

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040621\
 Data File : VY004296.D
 Acq On : 06 Apr 2021 12:43
 Operator : SY/MD
 Sample : M1934-05
 Misc : 6.41g/5mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Apr 07 00:58:55 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	184633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	325299	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	298382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130567	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	116277	65.51	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.02%
35) Dibromofluoromethane	7.728	113	98374	54.27	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.54%
50) Toluene-d8	10.185	98	394037	57.80	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.60%
62) 4-Bromofluorobenzene	12.483	95	131084	56.10	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.20%

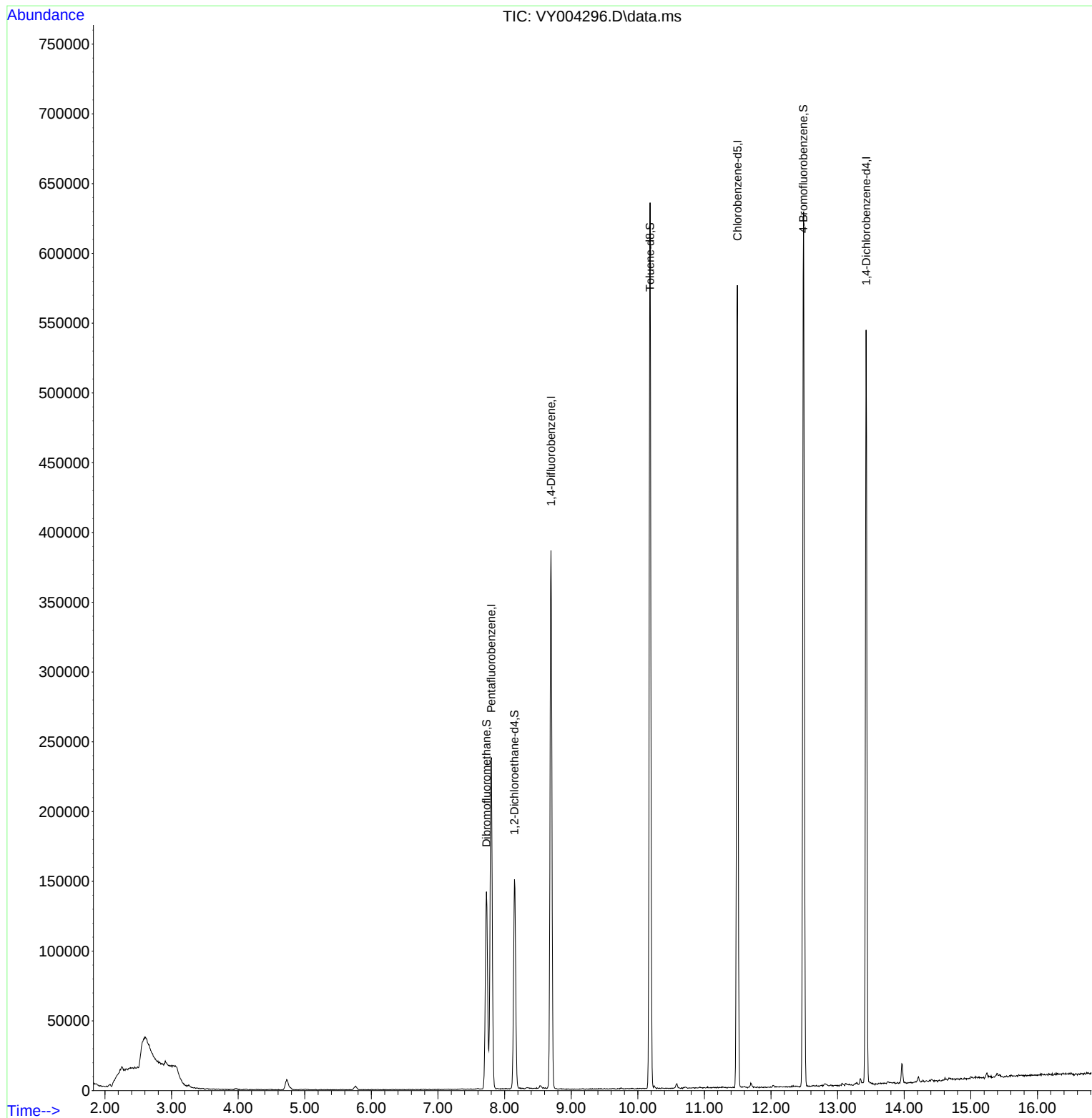
Target Compounds	Qvalue

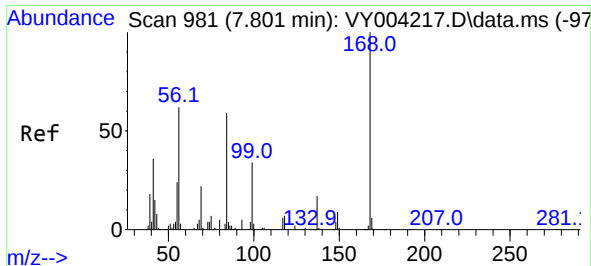
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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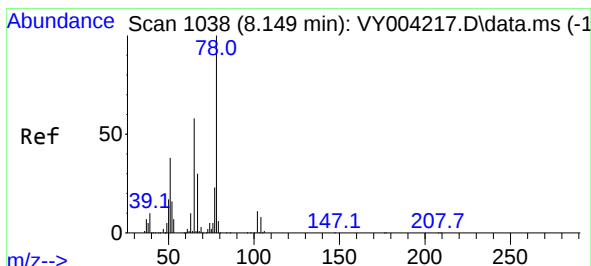
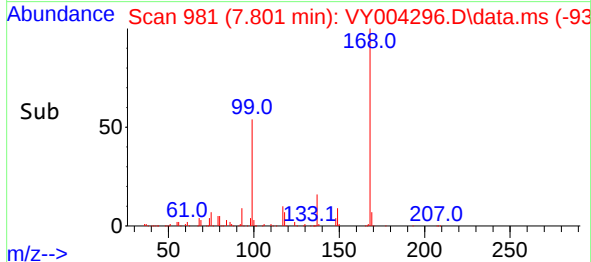
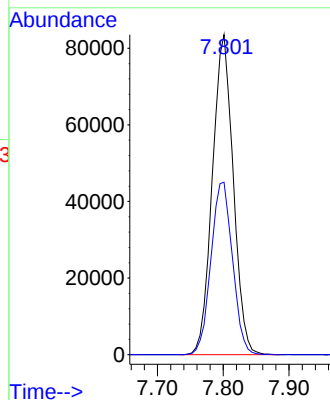
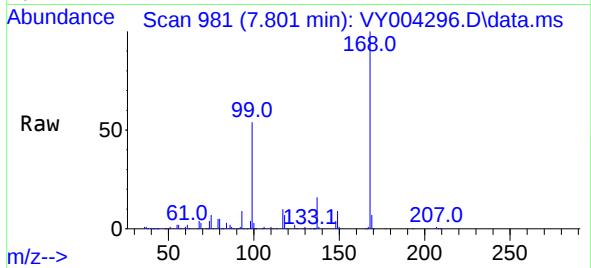




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004296.D
Acq: 06 Apr 2021 12:43

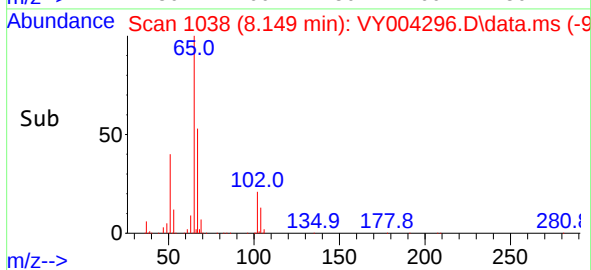
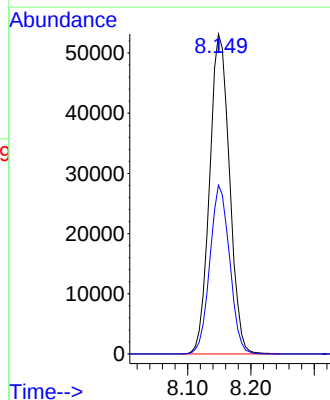
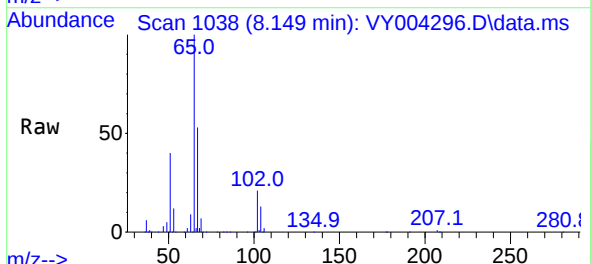
Instrument :
MSVOA_Y
ClientSampled :
TP-1

