

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082021\
 Data File : VY005792.D
 Acq On : 20 Aug 2021 14:55
 Operator : SY/MD
 Sample : M3467-16
 Misc : 2.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-3-(171.00)-VOC-GRAB

Quant Time: Aug 23 01:07:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	178457	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	295319	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	276454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103478	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	118589	65.648	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.300%
35) Dibromofluoromethane	7.728	113	93551	56.580	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.160%
50) Toluene-d8	10.185	98	378546	54.590	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.180%
62) 4-Bromofluorobenzene	12.483	95	105781	46.066	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.140%

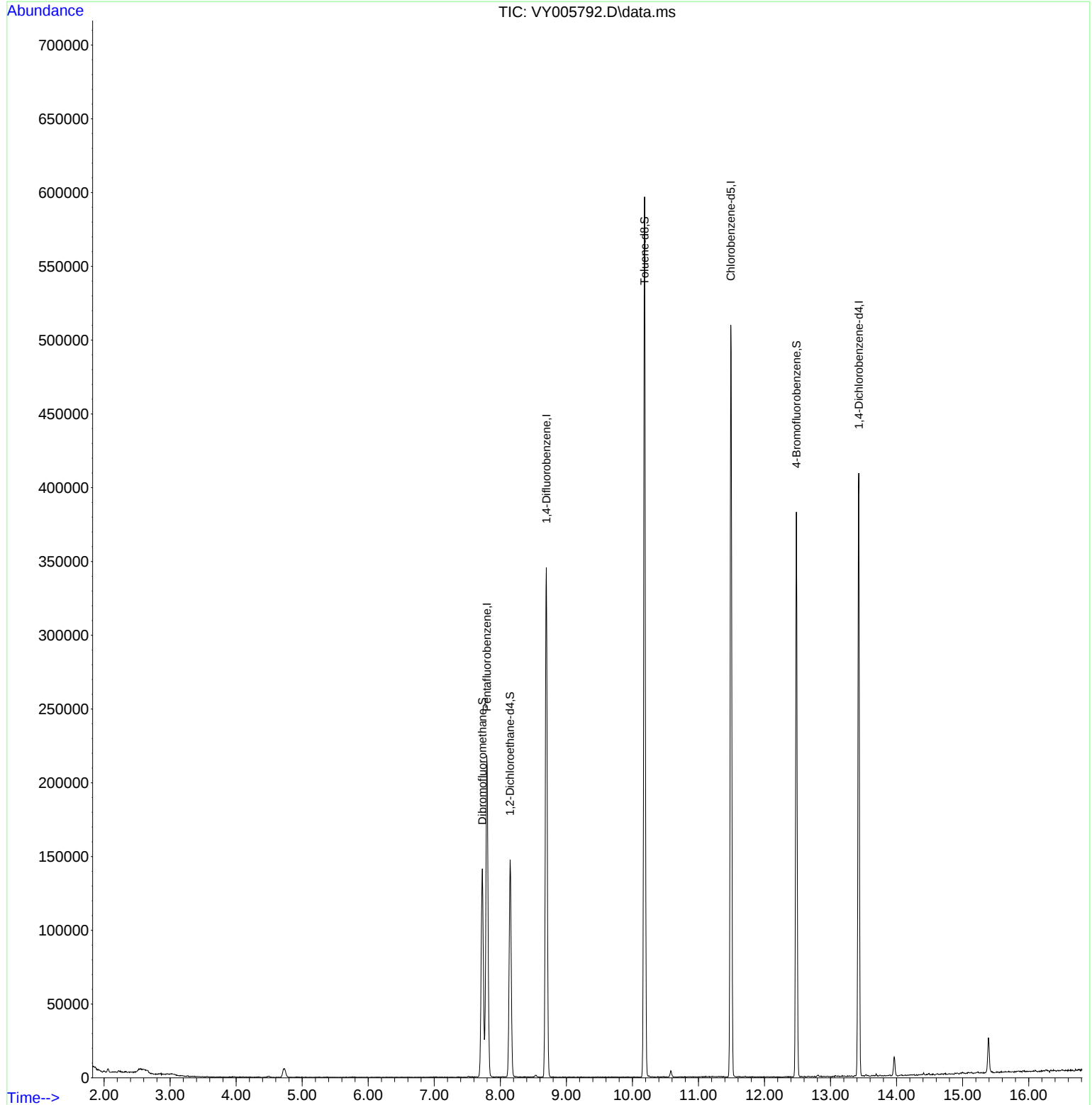
Target Compounds	Qvalue

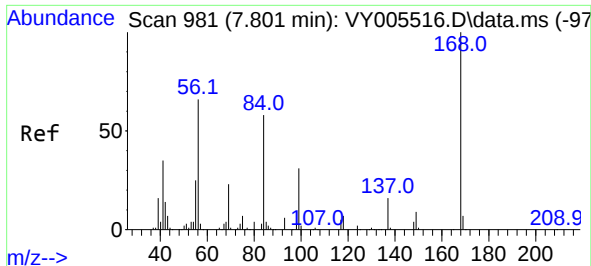
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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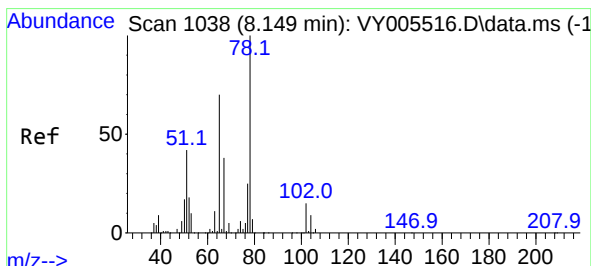
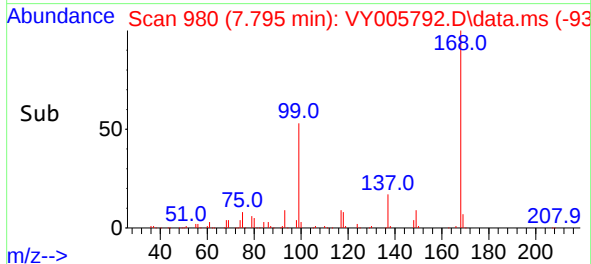
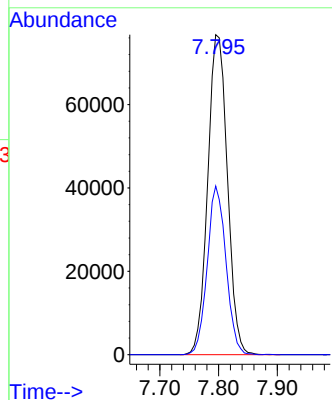
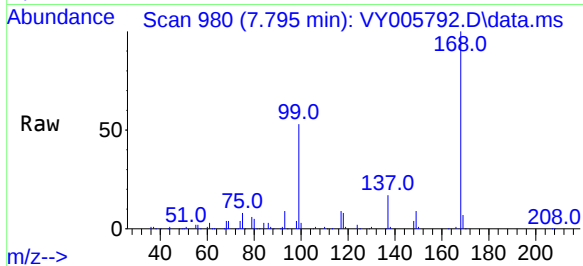




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005792.D
Acq: 20 Aug 2021 14:55

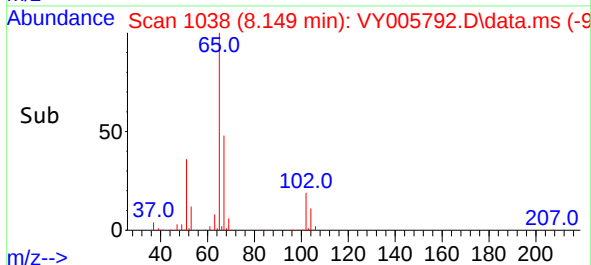
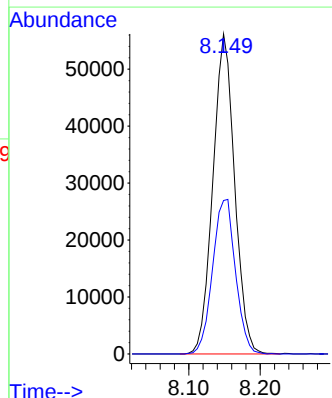
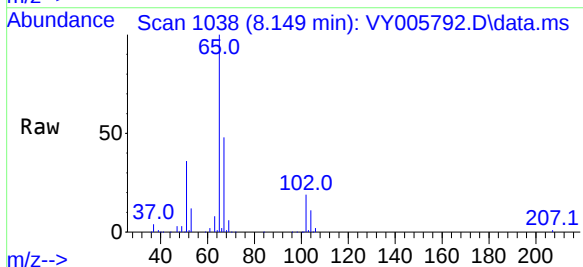
Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-3-(171.00)-VOC-GRAB

