

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100421\
 Data File : VY006287.D
 Acq On : 04 Oct 2021 19:28
 Operator : SY/MD
 Sample : M4056-13
 Misc : 5.28G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCK-PILE-PENINSULA-1B-11

Quant Time: Oct 05 06:38:47 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	109814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	179400	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	163344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	67427	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	77480	65.92	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.84%
35) Dibromofluoromethane	7.722	113	53872	56.21	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.42%
50) Toluene-d8	10.185	98	222978	55.59	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.18%
62) 4-Bromofluorobenzene	12.483	95	65699	48.21	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.42%

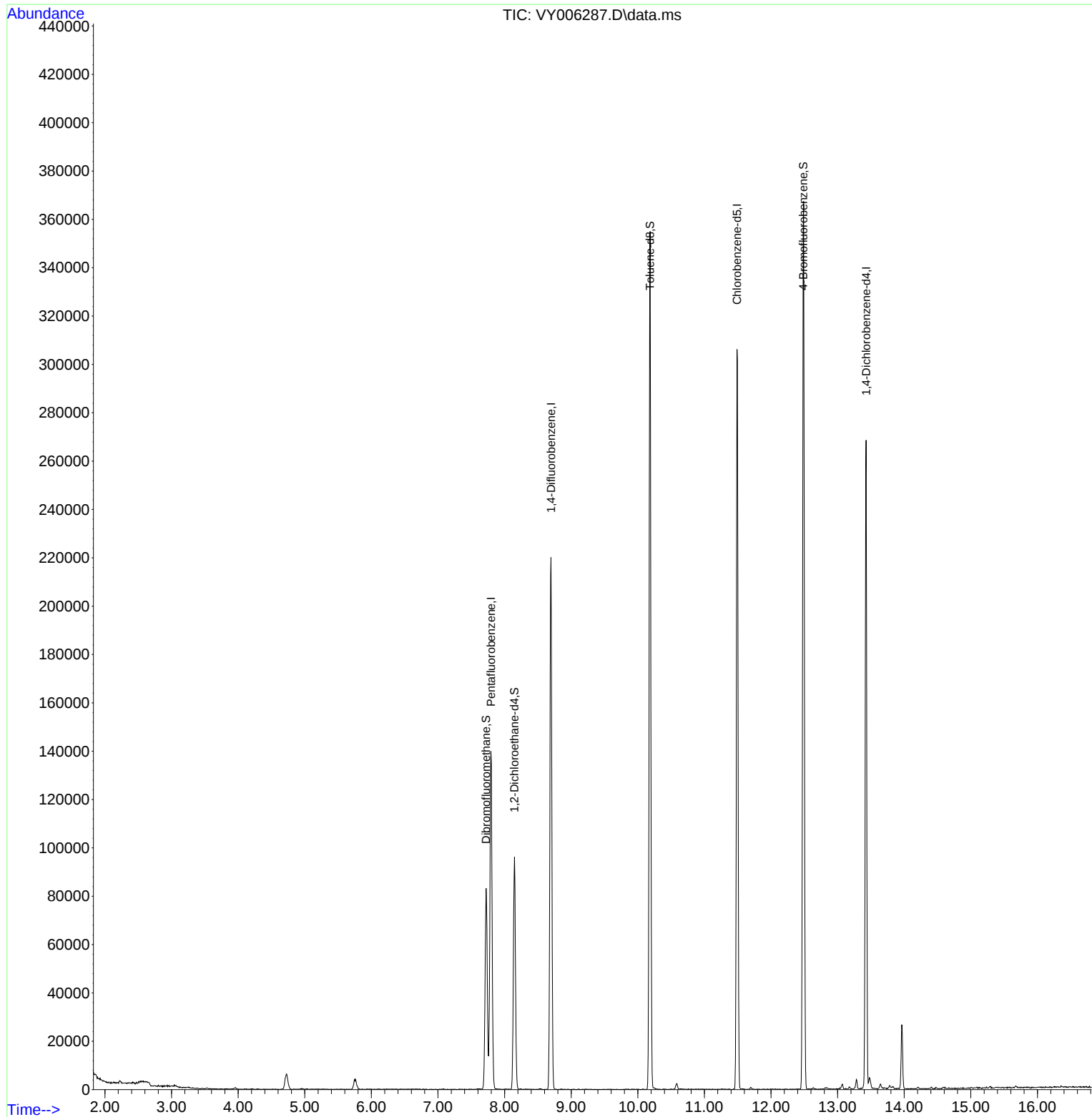
Target Compounds	Qvalue

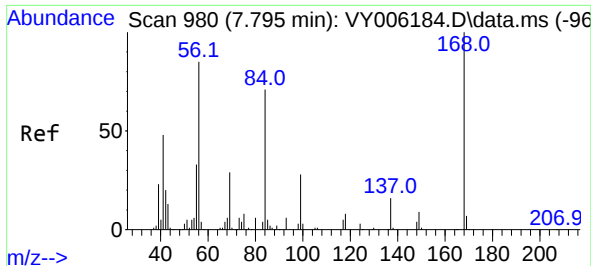
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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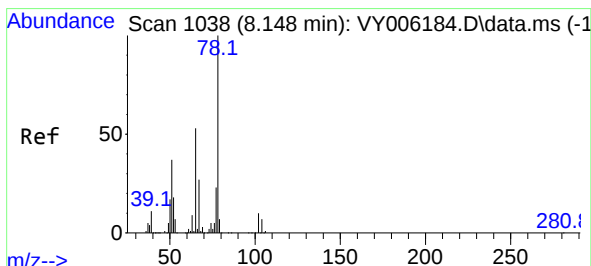
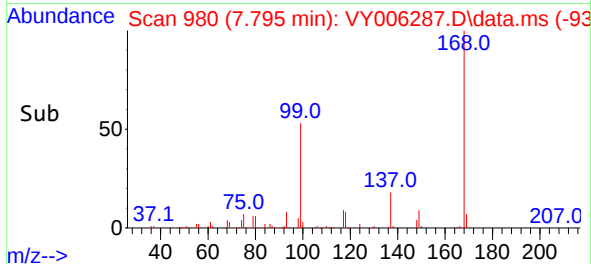
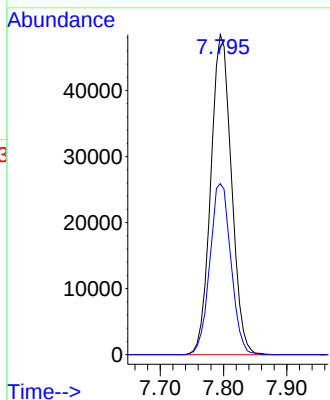
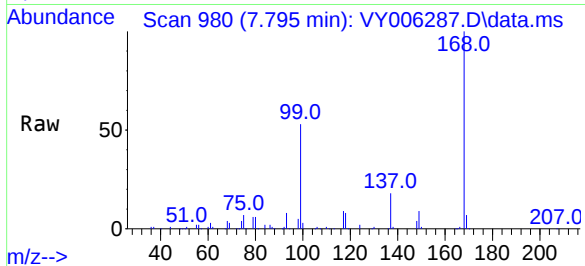




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006287.D
Acq: 04 Oct 2021 19:28

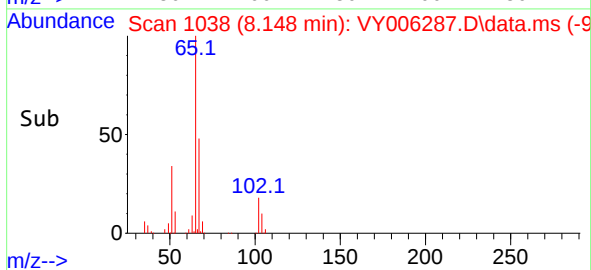
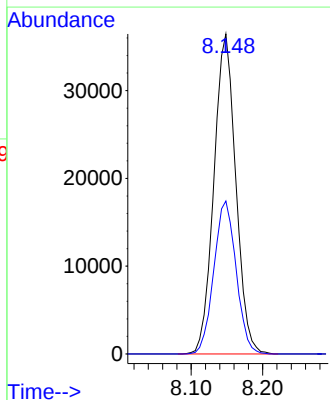
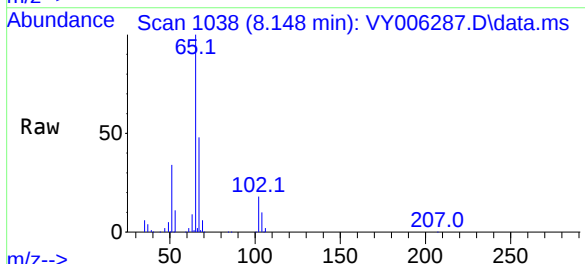
Instrument :
MSVOA_Y
ClientSampleId :
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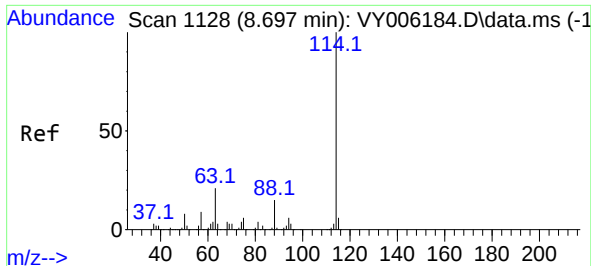
Tgt Ion:168 Resp: 109814
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 65.92 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006287.D
Acq: 04 Oct 2021 19:28