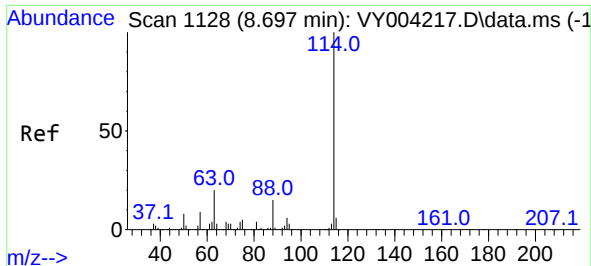
Tgt Ion:168 Resp: 184633
Ion Ratio Lower Upper
168 100
99 53.9 42.6 64.0



#33
1,2-Dichloroethane-d4
Concen: 65.51 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004296.D
Acq: 06 Apr 2021 12:43

Tgt Ion: 65 Resp: 116277
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.2

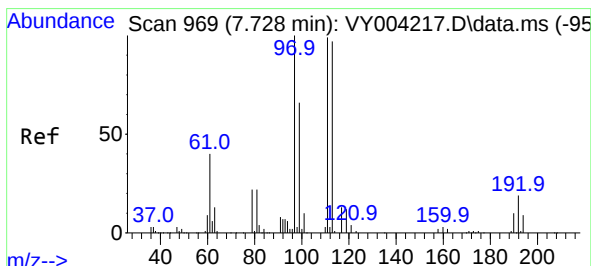
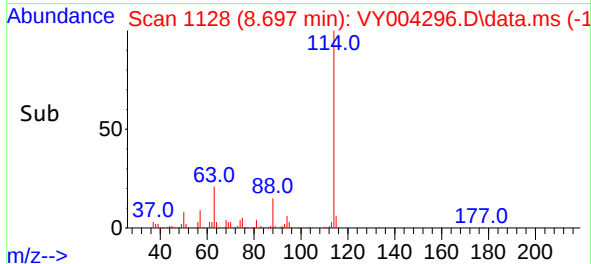
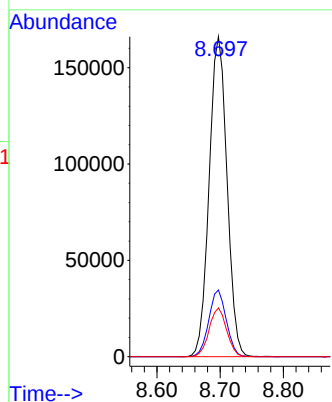
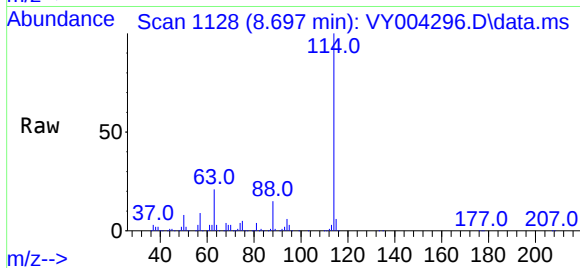




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004296.D
Acq: 06 Apr 2021 12:43

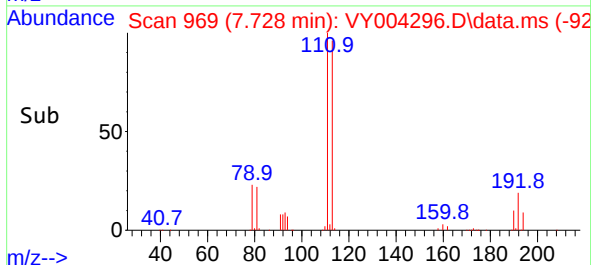
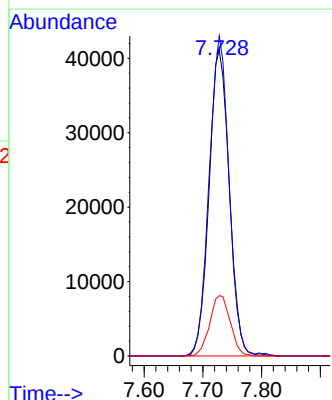
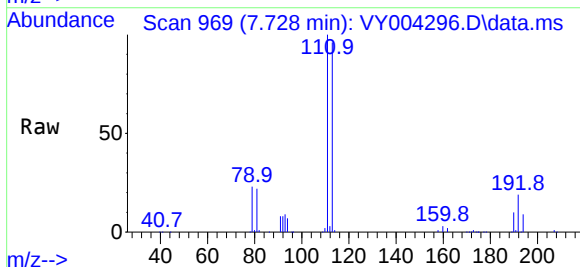
Instrument :
MSVOA_Y
ClientSampled :
TP-1

