

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041921\
 Data File : VY004500.D
 Acq On : 19 Apr 2021 16:01
 Operator : SY/MD
 Sample : M2075-16
 Misc : 6.12G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4-D

Quant Time: Apr 20 01:49:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	135349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	235839	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	221871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	102021	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	87395	58.12	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.24%
35) Dibromofluoromethane	7.728	113	72447	55.35	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.70%
50) Toluene-d8	10.185	98	290868	52.25	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.50%
62) 4-Bromofluorobenzene	12.483	95	100895	53.41	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.82%

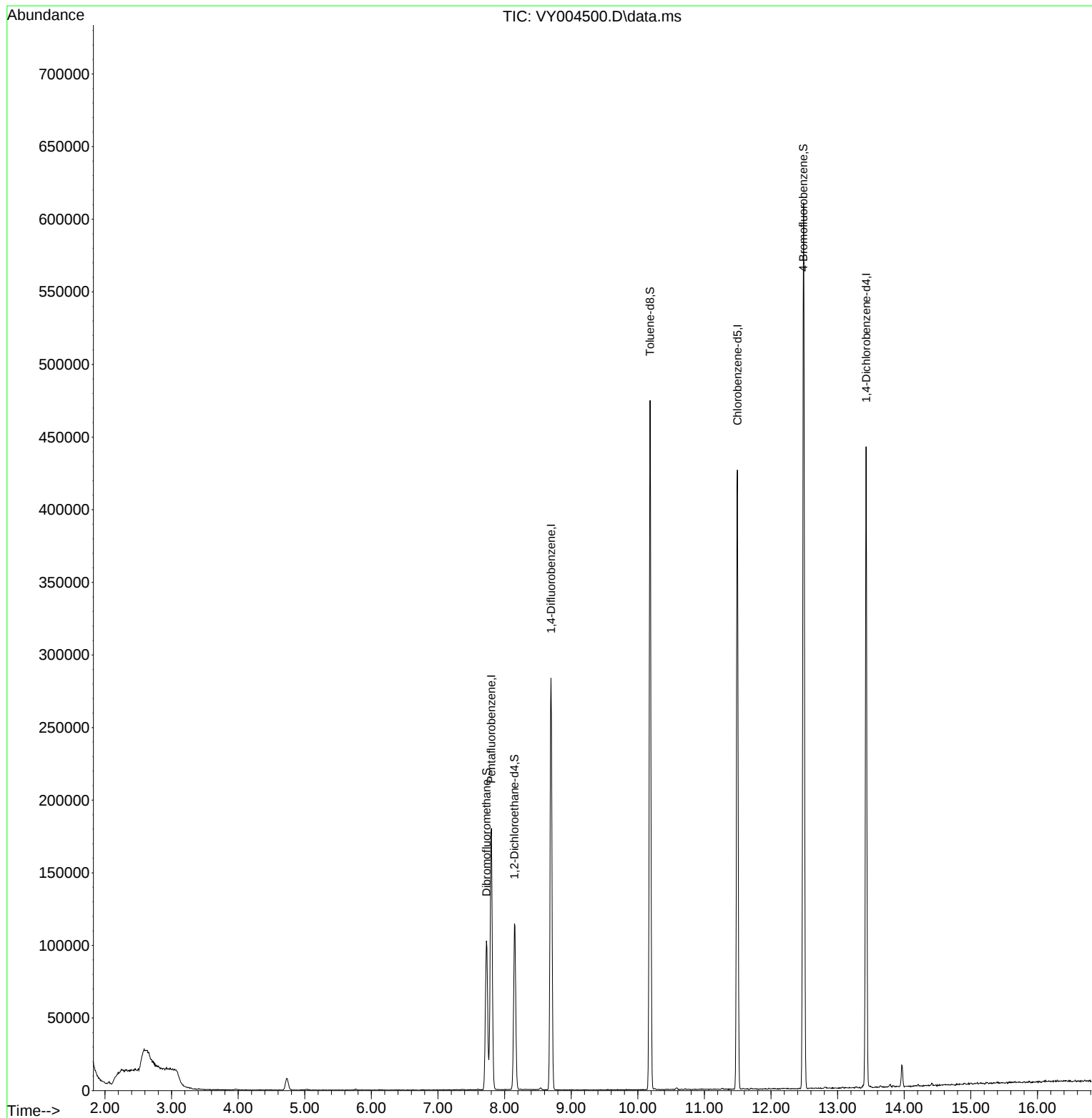
Target Compounds	Qvalue

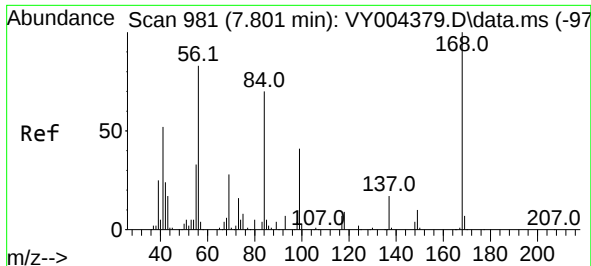
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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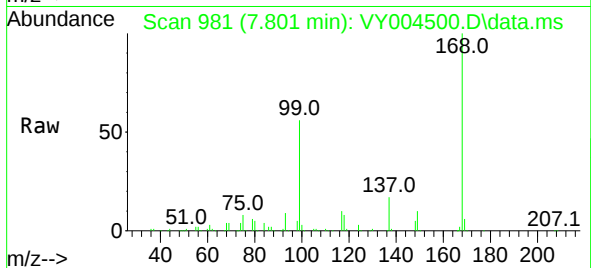
Quant Time: Apr 20 01:49:16 2021
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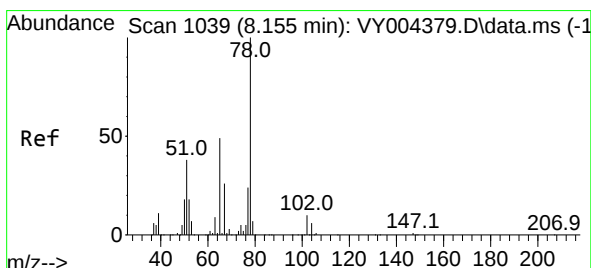
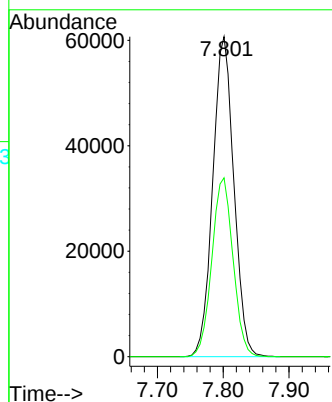
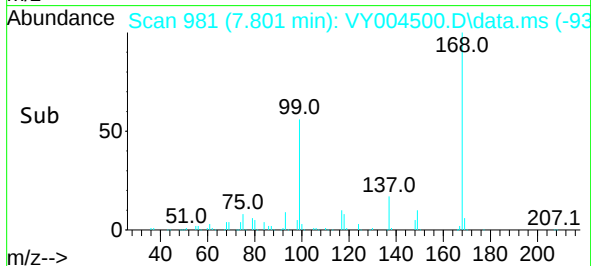


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004500.D
Acq: 19 Apr 2021 16:01

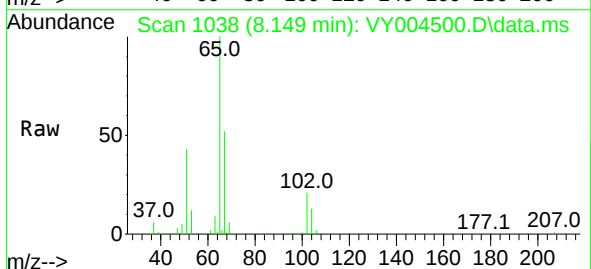
Instrument :
MSVOA_Y
ClientSampleId :
TP-4-D



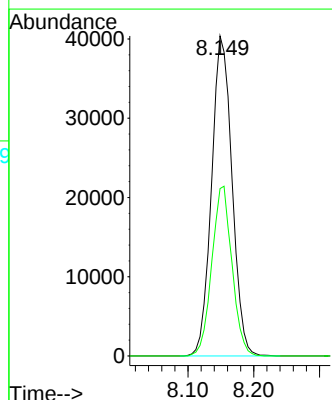
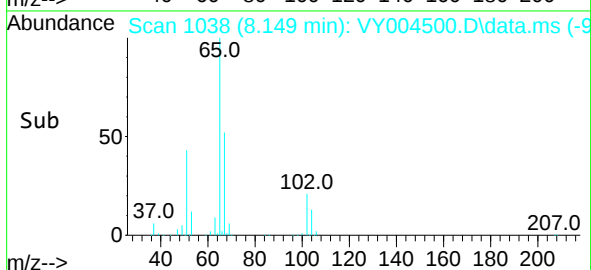
Tgt Ion:168 Resp: 135349
Ion Ratio Lower Upper
168 100
99 55.9 45.5 68.3

