

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090721\
 Data File : VY005953.D
 Acq On : 07 Sep 2021 18:44
 Operator : SY/MD
 Sample : M3668-03
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-1A

Quant Time: Sep 08 02:15:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

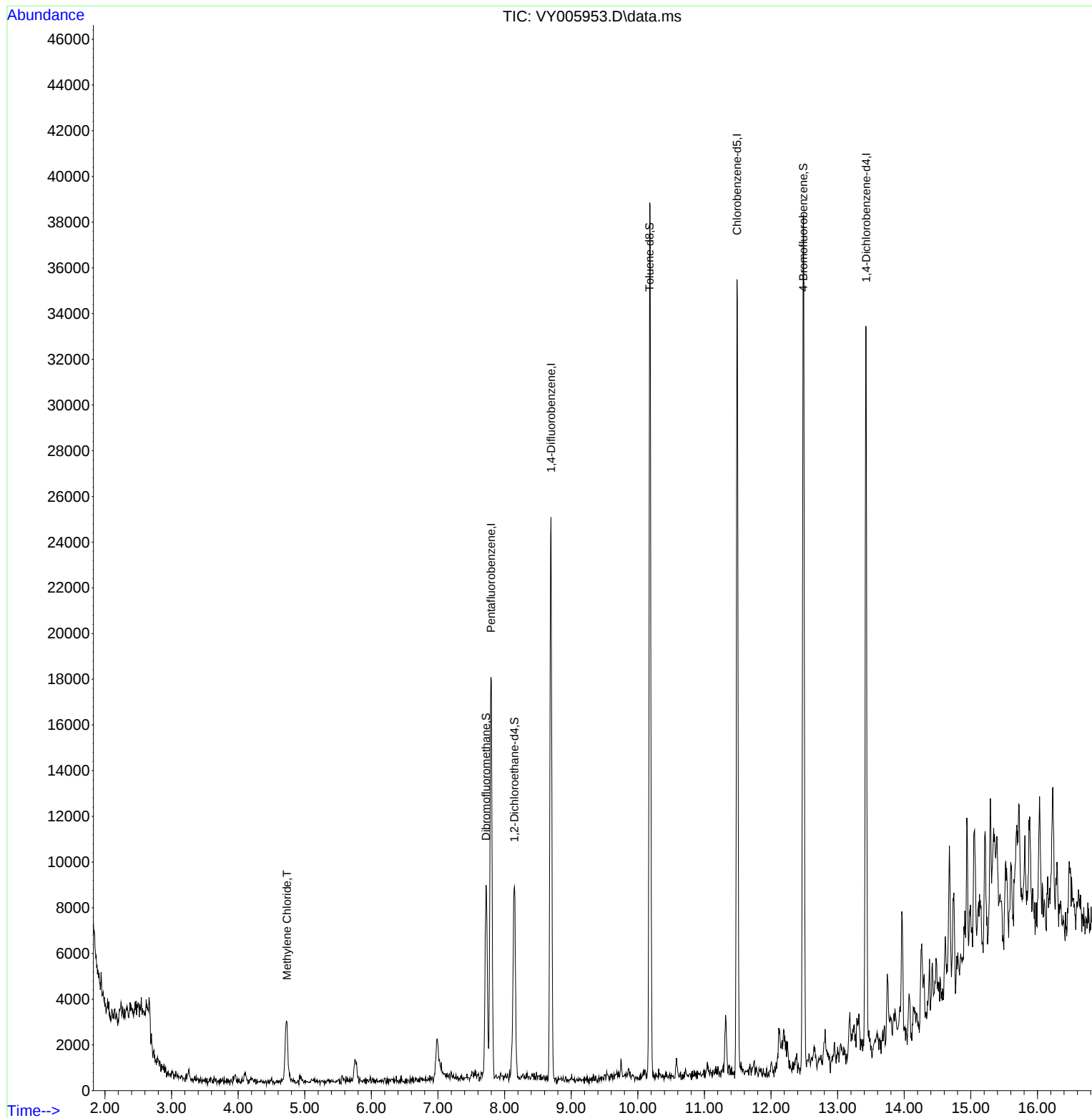
Internal Standards						
1) Pentafluorobenzene	7.795	168	15349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	21761	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	19835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8654	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	6788	43.885	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.780%
35) Dibromofluoromethane	7.722	113	5912	48.376	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.760%
50) Toluene-d8	10.179	98	26429	51.529	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.060%
62) 4-Bromofluorobenzene	12.483	95	8183	47.515	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.020%
Target Compounds						
20) Methylene Chloride	4.735	84	2103	9.895	ug/l	Qvalue 89

