

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100421\
 Data File : VY006298.D
 Acq On : 04 Oct 2021 23:43
 Operator : SY/MD
 Sample : M4057-01
 Misc : 5.18G/5ML/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SHAFT-17B-SP

Quant Time: Oct 05 06:40:15 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	110539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	184167	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	166264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65380	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	82279	69.55	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.10%
35) Dibromofluoromethane	7.728	113	55369	56.27	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.54%
50) Toluene-d8	10.185	98	228203	55.42	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.84%
62) 4-Bromofluorobenzene	12.483	95	65640	46.92	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.84%

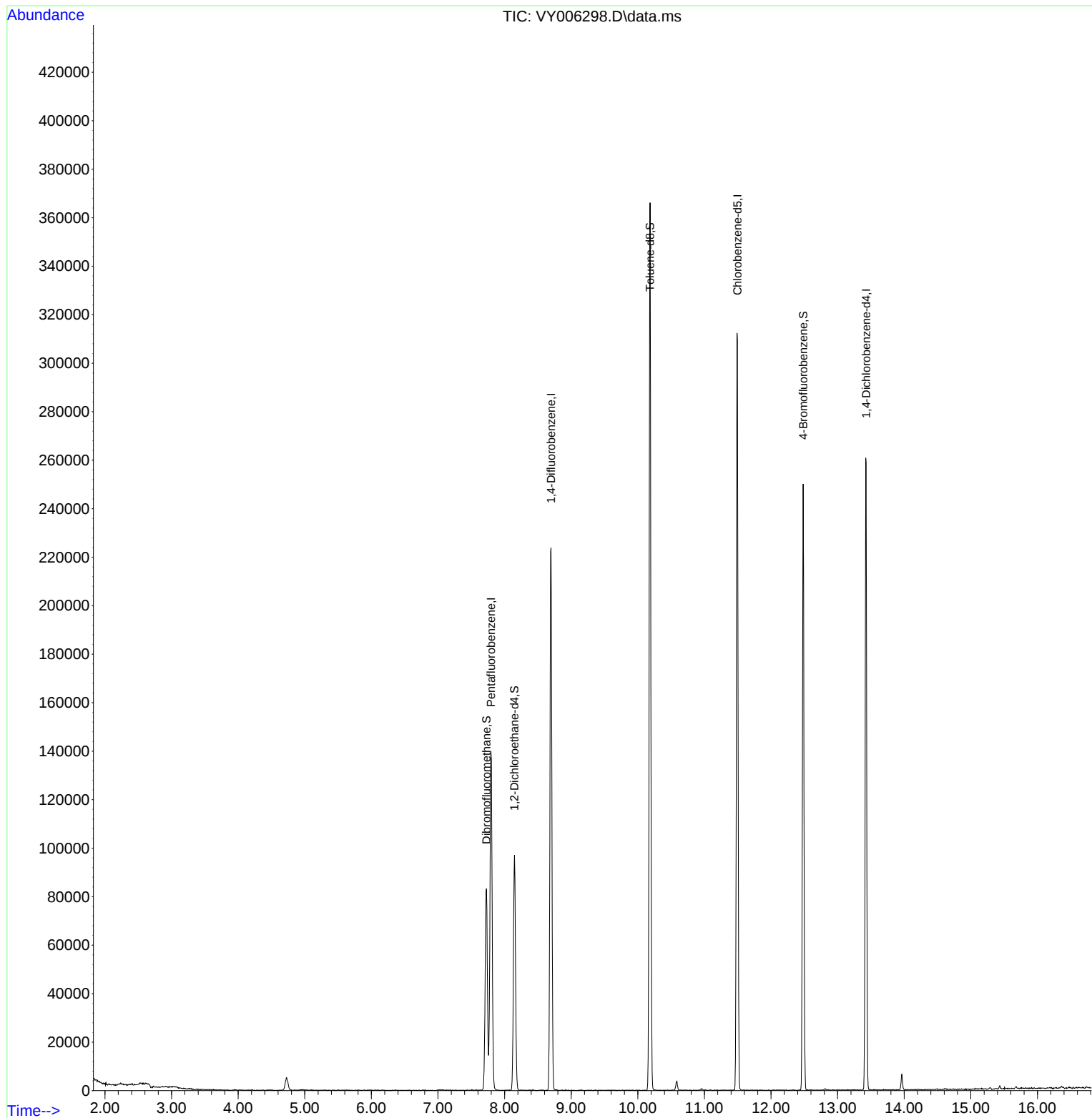
Target Compounds	Qvalue

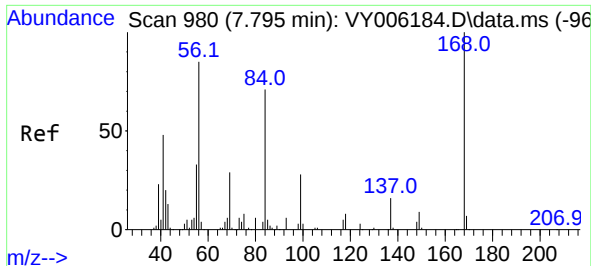
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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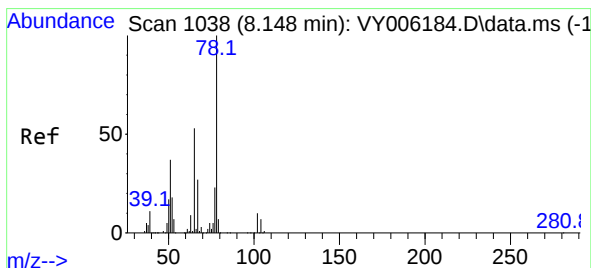
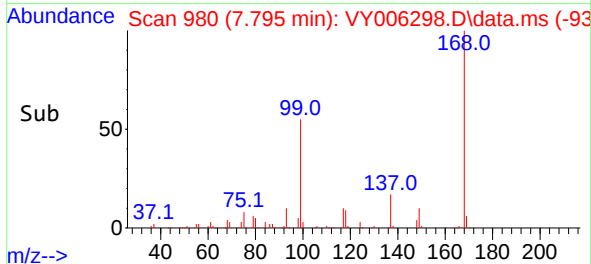
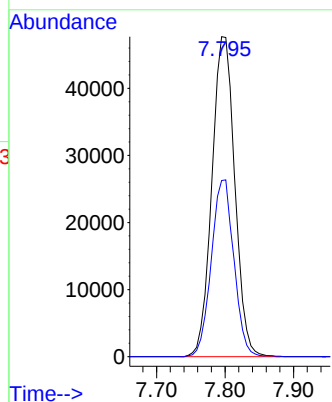
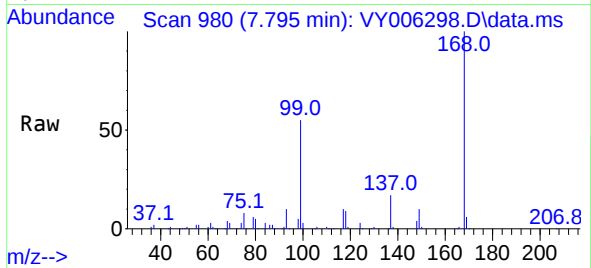




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006298.D
Acq: 04 Oct 2021 23:43

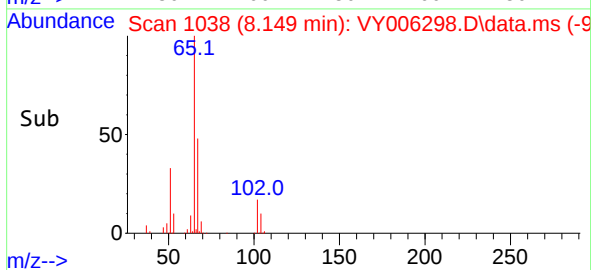
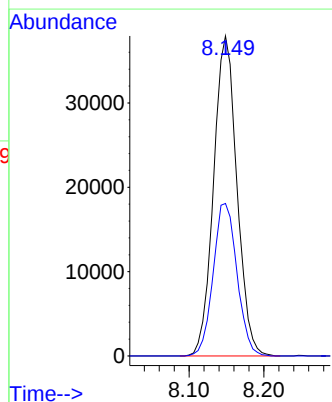
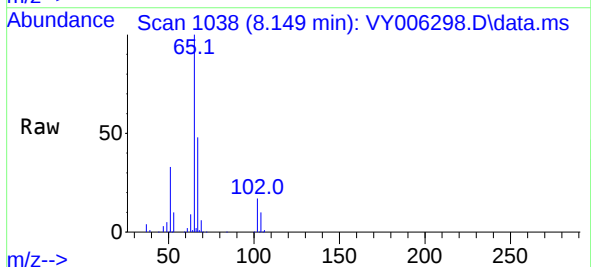
Instrument :
MSVOA_Y
ClientSampleId :
SHAFT-17B-SP

