

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030822\
 Data File : VY007787.D
 Acq On : 08 Mar 2022 18:01
 Operator : SY/MD
 Sample : N1763-01
 Misc : 5.96g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 21-22-SAMPLE-LOCATION-11

Quant Time: Mar 09 00:28:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	235581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	386655	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	344957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	143739	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	136511	55.350	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.700%
35) Dibromofluoromethane	7.722	113	131673	53.266	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.540%
50) Toluene-d8	10.179	98	461414	50.707	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.420%
62) 4-Bromofluorobenzene	12.483	95	134290	45.783	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.560%

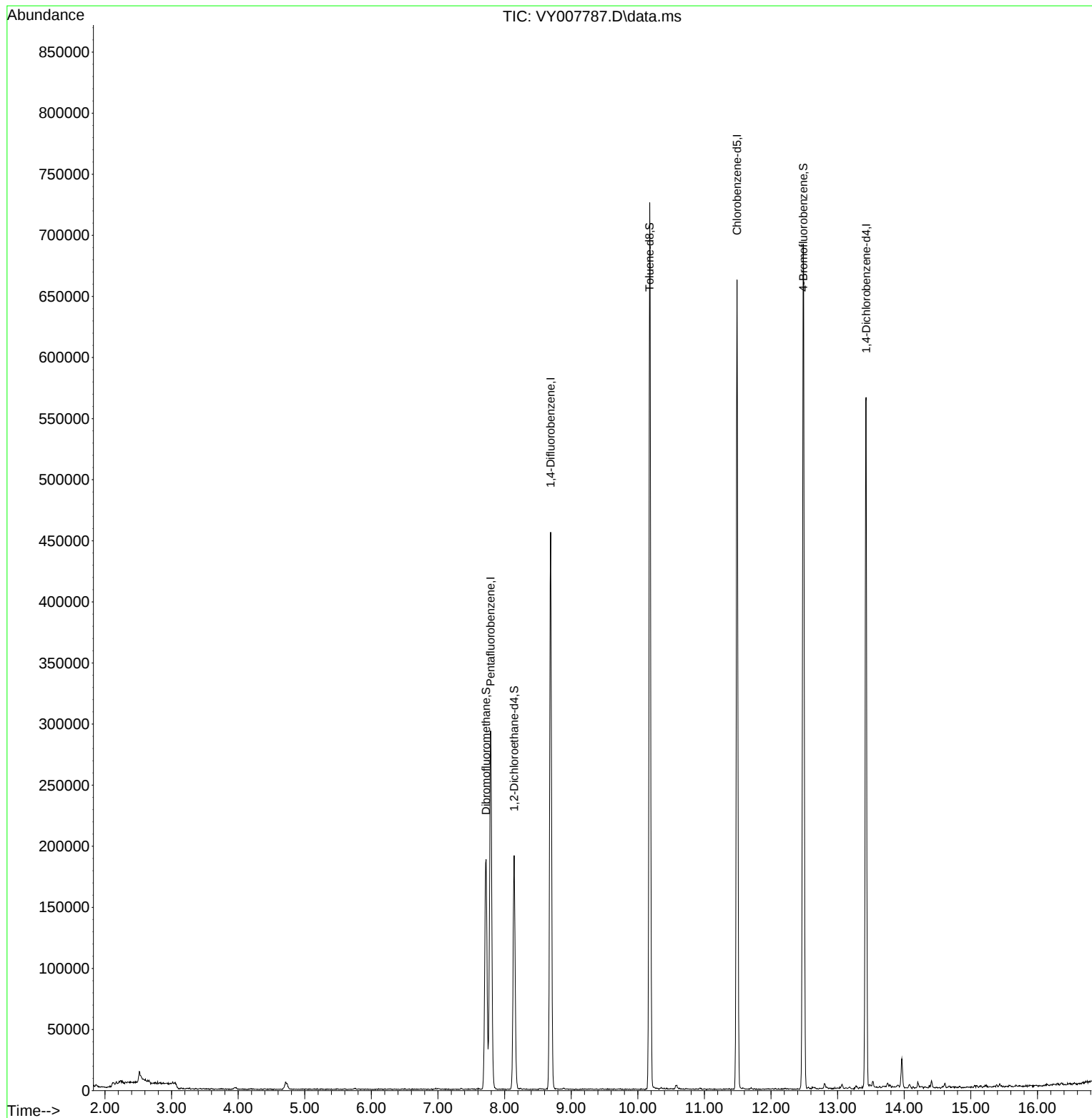
Target Compounds	Qvalue

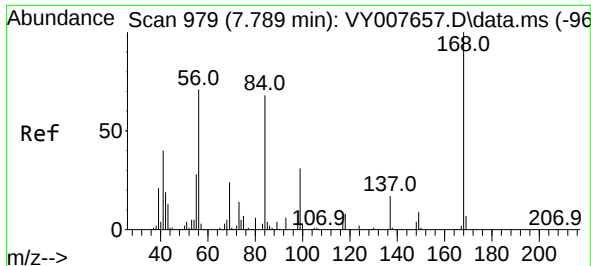
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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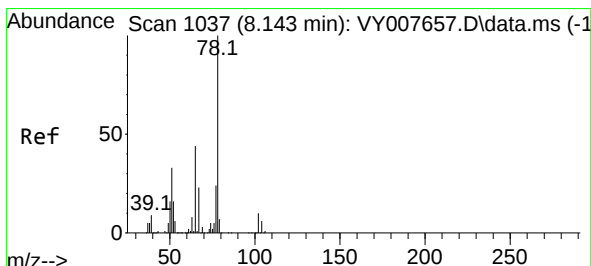
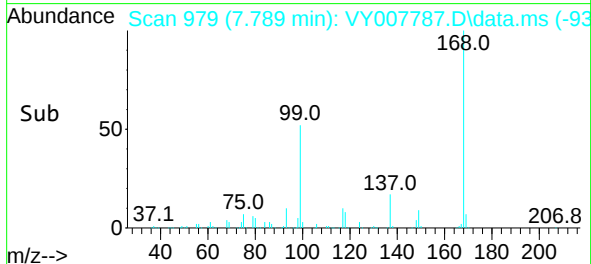
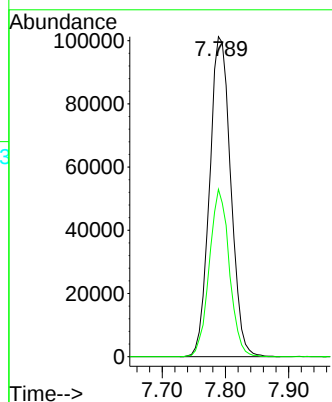
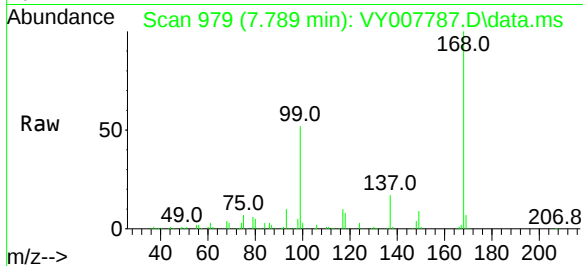




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007787.D
Acq: 08 Mar 2022 18:01

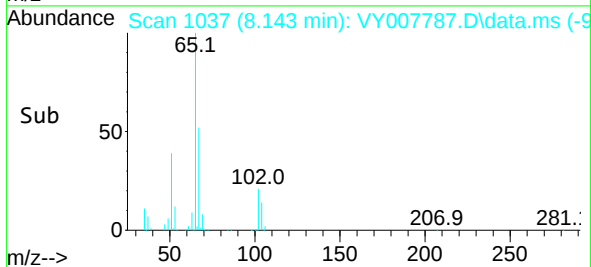
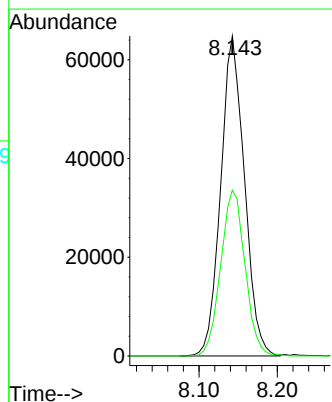
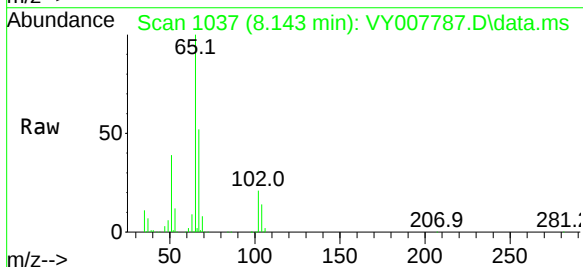
Instrument :
MSVOA_Y
ClientSampleId :
21-22-SAMPLE-LOCATION-11

