

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040324\
 Data File : VY017835.D
 Acq On : 03 Apr 2024 14:59
 Operator : SY/MD
 Sample : P1952-09
 Misc : 6.79g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-C-GRAB

Quant Time: Apr 04 01:12:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

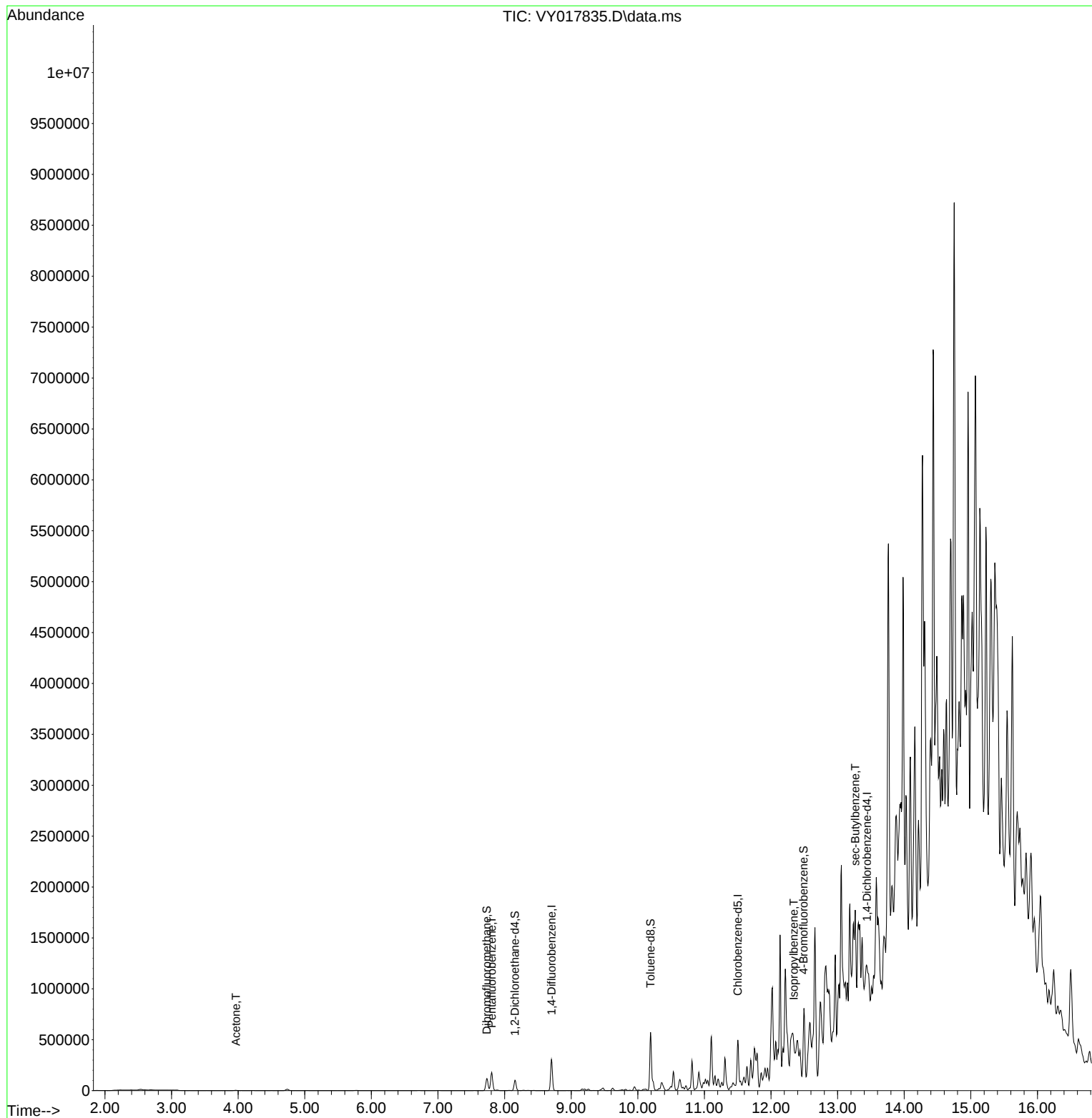
Internal Standards						
1) Pentafluorobenzene	7.807	168	141213	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	263484	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	240328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	128695	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	80057	65.515	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.020%	
35) Dibromofluoromethane	7.734	113	83918	55.118	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.240%	
50) Toluene-d8	10.191	98	325538	57.239	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.480%	
62) 4-Bromofluorobenzene	12.489	95	126729	73.239	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 146.480%#	
Target Compounds						
						Qvalue
16) Acetone	3.967	43	5482	21.703	ug/l	88
73) Isopropylbenzene	12.343	105	24067	2.668	ug/l	96
85) sec-Butylbenzene	13.264	105	294154	30.626	ug/l #	74