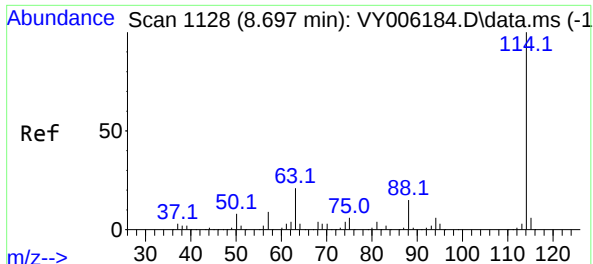
Tgt Ion:168 Resp: 110539
Ion Ratio Lower Upper
168 100
99 55.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 69.55 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006298.D
Acq: 04 Oct 2021 23:43

Tgt Ion: 65 Resp: 82279
Ion Ratio Lower Upper
65 100
67 48.7 0.0 99.4

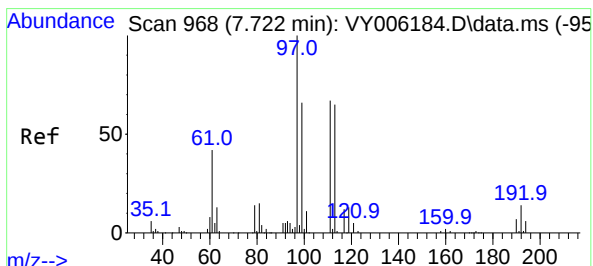
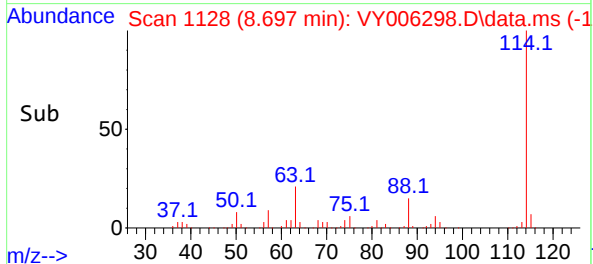
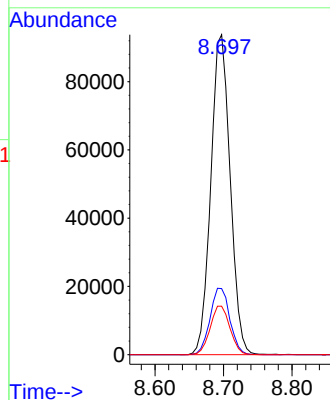
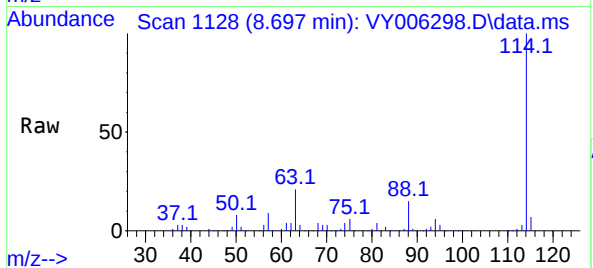




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006298.D
Acq: 04 Oct 2021 23:43

