

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020321\
 Data File : VY003981.D
 Acq On : 03 Feb 2021 23:41
 Operator : SY/MD
 Sample : M1291-17
 Misc : 8.92g/5mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU421-004-0205

Quant Time: Feb 04 01:26:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 01 00:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	82676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	138243	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	134562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68246	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	54708	60.18	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.36%
35) Dibromofluoromethane	7.728	113	45841	56.71	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.42%
50) Toluene-d8	10.185	98	171628	54.11	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.22%
62) 4-Bromofluorobenzene	12.483	95	64017	55.37	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.74%

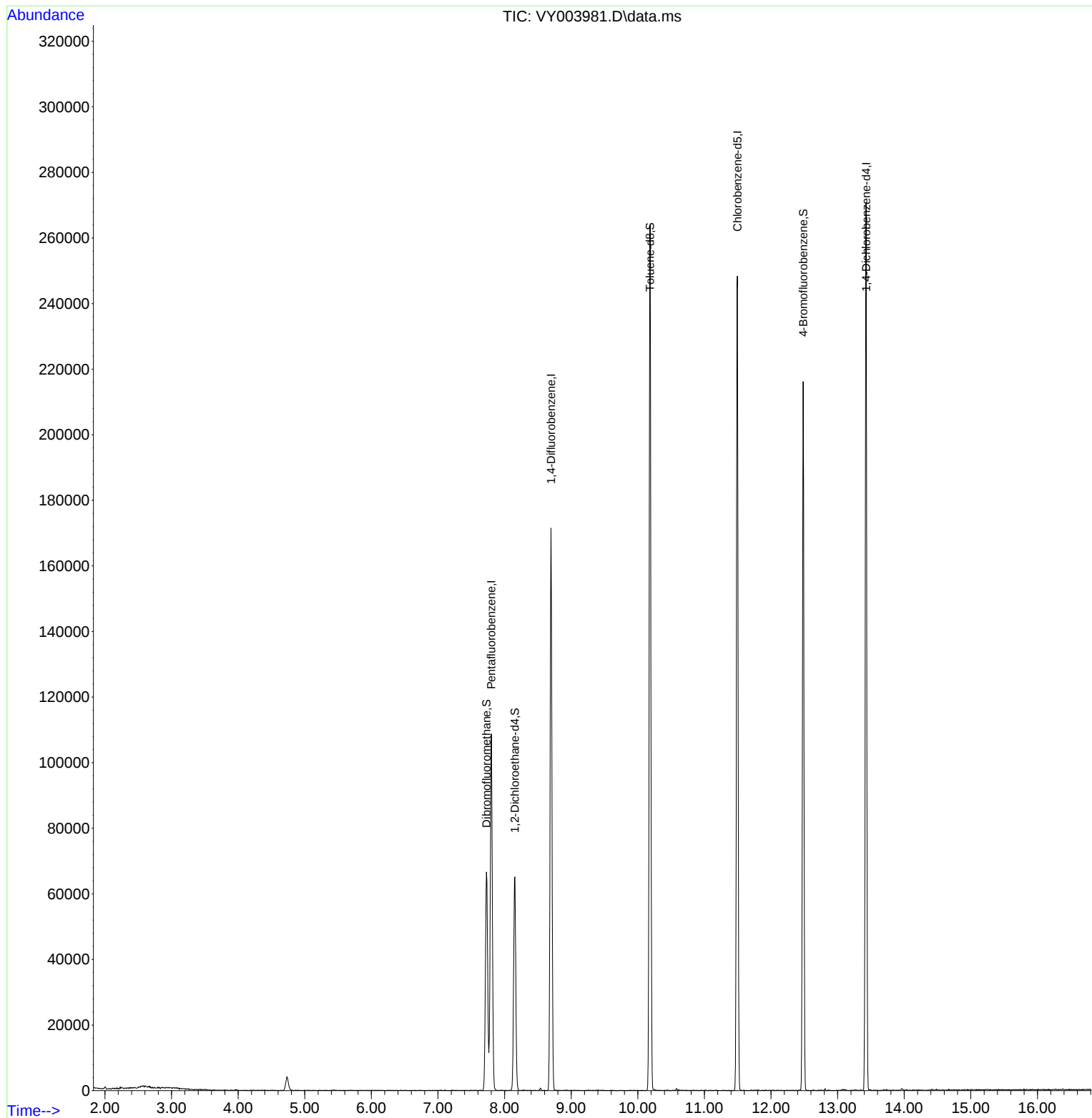
Target Compounds	Qvalue

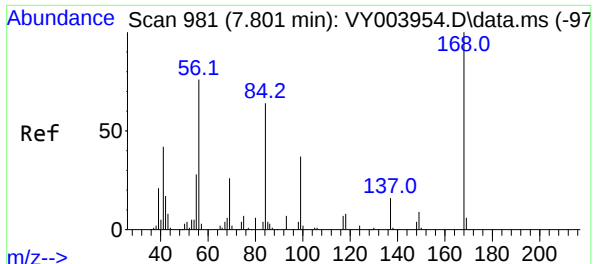
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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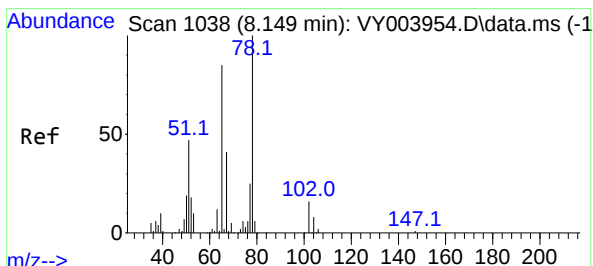
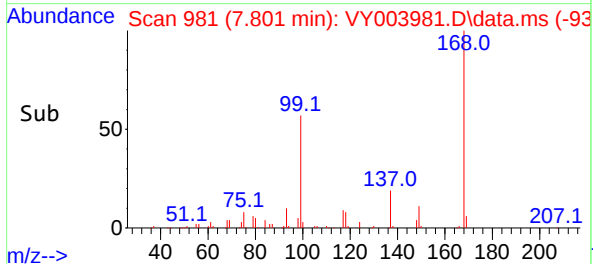
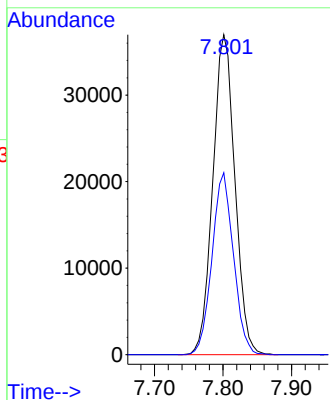
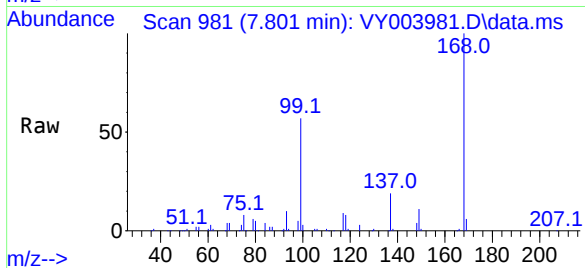




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY003981.D
Acq: 03 Feb 2021 23:41

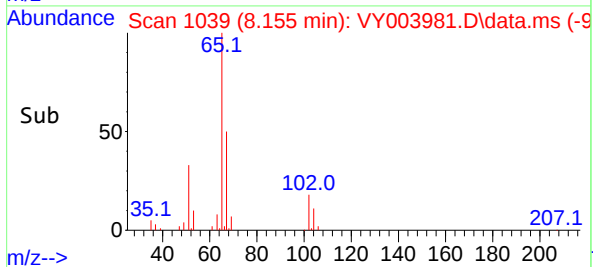
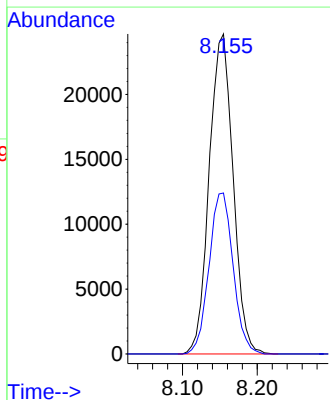
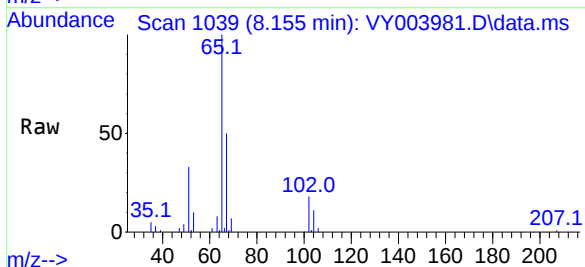
Instrument :
MSVOA_Y
ClientSampleId :
OU421-004-0205

