

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031722\
 Data File : VY007883.D
 Acq On : 17 Mar 2022 18:39
 Operator : SY/MD
 Sample : N1864-02
 Misc : 5.37g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MB-B2-030922-0-1

Quant Time: Mar 18 08:56:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	262132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	426340	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	345947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	140655	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	115145	38.526	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.060%
35) Dibromofluoromethane	7.716	113	119926	40.053	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.100%
50) Toluene-d8	10.179	98	492666	55.103	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.200%
62) 4-Bromofluorobenzene	12.483	95	151932	35.356	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.720%

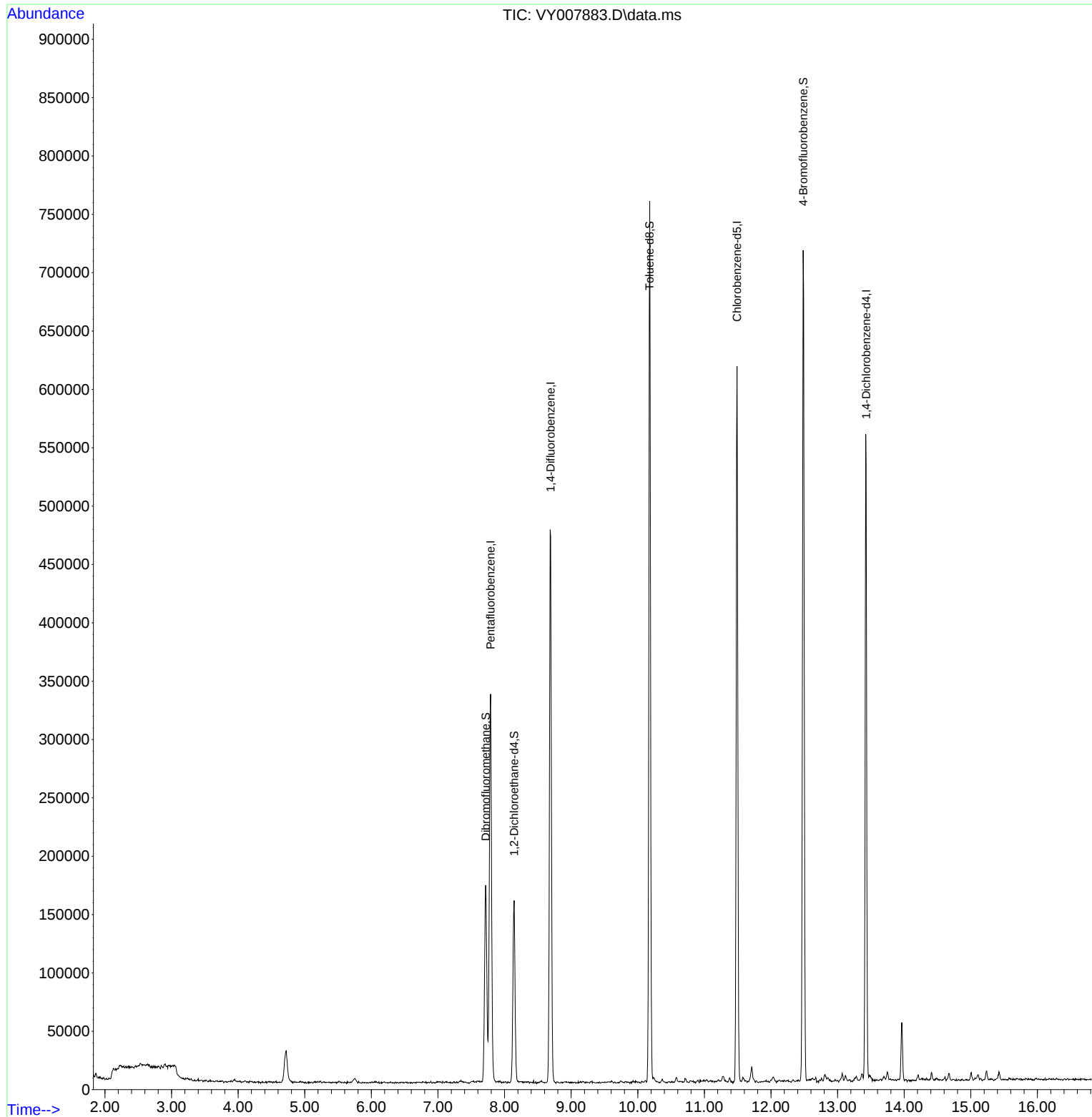
Target Compounds	Qvalue

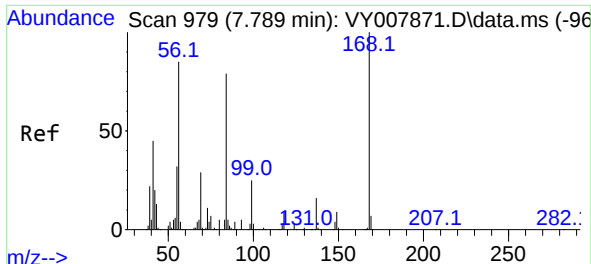
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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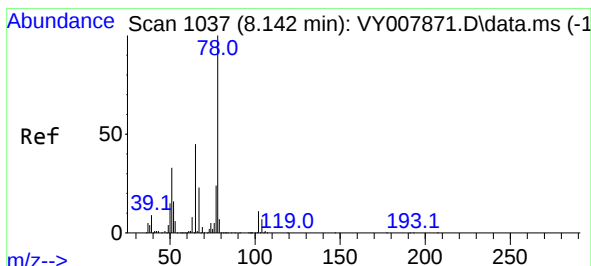
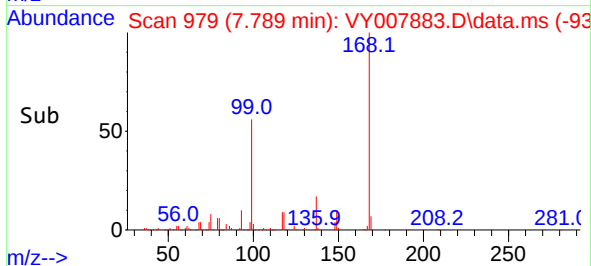
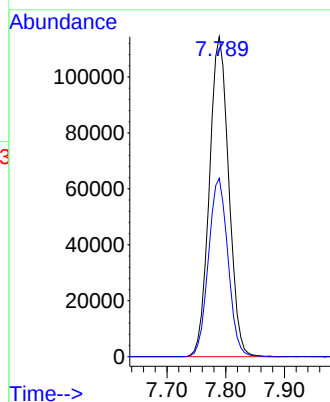
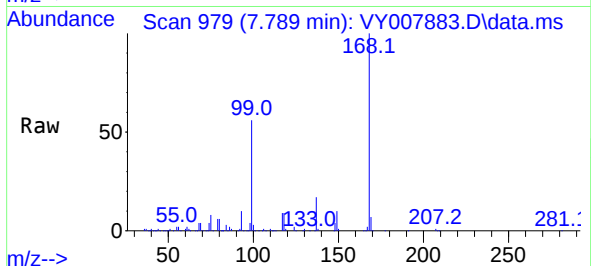




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007883.D
Acq: 17 Mar 2022 18:39

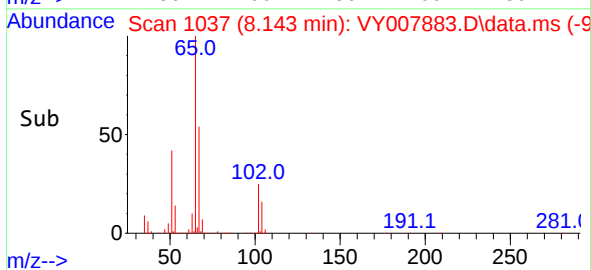
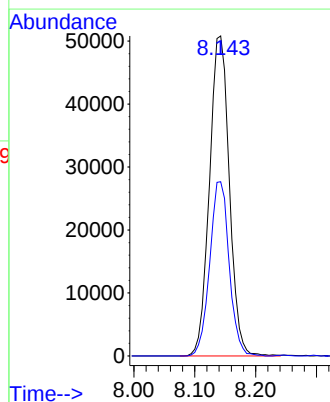
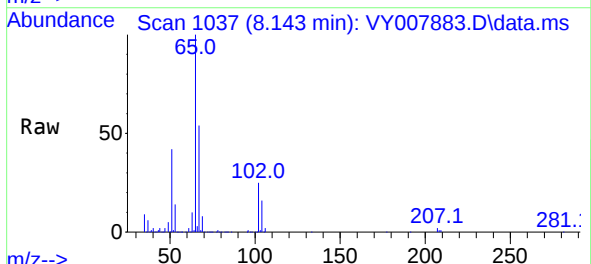
Instrument :
MSVOA_Y
ClientSampleId :
MB-B2-030922-0-1