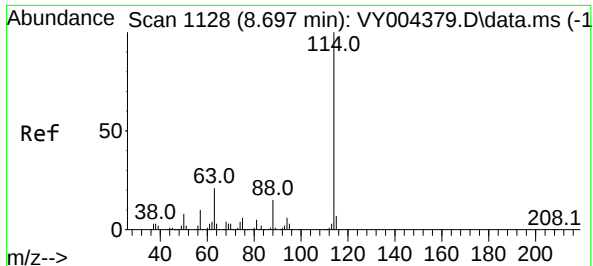


#33
1,2-Dichloroethane-d4
Concen: 58.12 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004500.D
Acq: 19 Apr 2021 16:01



Tgt Ion: 65 Resp: 87395
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.4

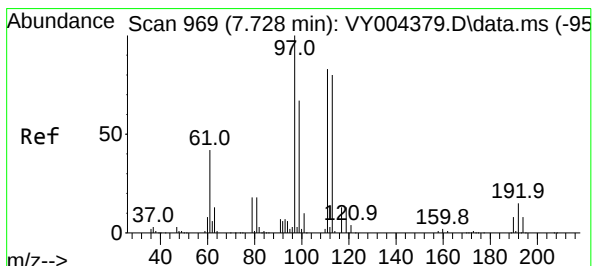
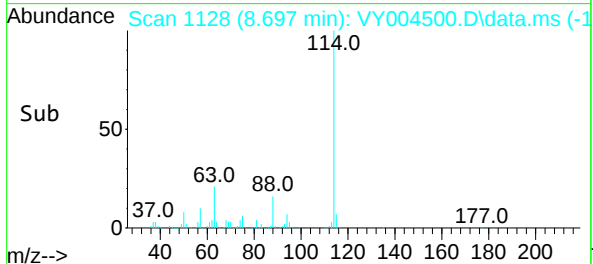
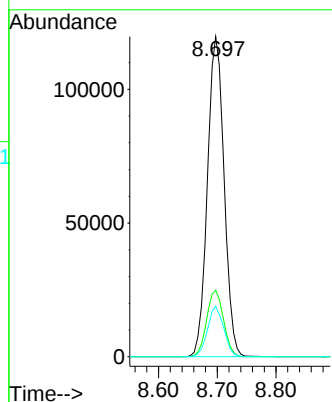
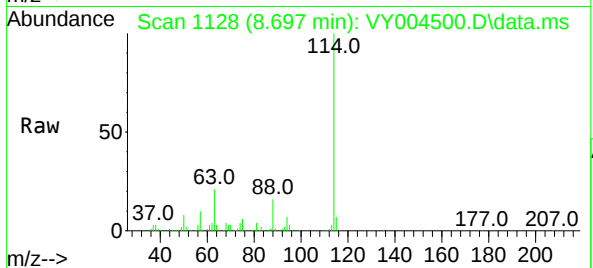




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004500.D
Acq: 19 Apr 2021 16:01

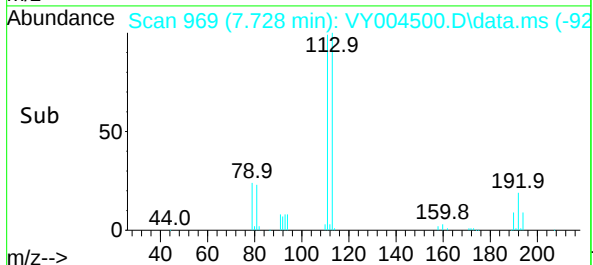
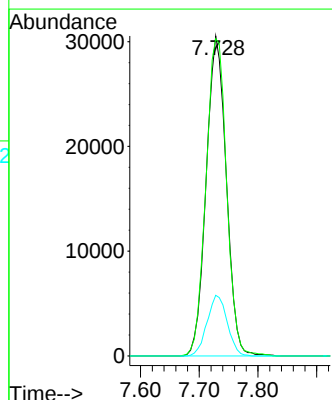
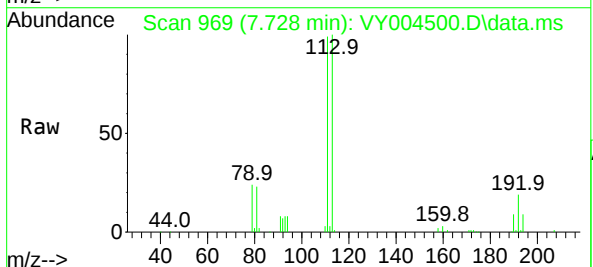
Instrument :
MSVOA_Y
ClientSampleId :
TP-4-D

