

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081321\
 Data File : VY005636.D
 Acq On : 13 Aug 2021 16:06
 Operator : SY/MD
 Sample : M3404-07
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP3-1-6FT

Quant Time: Aug 14 03:35:59 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	4796	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	9404	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	9401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	3386	69.746	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.500%	
35) Dibromofluoromethane	7.716	113	1963	37.283	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 74.560%	
50) Toluene-d8	10.185	98	11581	52.447	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.900%	
62) 4-Bromofluorobenzene	12.483	95	3350	45.814	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.620%	

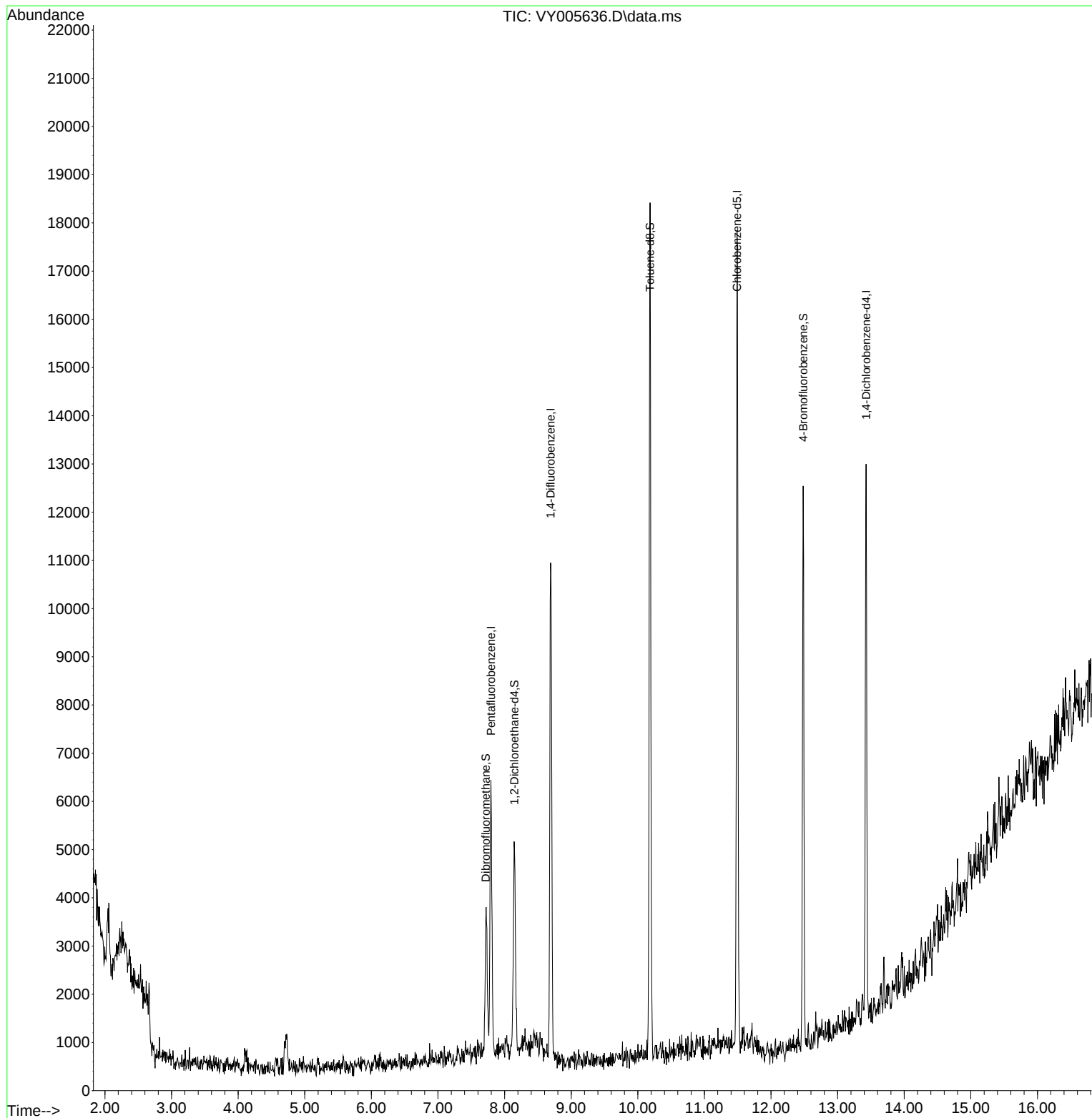
Target Compounds	Qvalue

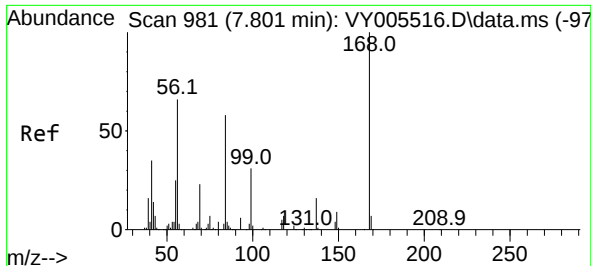
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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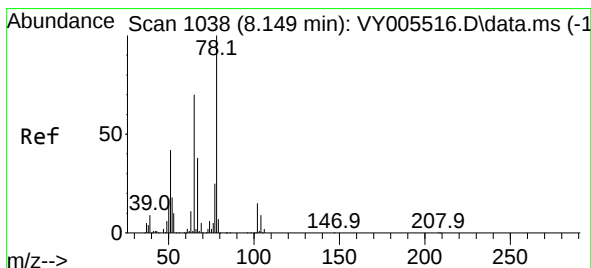
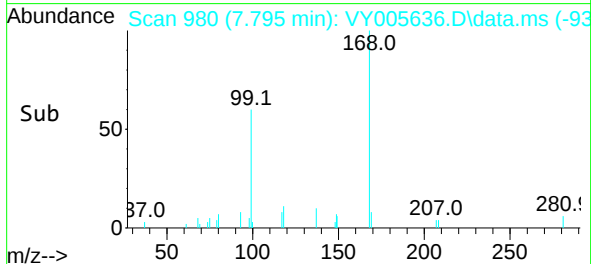
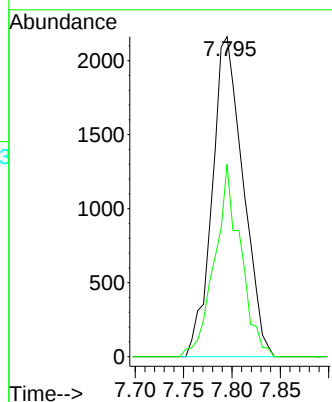
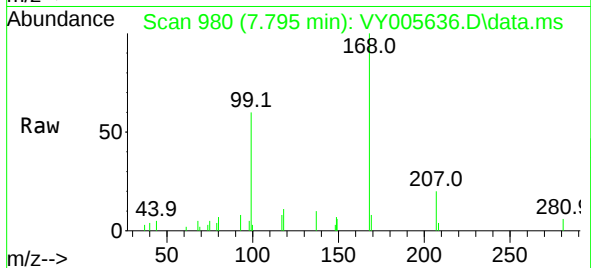




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005636.D
Acq: 13 Aug 2021 16:06

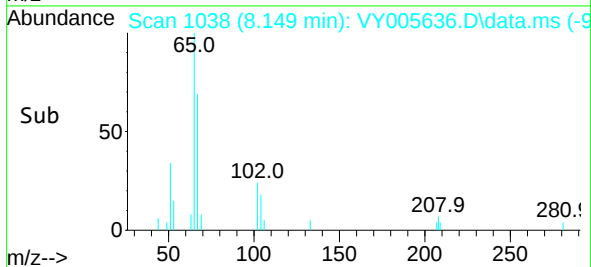
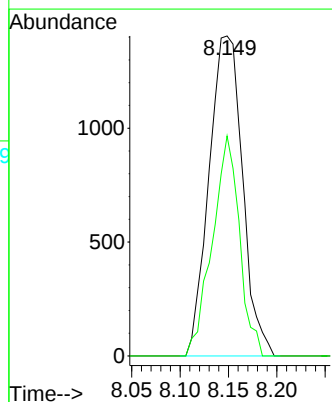
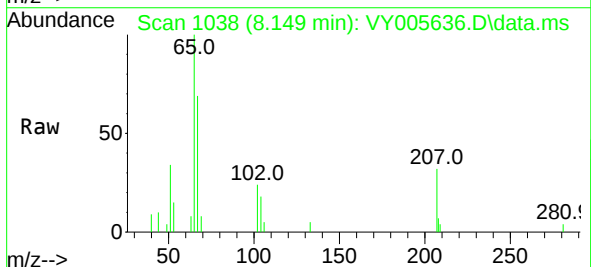
Instrument :
MSVOA_Y
ClientSampleId :
TP3-1-6FT