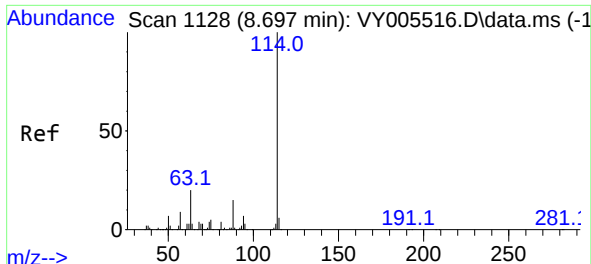
Tgt Ion:168 Resp: 178457
Ion Ratio Lower Upper
168 100
99 52.7 38.9 58.3



#33
1,2-Dichloroethane-d4
Concen: 65.648 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005792.D
Acq: 20 Aug 2021 14:55

Tgt Ion: 65 Resp: 118589
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.4

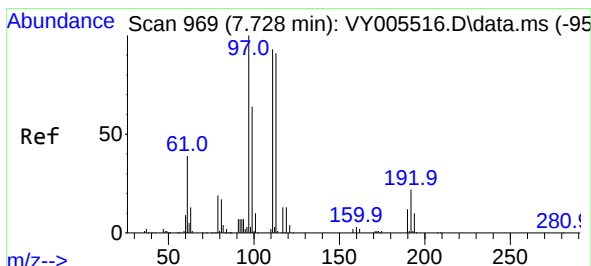
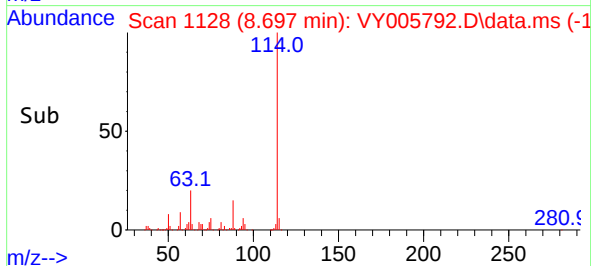
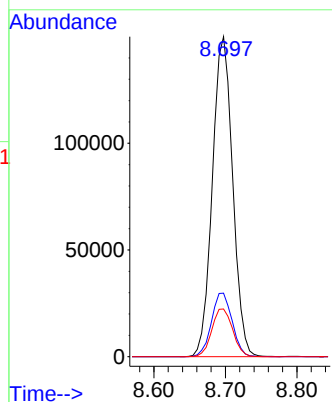
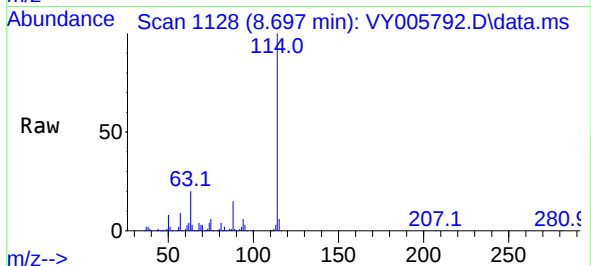




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005792.D
Acq: 20 Aug 2021 14:55

