

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040721\
 Data File : VY004318.D
 Acq On : 07 Apr 2021 16:28
 Operator : SY/MD
 Sample : M1963-08
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-4A

Quant Time: Apr 08 01:01:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:38:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	122617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	207400	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	186884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83344	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	72664	61.65	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.30%	
35) Dibromofluoromethane	7.734	113	62994	54.51	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.02%	
50) Toluene-d8	10.185	98	253863	58.41	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 116.82%	
62) 4-Bromofluorobenzene	12.483	95	81014	54.39	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.78%	

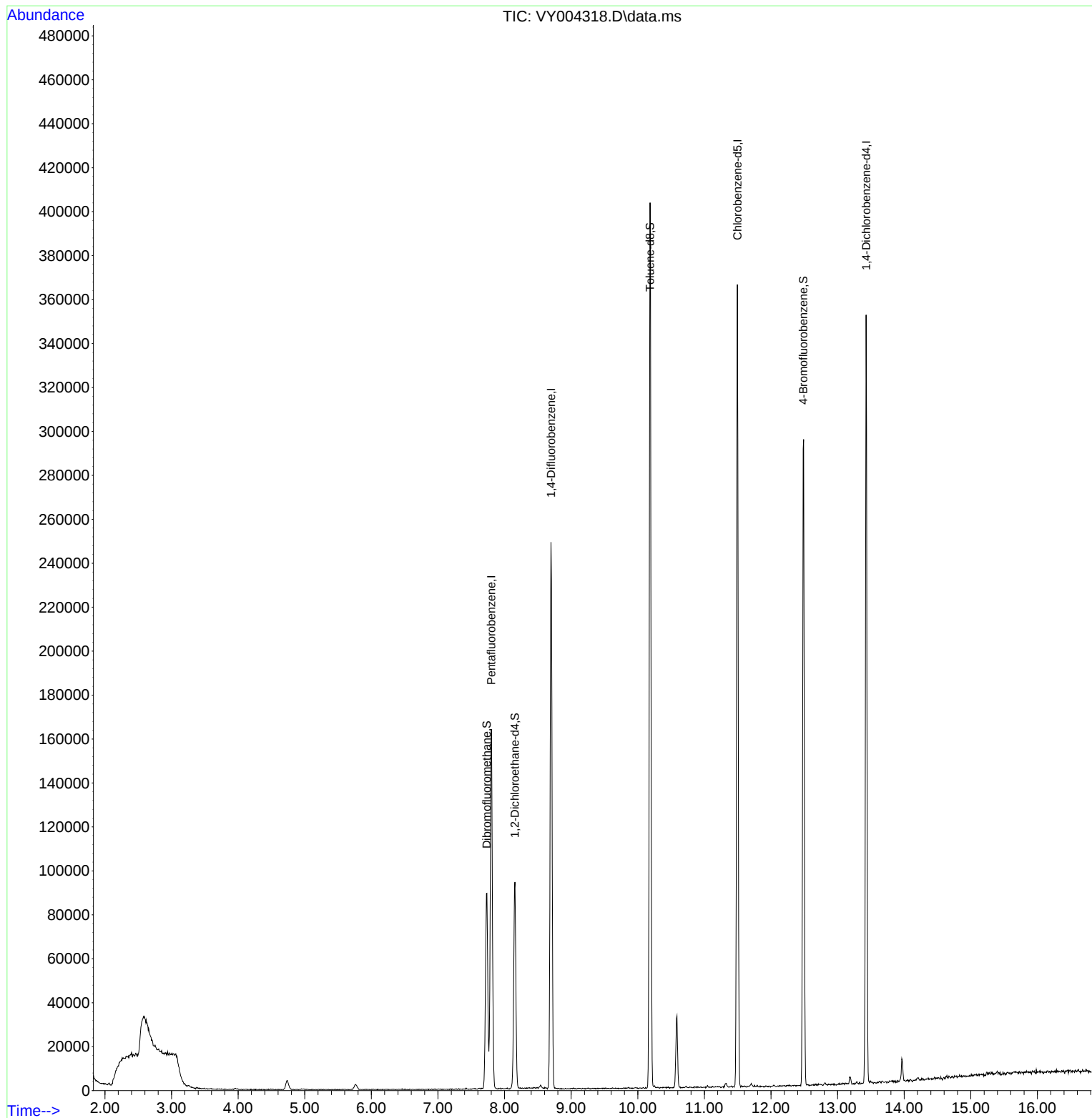
Target Compounds	Qvalue

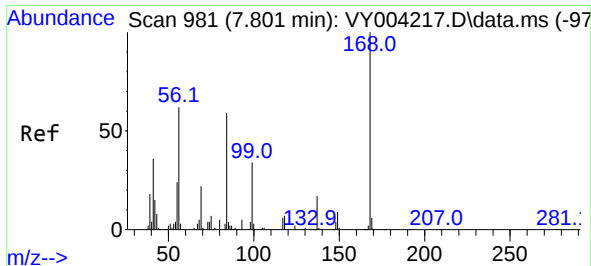
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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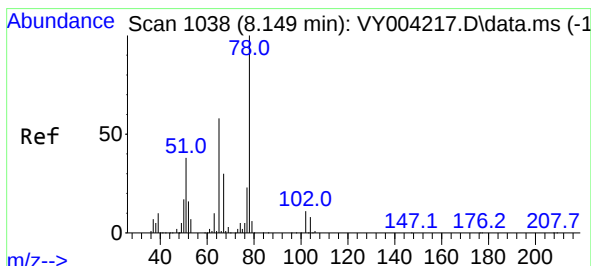
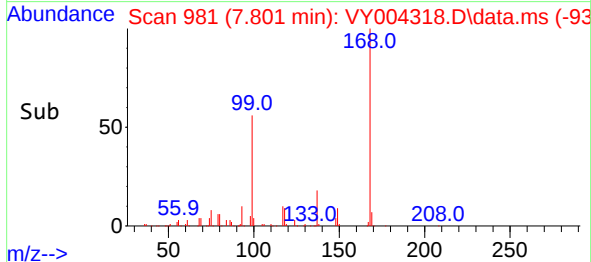
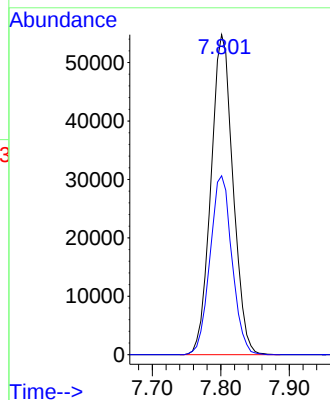
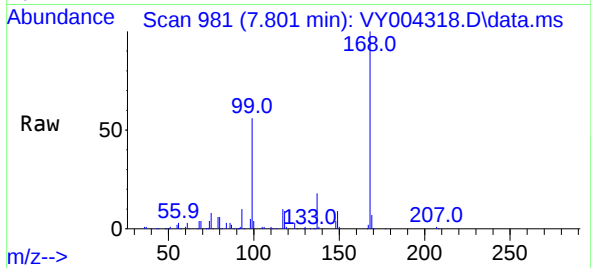




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004318.D
Acq: 07 Apr 2021 16:28

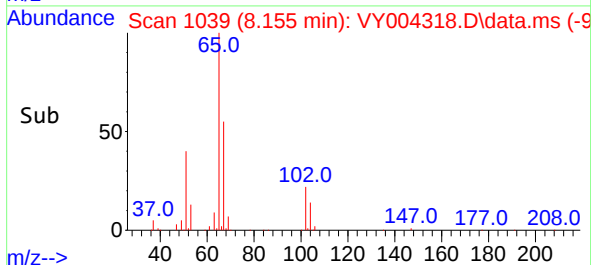
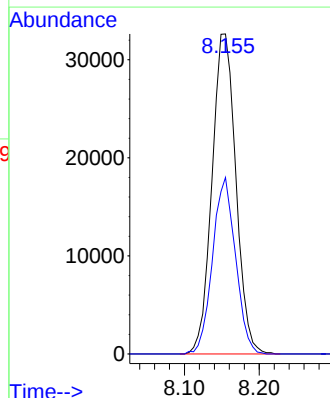
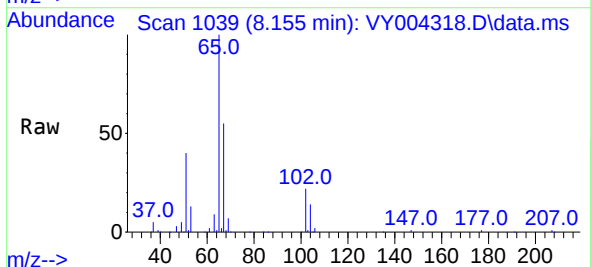
Instrument :
MSVOA_Y
ClientSampled :
S-4A