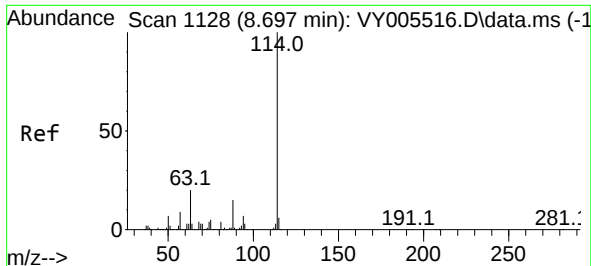
Tgt Ion:168 Resp: 4796
Ion Ratio Lower Upper
168 100
99 60.1 38.9 58.3#



#33
1,2-Dichloroethane-d4
Concen: 69.746 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005636.D
Acq: 13 Aug 2021 16:06

Tgt Ion: 65 Resp: 3386
Ion Ratio Lower Upper
65 100
67 55.7 0.0 103.4

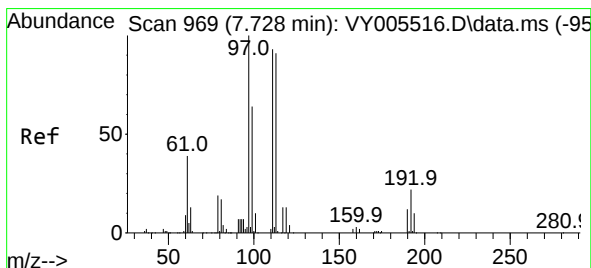
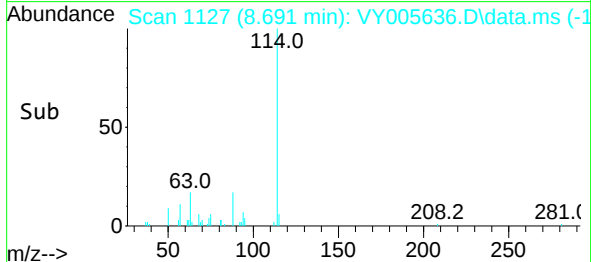
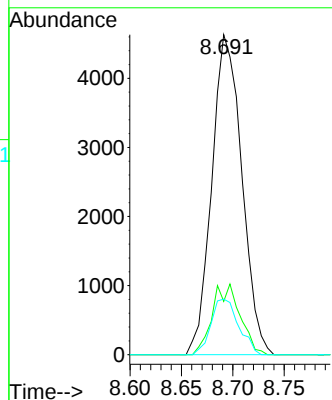
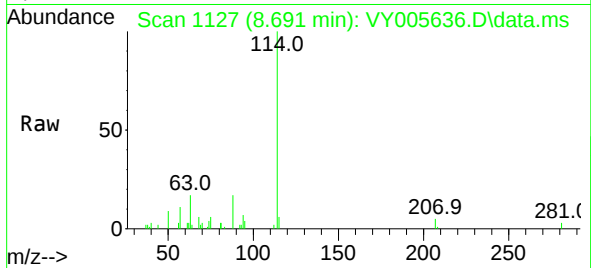




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY005636.D
Acq: 13 Aug 2021 16:06

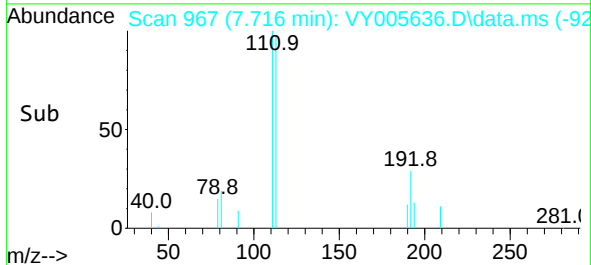
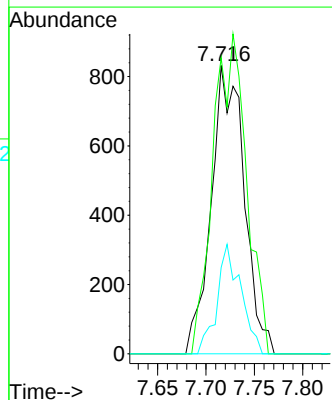
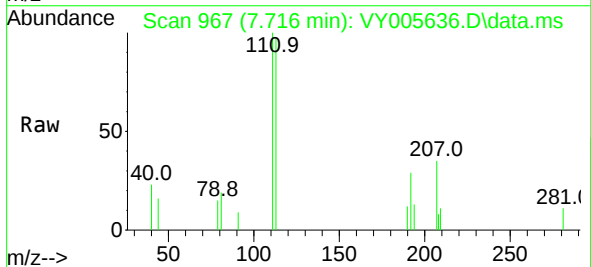
Instrument :
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TP3-1-6FT