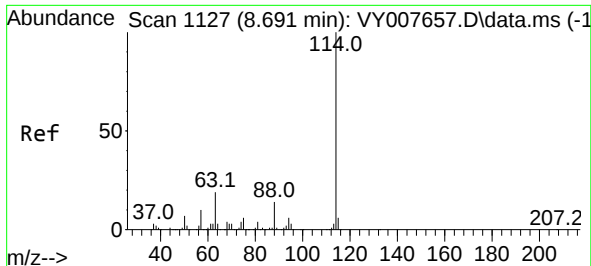
Tgt Ion:168 Resp: 235581
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 55.350 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007787.D
Acq: 08 Mar 2022 18:01

Tgt Ion: 65 Resp: 136511
Ion Ratio Lower Upper
65 100
67 53.1 0.0 99.4

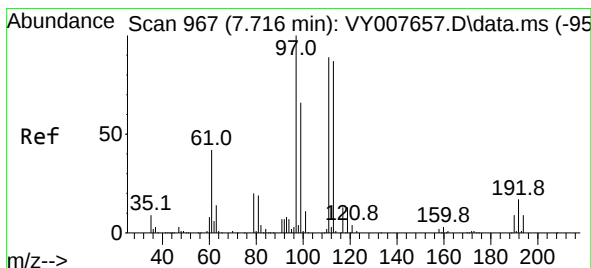
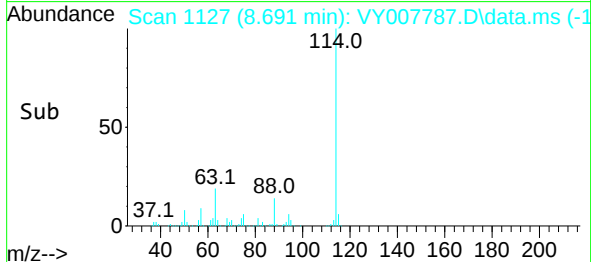
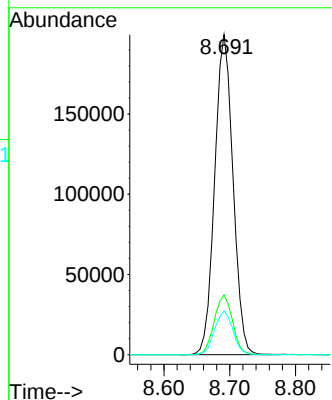
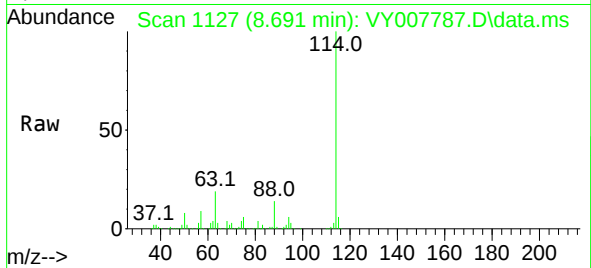




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY007787.D
 Acq: 08 Mar 2022 18:01

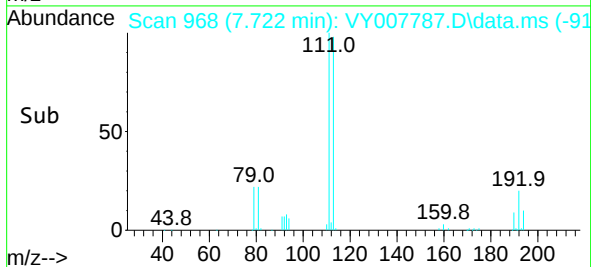
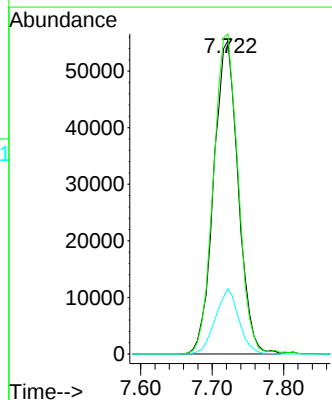
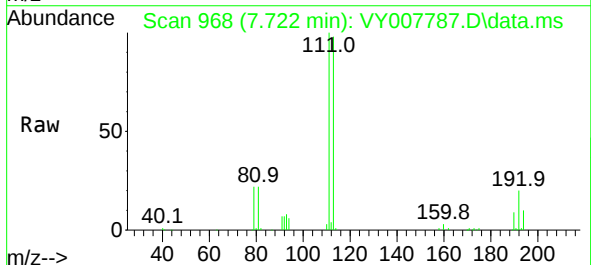
Instrument : MSVOA_Y
 ClientSampleId : 21-22-SAMPLE-LOCATION-11

