

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY093021\
 Data File : VY006245.D
 Acq On : 30 Sep 2021 17:14
 Operator : SY/MD
 Sample : M3998-02
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MIXED-DEBRIS-1

Quant Time: Oct 01 06:28:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	124470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	200994	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	190285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87838	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	81420	61.117	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.240%
35) Dibromofluoromethane	7.722	113	47206	43.960	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.920%
50) Toluene-d8	10.185	98	253003	56.296	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.600%
62) 4-Bromofluorobenzene	12.483	95	78069	51.135	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.260%

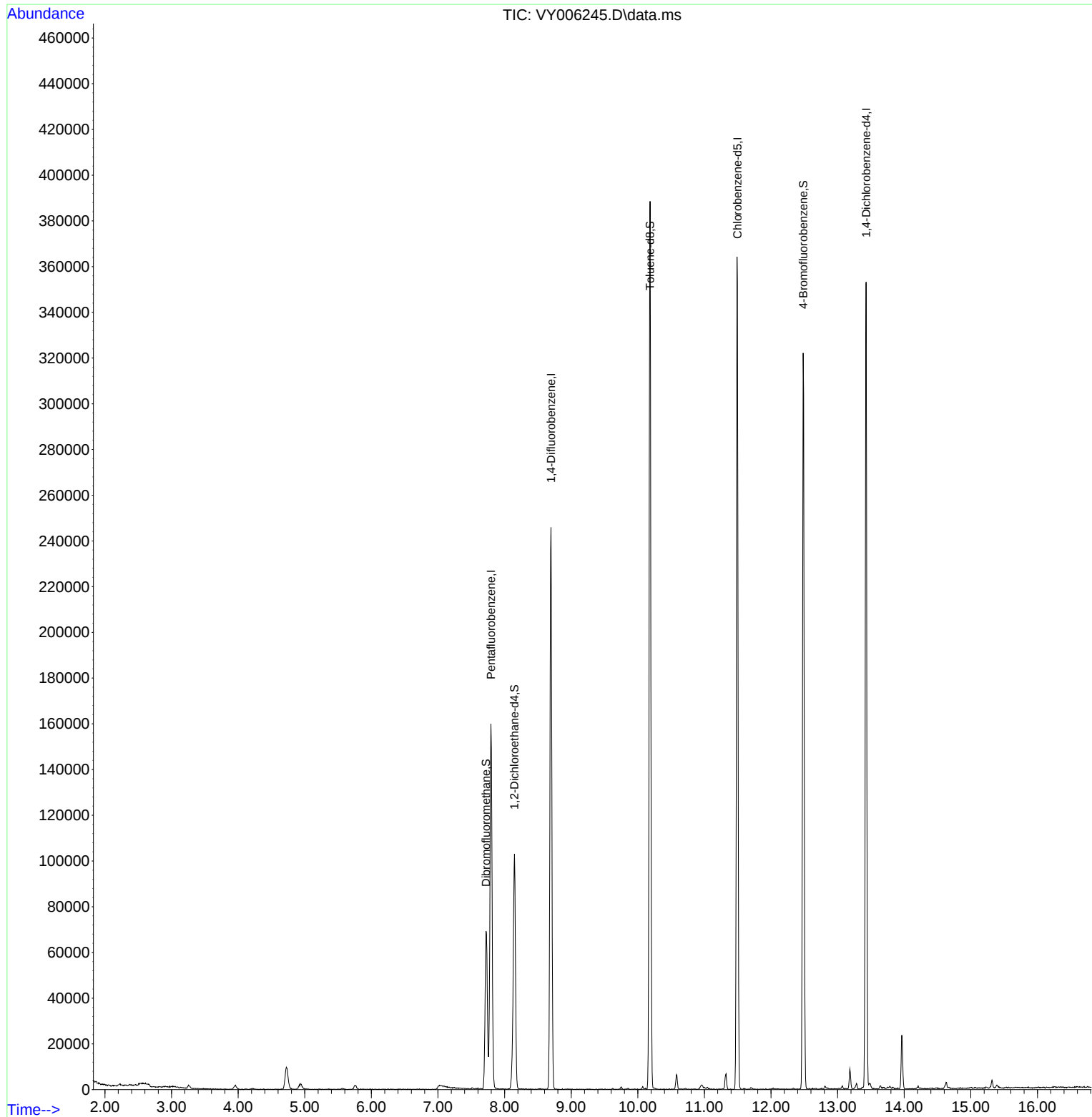
Target Compounds	Qvalue

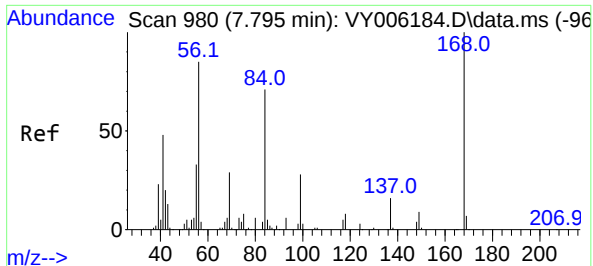
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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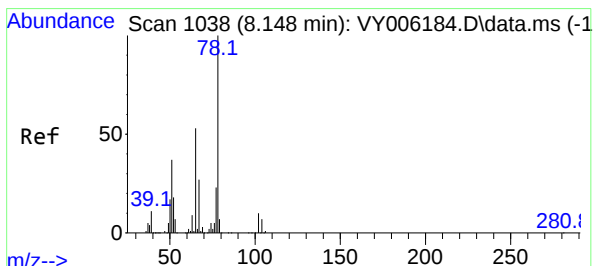
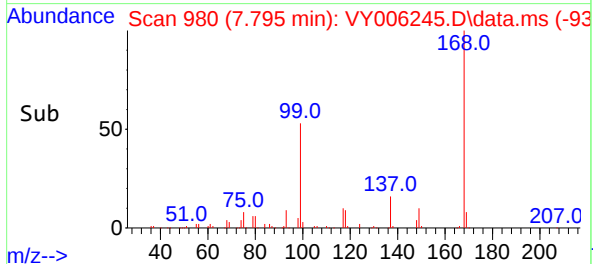
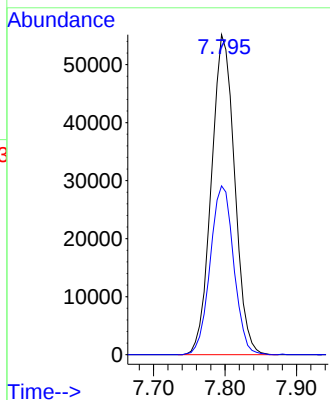
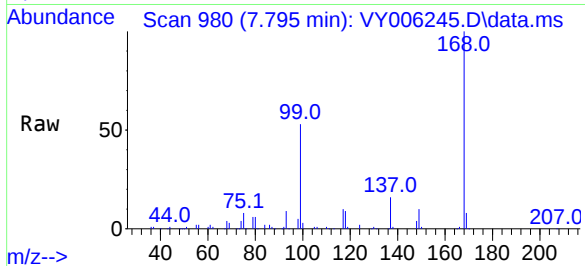




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006245.D
Acq: 30 Sep 2021 17:14

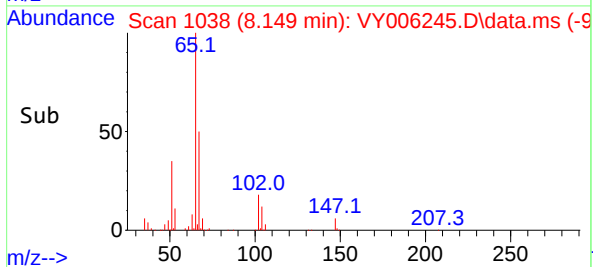
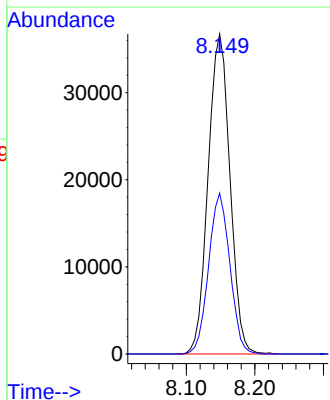
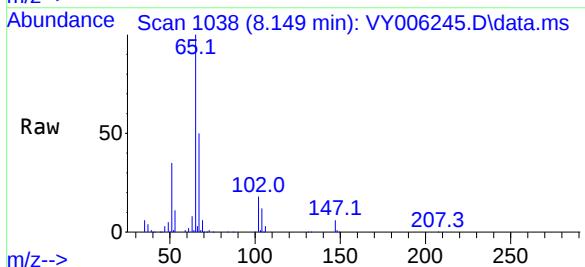
Instrument :
MSVOA_Y
ClientSampleId :
MIXED-DEBRIS-1

