

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110521\
 Data File : VY006662.D
 Acq On : 05 Nov 2021 17:30
 Operator : SY/MD
 Sample : M4477-07
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T5-EP2-NW

Quant Time: Nov 06 20:41:31 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	28798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	43301	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	34071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	9851	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	14769	41.676	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.360%
35) Dibromofluoromethane	7.728	113	12498	51.784	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.560%
50) Toluene-d8	10.185	98	53747	52.533	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.060%
62) 4-Bromofluorobenzene	12.483	95	11103	32.216	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	64.440%

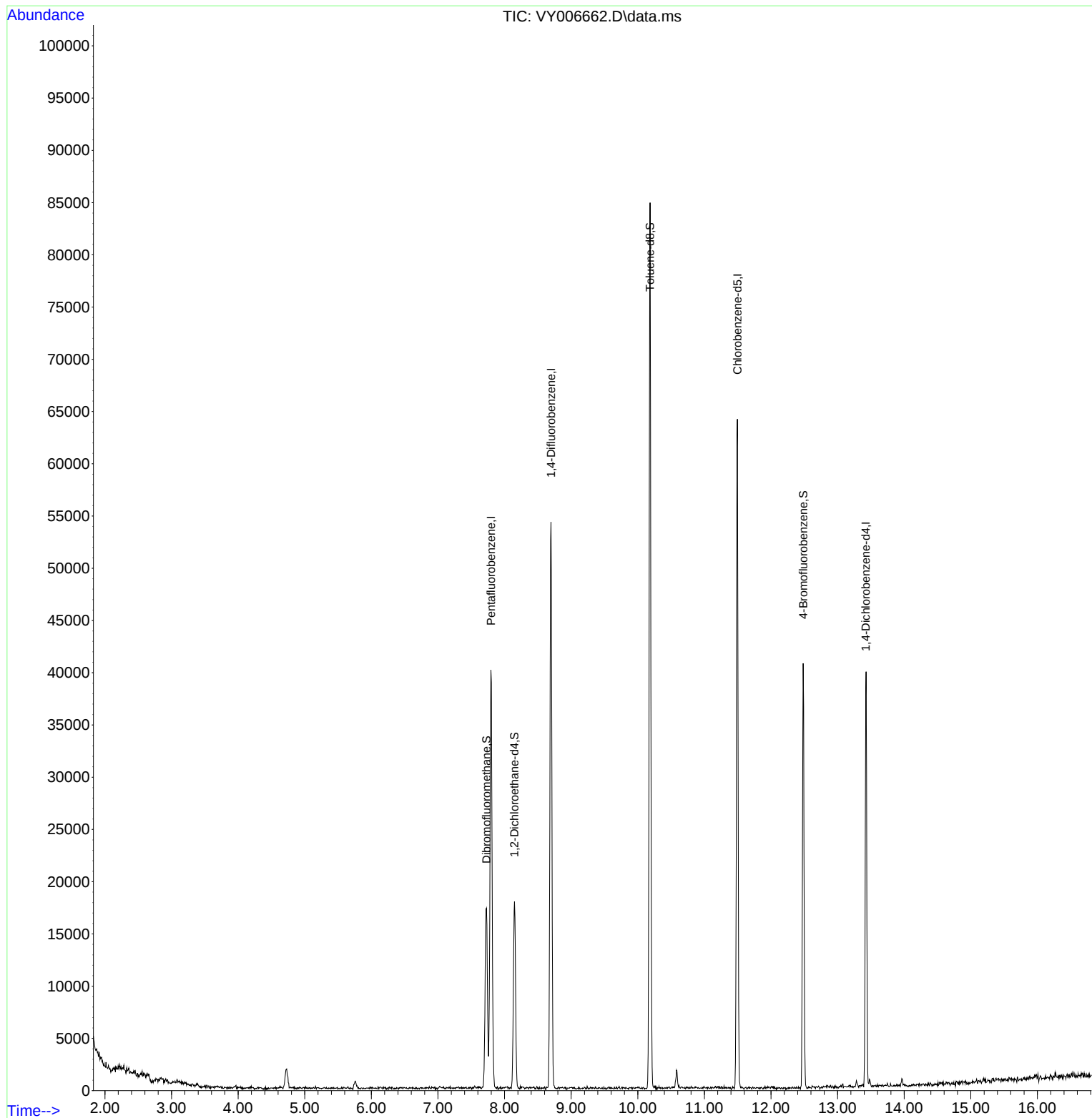
Target Compounds	Qvalue

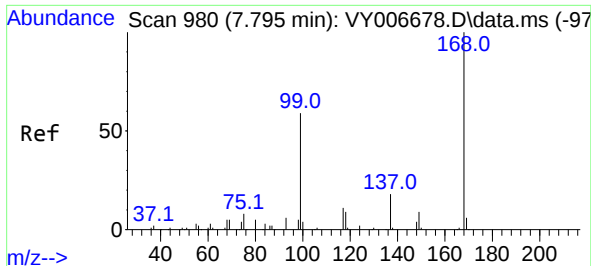
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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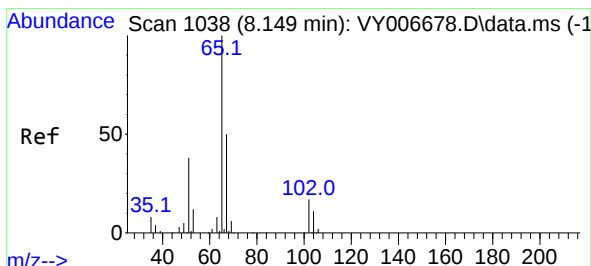
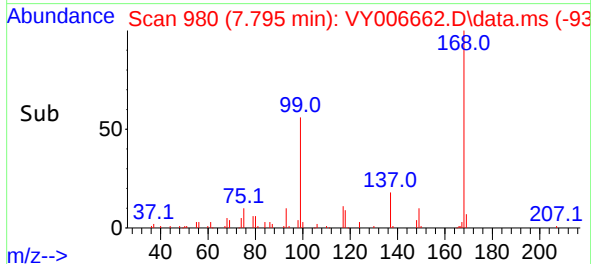
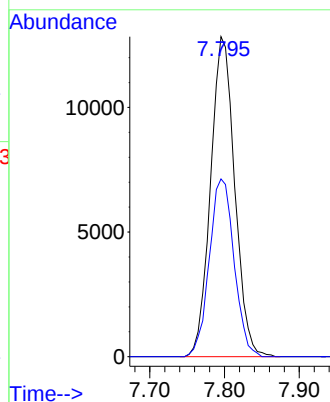
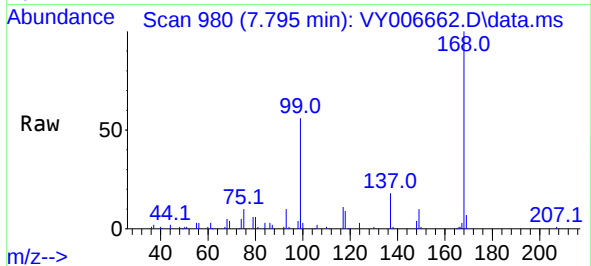




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006662.D
Acq: 05 Nov 2021 17:30

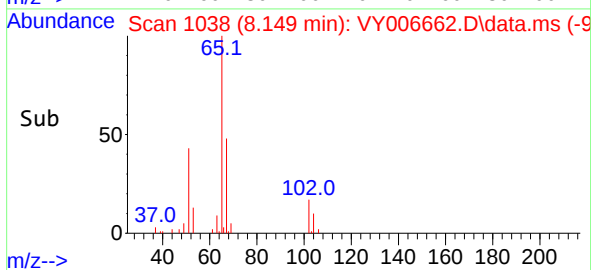
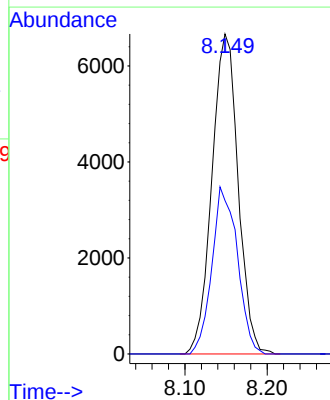
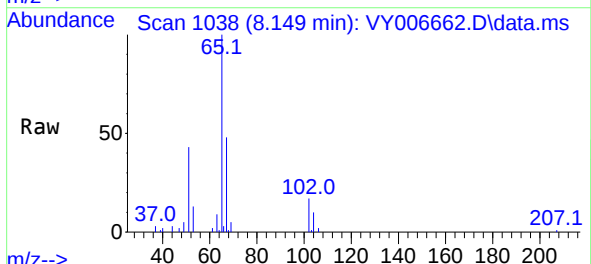
Instrument :
MSVOA_Y
ClientSampleId :
T5-EP2-NW

