

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031121\
 Data File : VY004081.D
 Acq On : 11 Mar 2021 16:51
 Operator : SY/MD
 Sample : M1649-05
 Misc : 2.93g/5mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-1-3

Quant Time: Mar 12 01:19:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	15650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	24933	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	21204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	9166	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	8139	52.70	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.40%
35) Dibromofluoromethane	7.722	113	4751	33.79	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	67.58%
50) Toluene-d8	10.185	98	28152	51.07	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.14%
62) 4-Bromofluorobenzene	12.483	95	9200	45.19	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.38%

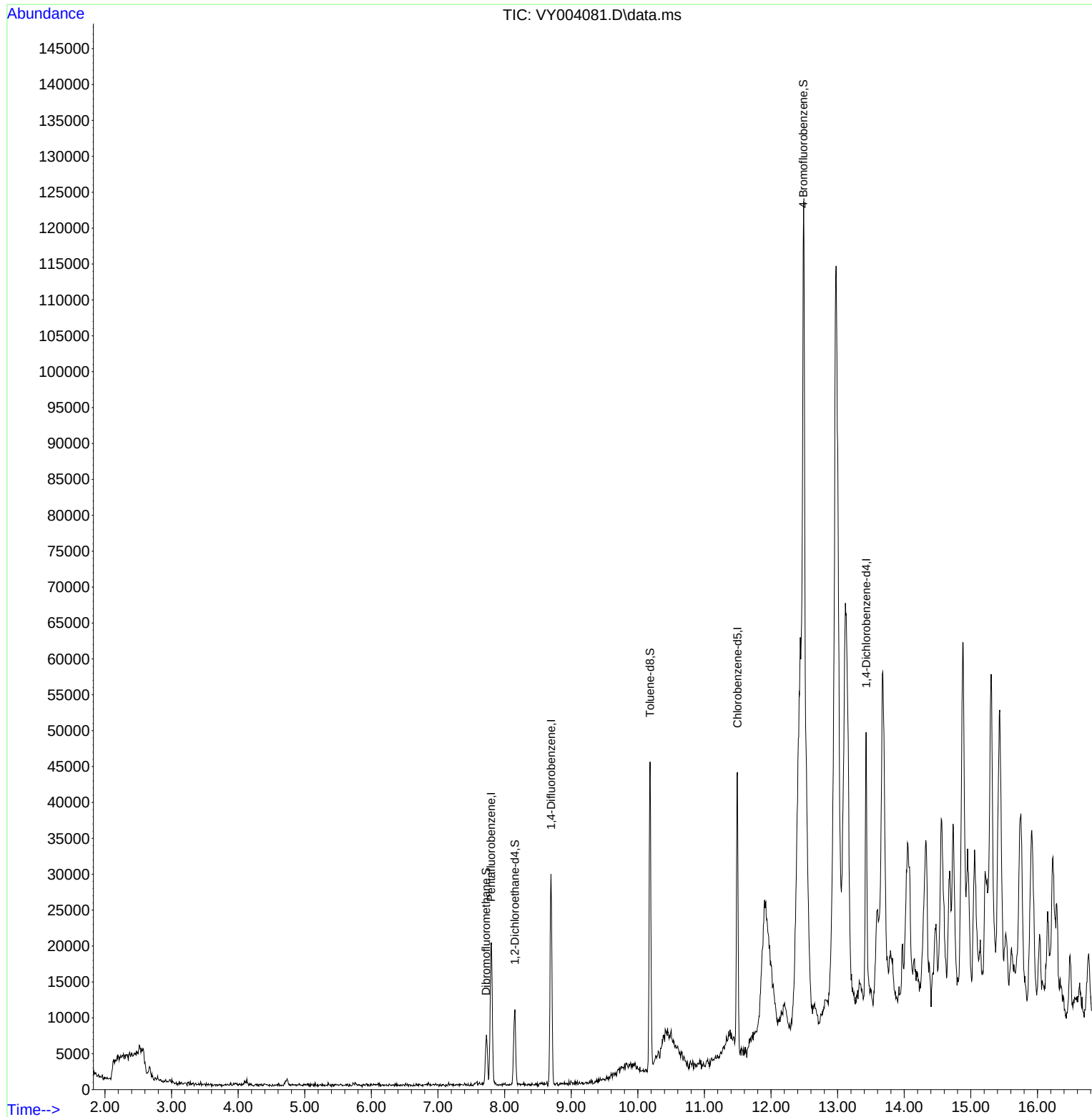
Target Compounds	Qvalue

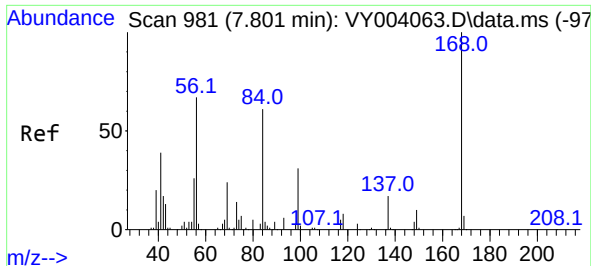
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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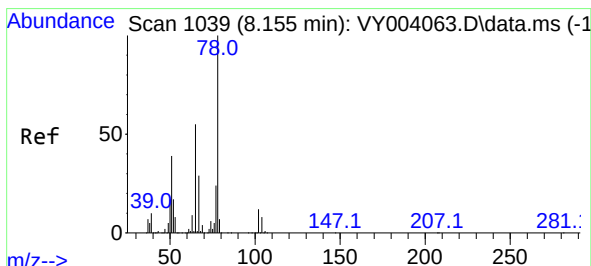
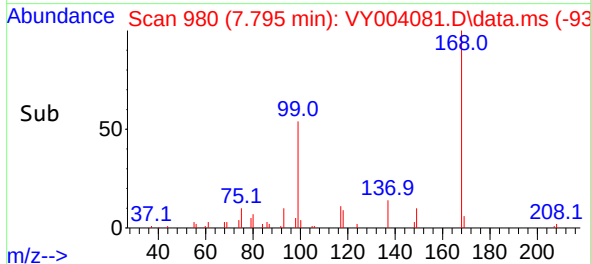
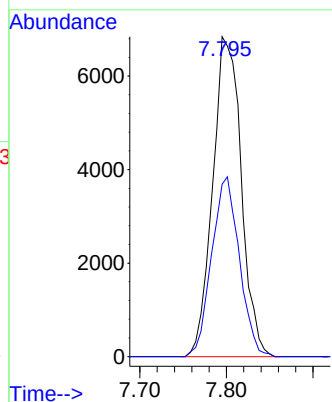
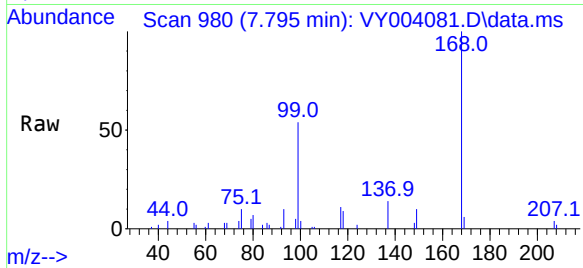




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004081.D
Acq: 11 Mar 2021 16:51

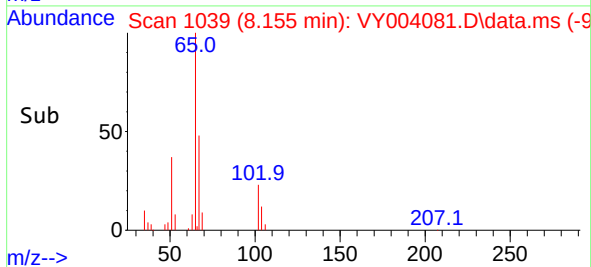
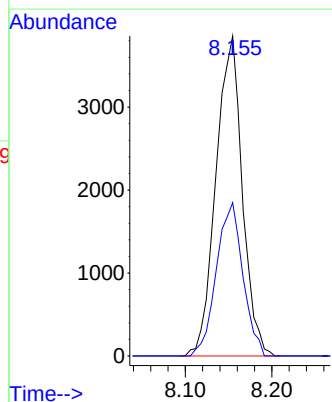
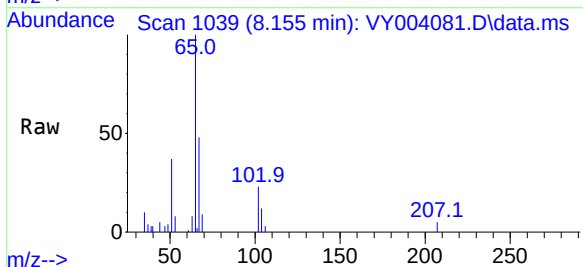
Instrument :
MSVOA_Y
ClientSampled :
SP-1-3