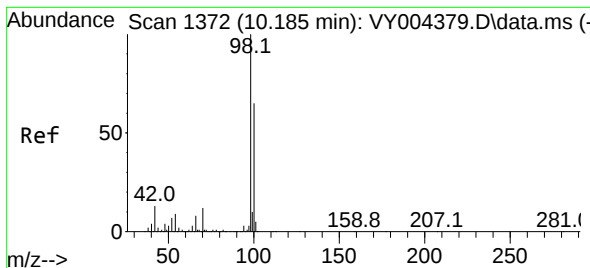
Tgt Ion:114 Resp: 235839
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.4
88 15.8 0.0 30.8



#35
Dibromofluoromethane
Concen: 55.35 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004500.D
Acq: 19 Apr 2021 16:01

Tgt Ion:113 Resp: 72447
Ion Ratio Lower Upper
113 100
111 102.1 82.6 123.8
192 19.0 16.1 24.1

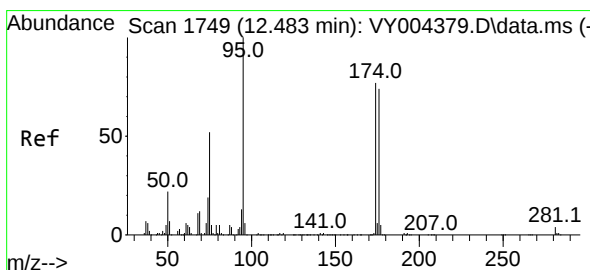
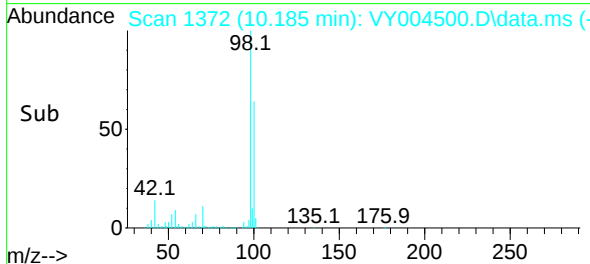
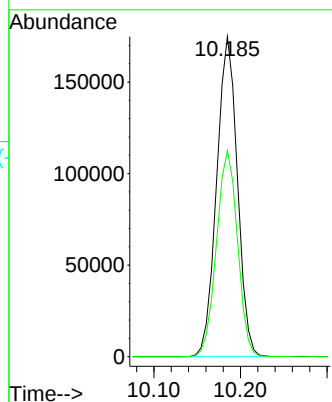
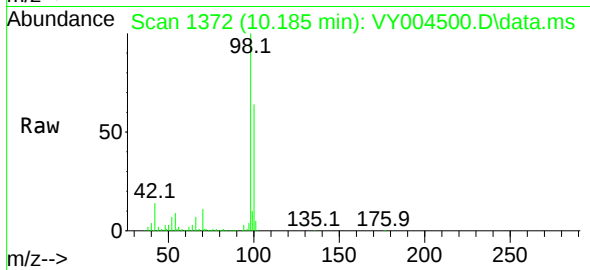




#50
Toluene-d8
Concen: 52.25 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004500.D
Acq: 19 Apr 2021 16:01