Tgt Ion: 65 Resp: 77480
Ion Ratio Lower Upper
65 100
67 48.6 0.0 99.4

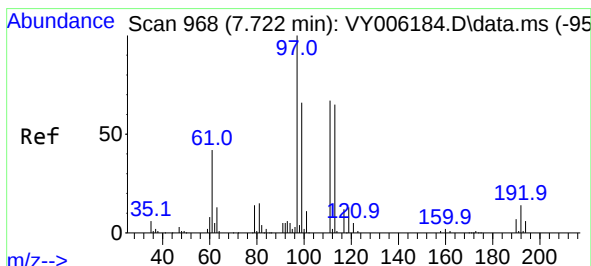
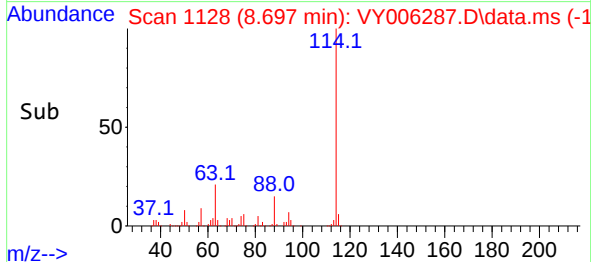
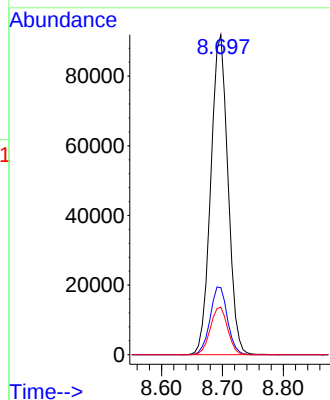
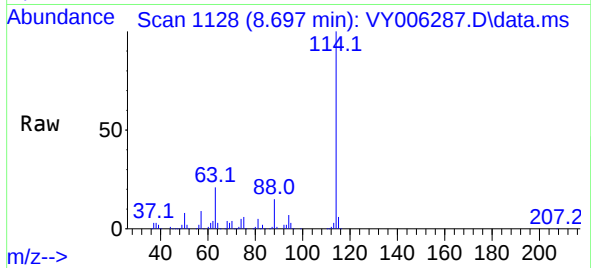




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006287.D
Acq: 04 Oct 2021 19:28