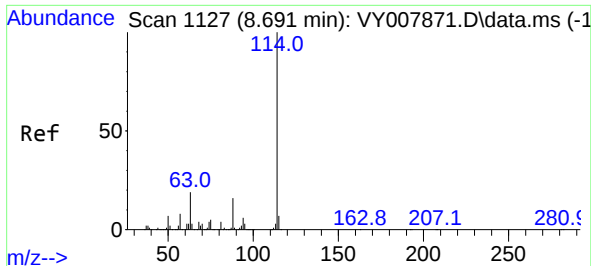
Tgt Ion:168 Resp: 262132
Ion Ratio Lower Upper
168 100
99 55.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 38.526 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007883.D
Acq: 17 Mar 2022 18:39

Tgt Ion: 65 Resp: 115145
Ion Ratio Lower Upper
65 100
67 53.2 0.0 99.4

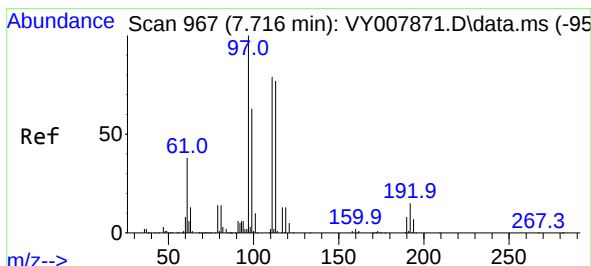
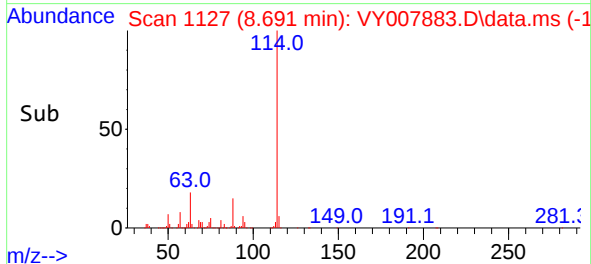
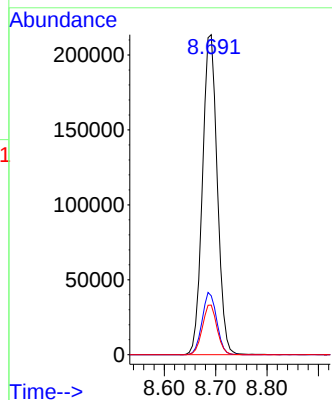
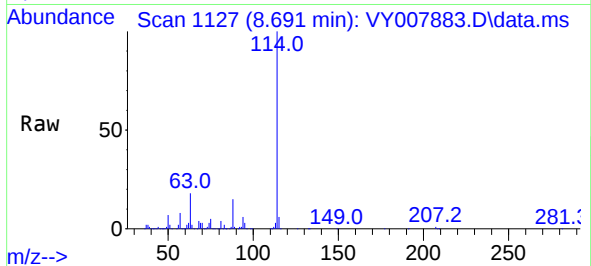




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007883.D
Acq: 17 Mar 2022 18:39

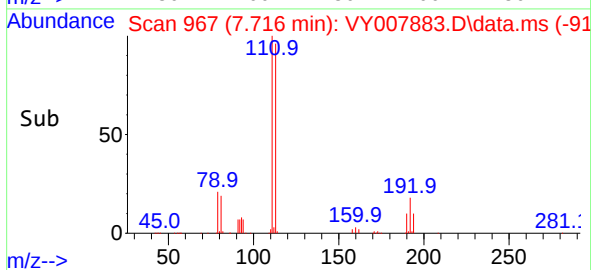
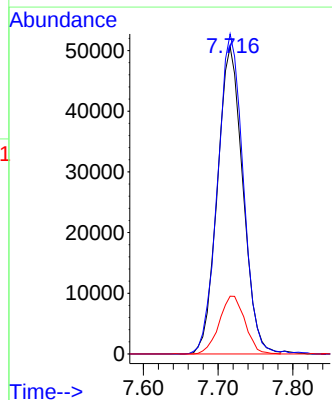
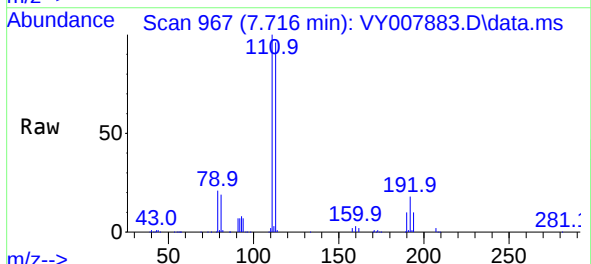
Instrument :
MSVOA_Y
ClientSampleId :
MB-B2-030922-0-1