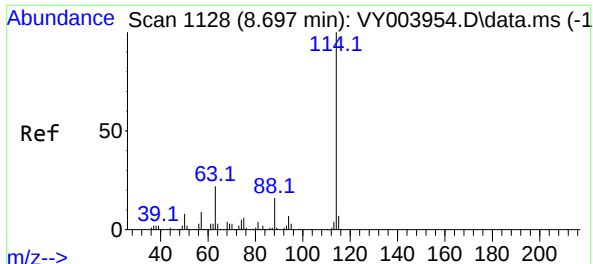
Tgt Ion:168 Resp: 82676
Ion Ratio Lower Upper
168 100
99 56.9 46.1 69.1



#33
1,2-Dichloroethane-d4
Concen: 60.18 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY003981.D
Acq: 03 Feb 2021 23:41

Tgt Ion: 65 Resp: 54708
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.8

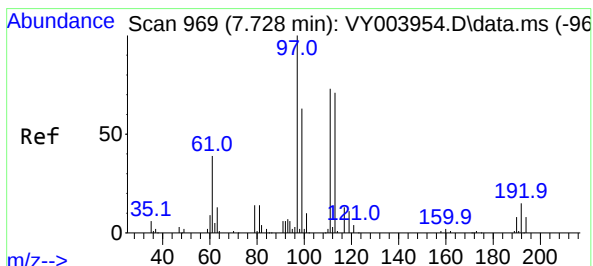
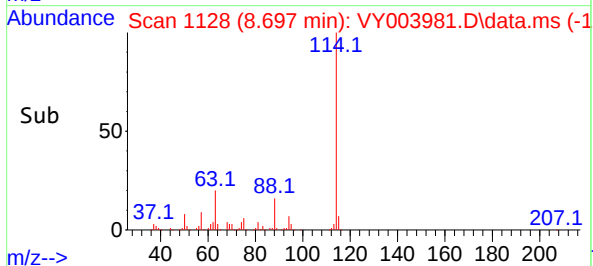
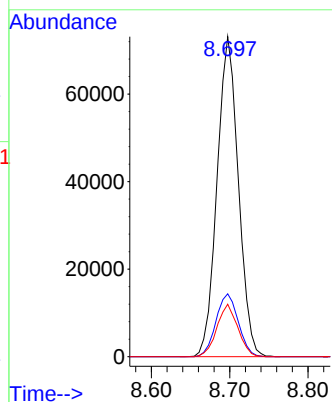
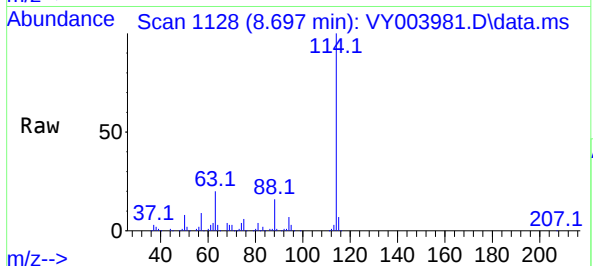




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY003981.D
Acq: 03 Feb 2021 23:41

