

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100421\
 Data File : VY006274.D
 Acq On : 04 Oct 2021 14:22
 Operator : SY/MD
 Sample : VY1004SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1004SBL01

Quant Time: Oct 05 06:36:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.837	168	108696	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.721	114	172296	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.501	117	154158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79699	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.179	65	61282	52.68	ug/l	0.03
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.36%
35) Dibromofluoromethane	7.758	113	44146	47.96	ug/l	0.04
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.92%
50) Toluene-d8	10.197	98	175036	45.43	ug/l	0.01
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.86%
62) 4-Bromofluorobenzene	12.483	95	58442	44.65	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.30%

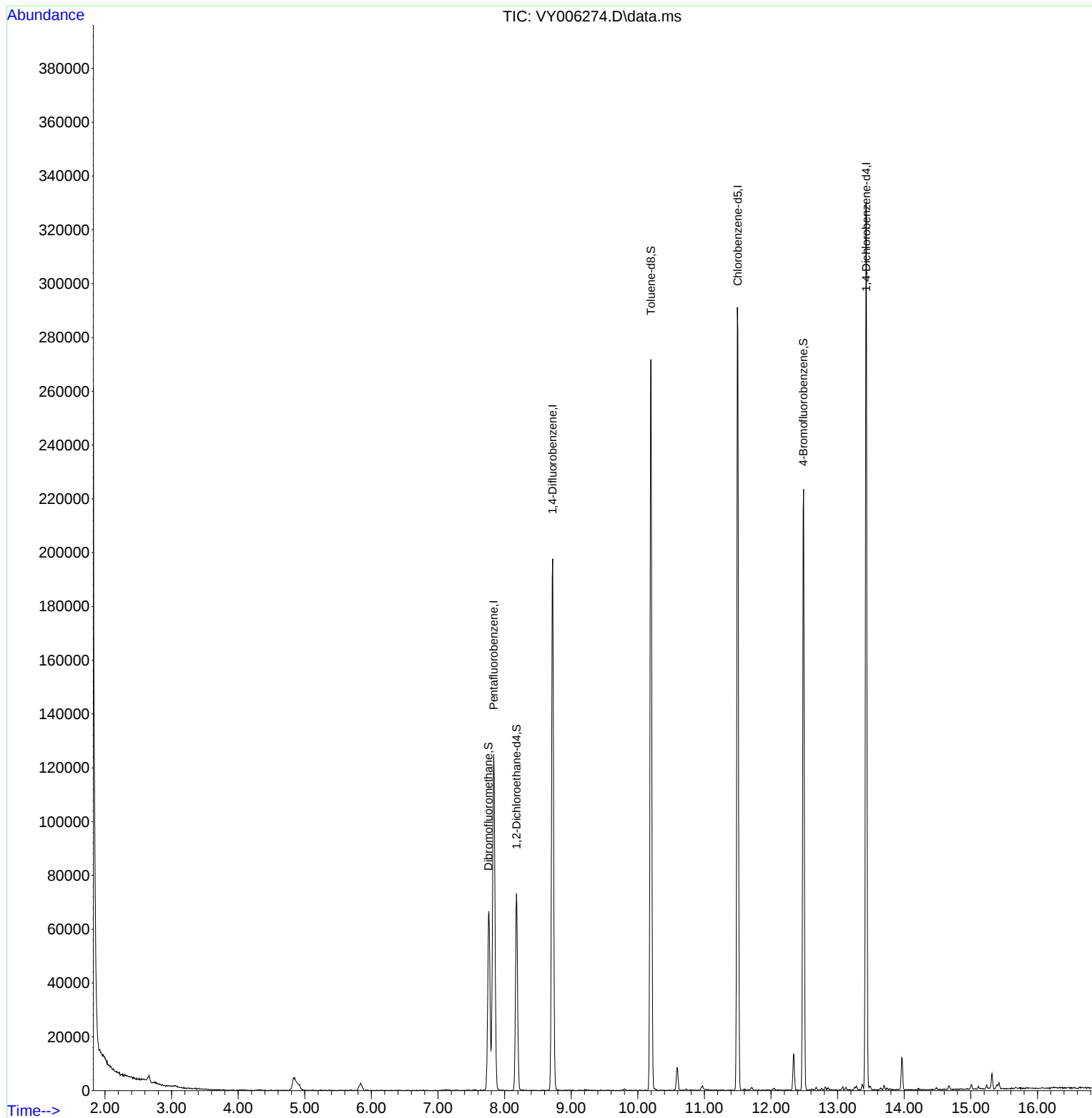
Target Compounds	Qvalue

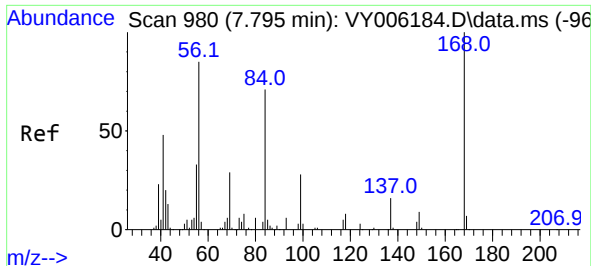
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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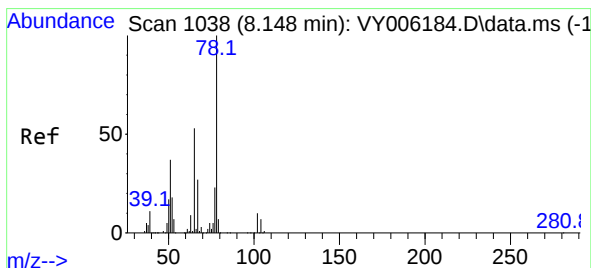
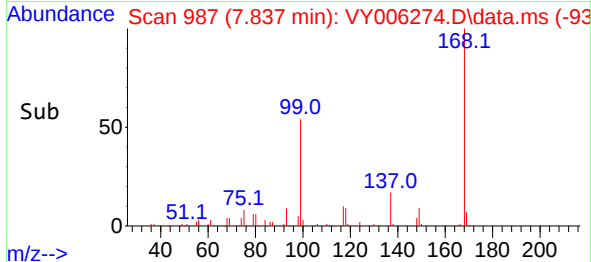
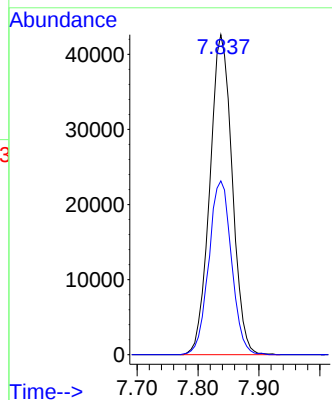
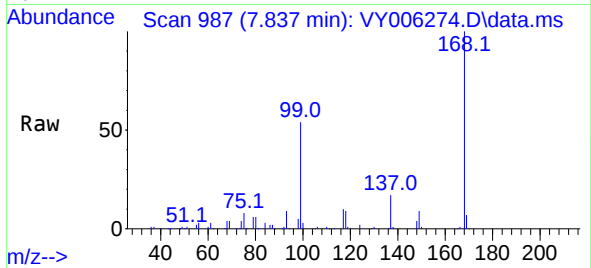




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.837 min Scan# 987
Delta R.T. 0.042 min
Lab File: VY006274.D
Acq: 04 Oct 2021 14:22

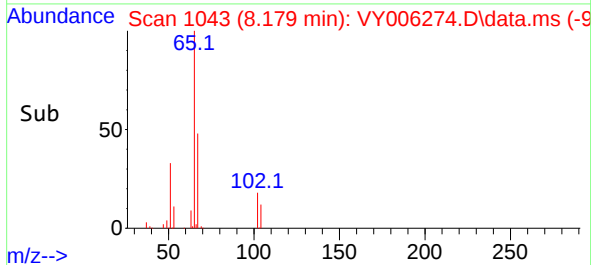
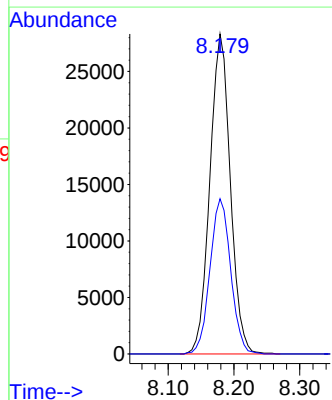
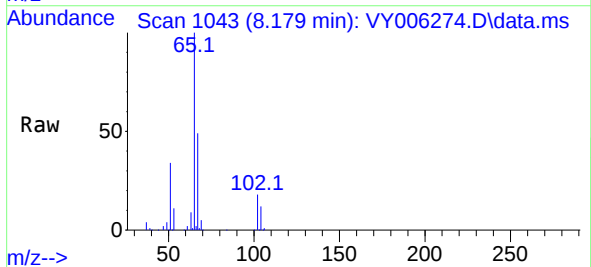
Instrument :
MSVOA_Y
ClientSampleId :
VY1004SBL01