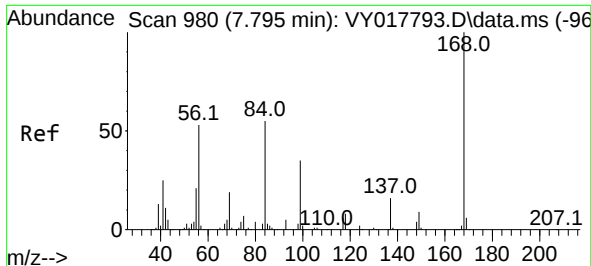
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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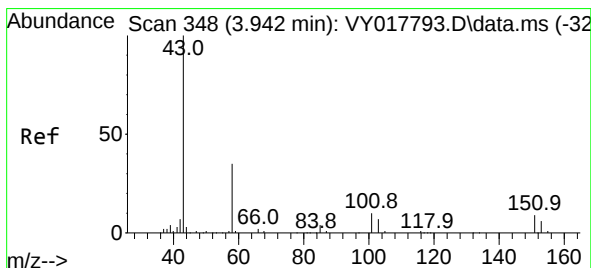
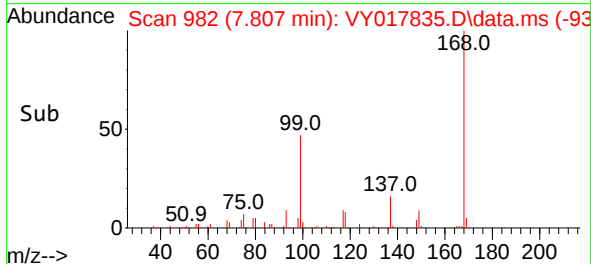
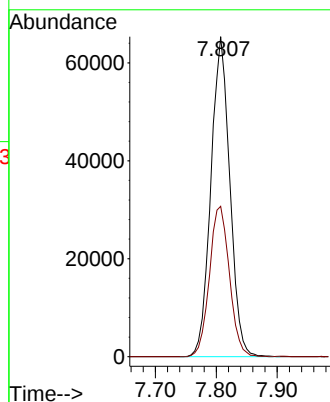
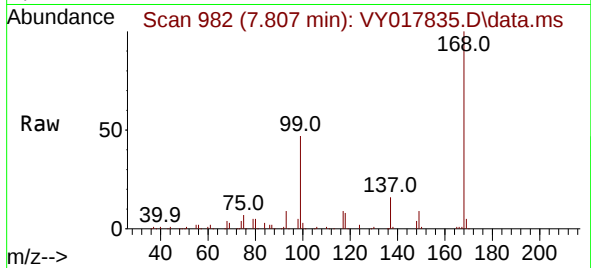




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017835.D
Acq: 03 Apr 2024 14:59

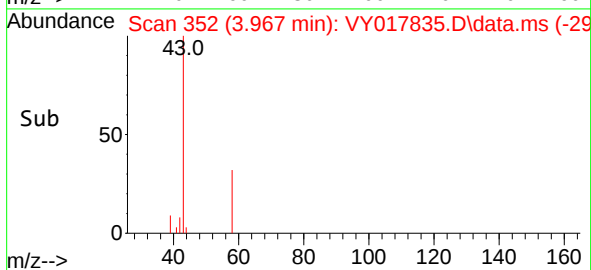
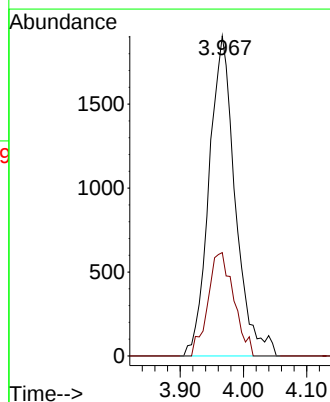
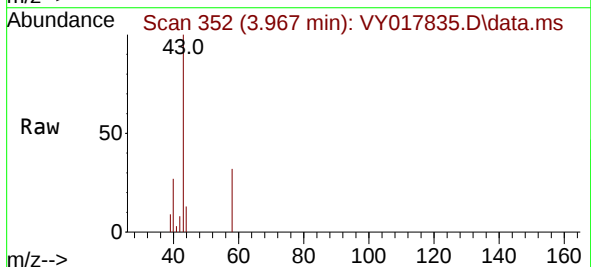
Instrument :
MSVOA_Y
ClientSampleId :
WC-C-GRAB