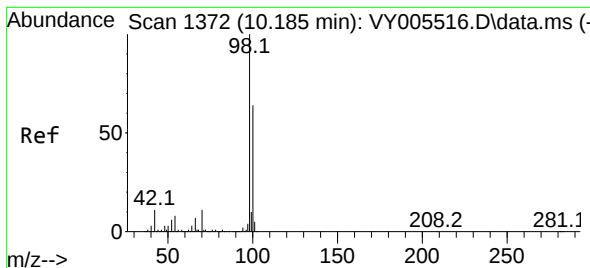
Tgt Ion:114 Resp: 9404
Ion Ratio Lower Upper
114 100
63 16.6 0.0 39.2
88 17.3 0.0 30.8



#35
Dibromofluoromethane
Concen: 37.283 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.012 min
Lab File: VY005636.D
Acq: 13 Aug 2021 16:06

Tgt Ion:113 Resp: 1963
Ion Ratio Lower Upper
113 100
111 113.2 81.9 122.9
192 27.6 19.2 28.8

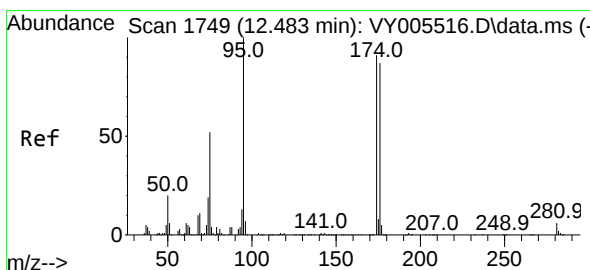
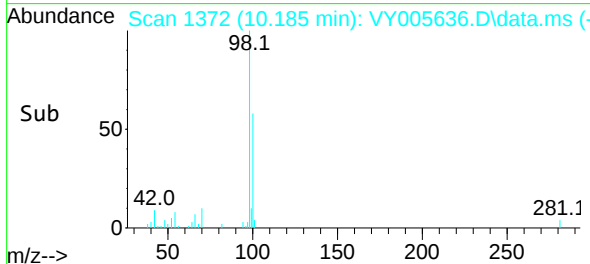
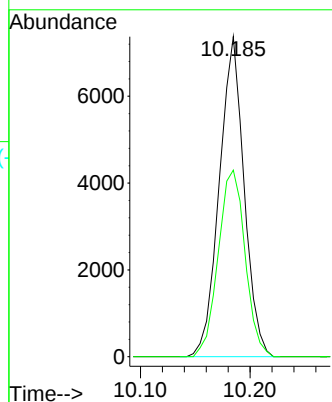
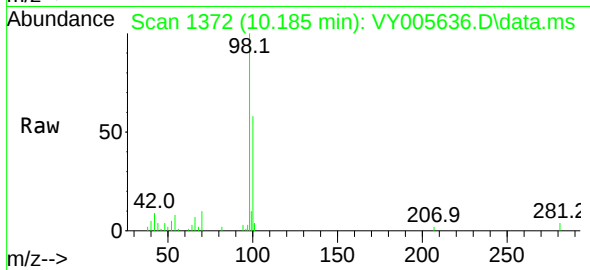




#50
Toluene-d8
Concen: 52.447 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005636.D
Acq: 13 Aug 2021 16:06