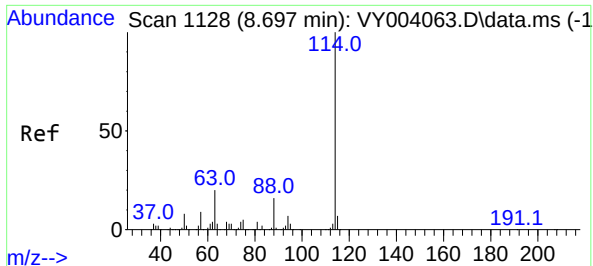
Tgt Ion:168 Resp: 15650
Ion Ratio Lower Upper
168 100
99 53.9 41.2 61.8



#33
1,2-Dichloroethane-d4
Concen: 52.70 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004081.D
Acq: 11 Mar 2021 16:51

Tgt Ion: 65 Resp: 8139
Ion Ratio Lower Upper
65 100
67 48.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

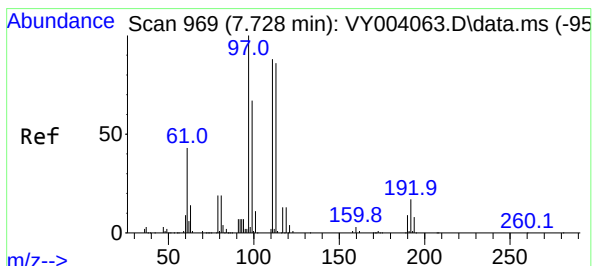
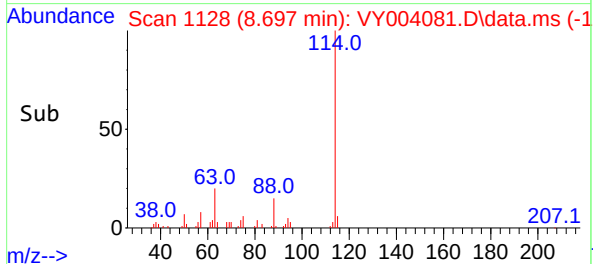
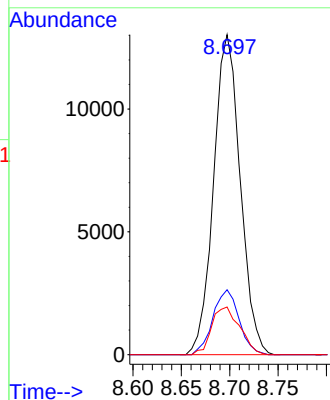
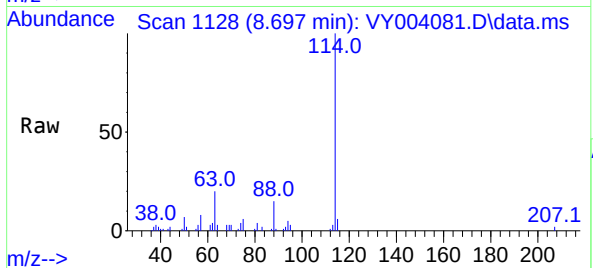
Delta R.T. 0.000 min

Lab File: VY004081.D

Acq: 11 Mar 2021 16:51

Tgt Ion:	114	Resp:	24933
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	41.6
88	14.9	0.0	31.4

Instrument :
MSVOA_Y
ClientSampled :
SP-1-3



#35

Dibromofluoromethane

Concen: 33.79 ug/l

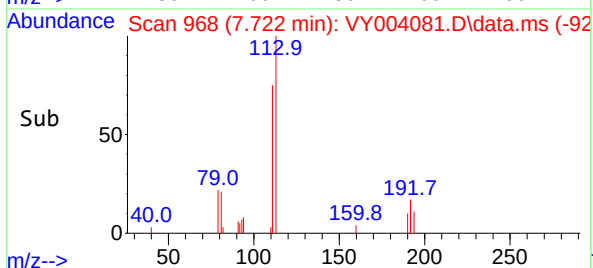
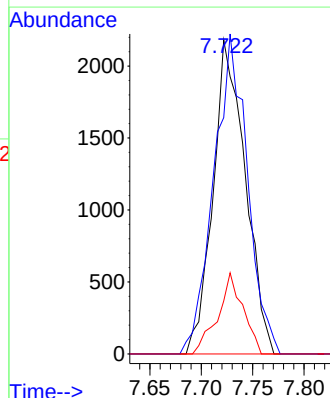
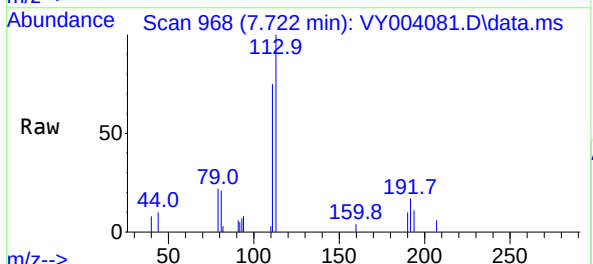
RT: 7.722 min Scan# 968