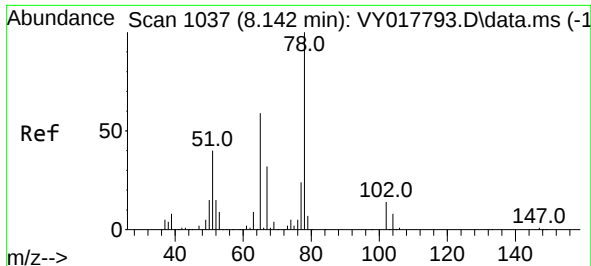
Tgt Ion:168 Resp: 141213
Ion Ratio Lower Upper
168 100
99 47.0 39.1 58.7



#16
Acetone
Concen: 21.703 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.025 min
Lab File: VY017835.D
Acq: 03 Apr 2024 14:59

Tgt Ion: 43 Resp: 5482
Ion Ratio Lower Upper
43 100
58 32.3 31.7 47.5





#33

1,2-Dichloroethane-d4

Concen: 65.515 ug/l

RT: 8.155 min Scan# 1109

Delta R.T. 0.012 min

Lab File: VY017835.D

Acq: 03 Apr 2024 14:59

Instrument :

MSVOA_Y

ClientSampleId :

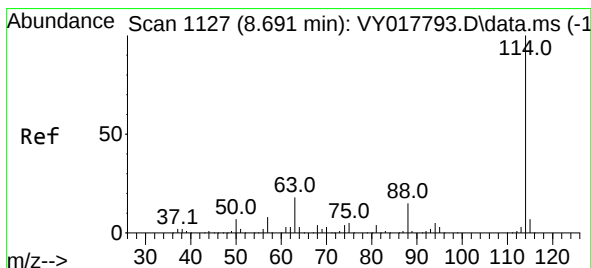
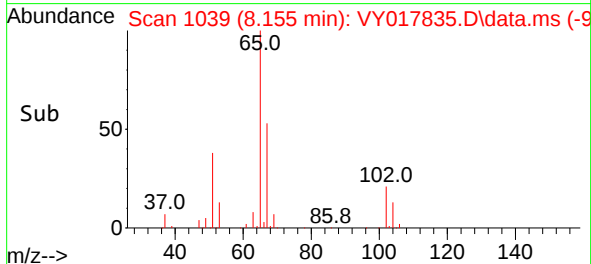
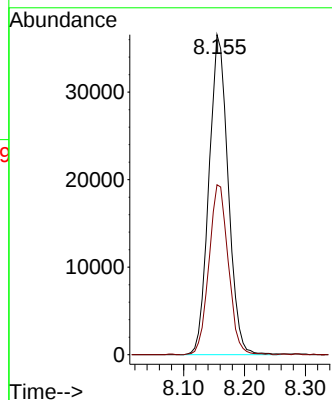
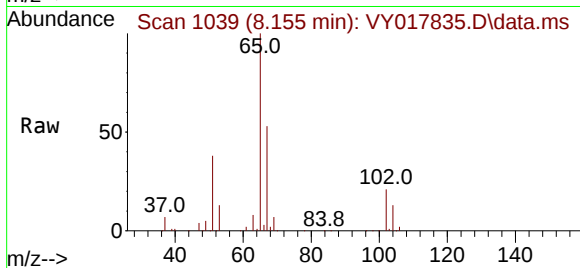
WC-C-GRAB