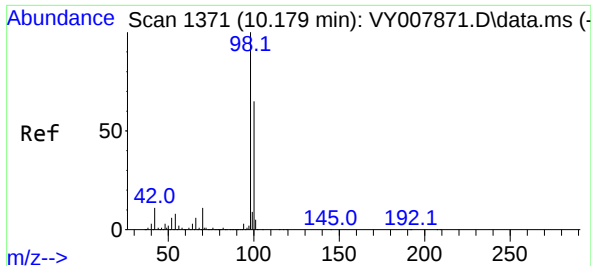
Tgt Ion:	114	Resp:	426340
Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	43.2
88	15.5	0.0	31.8



#35
Dibromofluoromethane
Concen: 40.053 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY007883.D
Acq: 17 Mar 2022 18:39

Tgt Ion:	113	Resp:	119926
Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.6	124.0
192	19.0	17.6	26.4

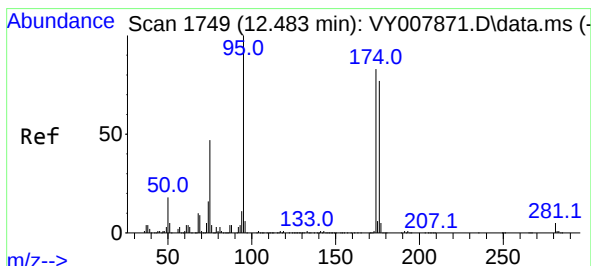
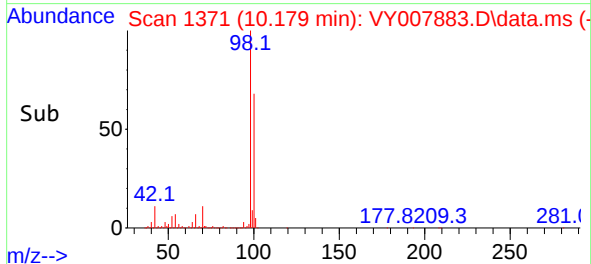
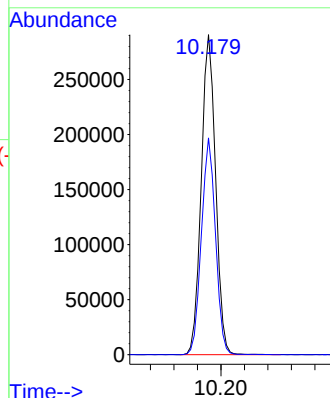
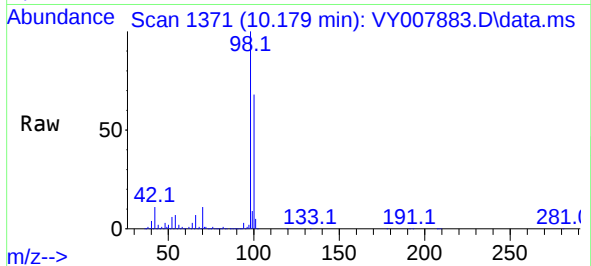




#50
Toluene-d8
Concen: 55.103 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007883.D
Acq: 17 Mar 2022 18:39