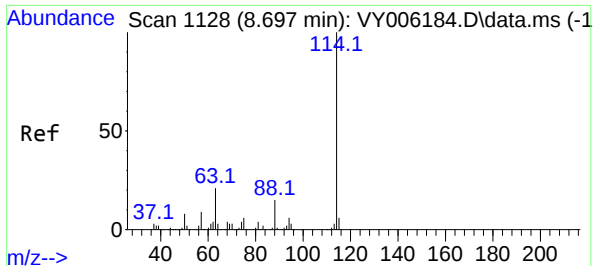
Tgt Ion:168 Resp: 108696
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 52.68 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.030 min
Lab File: VY006274.D
Acq: 04 Oct 2021 14:22

Tgt Ion: 65 Resp: 61282
Ion Ratio Lower Upper
65 100
67 49.1 0.0 99.4



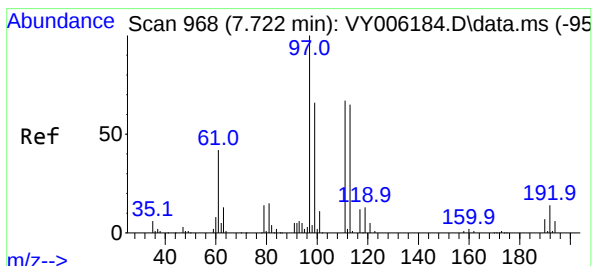
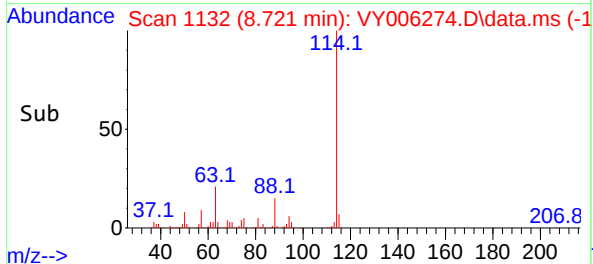
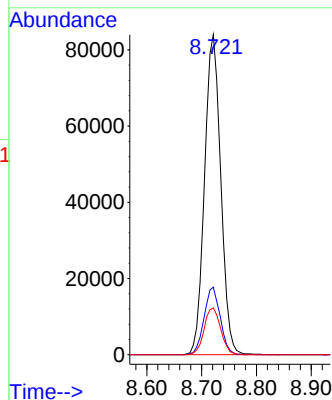
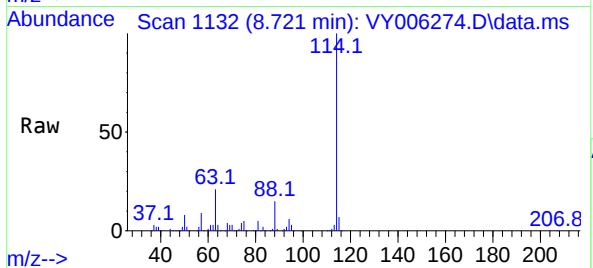


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.721 min Scan# 1132
Delta R.T. 0.024 min
Lab File: VY006274.D
Acq: 04 Oct 2021 14:22

Instrument :
MSVOA_Y
ClientSampleId :
VY1004SBL01

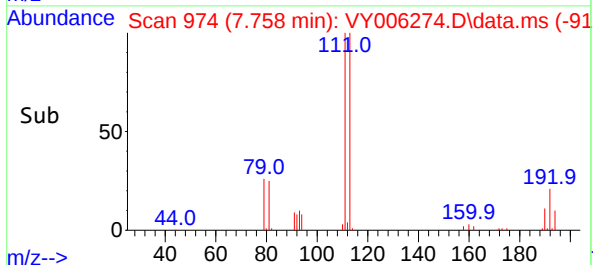
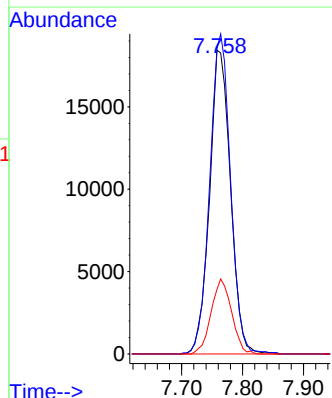
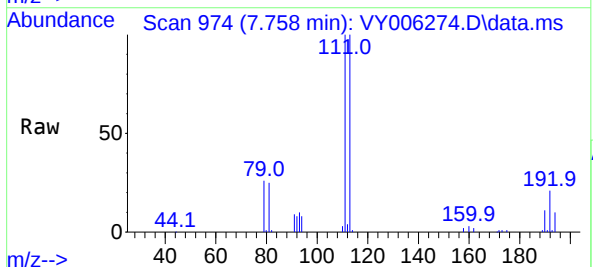
Tgt Ion:	114	Resp:	172296
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	43.2
88	14.6	0.0	31.8