Tgt Ion: 65 Resp: 80057

Ion Ratio Lower Upper

65 100

67 53.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.012 min

Lab File: VY017835.D

Acq: 03 Apr 2024 14:59

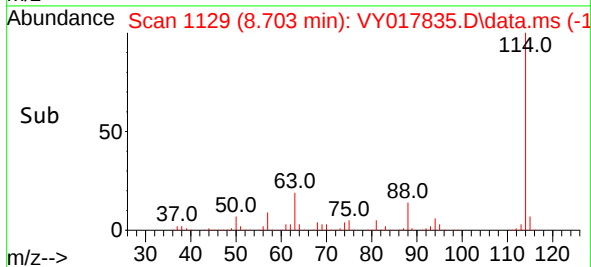
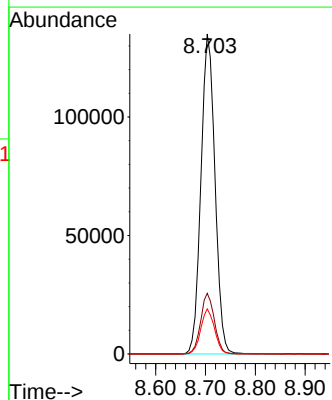
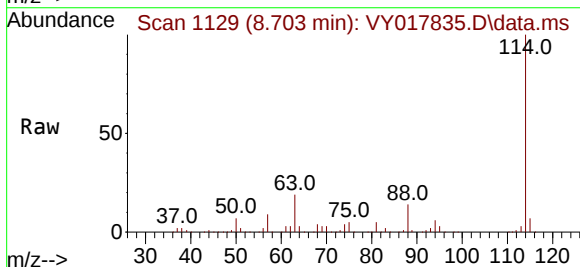
Tgt Ion: 114 Resp: 263484

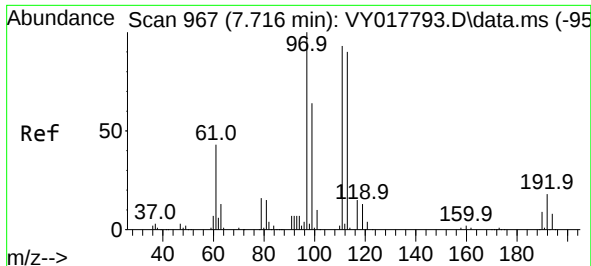
Ion Ratio Lower Upper

114 100

63 19.0 0.0 35.0

88 14.1 0.0 27.2





#35

Dibromofluoromethane

Concen: 55.118 ug/l

RT: 7.734 min Scan# 91

Delta R.T. 0.018 min

Lab File: VY017835.D

Acq: 03 Apr 2024 14:59

Instrument :

MSVOA_Y

ClientSampleId :

WC-C-GRAB

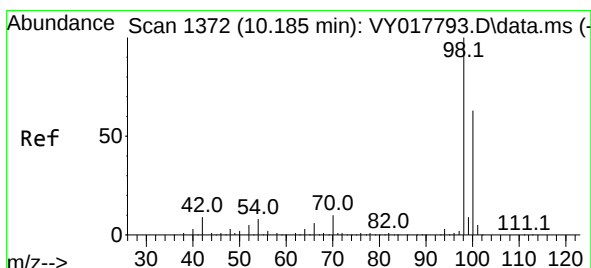
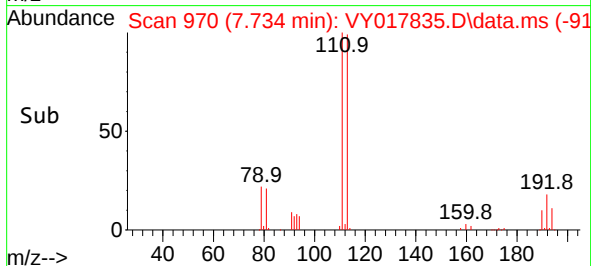
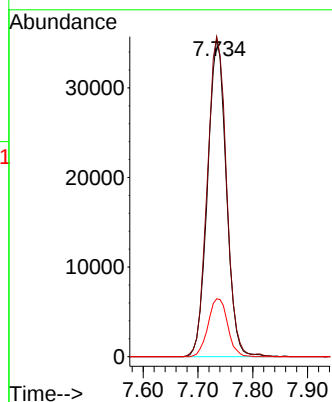
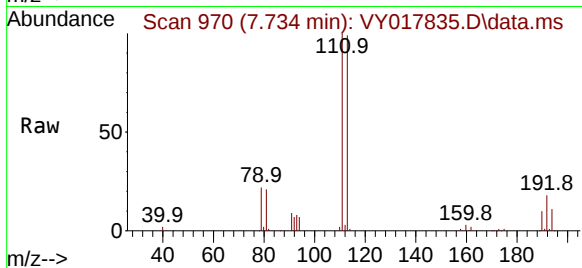
Tgt Ion:113 Resp: 83918

