

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091622\
 Data File : VY010543.D
 Acq On : 16 Sep 2022 18:24
 Operator : KP/MD
 Sample : N4630-04
 Misc : 3.81g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-17-4-1-GR

Quant Time: Sep 17 00:30:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

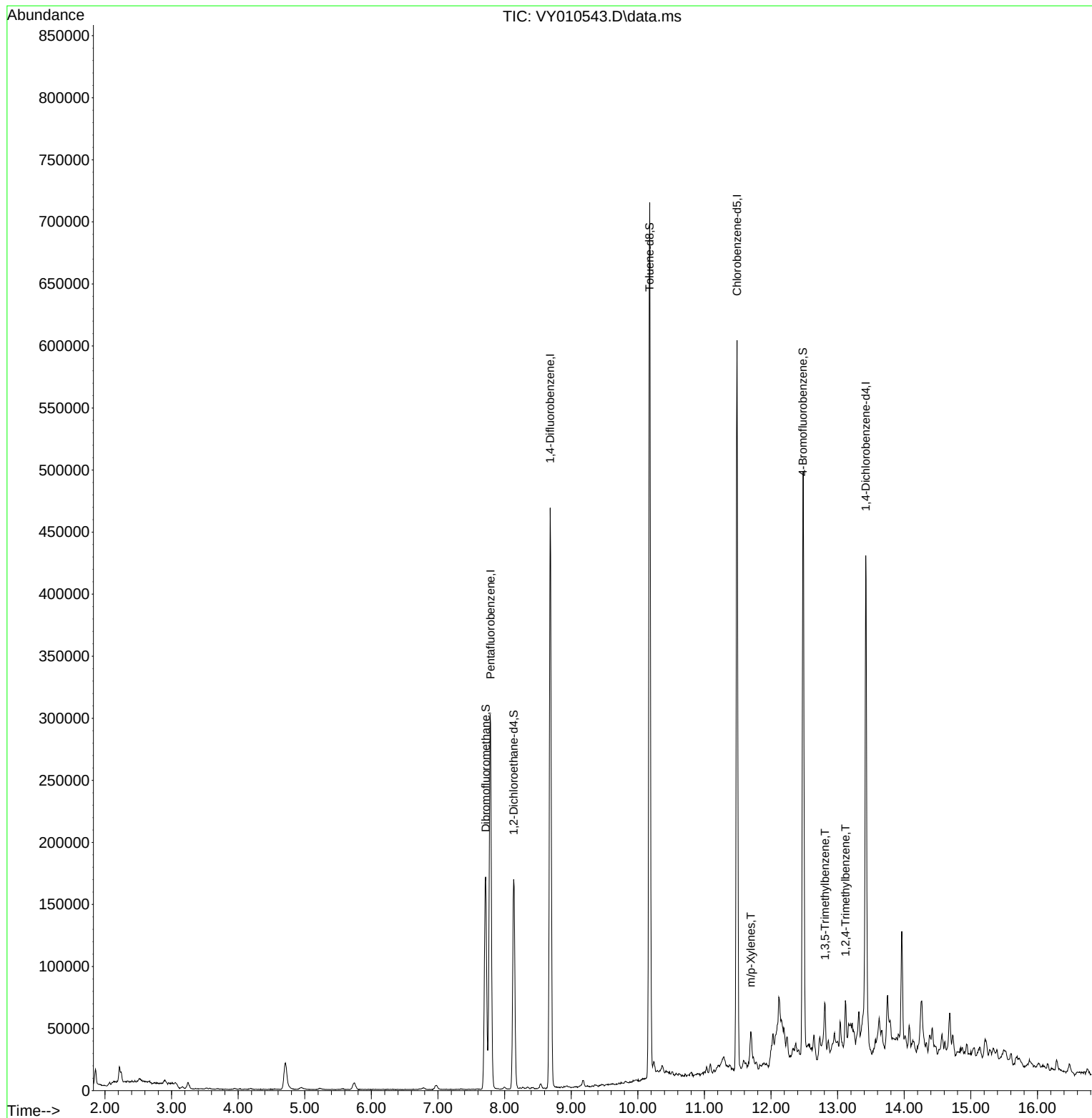
Internal Standards						
1) Pentafluorobenzene	7.789	168	239081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	400873	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	321494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	96952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	134270	55.761	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.520%
35) Dibromofluoromethane	7.716	113	121800	42.781	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.560%
50) Toluene-d8	10.179	98	460812	49.942	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.880%
62) 4-Bromofluorobenzene	12.477	95	122662	31.227	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	62.460%
Target Compounds						
						Qvalue
68) m/p-Xylenes	11.697	106	8527	1.707	ug/l	85
80) 1,3,5-Trimethylbenzene	12.812	105	8218	1.288	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	20296	3.250	ug/l	99