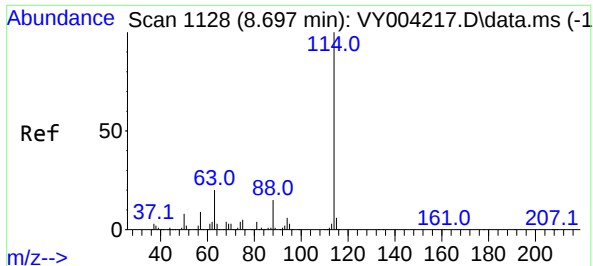
Tgt Ion:168 Resp: 122617
Ion Ratio Lower Upper
168 100
99 55.9 42.6 64.0



#33
1,2-Dichloroethane-d4
Concen: 61.65 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004318.D
Acq: 07 Apr 2021 16:28

Tgt Ion: 65 Resp: 72664
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.2

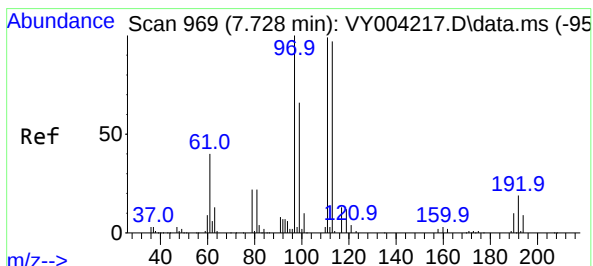
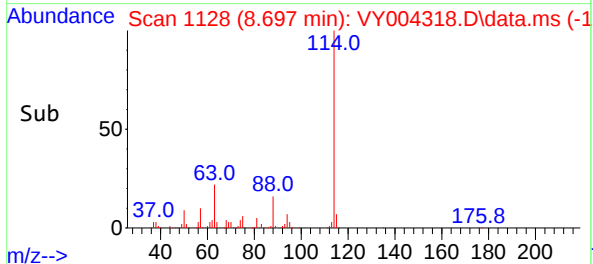
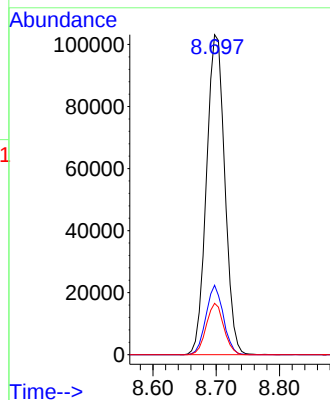
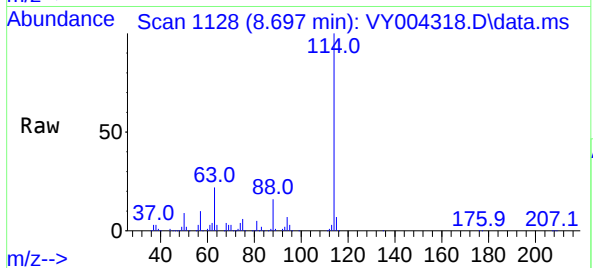




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004318.D
Acq: 07 Apr 2021 16:28

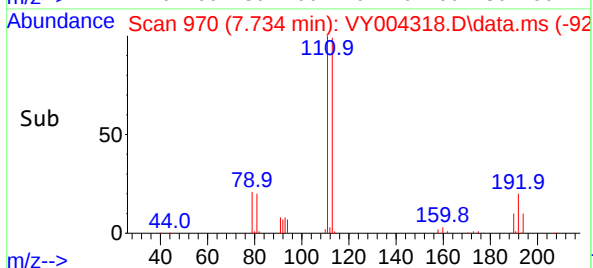
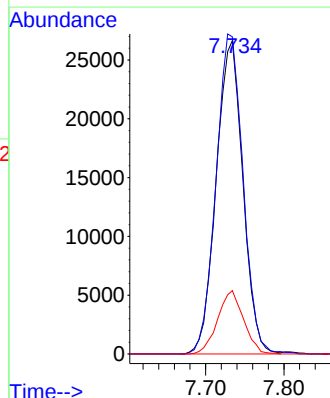
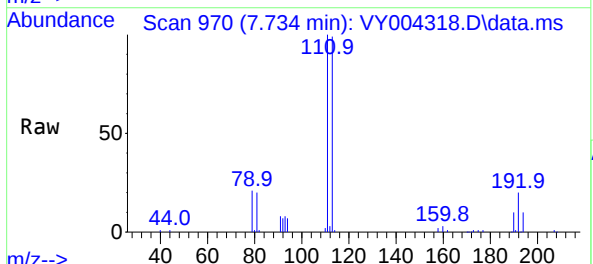
Instrument :
MSVOA_Y
ClientSampled :
S-4A