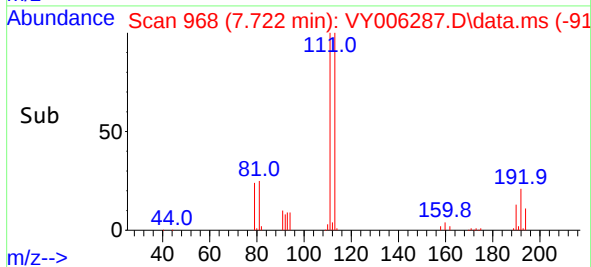
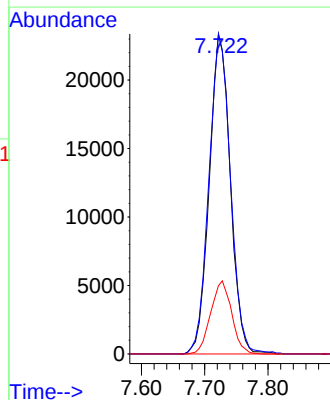
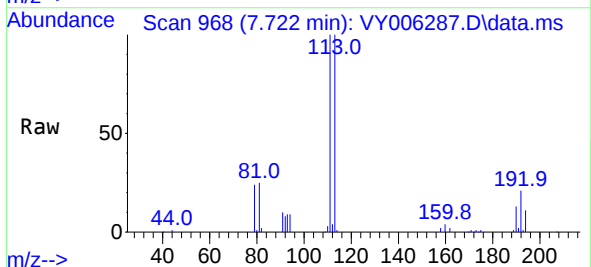
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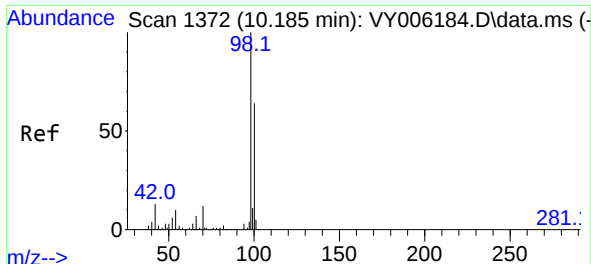
Tgt Ion:	114	Resp:	179400
Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	43.2
88	14.8	0.0	31.8



#35
Dibromofluoromethane
Concen: 56.21 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006287.D
Acq: 04 Oct 2021 19:28

Tgt Ion:	113	Resp:	53872
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	124.0
192	22.8	17.6	26.4

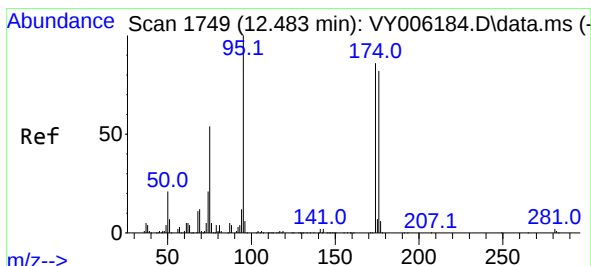
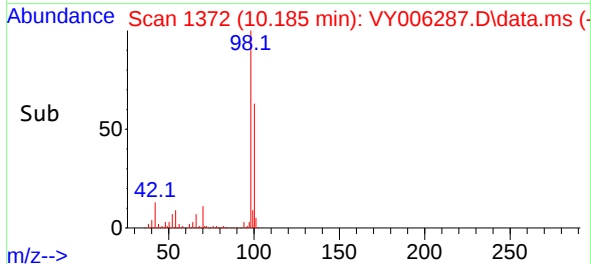
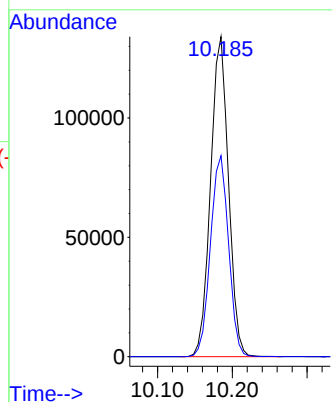
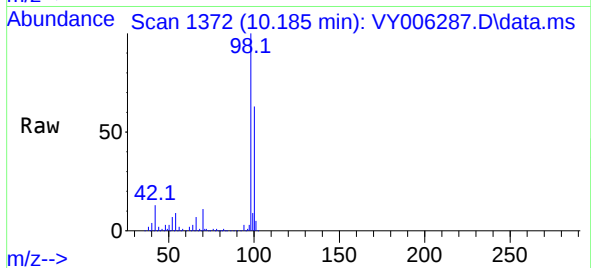




#50
Toluene-d8
Concen: 55.59 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006287.D
Acq: 04 Oct 2021 19:28