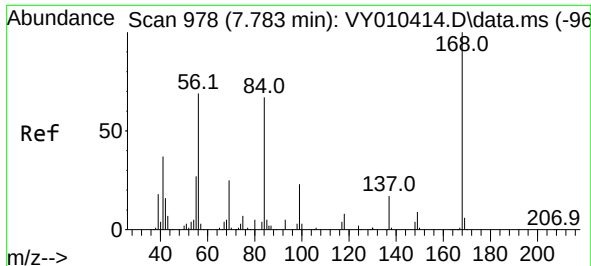
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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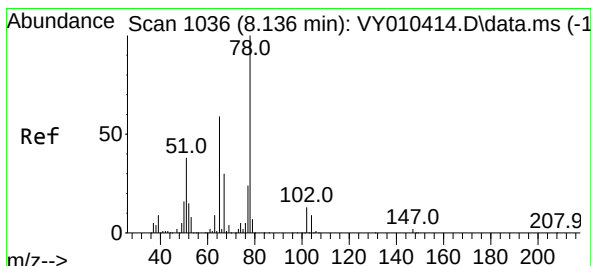
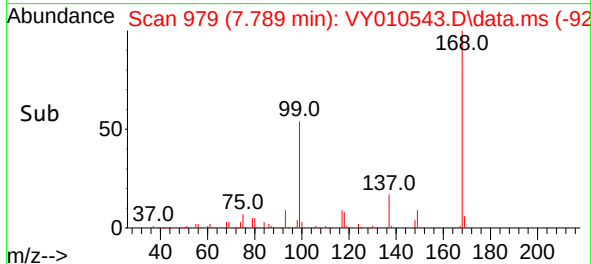
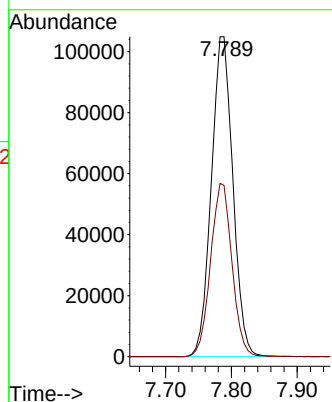
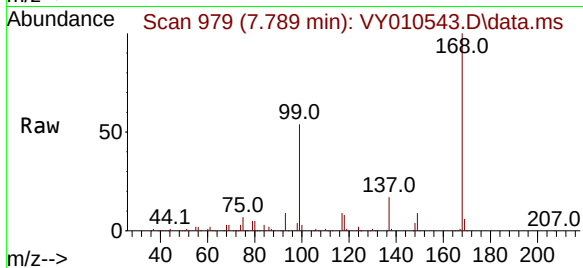




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010543.D
Acq: 16 Sep 2022 18:24

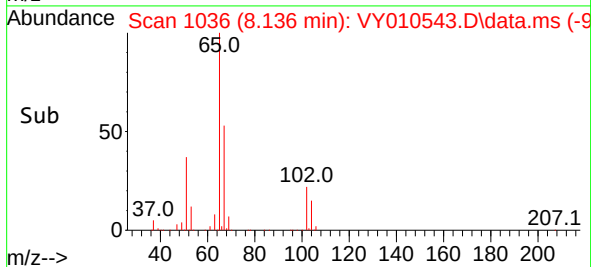
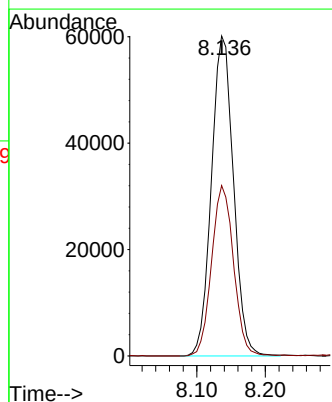
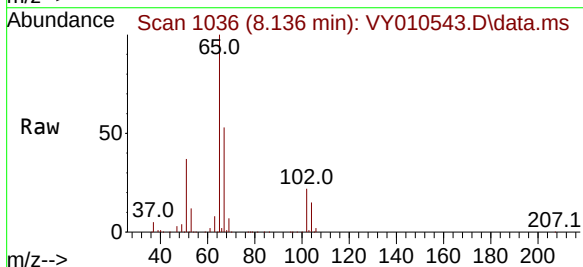
Instrument :
MSVOA_Y
ClientSampleId :
WC-17-4-1-GR