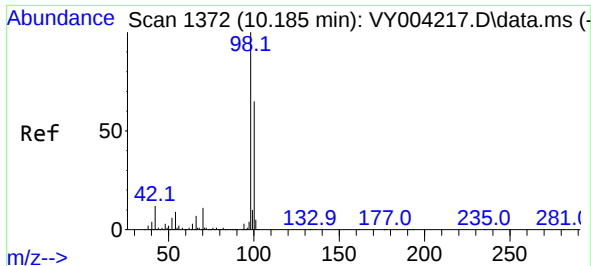
Tgt Ion:	114	Resp:	207400
Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	40.4
88	16.1	0.0	30.8



#35
Dibromofluoromethane
Concen: 54.51 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004318.D
Acq: 07 Apr 2021 16:28

Tgt Ion:	113	Resp:	62994
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.6	124.0
192	19.7	16.4	24.6

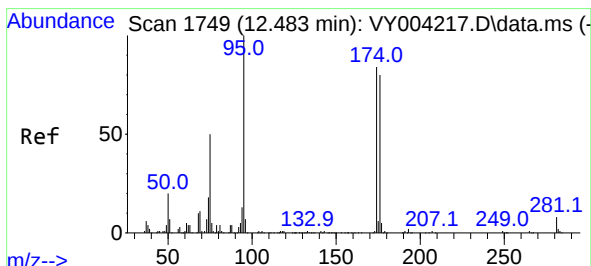
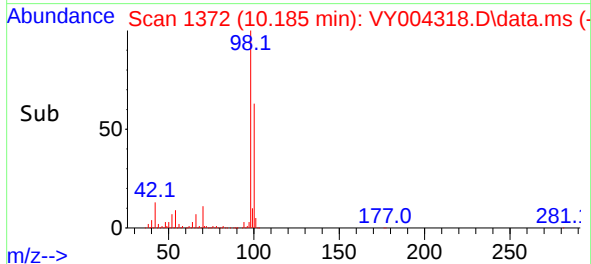
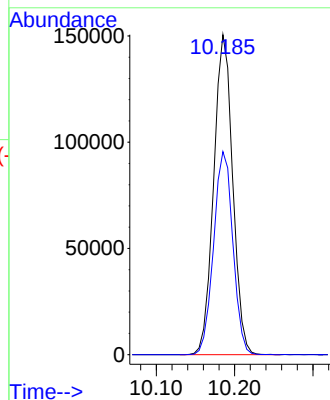
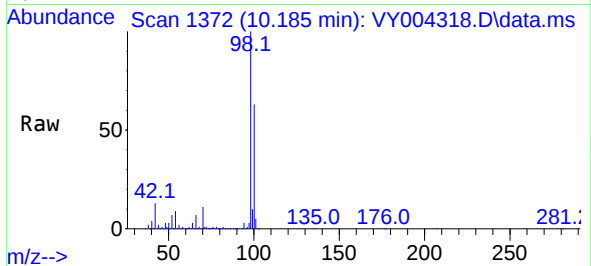




#50
Toluene-d8
Concen: 58.41 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004318.D
Acq: 07 Apr 2021 16:28