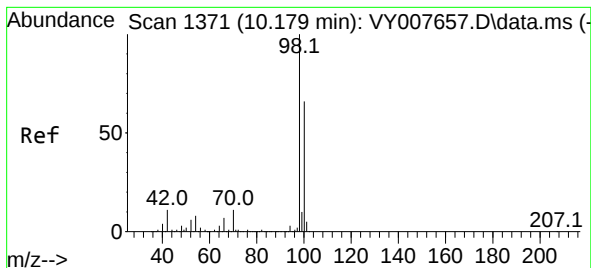
Tgt Ion:	114	Resp:	386655
Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	43.2
88	13.7	0.0	31.8



#35
 Dibromofluoromethane
 Concen: 53.266 ug/l
 RT: 7.722 min Scan# 968
 Delta R.T. 0.006 min
 Lab File: VY007787.D
 Acq: 08 Mar 2022 18:01

Tgt Ion:	113	Resp:	131673
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	124.0
192	19.9	17.6	26.4

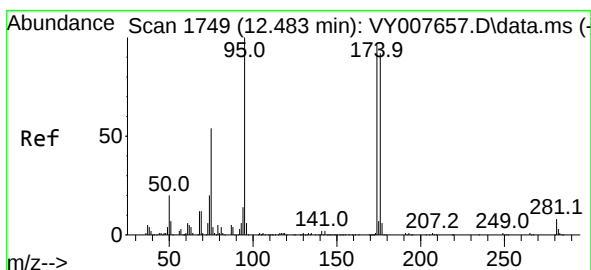
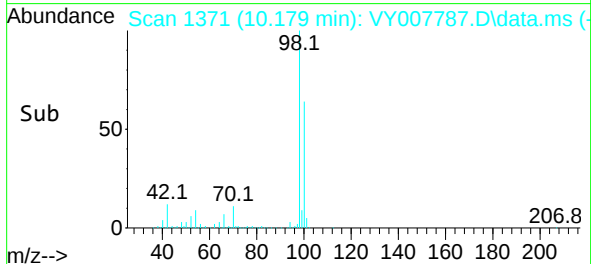
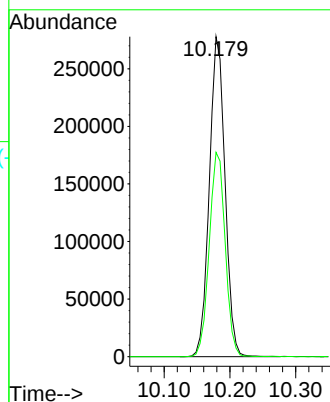
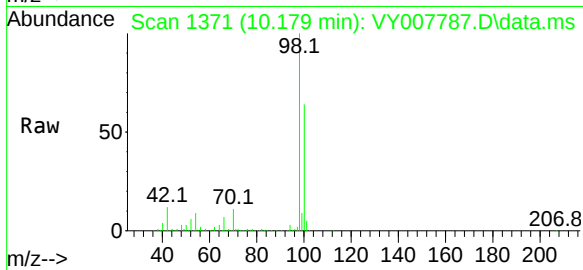




#50
Toluene-d8
Concen: 50.707 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007787.D
Acq: 08 Mar 2022 18:01