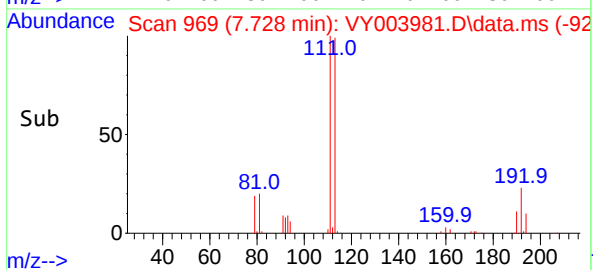
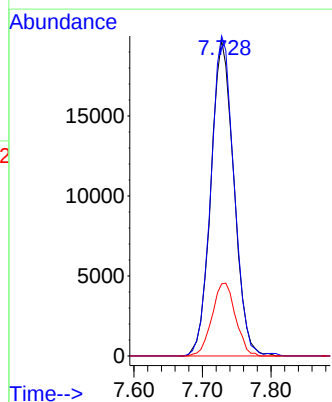
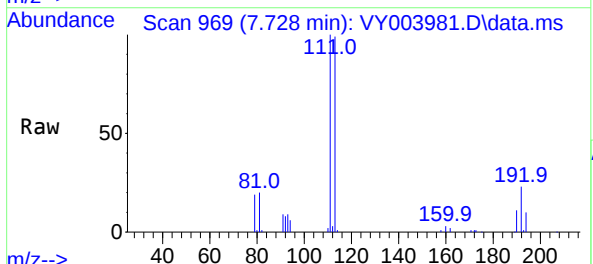
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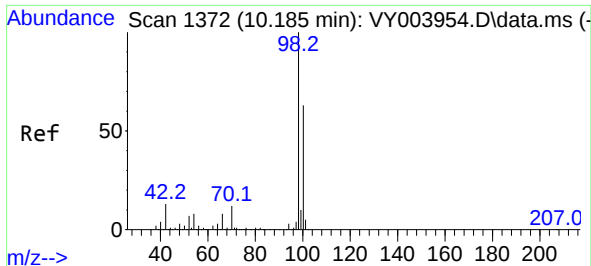
Tgt Ion:	114	Resp:	138243
Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	47.2
88	16.4	0.0	30.2



#35
Dibromofluoromethane
Concen: 56.71 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY003981.D
Acq: 03 Feb 2021 23:41

Tgt Ion:	113	Resp:	45841
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.2	123.4
192	23.7	18.3	27.5

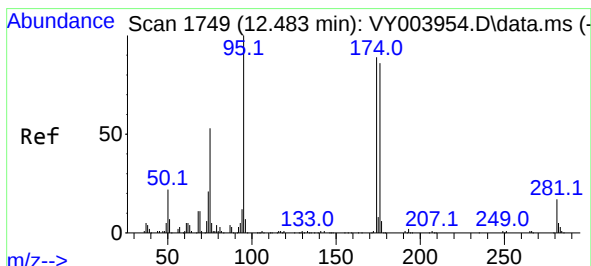
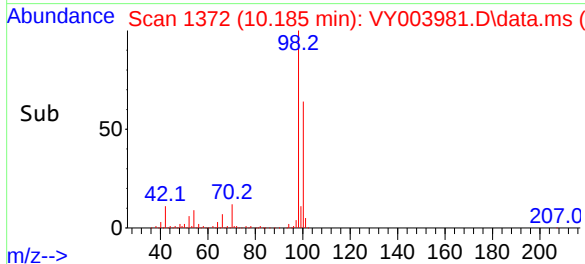
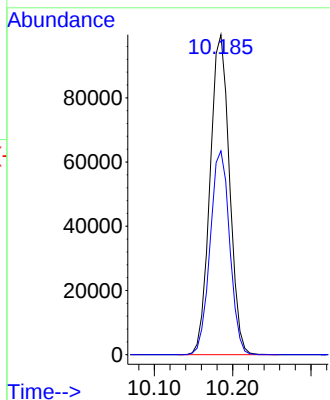
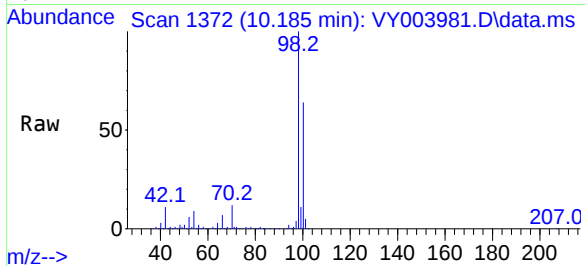




#50
Toluene-d8
Concen: 54.11 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY003981.D
Acq: 03 Feb 2021 23:41