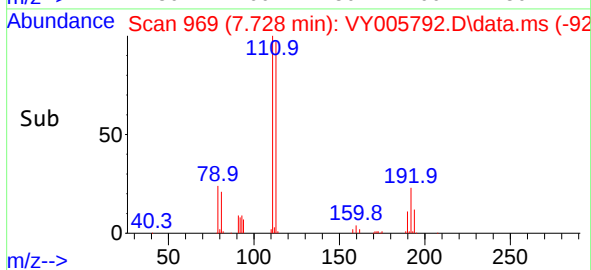
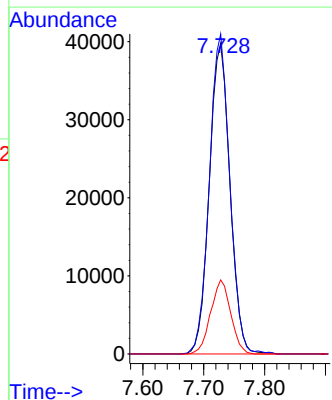
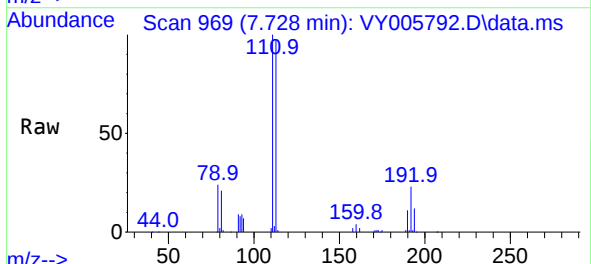
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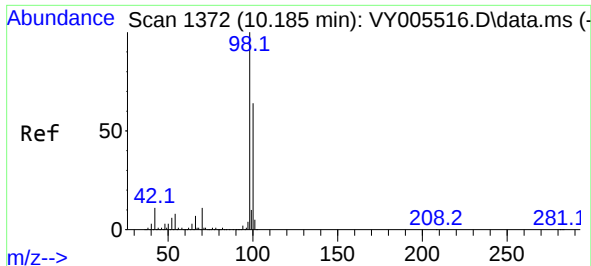
Tgt Ion:	114	Resp:	295319
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.2
88	14.9	0.0	30.8



#35
Dibromofluoromethane
Concen: 56.580 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005792.D
Acq: 20 Aug 2021 14:55

Tgt Ion:	113	Resp:	93551
Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.9	122.9
192	23.2	19.2	28.8

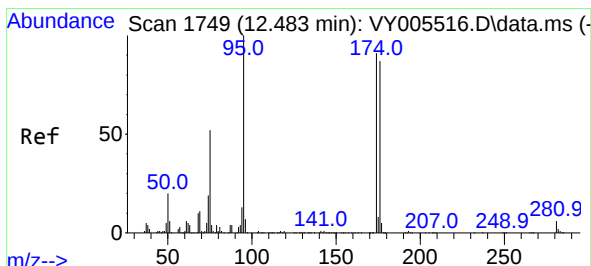
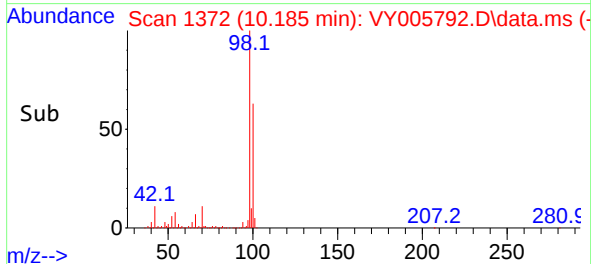
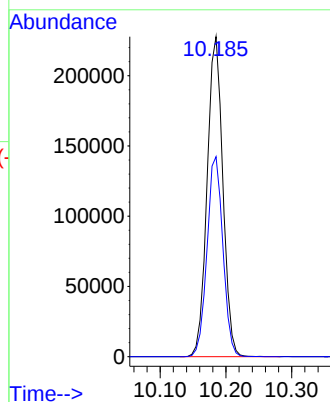
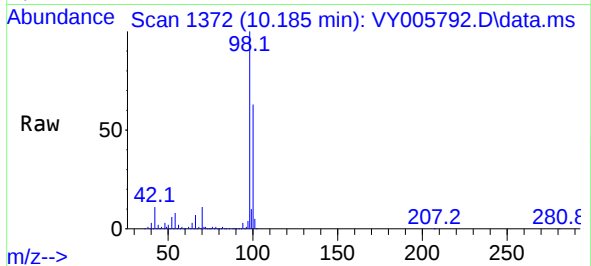




#50
Toluene-d8
Concen: 54.590 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005792.D
Acq: 20 Aug 2021 14:55