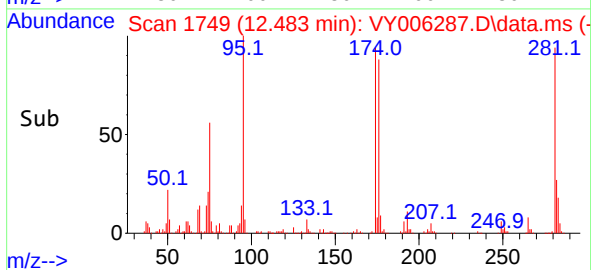
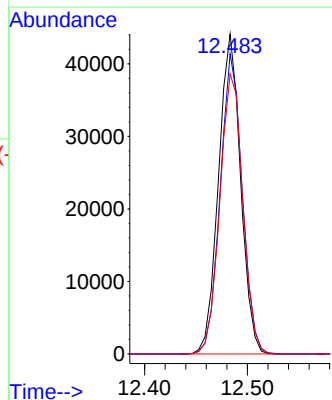
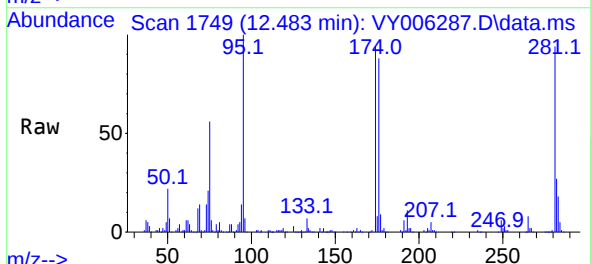
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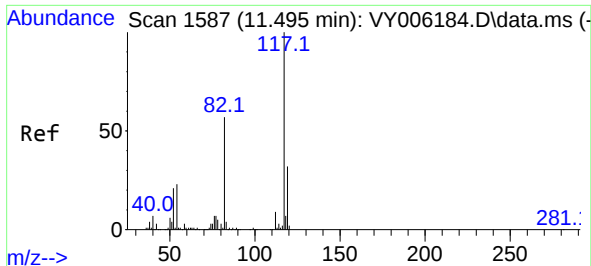
Tgt Ion: 98 Resp: 222978
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.21 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006287.D
Acq: 04 Oct 2021 19:28

Tgt Ion: 95 Resp: 65699
Ion Ratio Lower Upper
95 100
174 93.5 0.0 177.0
176 90.6 0.0 175.8

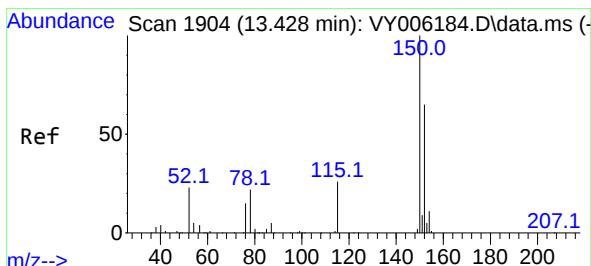
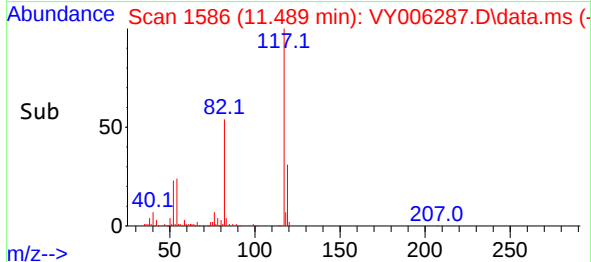
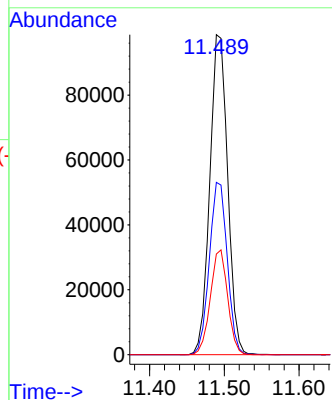
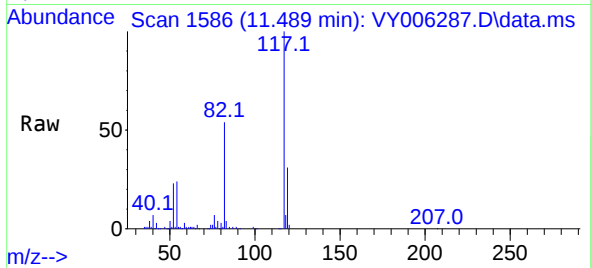




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006287.D
Acq: 04 Oct 2021 19:28

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Tgt Ion:117 Resp: 163344
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.4
119 31.4 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: VY006287.D
Acq: 04 Oct 2021 19:28

Tgt Ion:152 Resp: 67427
Ion Ratio Lower Upper
152 100
115 54.1 28.2 84.7
150 155.0 0.0 347.6