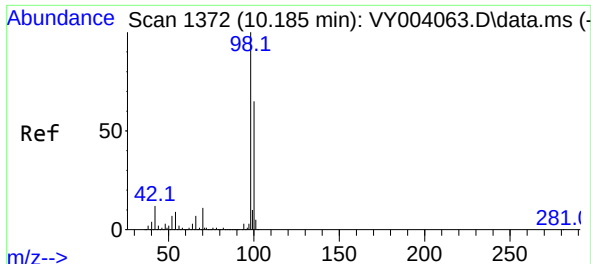
Delta R.T. -0.006 min

Lab File: VY004081.D

Acq: 11 Mar 2021 16:51

Tgt Ion:	113	Resp:	4751
Ion	Ratio	Lower	Upper
113	100		
111	106.2	83.2	124.8
192	20.2	18.5	27.7

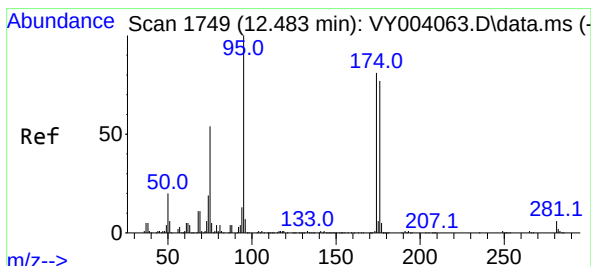
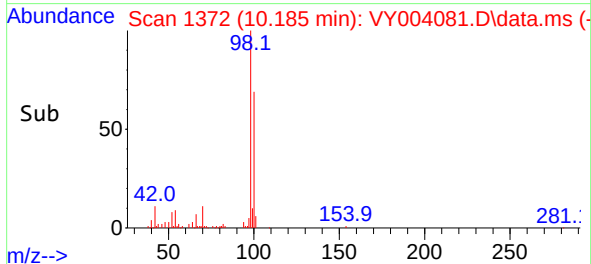
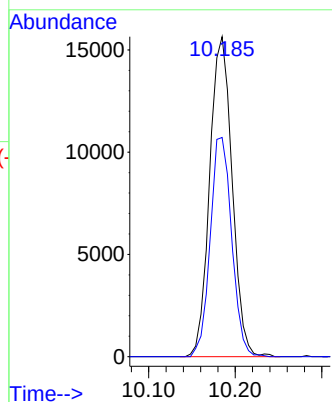
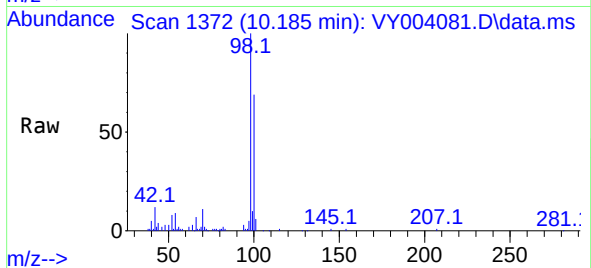




#50
Toluene-d8
Concen: 51.07 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004081.D
Acq: 11 Mar 2021 16:51