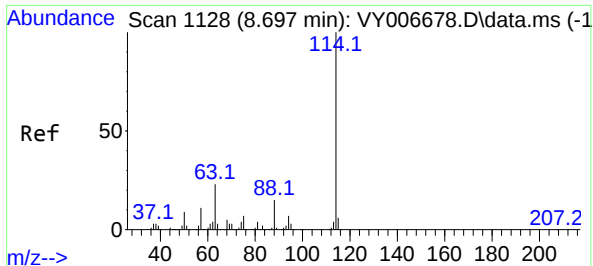
Tgt Ion:168 Resp: 28798
Ion Ratio Lower Upper
168 100
99 55.5 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 41.676 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006662.D
Acq: 05 Nov 2021 17:30

Tgt Ion: 65 Resp: 14769
Ion Ratio Lower Upper
65 100
67 50.7 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: VY006662.D

Acq: 05 Nov 2021 17:30

Instrument :

MSVOA_Y

ClientSampleId :

T5-EP2-NW

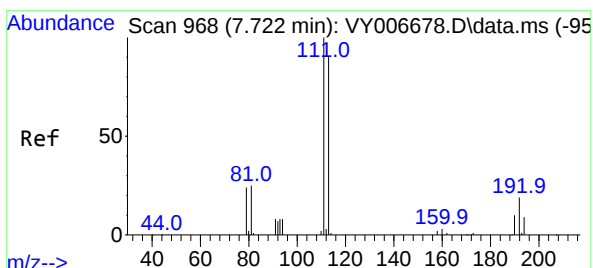
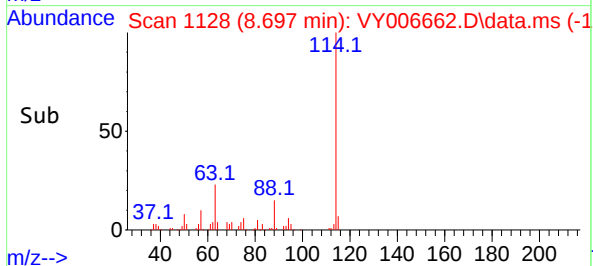
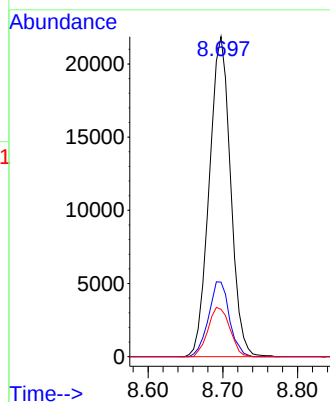
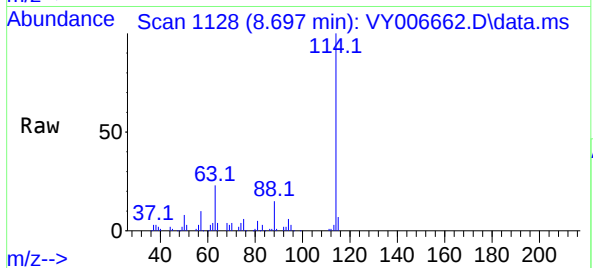
Tgt Ion:114 Resp: 43301

Ion Ratio Lower Upper

114 100

63 23.3 0.0 45.0

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.784 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY006662.D

Acq: 05 Nov 2021 17:30

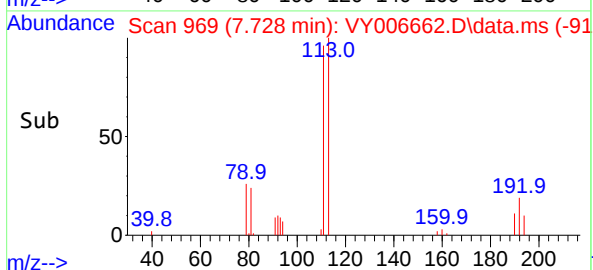
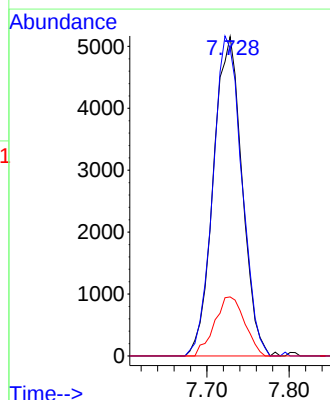
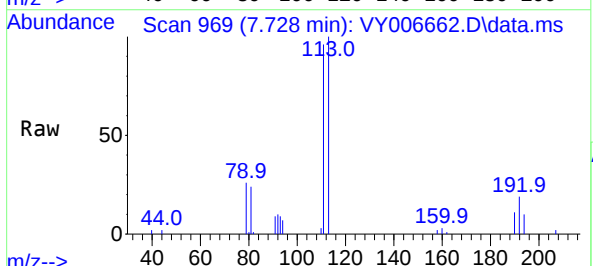
Tgt Ion:113 Resp: 12498