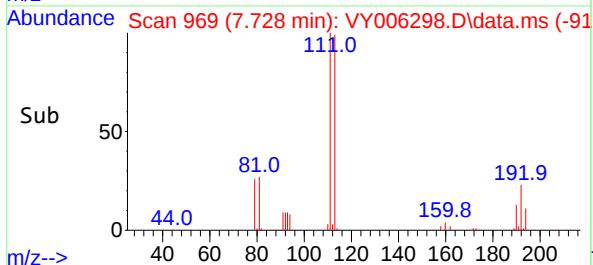
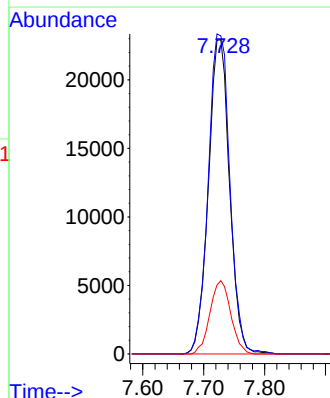
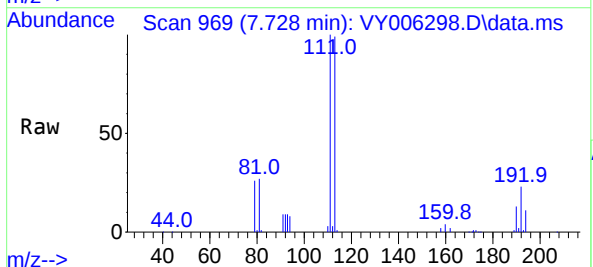
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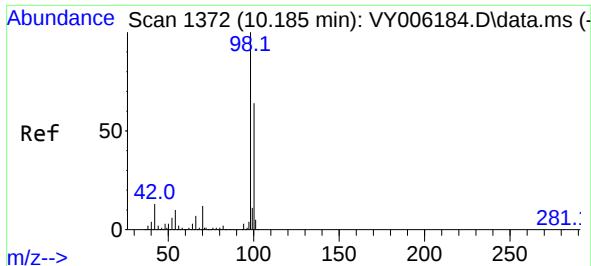
Tgt Ion:	114	Resp:	184167
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	43.2
88	15.1	0.0	31.8



#35
Dibromofluoromethane
Concen: 56.27 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006298.D
Acq: 04 Oct 2021 23:43

Tgt Ion:	113	Resp:	55369
Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.6	124.0
192	22.9	17.6	26.4

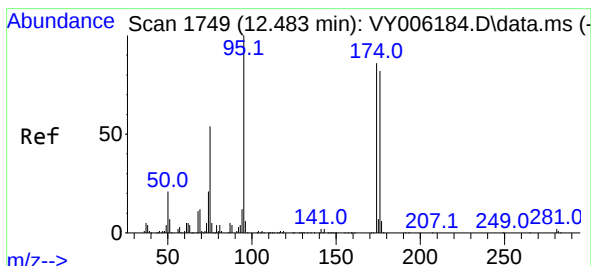
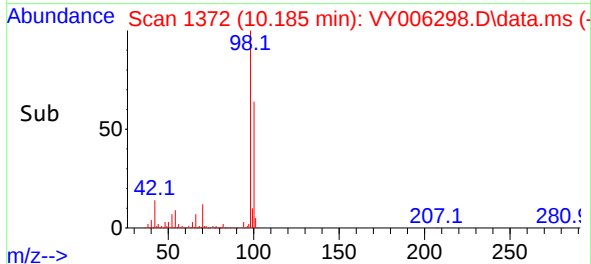
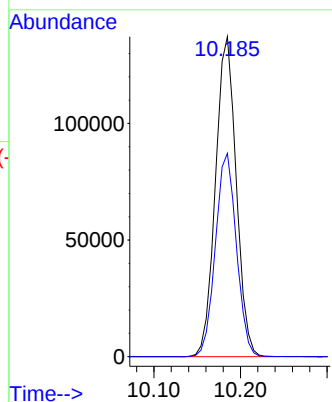
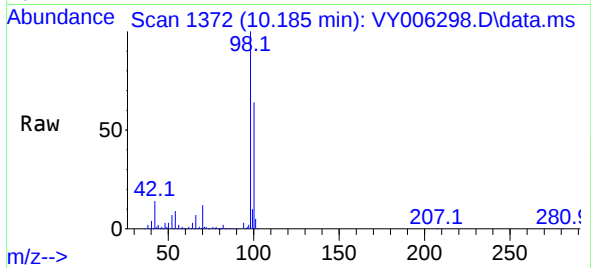




#50
Toluene-d8
Concen: 55.42 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006298.D
Acq: 04 Oct 2021 23:43