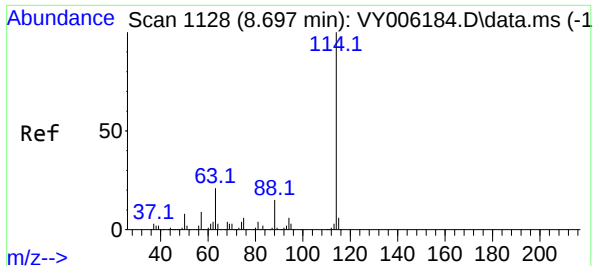
Tgt Ion:168 Resp: 124470
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 61.117 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006245.D
Acq: 30 Sep 2021 17:14

Tgt Ion: 65 Resp: 81420
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY006245.D

Acq: 30 Sep 2021 17:14

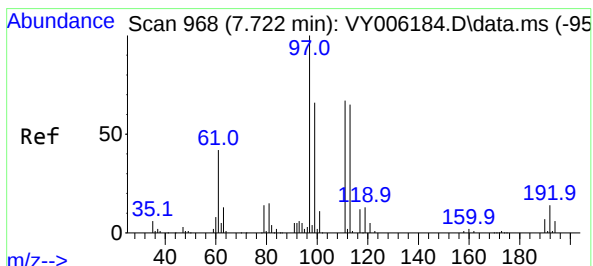
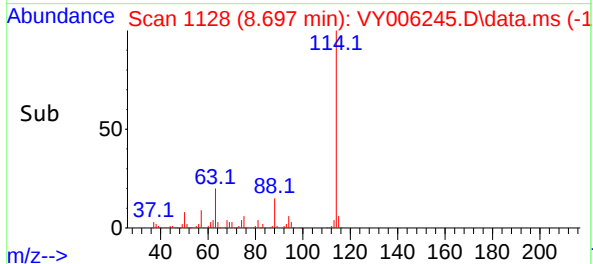
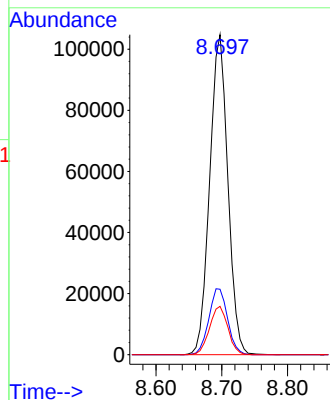
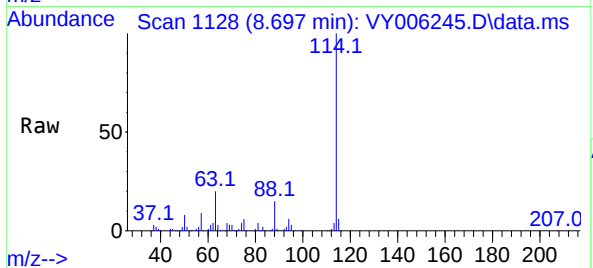
Tgt Ion:114 Resp: 200994

Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 43.960 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY006245.D

Acq: 30 Sep 2021 17:14

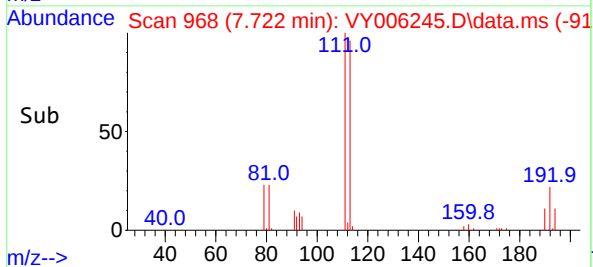
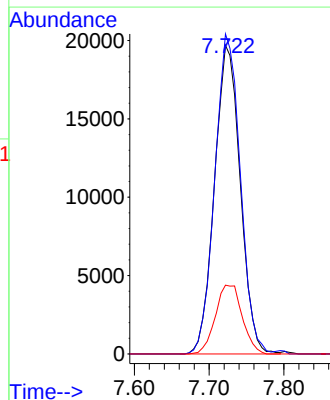
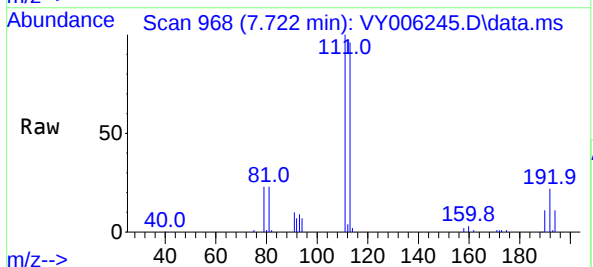
Tgt Ion:113 Resp: 47206