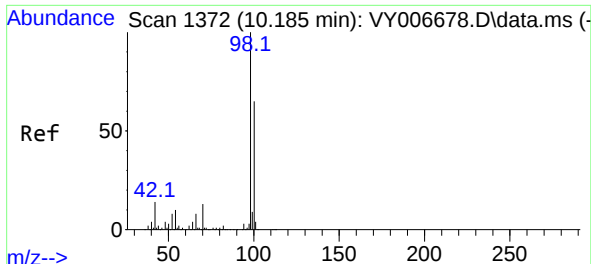
Ion Ratio Lower Upper

113 100

111 100.7 82.3 123.5

192 19.4 17.4 26.2

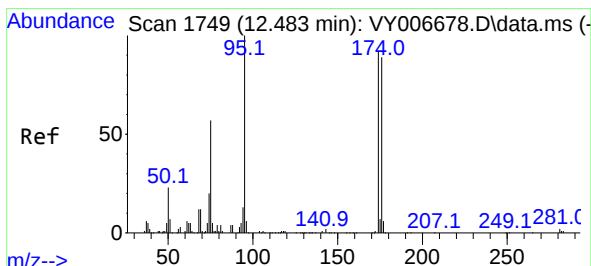
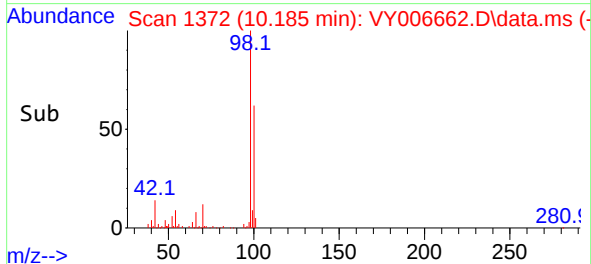
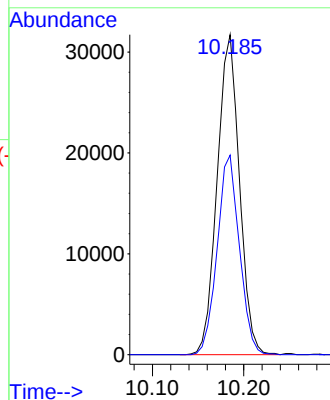
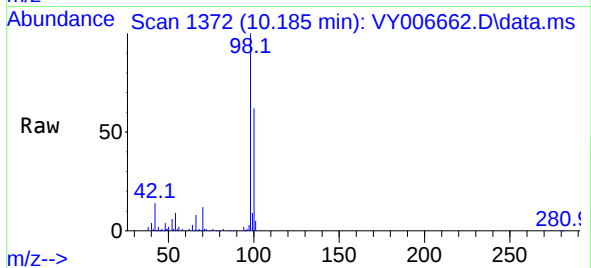




#50
Toluene-d8
Concen: 52.533 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006662.D
Acq: 05 Nov 2021 17:30