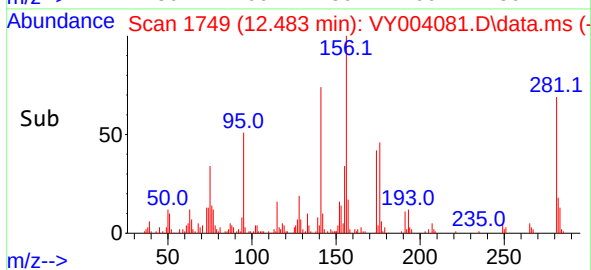
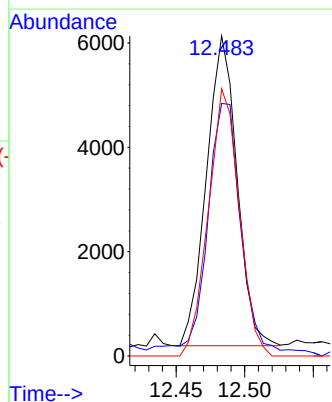
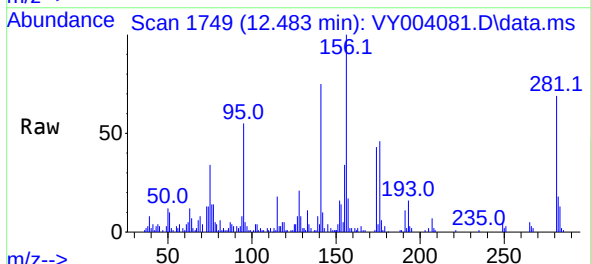
Instrument :
MSVOA_Y
ClientSampled :
SP-1-3

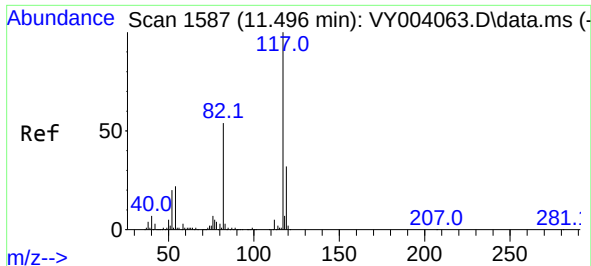
Tgt Ion: 98 Resp: 28152
Ion Ratio Lower Upper
98 100
100 65.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 45.19 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004081.D
Acq: 11 Mar 2021 16:51

Tgt Ion: 95 Resp: 9200
Ion Ratio Lower Upper
95 100
174 92.2 0.0 179.0
176 87.3 0.0 174.4

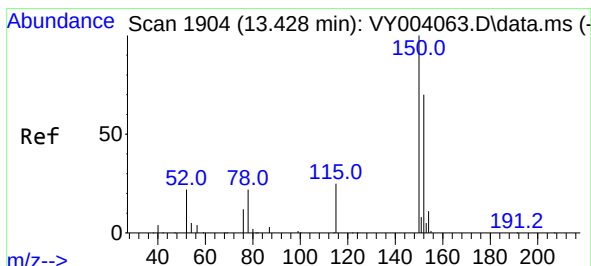
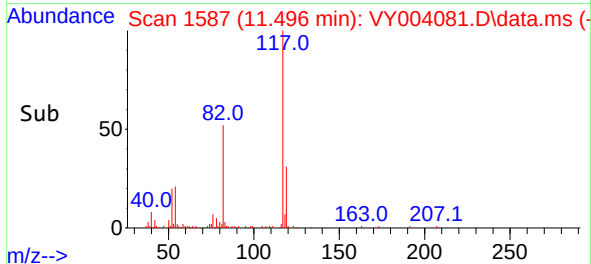
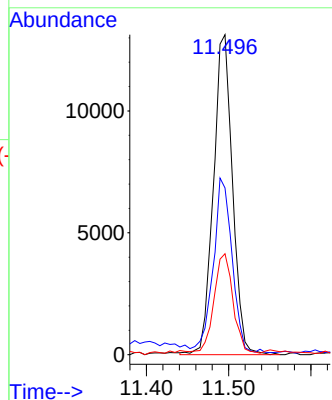
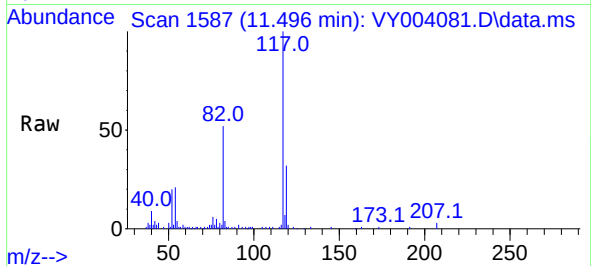




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004081.D
Acq: 11 Mar 2021 16:51

Instrument :
MSVOA_Y
ClientSampled :
SP-1-3

Tgt Ion:	117	Resp:	21204
Ion	Ratio	Lower	Upper
117	100		
82	51.3	43.8	65.6
119	30.6	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004081.D
Acq: 11 Mar 2021 16:51

Tgt Ion:	152	Resp:	9166
Ion	Ratio	Lower	Upper
152	100		
115	55.9	28.2	84.6
150	149.9	0.0	347.2