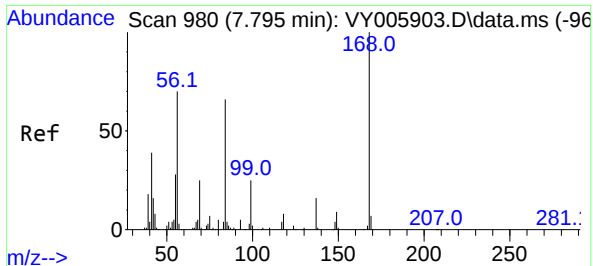
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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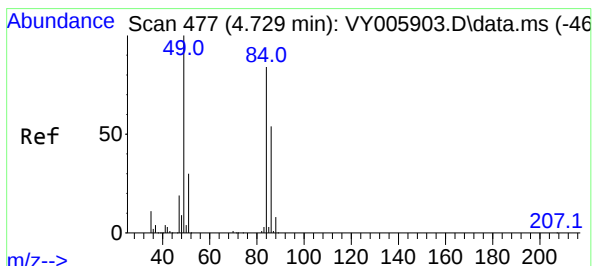
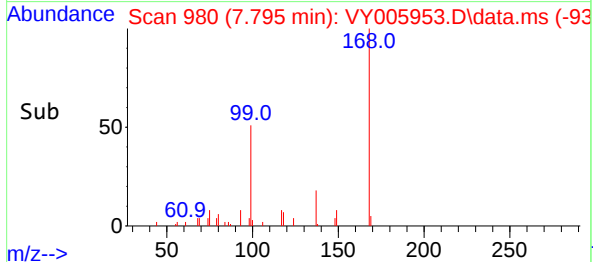
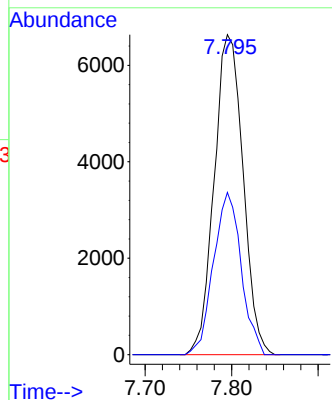
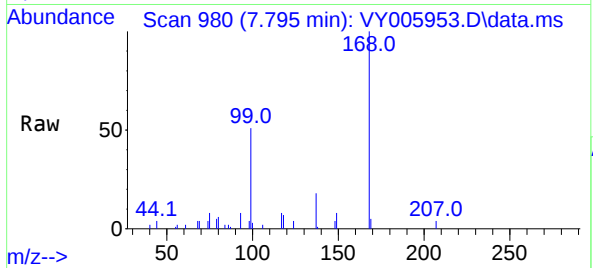




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005953.D
Acq: 07 Sep 2021 18:44

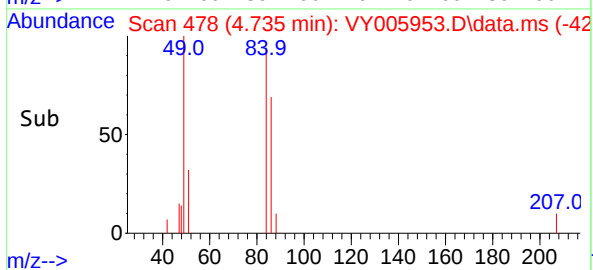
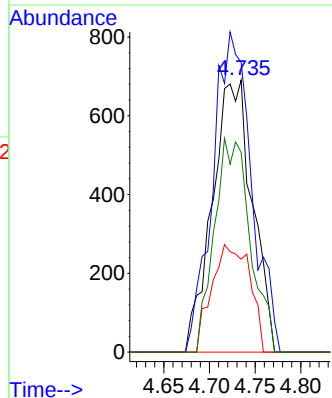
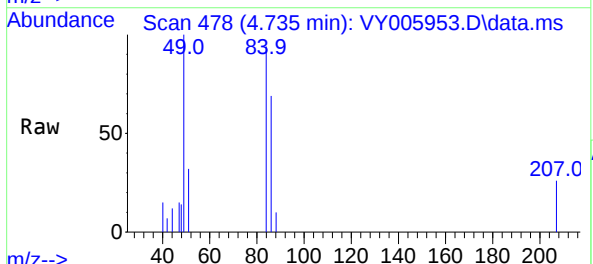
Instrument :
MSVOA_Y
ClientSampleId :
SP-1A