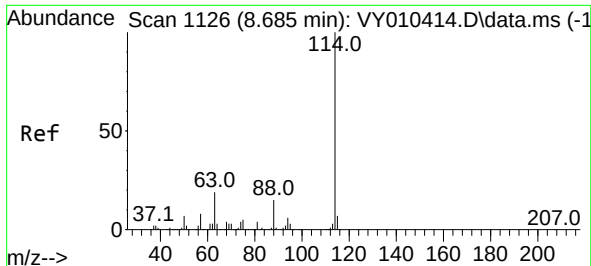
Tgt Ion:168 Resp: 239081
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 55.761 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010543.D
Acq: 16 Sep 2022 18:24

Tgt Ion: 65 Resp: 134270
Ion Ratio Lower Upper
65 100
67 53.0 0.0 99.4

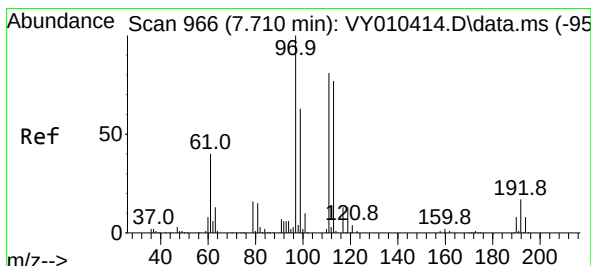
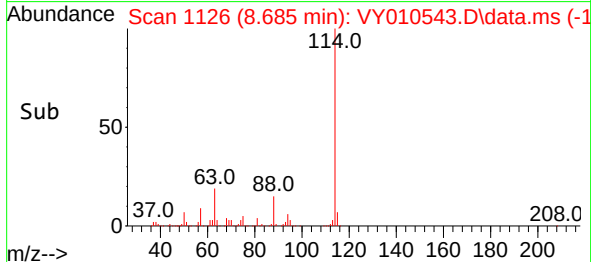
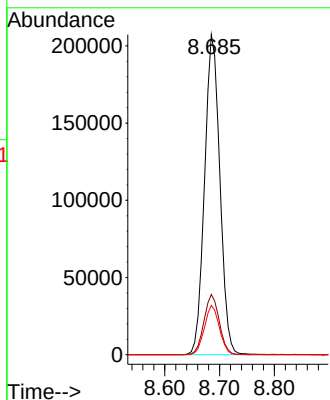
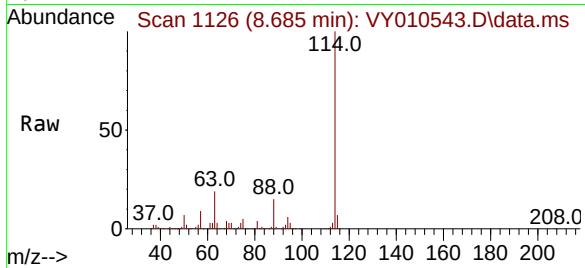




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY010543.D
Acq: 16 Sep 2022 18:24