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 19.0 15.9 23.9



#50

Toluene-d8

Concen: 57.239 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY017835.D

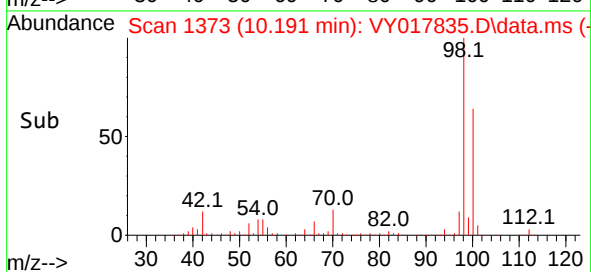
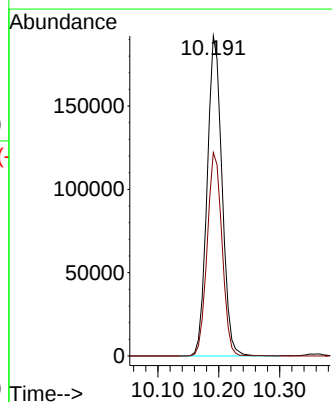
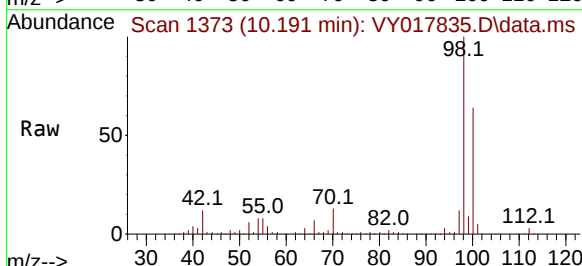
Acq: 03 Apr 2024 14:59

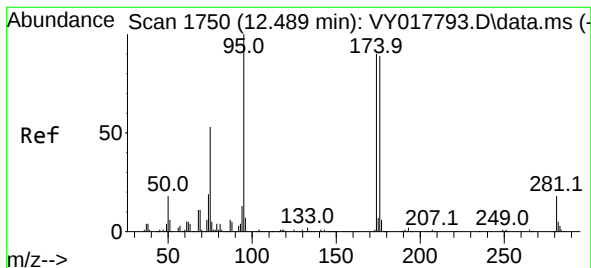
Tgt Ion: 98 Resp: 325538

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0

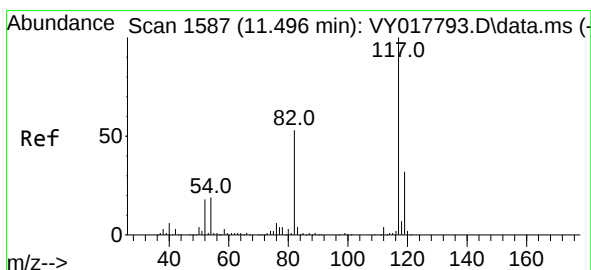
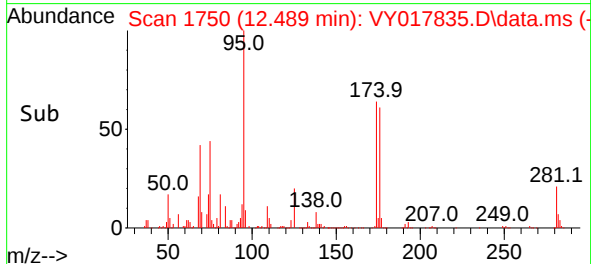
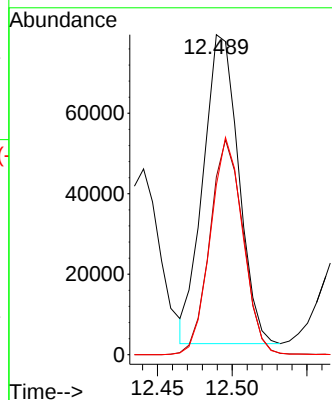
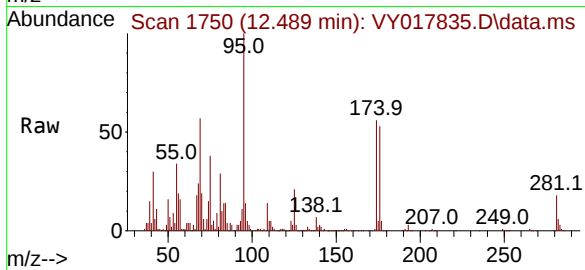