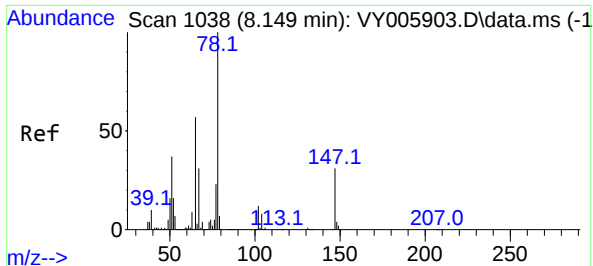
Tgt Ion:168 Resp: 15349
Ion Ratio Lower Upper
168 100
99 50.7 40.6 60.8



#20
Methylene Chloride
Concen: 9.895 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY005953.D
Acq: 07 Sep 2021 18:44

Tgt Ion: 84 Resp: 2103
Ion Ratio Lower Upper
84 100
49 106.5 95.7 143.5
51 34.2 29.0 43.6
86 73.4 51.2 76.8

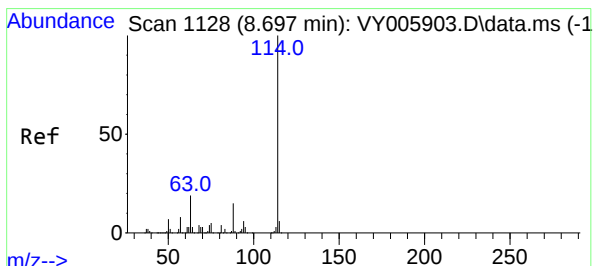
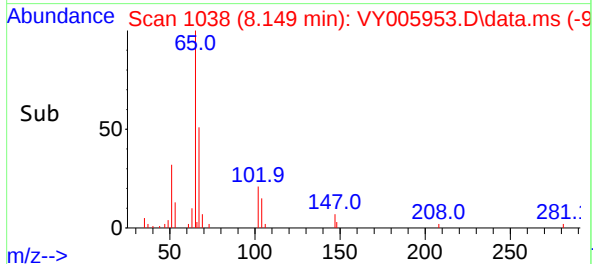
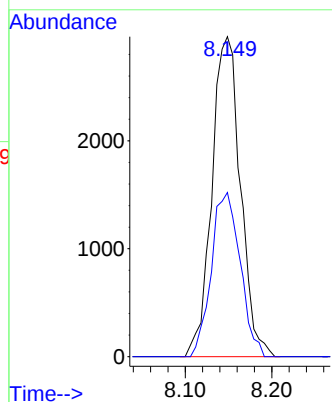
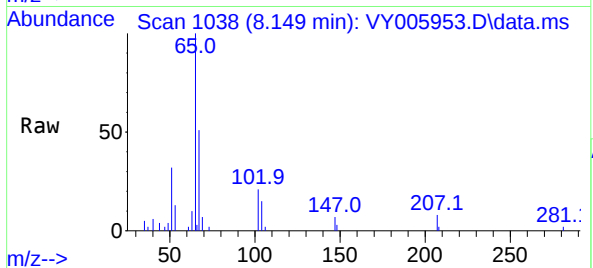




#33
1,2-Dichloroethane-d4
Concen: 43.885 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005953.D
Acq: 07 Sep 2021 18:44