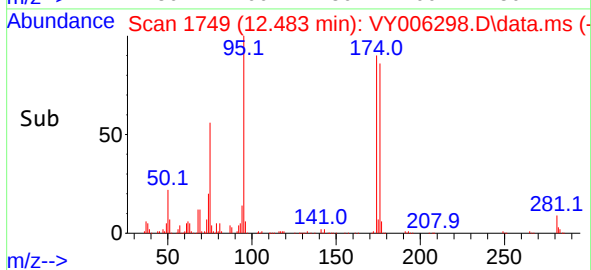
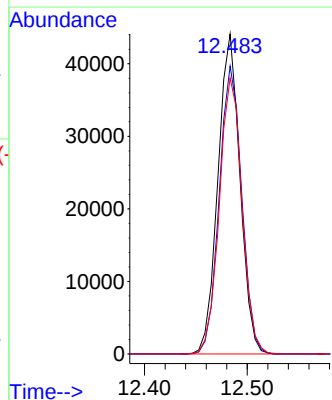
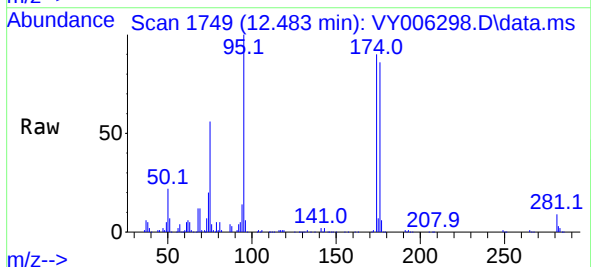
Instrument :
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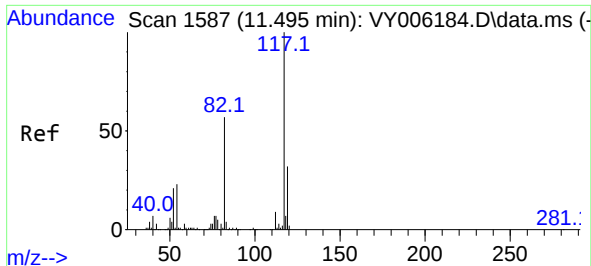
Tgt Ion: 98 Resp: 228203
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.92 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006298.D
Acq: 04 Oct 2021 23:43

Tgt Ion: 95 Resp: 65640
Ion Ratio Lower Upper
95 100
174 91.6 0.0 177.0
176 88.7 0.0 175.8



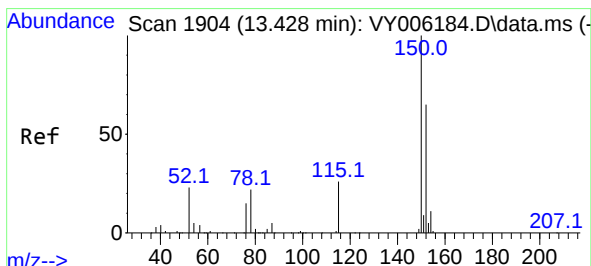
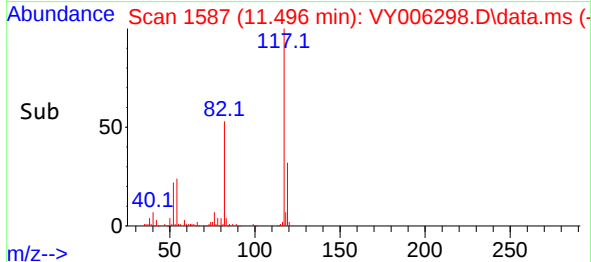
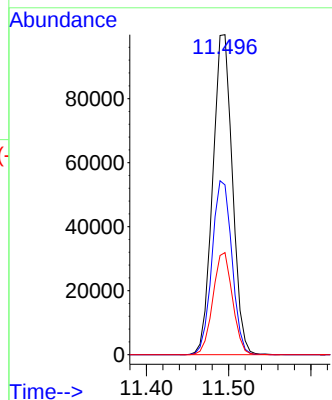
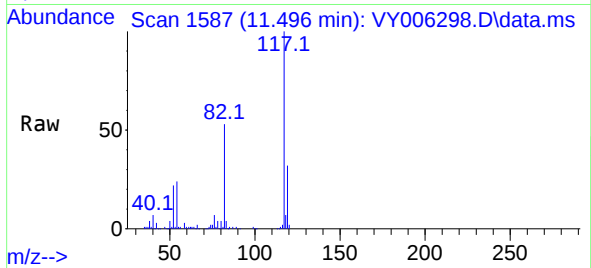


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006298.D
Acq: 04 Oct 2021 23:43

Instrument :
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Tgt Ion:117 Resp: 166264

Ion	Ratio	Lower	Upper
117	100		
82	53.1	43.0	64.4
119	31.9	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006298.D
Acq: 04 Oct 2021 23:43

Tgt Ion:152 Resp: 65380

Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.2	84.7
150	156.2	0.0	347.6