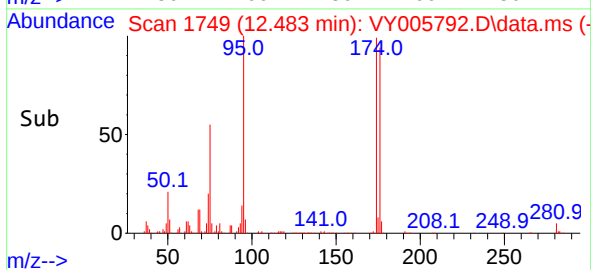
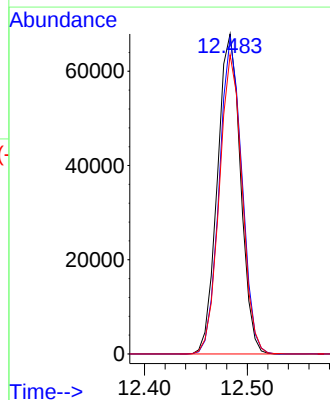
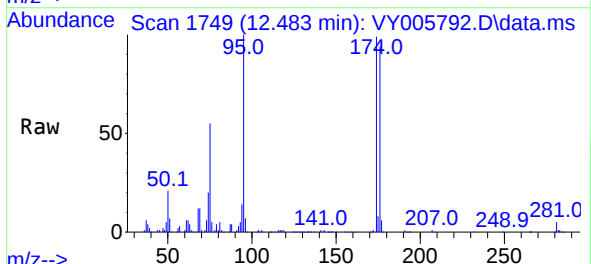
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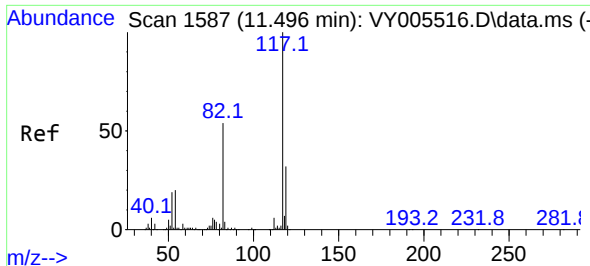
Tgt Ion: 98 Resp: 378546
Ion Ratio Lower Upper
98 100
100 63.1 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 46.066 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005792.D
Acq: 20 Aug 2021 14:55

Tgt Ion: 95 Resp: 105781
Ion Ratio Lower Upper
95 100
174 96.4 0.0 191.4
176 92.0 0.0 183.6

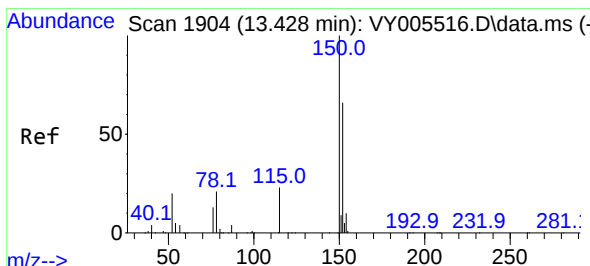
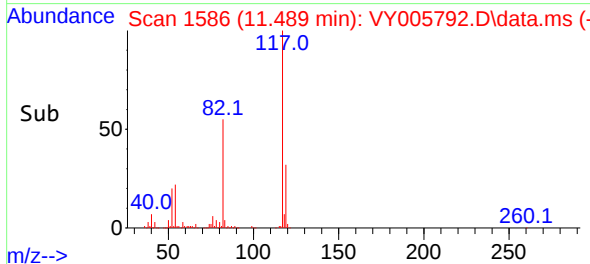
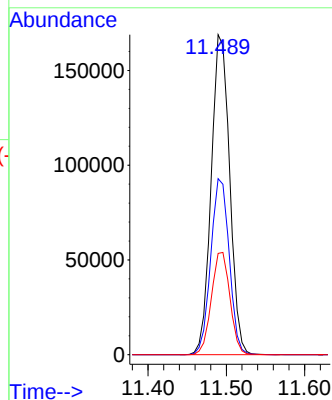
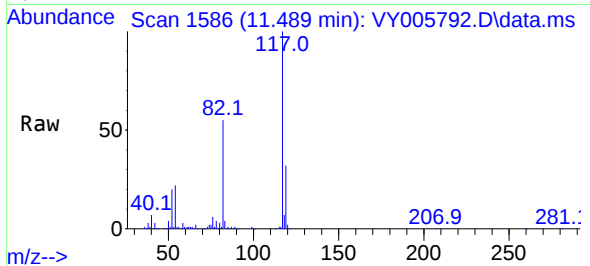




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005792.D
Acq: 20 Aug 2021 14:55

Instrument :
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Tgt Ion:117 Resp: 276454
Ion Ratio Lower Upper
117 100
82 55.0 43.5 65.3
119 31.6 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: VY005792.D
Acq: 20 Aug 2021 14:55

Tgt Ion:152 Resp: 103478
Ion Ratio Lower Upper
152 100
115 55.0 27.3 81.9
150 158.5 0.0 350.2