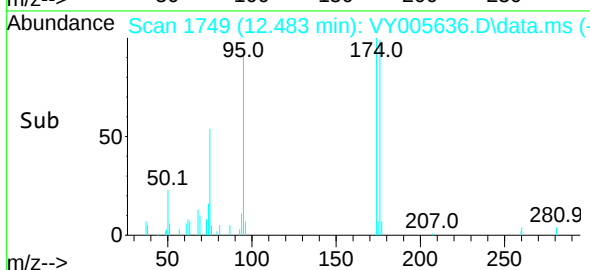
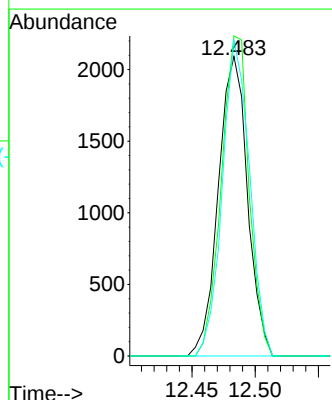
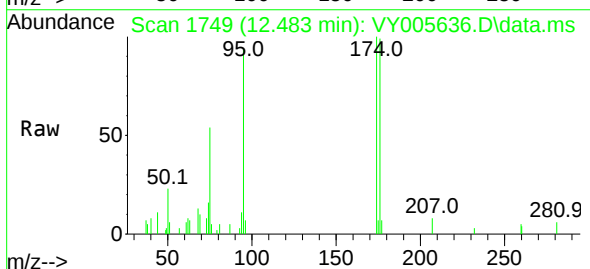
Instrument :
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TP3-1-6FT

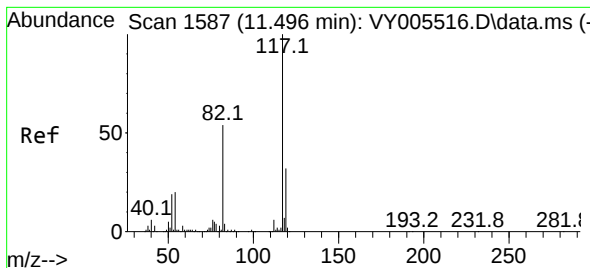
Tgt Ion: 98 Resp: 11581
Ion Ratio Lower Upper
98 100
100 63.2 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 45.814 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005636.D
Acq: 13 Aug 2021 16:06

Tgt Ion: 95 Resp: 3350
Ion Ratio Lower Upper
95 100
174 101.6 0.0 191.4
176 98.2 0.0 183.6

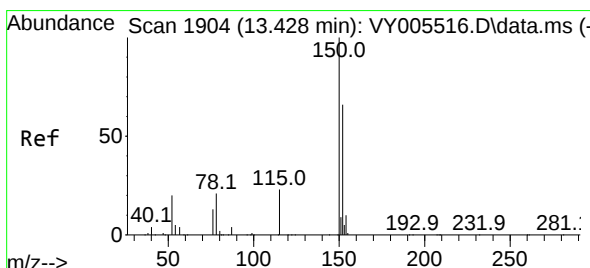
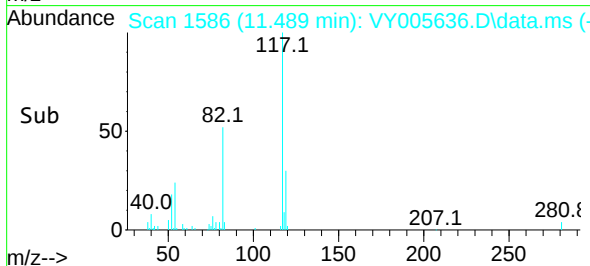
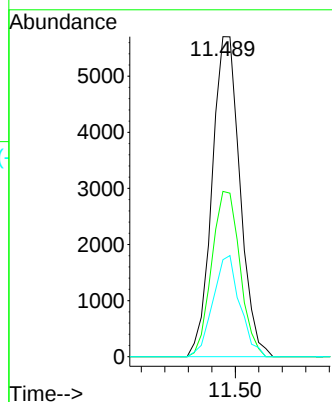
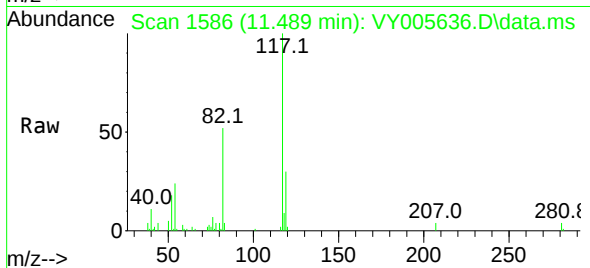




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005636.D
Acq: 13 Aug 2021 16:06

Instrument :
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Tgt Ion:	117	Resp:	9401
Ion	Ratio	Lower	Upper
117	100		
82	51.6	43.5	65.3
119	30.3	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: VY005636.D
Acq: 13 Aug 2021 16:06

Tgt Ion:	152	Resp:	3074
Ion	Ratio	Lower	Upper
152	100		
115	60.1	27.3	81.9
150	151.5	0.0	350.2