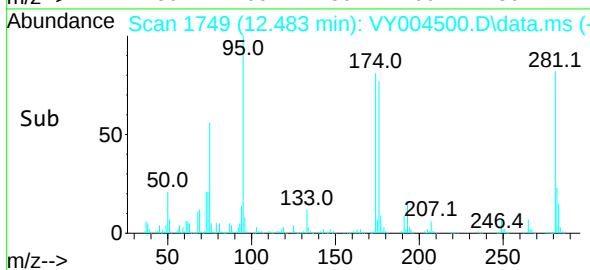
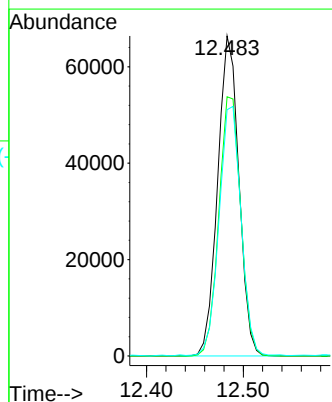
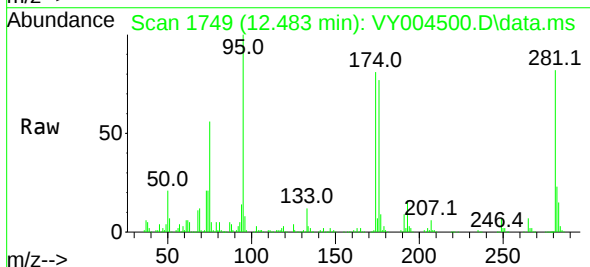
Instrument :
MSVOA_Y
ClientSampled :
TP-4-D

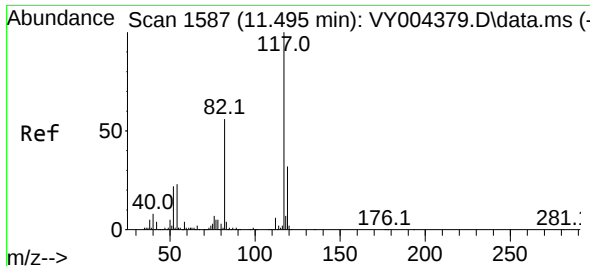
Tgt Ion: 98 Resp: 290868
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 53.41 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004500.D
Acq: 19 Apr 2021 16:01

Tgt Ion: 95 Resp: 100895
Ion Ratio Lower Upper
95 100
174 83.4 0.0 162.4
176 81.2 0.0 156.0

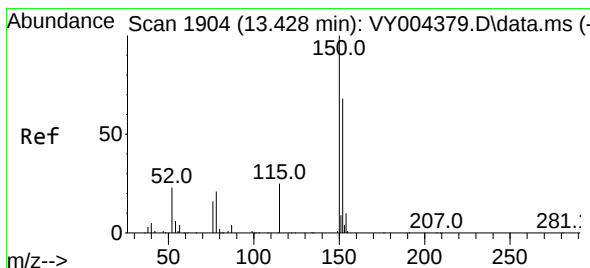
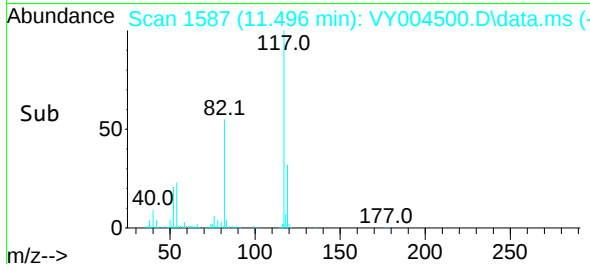
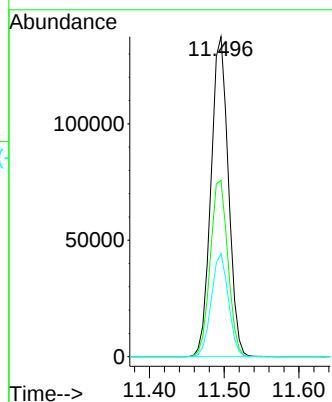
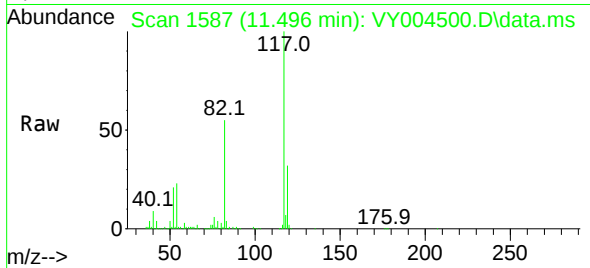




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004500.D
Acq: 19 Apr 2021 16:01

Instrument :
MSVOA_Y
ClientSampleId :
TP-4-D

Tgt Ion:117 Resp: 221871
Ion Ratio Lower Upper
117 100
82 55.1 44.9 67.3
119 32.2 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: VY004500.D
Acq: 19 Apr 2021 16:01

Tgt Ion:152 Resp: 102021
Ion Ratio Lower Upper
152 100
115 58.3 29.6 88.8
150 157.7 0.0 348.4