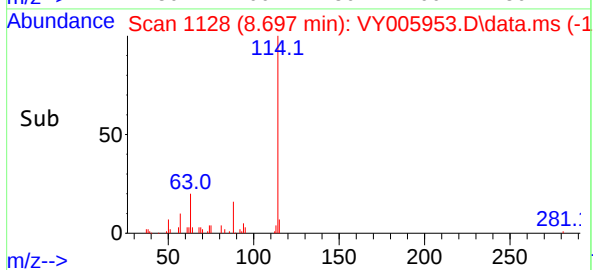
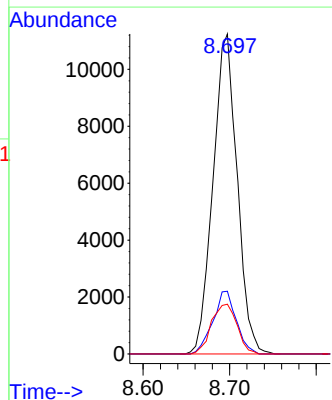
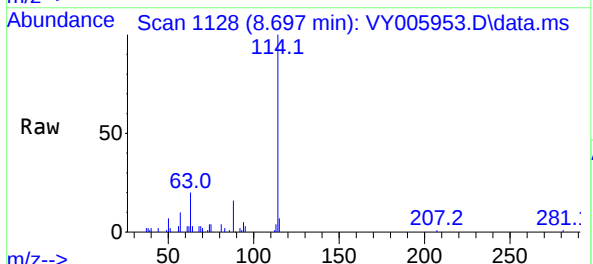
Instrument :
MSVOA_Y
ClientSampleId :
SP-1A

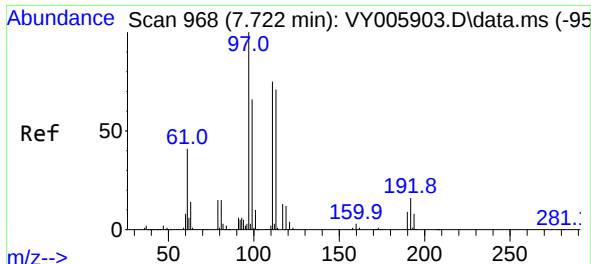
Tgt Ion: 65 Resp: 6788
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005953.D
Acq: 07 Sep 2021 18:44

Tgt Ion:114 Resp: 21761
Ion Ratio Lower Upper
114 100
63 19.6 0.0 38.4
88 15.6 0.0 30.0

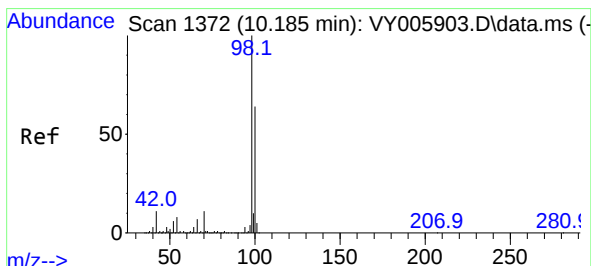
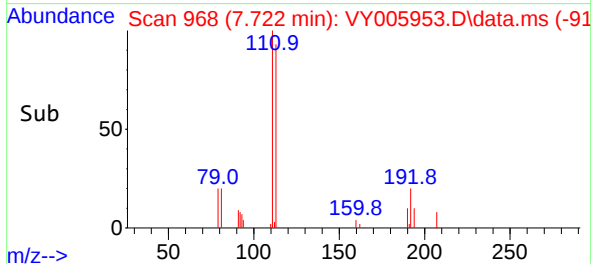
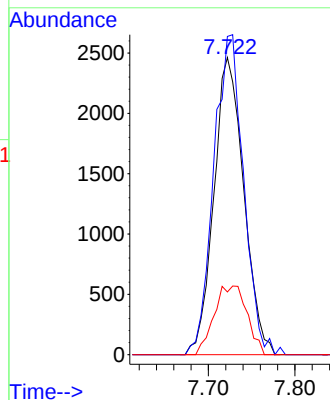
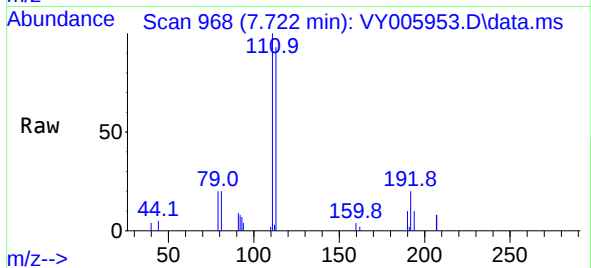