#62
4-Bromofluorobenzene
Concen: 73.239 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017835.D
Acq: 03 Apr 2024 14:59

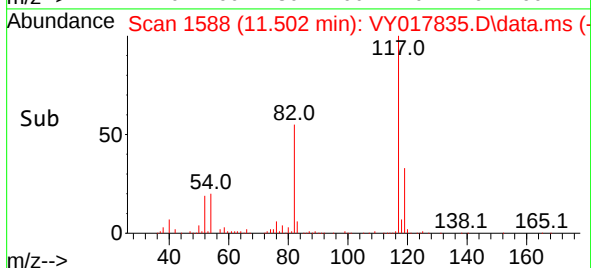
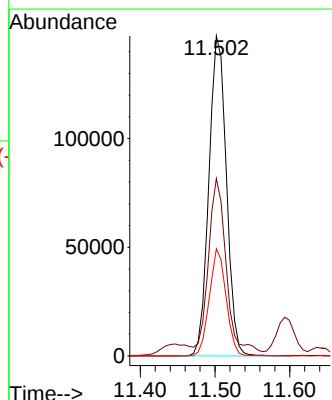
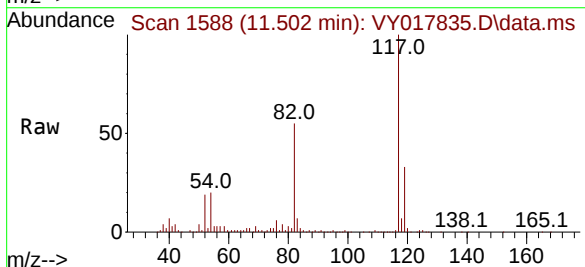
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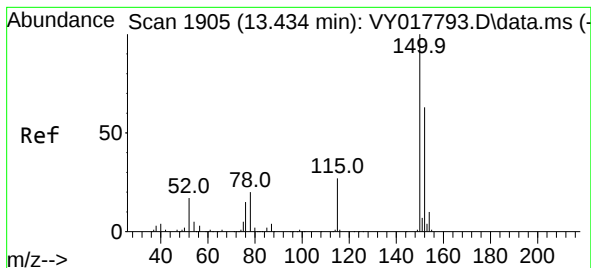
Tgt Ion: 95 Resp: 126729
Ion Ratio Lower Upper
95 100
174 65.5 0.0 175.6
176 64.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY017835.D
Acq: 03 Apr 2024 14:59

Tgt Ion: 117 Resp: 240328
Ion Ratio Lower Upper
117 100
82 52.1 42.4 63.6
119 33.5 25.9 38.9

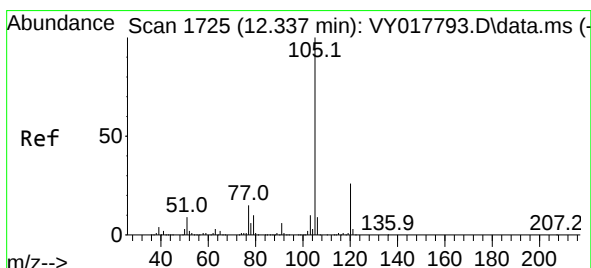
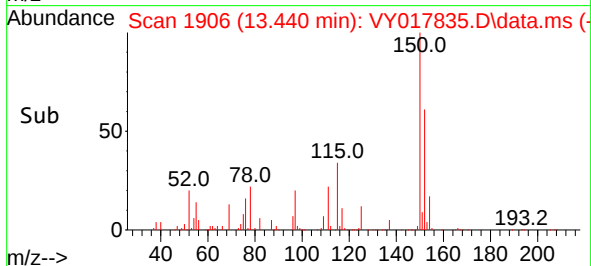
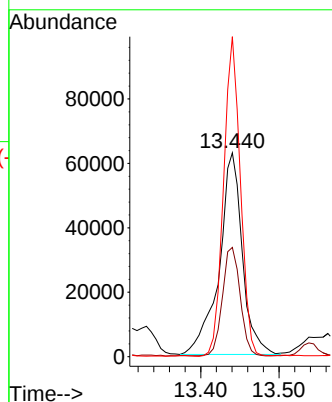
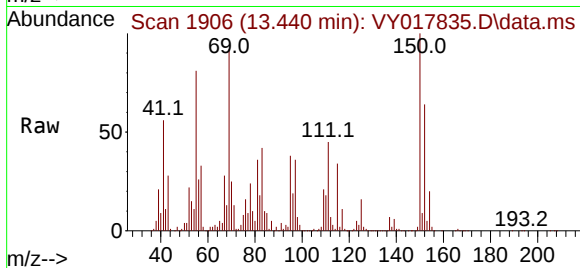