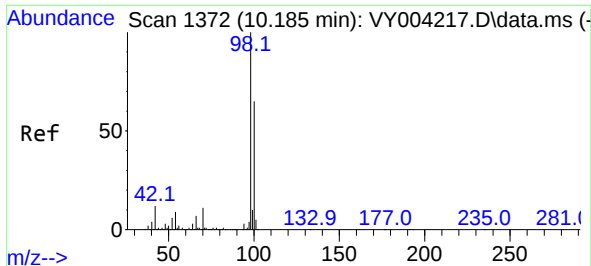
Tgt Ion:114 Resp: 325299
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.4
88 15.3 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.27 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004296.D
Acq: 06 Apr 2021 12:43

Tgt Ion:113 Resp: 98374
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 20.0 16.4 24.6

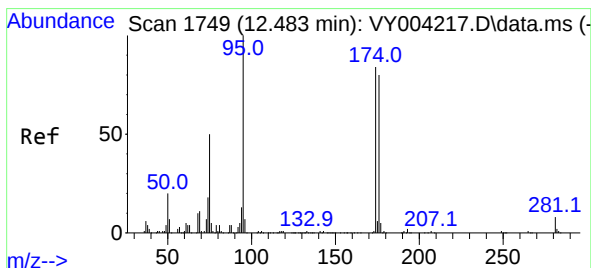
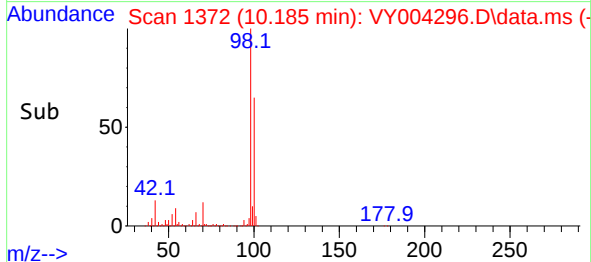
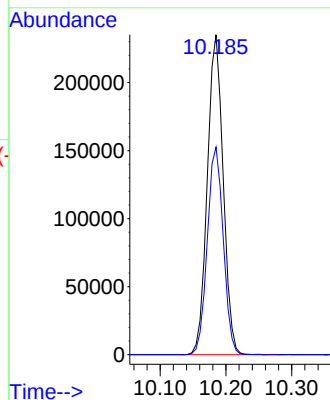
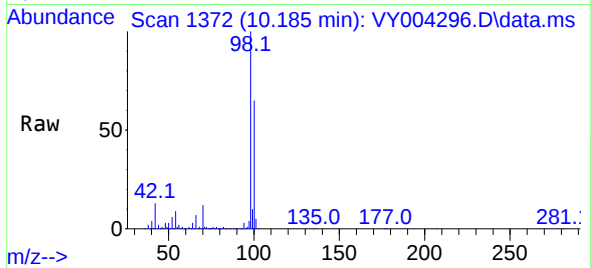




#50
Toluene-d8
Concen: 57.80 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004296.D
Acq: 06 Apr 2021 12:43