#35
Dibromofluoromethane
Concen: 48.376 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY005953.D
Acq: 07 Sep 2021 18:44

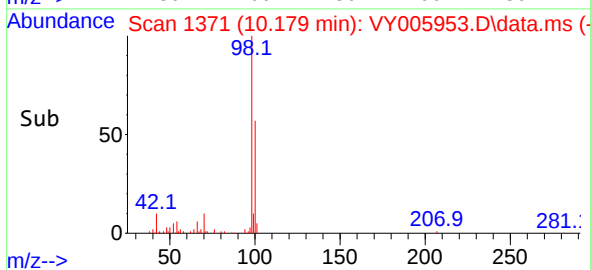
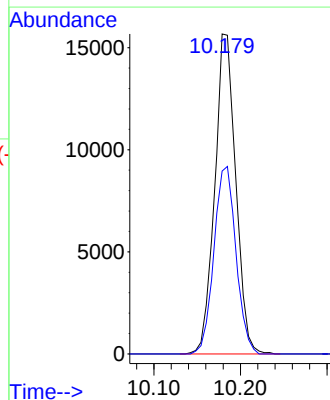
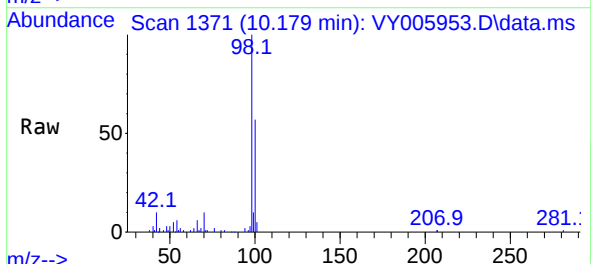
Instrument :
MSVOA_Y
ClientSampleId :
SP-1A

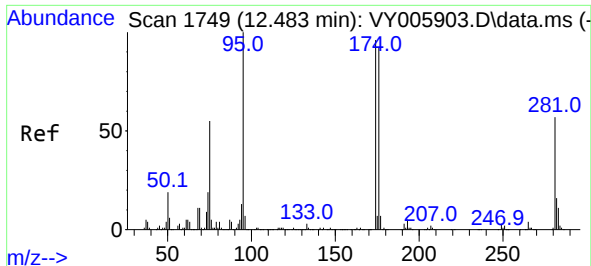
Tgt Ion:	113	Resp:	5912
Ion	Ratio	Lower	Upper
113	100		
111	107.5	81.9	122.9
192	25.4	19.4	29.0



#50
Toluene-d8
Concen: 51.529 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY005953.D
Acq: 07 Sep 2021 18:44