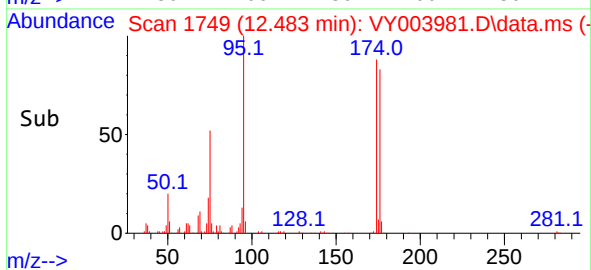
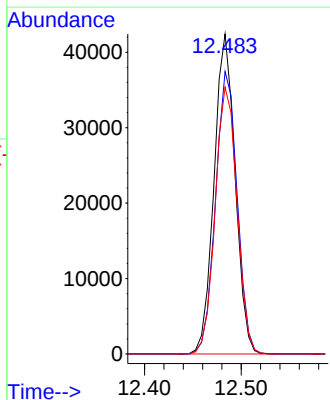
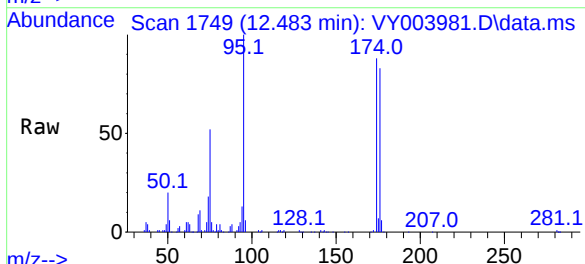
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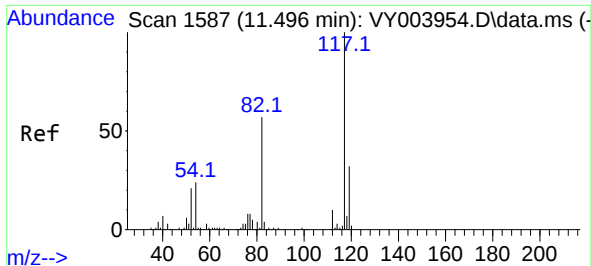
Tgt Ion: 98 Resp: 171628
Ion Ratio Lower Upper
98 100
100 64.0 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 55.37 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY003981.D
Acq: 03 Feb 2021 23:41

Tgt Ion: 95 Resp: 64017
Ion Ratio Lower Upper
95 100
174 90.4 0.0 184.4
176 86.5 0.0 177.2

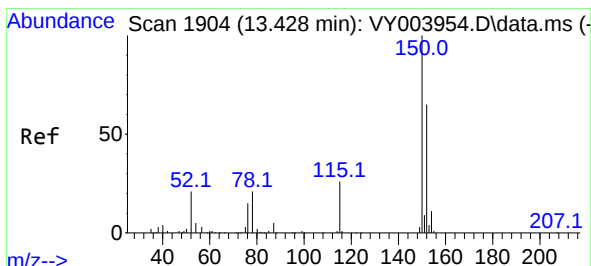
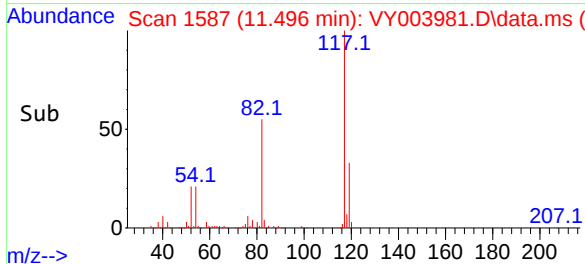
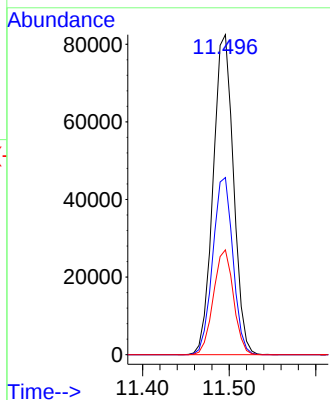
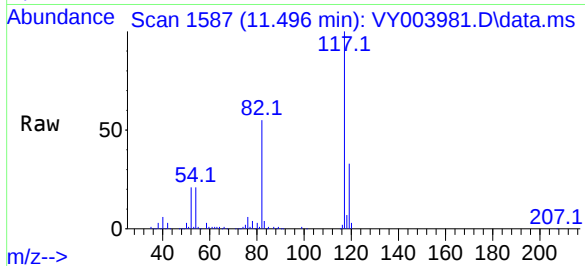




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY003981.D
Acq: 03 Feb 2021 23:41

Instrument :
MSVOA_Y
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OU421-004-0205

Tgt Ion:	117	Resp:	134562
Ion	Ratio	Lower	Upper
117	100		
82	55.4	44.3	66.5
119	32.7	25.0	37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY003981.D
Acq: 03 Feb 2021 23:41

Tgt Ion:	152	Resp:	68246
Ion	Ratio	Lower	Upper
152	100		
115	58.0	28.2	84.6
150	155.9	0.0	356.2