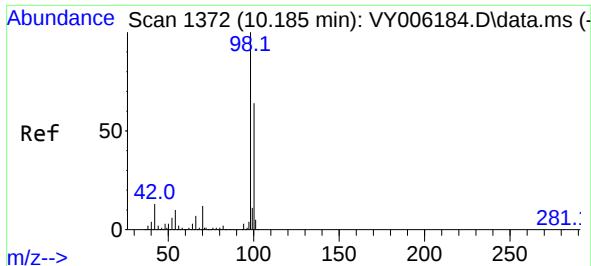
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 23.3 17.6 26.4

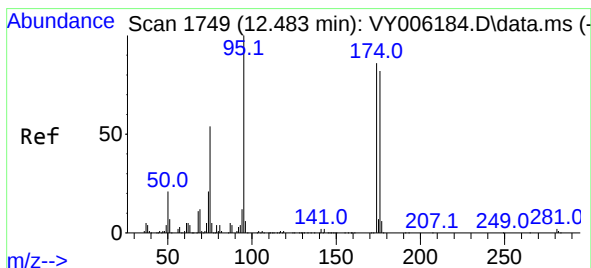
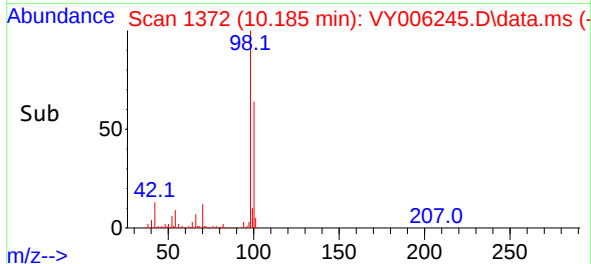
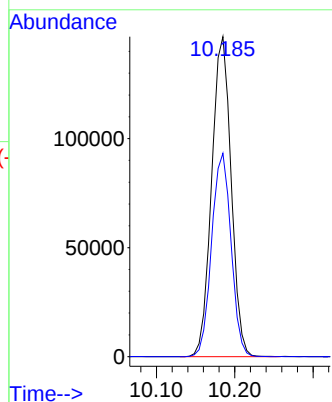
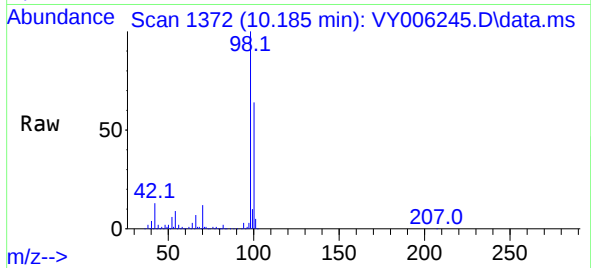




#50
Toluene-d8
Concen: 56.296 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006245.D
Acq: 30 Sep 2021 17:14