Tgt Ion:	98	Resp:	26429
Ion	Ratio	Lower	Upper
98	100		
100	61.3	50.9	76.3

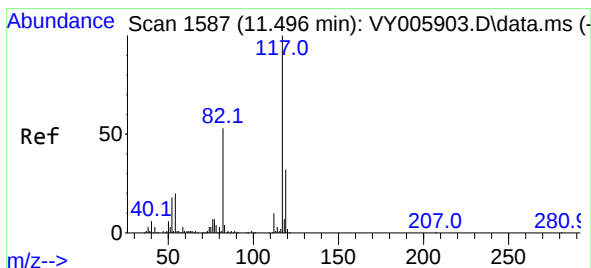
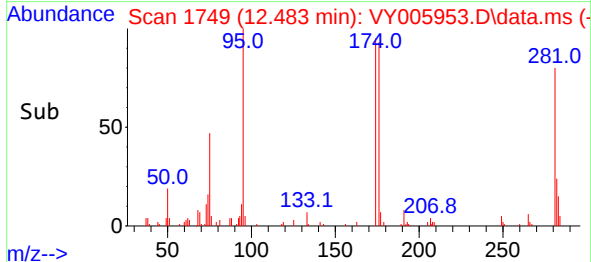
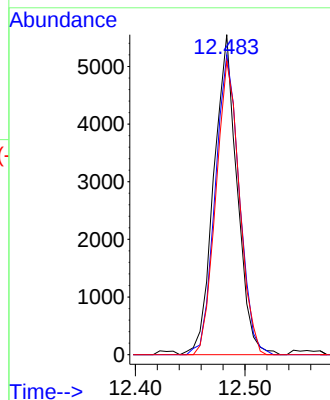
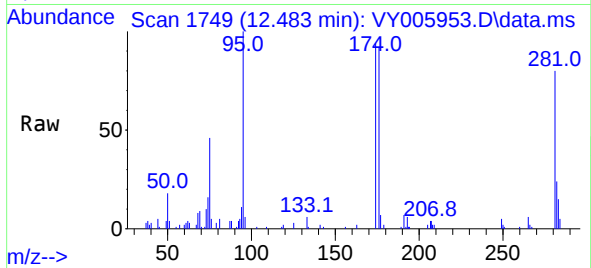




#62
4-Bromofluorobenzene
Concen: 47.515 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005953.D
Acq: 07 Sep 2021 18:44

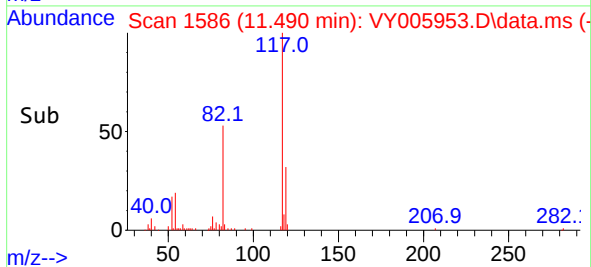
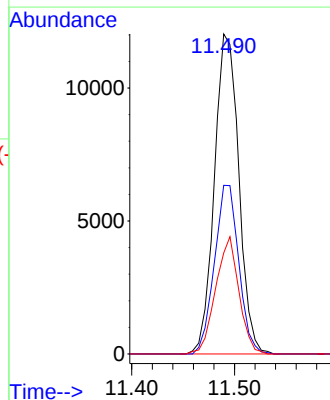
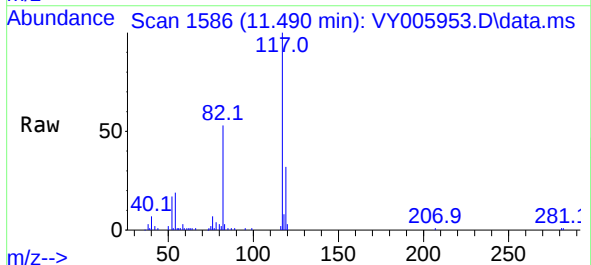
Instrument :
MSVOA_Y
ClientSampleId :
SP-1A

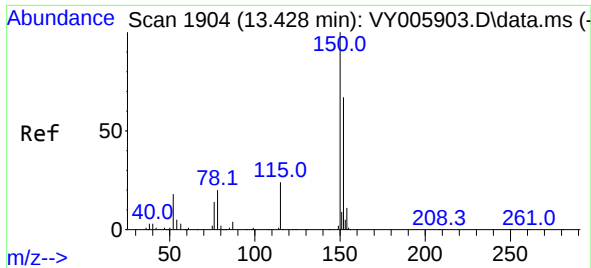
Tgt Ion:	95	Resp:	8183
Ion	Ratio	Lower	Upper
95	100		
174	96.9	0.0	192.4
176	92.6	0.0	186.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005953.D
Acq: 07 Sep 2021 18:44

Tgt Ion:	117	Resp:	19835
Ion	Ratio	Lower	Upper
117	100		
82	52.7	42.4	63.6
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: VY005953.D
Acq: 07 Sep 2021 18:44

Instrument :
MSVOA_Y
ClientSampled :
SP-1A

Tgt Ion:152 Resp: 8654
Ion Ratio Lower Upper
152 100
115 56.6 26.8 80.4
150 150.2 0.0 345.6