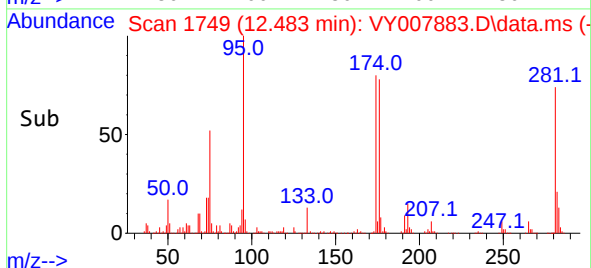
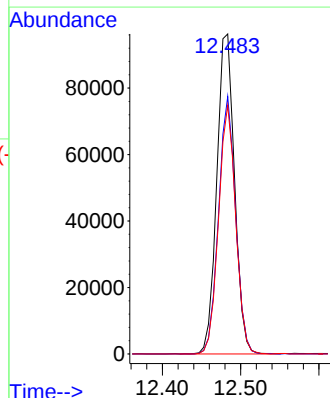
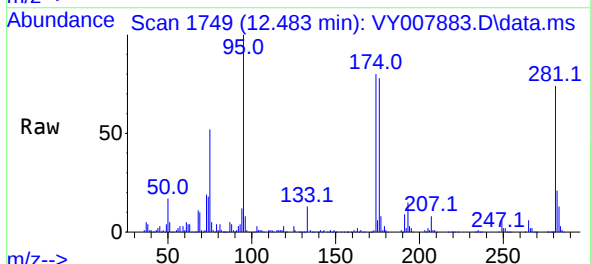
Instrument :
MSVOA_Y
ClientSampleId :
MB-B2-030922-0-1

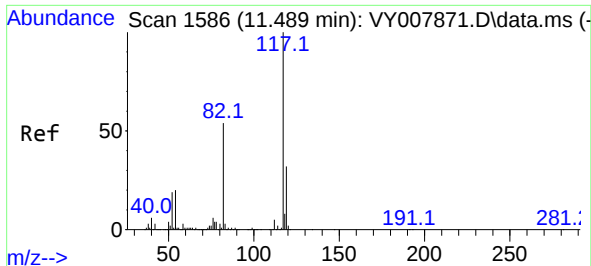
Tgt Ion: 98 Resp: 492666
Ion Ratio Lower Upper
98 100
100 66.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.356 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007883.D
Acq: 17 Mar 2022 18:39

Tgt Ion: 95 Resp: 151932
Ion Ratio Lower Upper
95 100
174 77.3 0.0 177.0
176 75.0 0.0 175.8

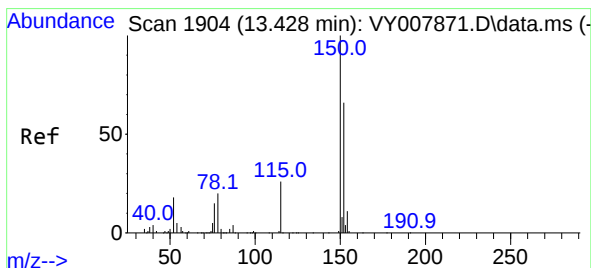
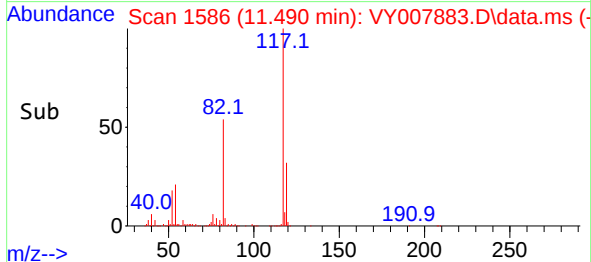
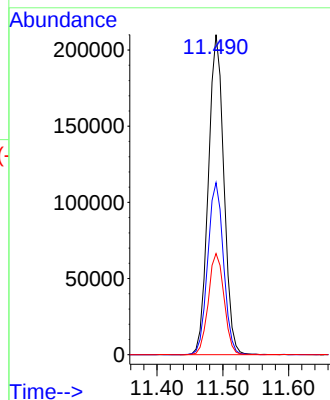
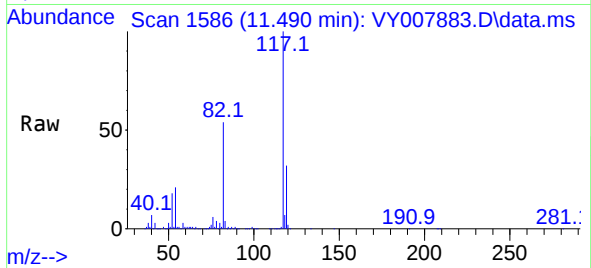




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007883.D
Acq: 17 Mar 2022 18:39

Instrument :
MSVOA_Y
ClientSampleId :
MB-B2-030922-0-1

Tgt Ion:117 Resp: 345947
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.4
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007883.D
Acq: 17 Mar 2022 18:39

Tgt Ion:152 Resp: 140655
Ion Ratio Lower Upper
152 100
115 59.7 28.2 84.7
150 157.4 0.0 347.6