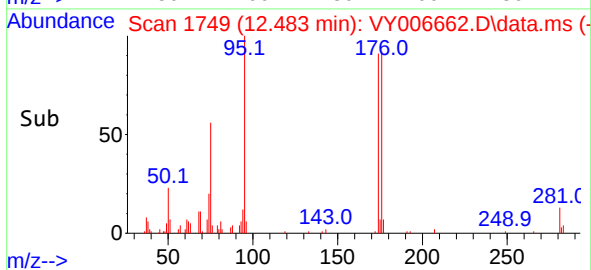
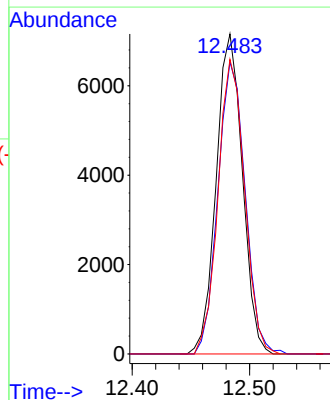
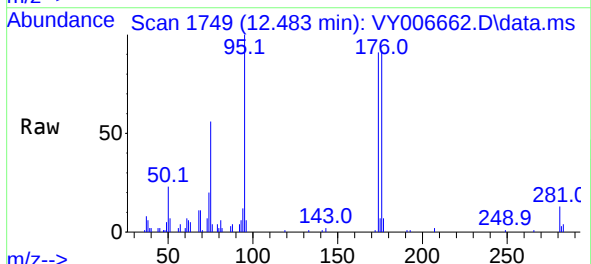
Instrument :
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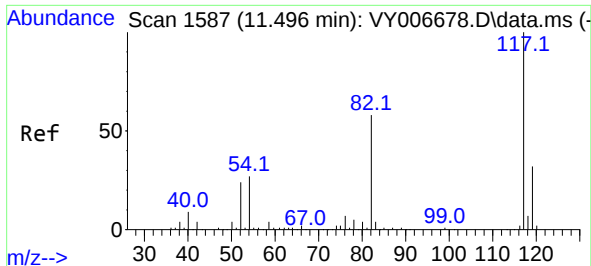
Tgt Ion: 98 Resp: 53747
Ion Ratio Lower Upper
98 100
100 62.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 32.216 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006662.D
Acq: 05 Nov 2021 17:30

Tgt Ion: 95 Resp: 11103
Ion Ratio Lower Upper
95 100
174 94.6 0.0 177.0
176 93.2 0.0 169.4

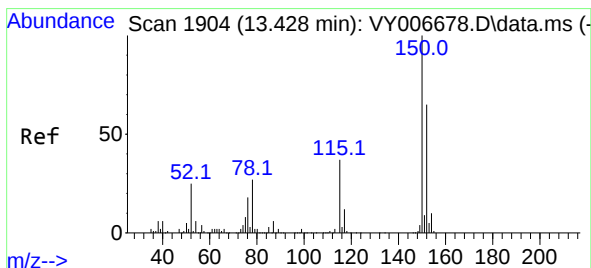
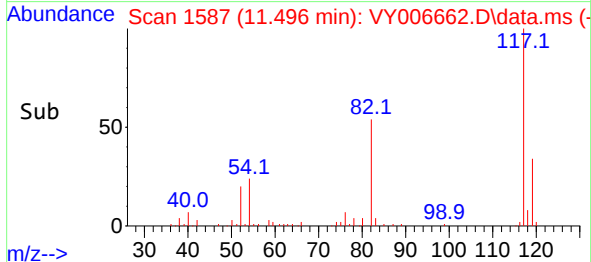
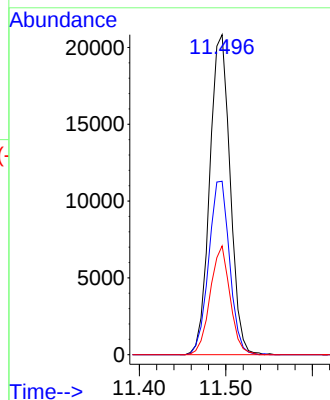
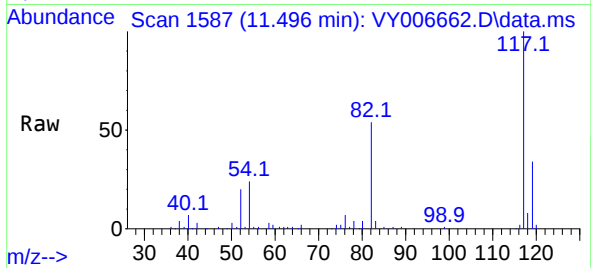




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006662.D
Acq: 05 Nov 2021 17:30

Instrument :
MSVOA_Y
ClientSampleId :
T5-EP2-NW

Tgt Ion:117	Resp:	34071
Ion	Ratio	Lower Upper
117	100	
82	54.2	45.7 68.5
119	34.0	25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY006662.D
Acq: 05 Nov 2021 17:30

Tgt Ion:152	Resp:	9851
Ion	Ratio	Lower Upper
152	100	
115	56.3	28.5 85.5
150	154.1	0.0 348.2