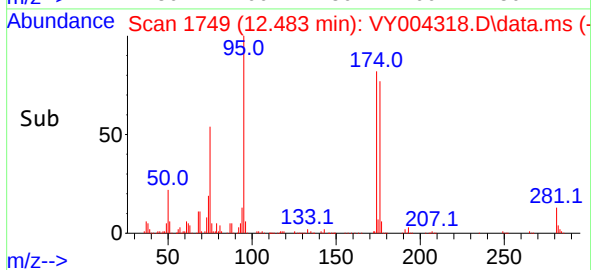
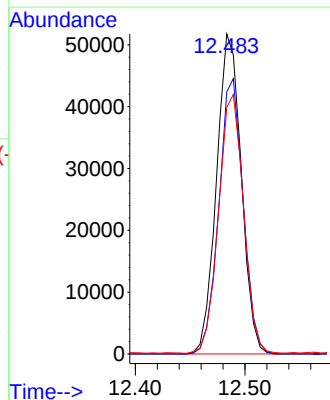
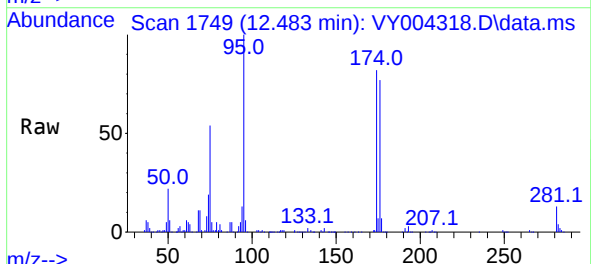
Instrument :
MSVOA_Y
ClientSampled :
S-4A

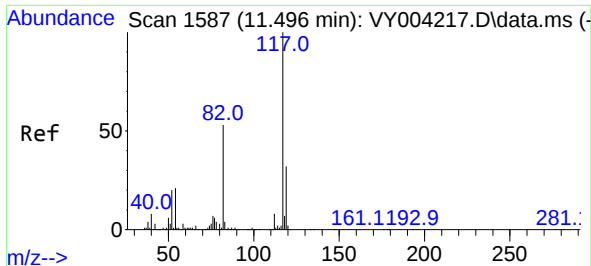
Tgt Ion: 98 Resp: 253863
Ion Ratio Lower Upper
98 100
100 64.3 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 54.39 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004318.D
Acq: 07 Apr 2021 16:28

Tgt Ion: 95 Resp: 81014
Ion Ratio Lower Upper
95 100
174 84.6 0.0 171.4
176 81.3 0.0 165.6

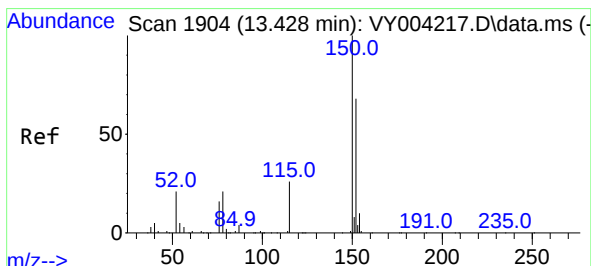
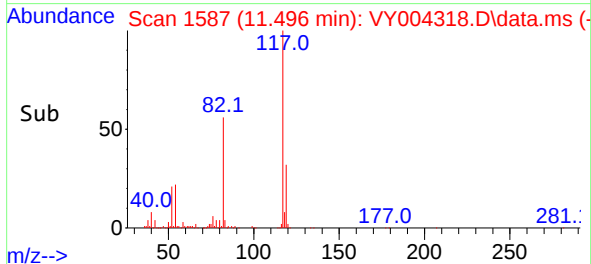
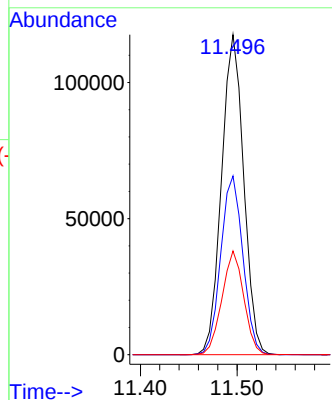
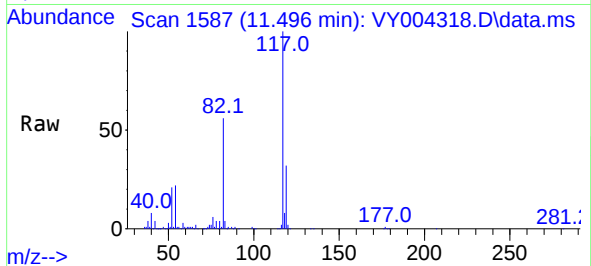




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004318.D
Acq: 07 Apr 2021 16:28

Instrument :
MSVOA_Y
ClientSampled :
S-4A

Tgt Ion:117 Resp: 186884
Ion Ratio Lower Upper
117 100
82 55.9 42.7 64.1
119 32.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004318.D
Acq: 07 Apr 2021 16:28

Tgt Ion:152 Resp: 83344
Ion Ratio Lower Upper
152 100
115 58.7 29.0 87.1
150 157.2 0.0 347.4