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY017835.D
Acq: 03 Apr 2024 14:59

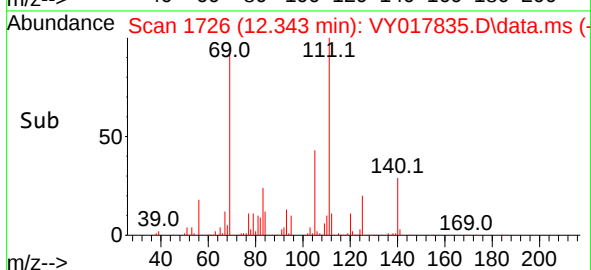
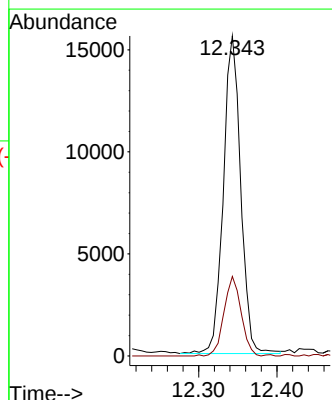
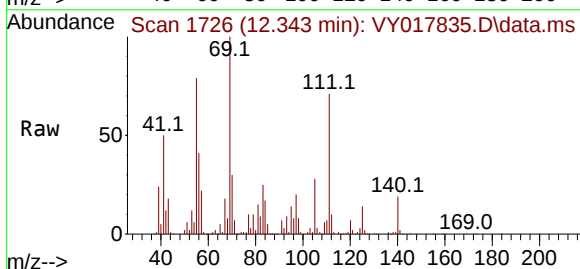
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ClientSampleId :
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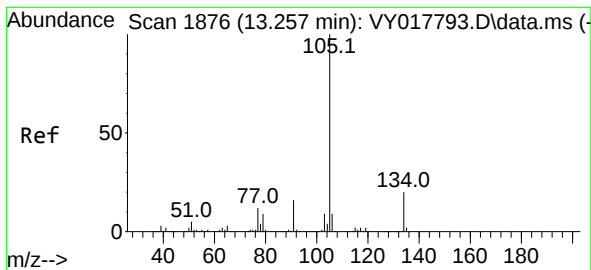
Tgt Ion:152 Resp: 128695
Ion Ratio Lower Upper
152 100
115 41.3 28.2 84.7
150 115.2 0.0 345.6



#73
Isopropylbenzene
Concen: 2.668 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VY017835.D
Acq: 03 Apr 2024 14:59

Tgt Ion:105 Resp: 24067
Ion Ratio Lower Upper
105 100
120 24.6 13.4 40.1





#85

sec-Butylbenzene

Concen: 30.626 ug/l

RT: 13.264 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017835.D

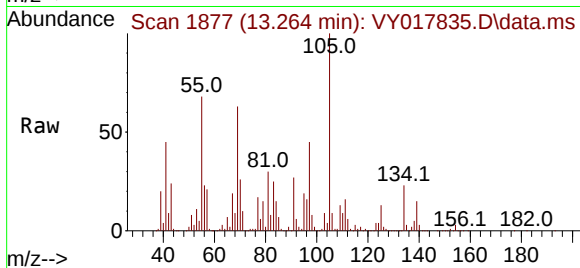
Acq: 03 Apr 2024 14:59

Instrument :

MSVOA_Y

ClientSampleId :

WC-C-GRAB



Tgt Ion:105 Resp: 294154

Ion Ratio Lower Upper

105 100

134 31.9 10.1 30.1#