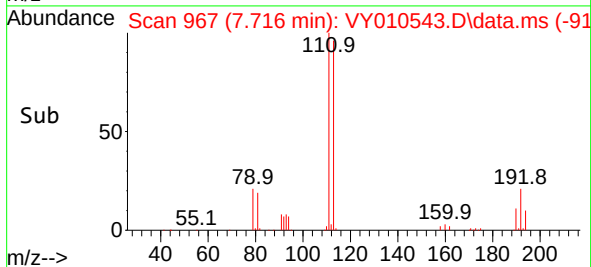
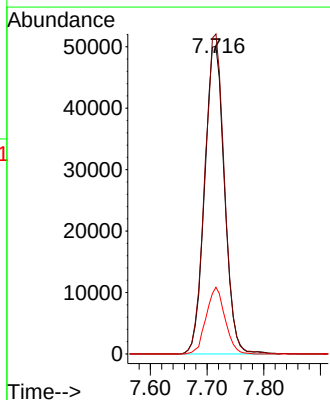
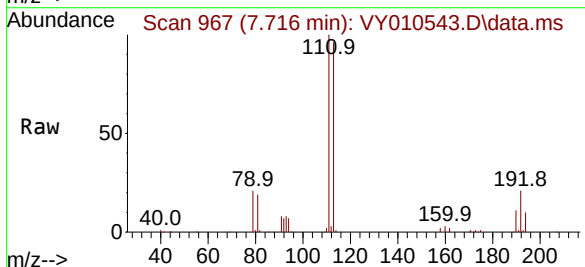
Instrument :
MSVOA_Y
ClientSampleId :
WC-17-4-1-GR

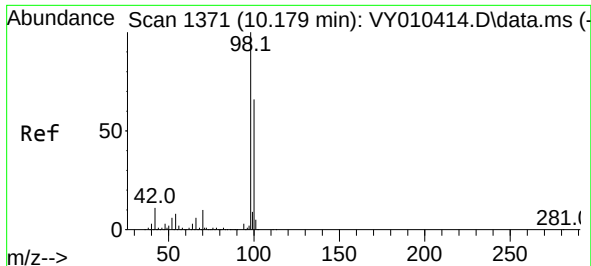
Tgt Ion:114 Resp: 400873
Ion Ratio Lower Upper
114 100
63 18.8 0.0 43.2
88 15.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 42.781 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY010543.D
Acq: 16 Sep 2022 18:24

Tgt Ion:113 Resp: 121800
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 20.6 17.6 26.4

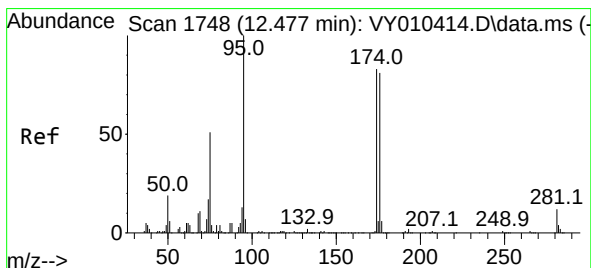
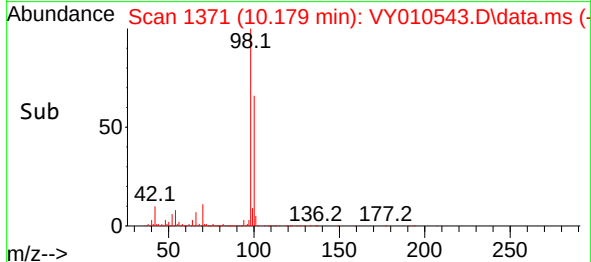
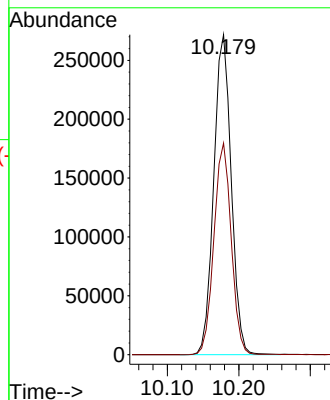
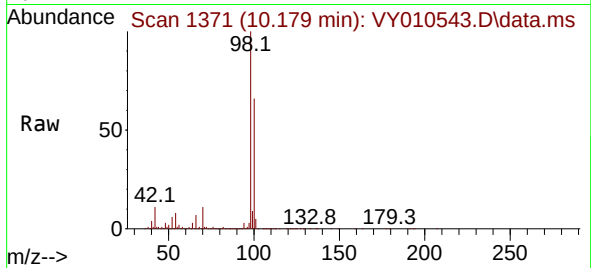