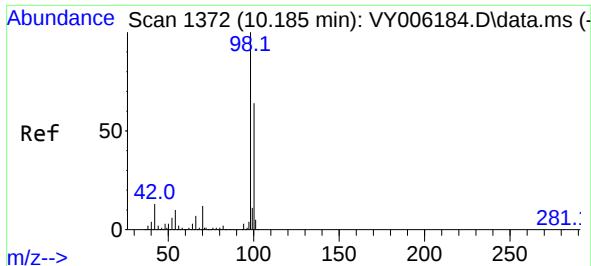


#35

Dibromofluoromethane
Concen: 47.96 ug/l
RT: 7.758 min Scan# 974
Delta R.T. 0.036 min
Lab File: VY006274.D
Acq: 04 Oct 2021 14:22

Tgt Ion:	113	Resp:	44146
Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.6	124.0
192	24.0	17.6	26.4

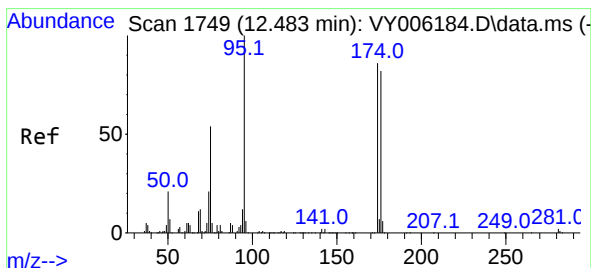
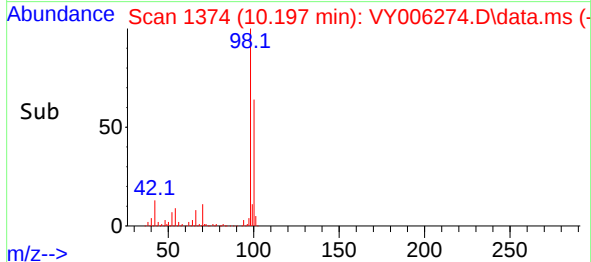
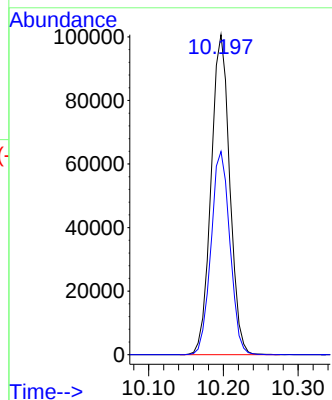
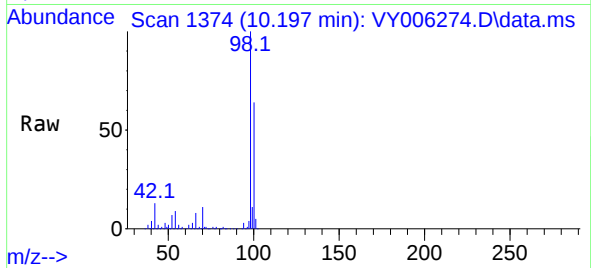




#50
Toluene-d8
Concen: 45.43 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.012 min
Lab File: VY006274.D
Acq: 04 Oct 2021 14:22