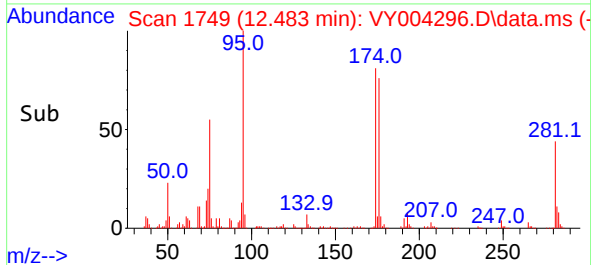
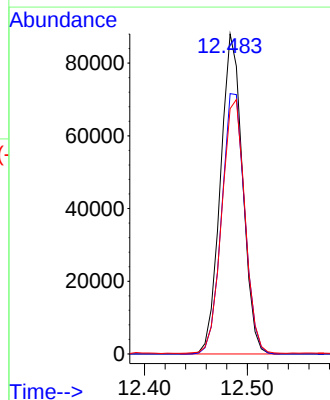
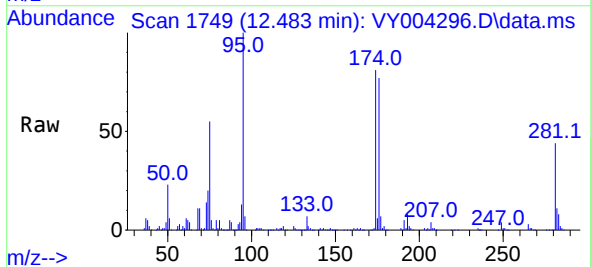
Instrument :
MSVOA_Y
ClientSampled :
TP-1

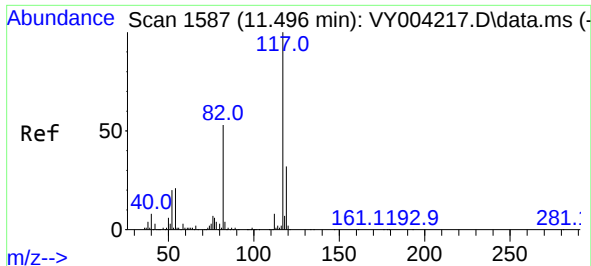
Tgt Ion: 98 Resp: 394037
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 56.10 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004296.D
Acq: 06 Apr 2021 12:43

Tgt Ion: 95 Resp: 131084
Ion Ratio Lower Upper
95 100
174 84.6 0.0 171.4
176 82.9 0.0 165.6

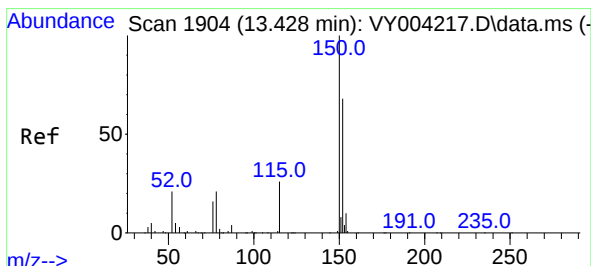
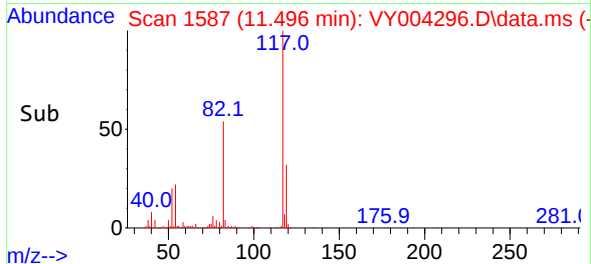
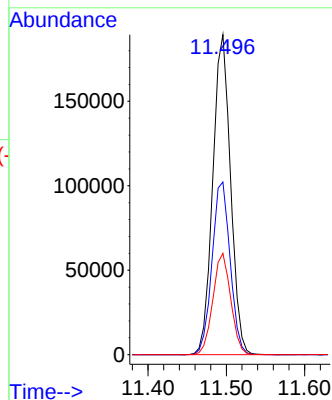
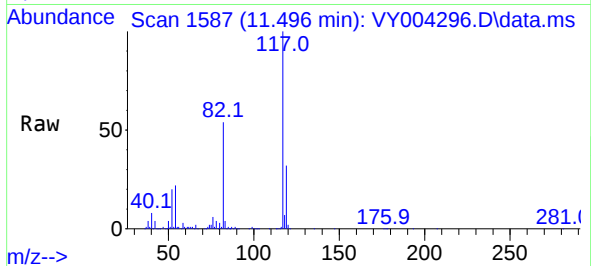




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004296.D
Acq: 06 Apr 2021 12:43

Instrument :
MSVOA_Y
ClientSampled :
TP-1

Tgt Ion:117 Resp: 298382
Ion Ratio Lower Upper
117 100
82 53.9 42.7 64.1
119 31.6 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: VY004296.D
Acq: 06 Apr 2021 12:43

Tgt Ion:152 Resp: 130567
Ion Ratio Lower Upper
152 100
115 58.5 29.0 87.1
150 158.2 0.0 347.4