#50
Toluene-d8
Concen: 49.942 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010543.D
Acq: 16 Sep 2022 18:24

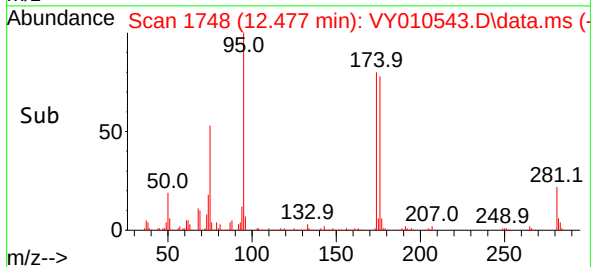
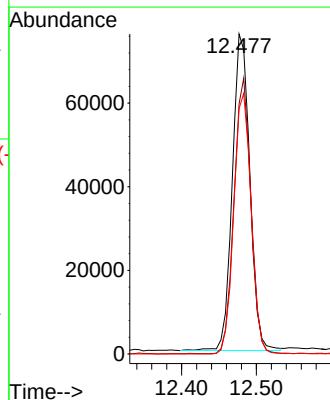
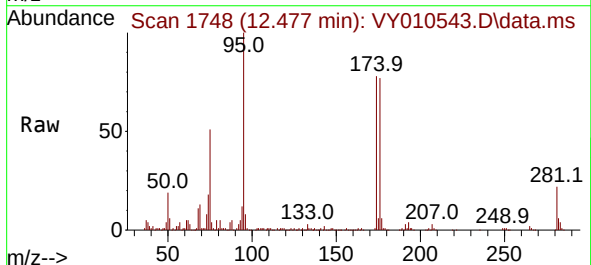
Instrument :
MSVOA_Y
ClientSampleId :
WC-17-4-1-GR

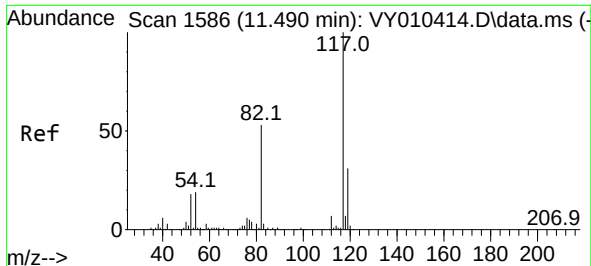
Tgt Ion: 98 Resp: 460812
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 31.227 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010543.D
Acq: 16 Sep 2022 18:24

Tgt Ion: 95 Resp: 122662
Ion Ratio Lower Upper
95 100
174 84.5 0.0 177.0
176 81.8 0.0 175.8

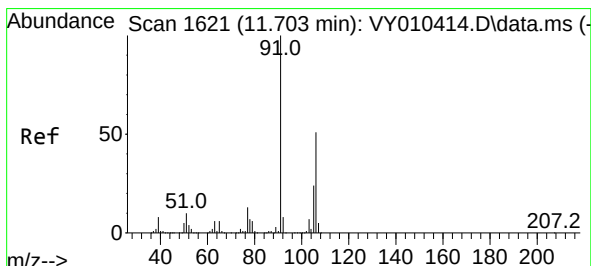
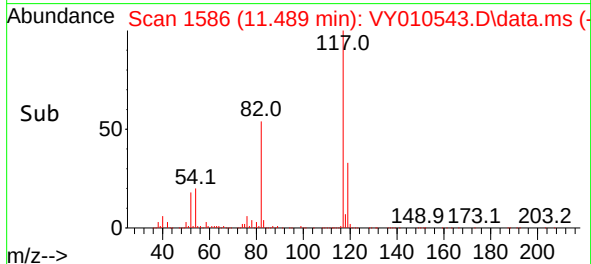
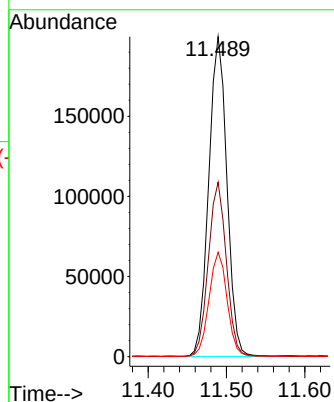
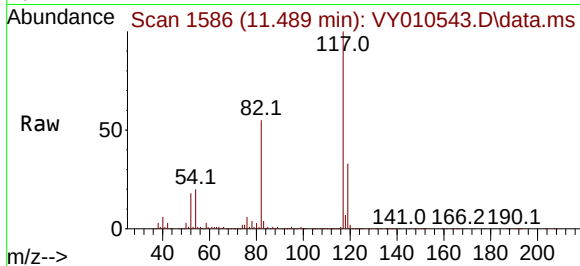