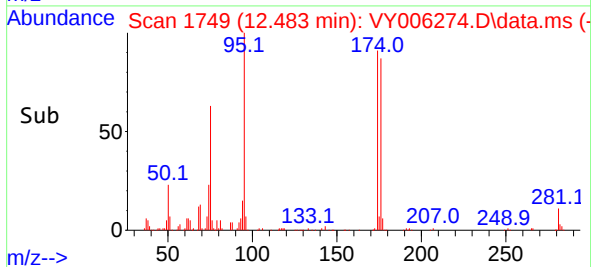
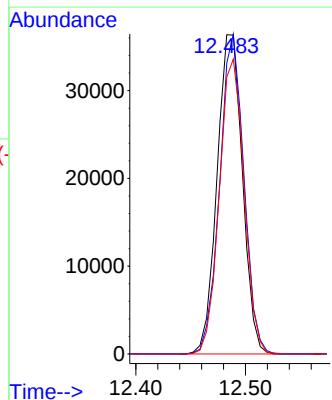
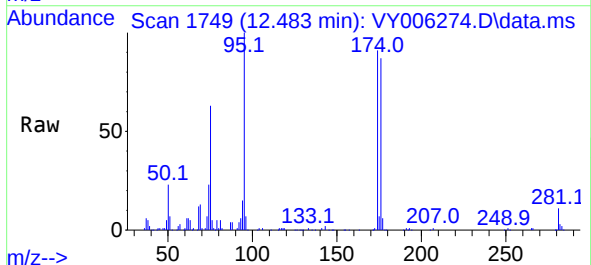
Instrument :
MSVOA_Y
ClientSampleId :
VY1004SBL01

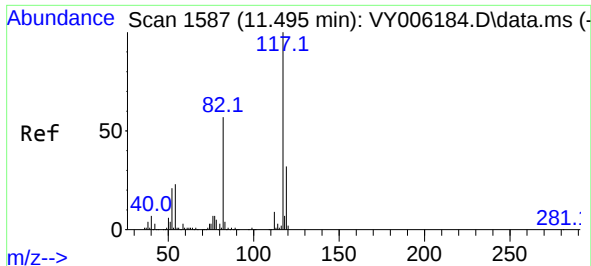
Tgt Ion: 98 Resp: 175036
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.65 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006274.D
Acq: 04 Oct 2021 14:22

Tgt Ion: 95 Resp: 58442
Ion Ratio Lower Upper
95 100
174 95.3 0.0 177.0
176 90.2 0.0 175.8



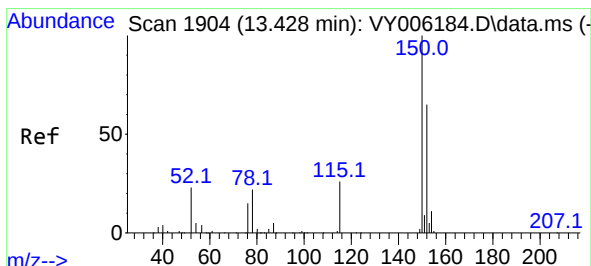
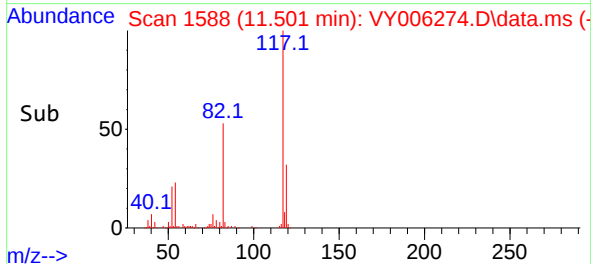
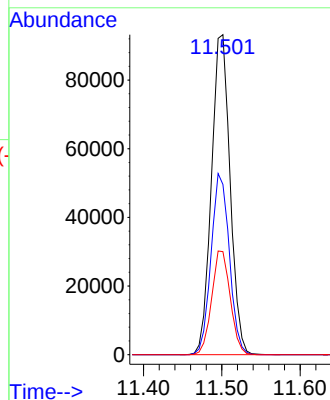
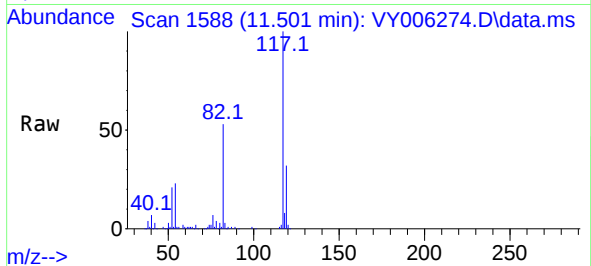


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.501 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY006274.D
Acq: 04 Oct 2021 14:22

Instrument :
MSVOA_Y
ClientSampleId :
VY1004SBL01

Tgt Ion:117 Resp: 154158

Ion	Ratio	Lower	Upper
117	100		
82	53.2	43.0	64.4
119	32.2	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006274.D
Acq: 04 Oct 2021 14:22

Tgt Ion:152 Resp: 79699

Ion	Ratio	Lower	Upper
152	100		
115	55.8	28.2	84.7
150	158.3	0.0	347.6

