: 05 Nov 2021 16:43

Instrument :
MSVOA_Y
ClientSampleId :
T1-B1-S

Tgt Ion:117 Resp: 43984
Ion Ratio Lower Upper
117 100
82 59.5 45.7 68.5
119 33.8 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: VY006660.D
Acq: 05 Nov 2021 16:43

Tgt Ion:152 Resp: 16041
Ion Ratio Lower Upper
152 100
115 56.1 28.5 85.5
150 157.6 0.0 348.2