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010543.D
Acq: 16 Sep 2022 18:24

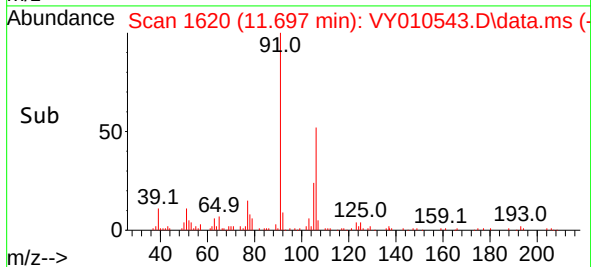
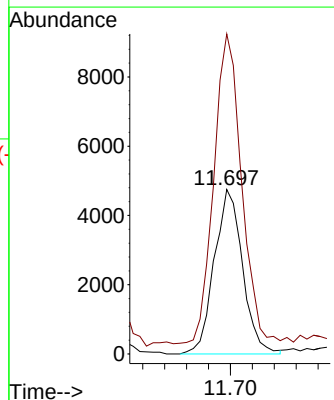
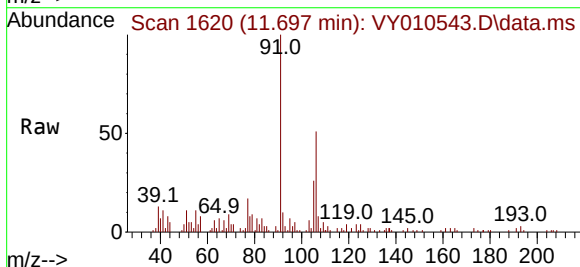
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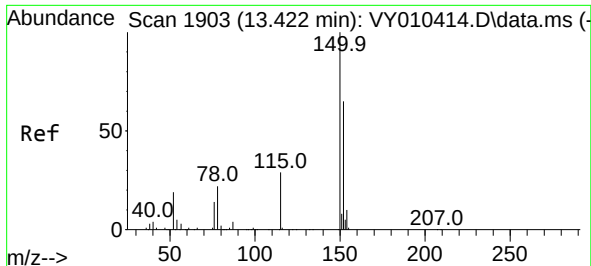
Tgt Ion:	117	Resp:	321494
Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.0	64.4
119	32.6	25.4	38.0



#68
m/p-Xylenes
Concen: 1.707 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY010543.D
Acq: 16 Sep 2022 18:24

Tgt Ion:	106	Resp:	8527
Ion	Ratio	Lower	Upper
106	100		
91	184.3	166.6	249.8

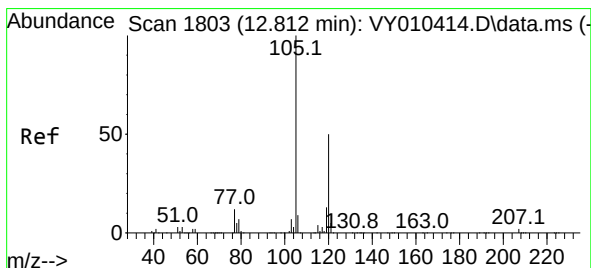
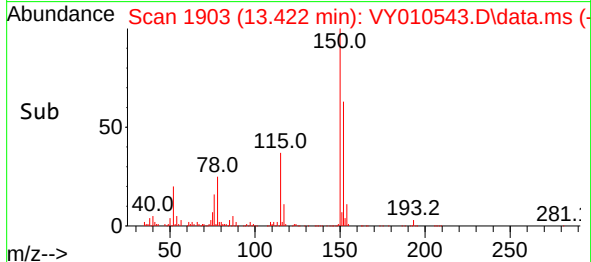
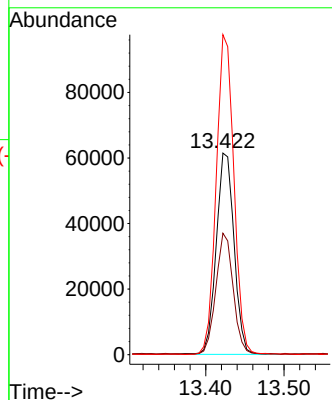
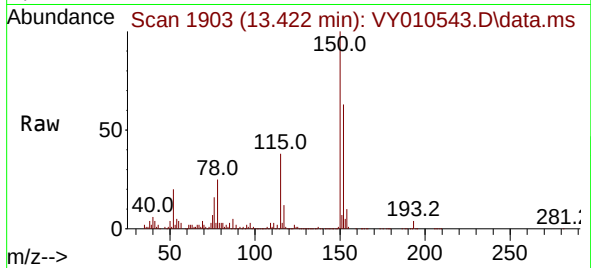