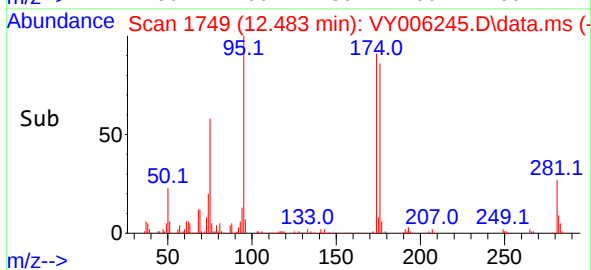
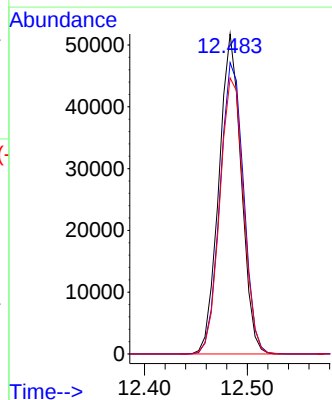
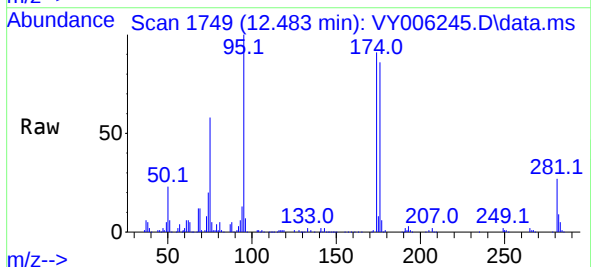
Instrument :
MSVOA_Y
ClientSampleId :
MIXED-DEBRIS-1

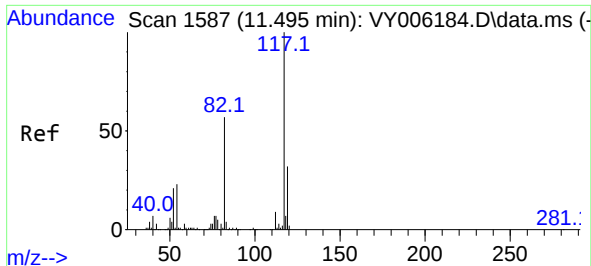
Tgt Ion: 98 Resp: 253003
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.135 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006245.D
Acq: 30 Sep 2021 17:14

Tgt Ion: 95 Resp: 78069
Ion Ratio Lower Upper
95 100
174 95.9 0.0 177.0
176 91.4 0.0 175.8

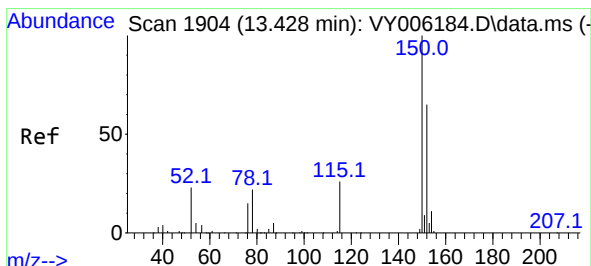
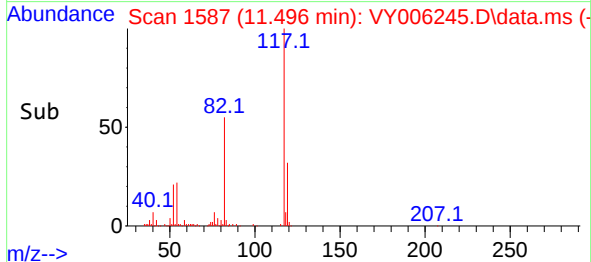
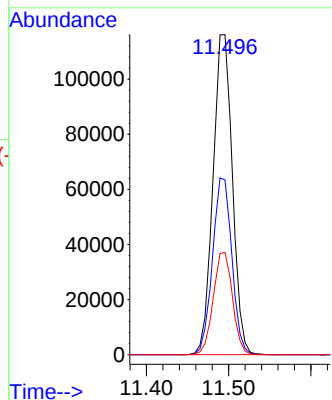
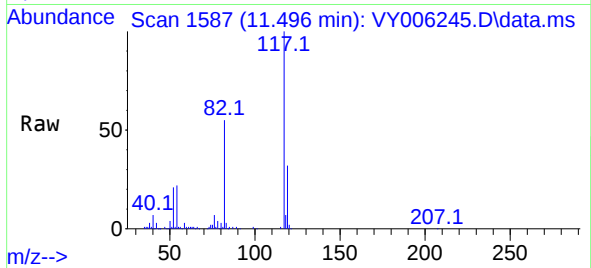




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006245.D
Acq: 30 Sep 2021 17:14

Instrument :
MSVOA_Y
ClientSampleId :
MIXED-DEBRIS-1

Tgt Ion:	117	Resp:	190285
Ion	Ratio	Lower	Upper
117	100		
82	54.6	43.0	64.4
119	31.9	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: VY006245.D
Acq: 30 Sep 2021 17:14

Tgt Ion:	152	Resp:	87838
Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.2	84.7
150	156.8	0.0	347.6