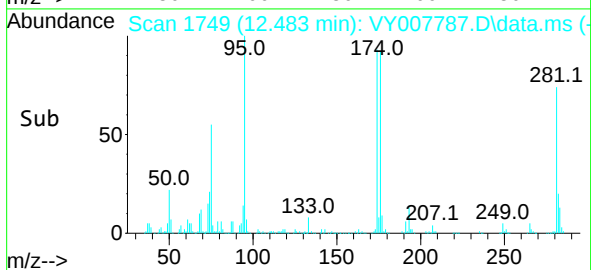
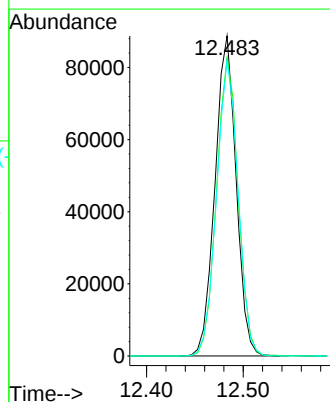
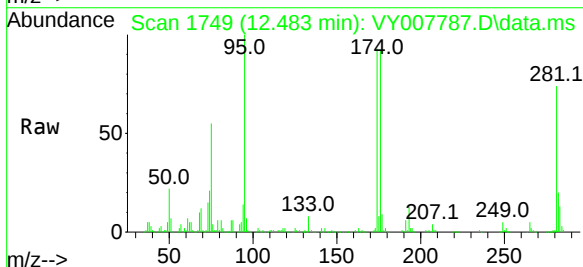
Instrument : MSVOA_Y
ClientSampleId : 21-22-SAMPLE-LOCATION-11

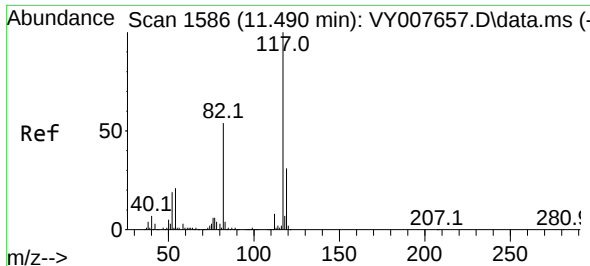
Tgt Ion: 98 Resp: 461414
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.783 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007787.D
Acq: 08 Mar 2022 18:01

Tgt Ion: 95 Resp: 134290
Ion Ratio Lower Upper
95 100
174 95.2 0.0 177.0
176 94.1 0.0 175.8

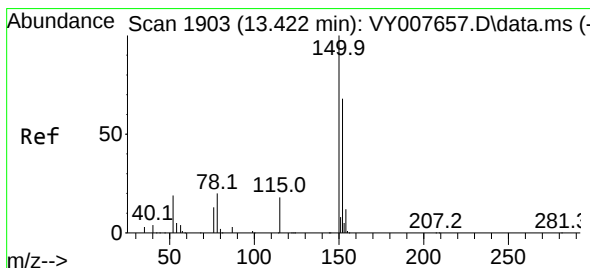
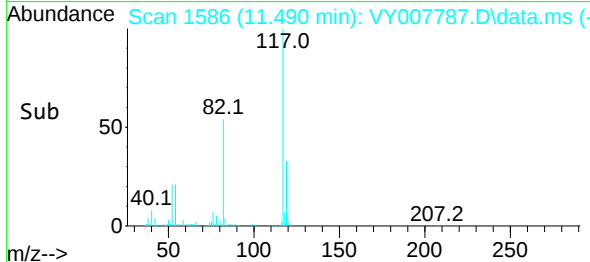
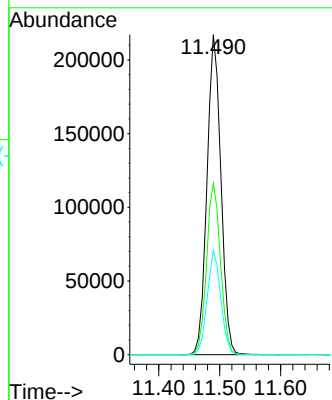
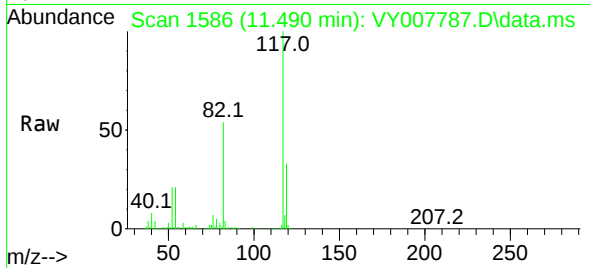




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007787.D
Acq: 08 Mar 2022 18:01

Instrument :
MSVOA_Y
ClientSampleId :
21-22-SAMPLE-LOCATION-11

Tgt Ion:117 Resp: 344957
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007787.D
Acq: 08 Mar 2022 18:01

Tgt Ion:152 Resp: 143739
Ion Ratio Lower Upper
152 100
115 54.7 28.2 84.7
150 158.4 0.0 347.6