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY010543.D
 Acq: 16 Sep 2022 18:24

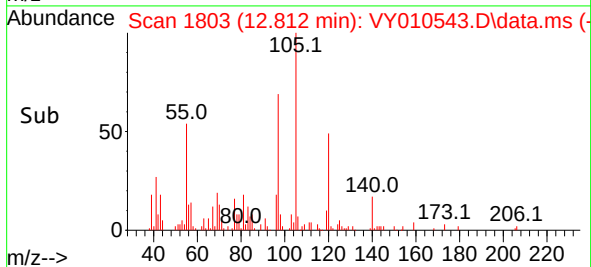
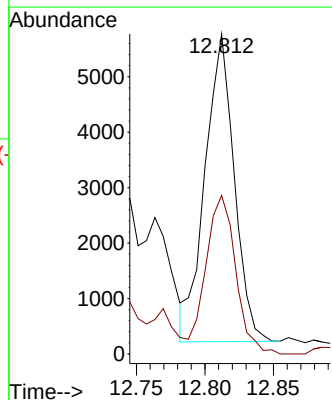
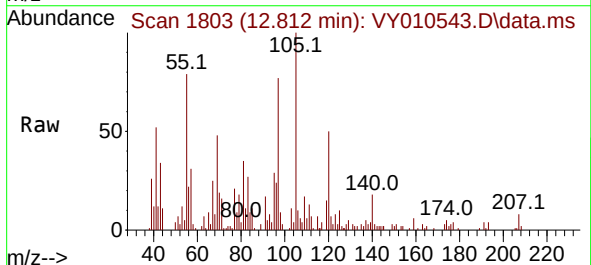
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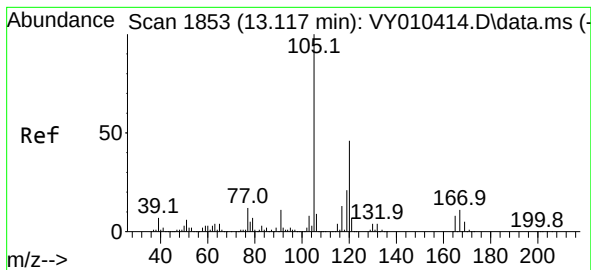
Tgt Ion:152 Resp: 96952
 Ion Ratio Lower Upper
 152 100
 115 58.1 28.2 84.7
 150 157.9 0.0 347.6



#80
 1,3,5-Trimethylbenzene
 Concen: 1.288 ug/l
 RT: 12.812 min Scan# 1803
 Delta R.T. 0.000 min
 Lab File: VY010543.D
 Acq: 16 Sep 2022 18:24

Tgt Ion:105 Resp: 8218
 Ion Ratio Lower Upper
 105 100
 120 52.2 24.4 73.4





#84

1,2,4-Trimethylbenzene

Concen: 3.250 ug/l

RT: 13.117 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010543.D

Acq: 16 Sep 2022 18:24

Instrument :

MSVOA_Y

ClientSampleId :

WC-17-4-1-GR

Tgt Ion:105 Resp: 20296

Ion Ratio Lower Upper

105 100

120 45.5 22.3 66.9

