

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100722\
 Data File : VY010865.D
 Acq On : 07 Oct 2022 12:37
 Operator : KP/MD
 Sample : N5004-17RE
 Misc : 6.18g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22015-18RE

Quant Time: Oct 08 04:46:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

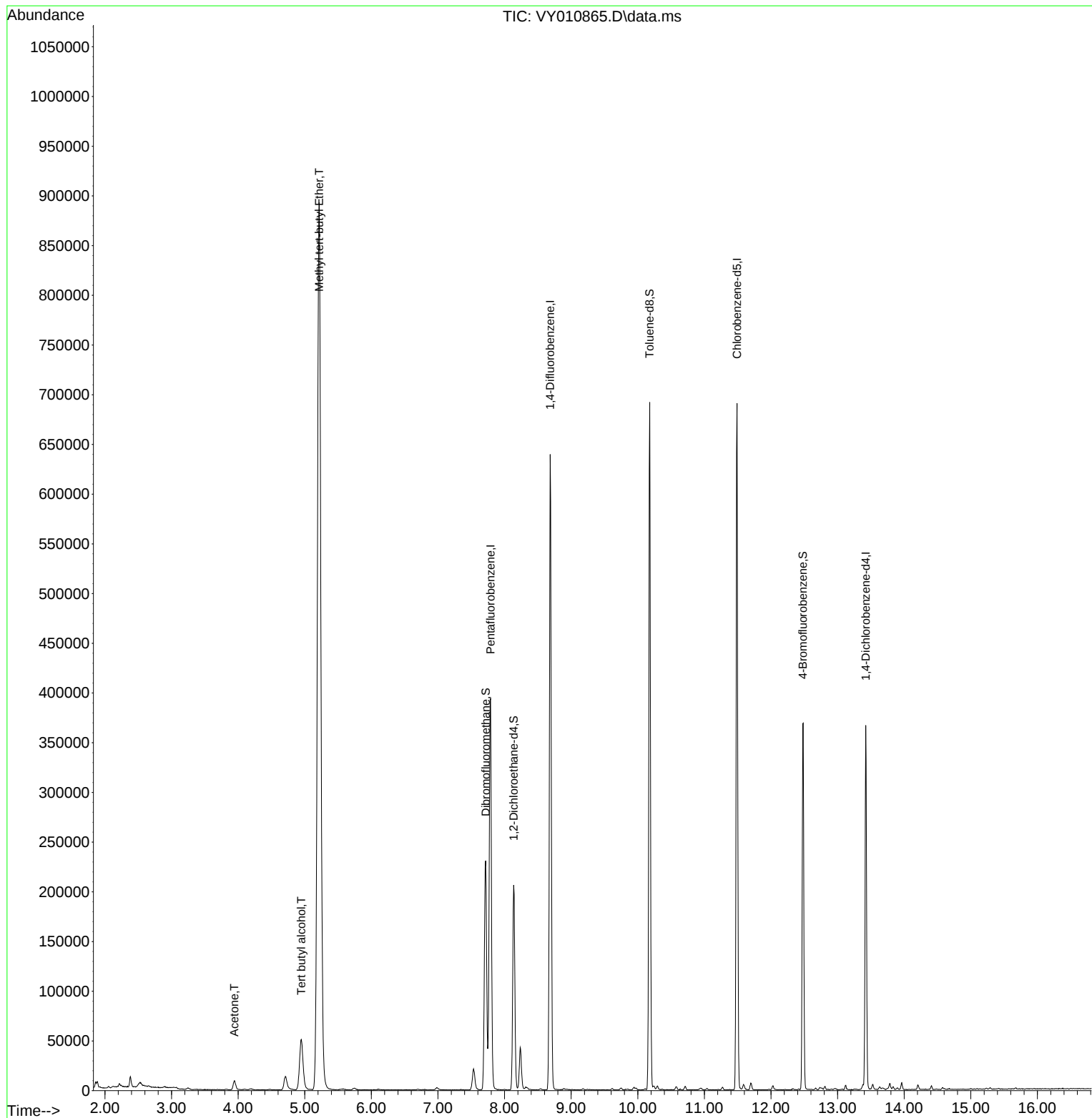
Internal Standards						
1) Pentafluorobenzene	7.789	168	308005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	533690	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	372952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	92689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	157516	50.453	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	100.900%	
35) Dibromofluoromethane	7.716	113	167013	47.143	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	94.280%	
50) Toluene-d8	10.179	98	445931	36.807	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	73.620%	
62) 4-Bromofluorobenzene	12.477	95	114589	22.160	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	44.320%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.948	59	94740	358.924	ug/l	# 93
16) Acetone	3.942	43	15892	20.043	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	1592231	208.873	ug/l	98

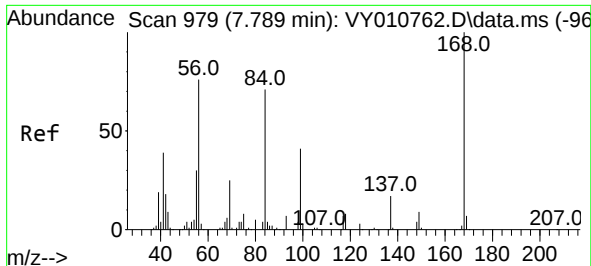
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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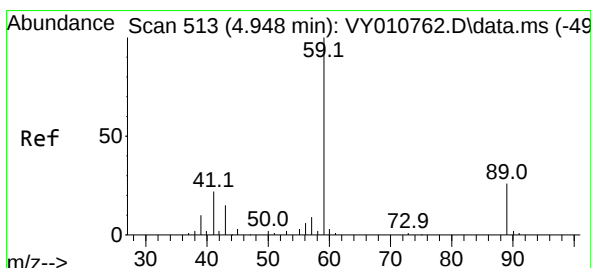
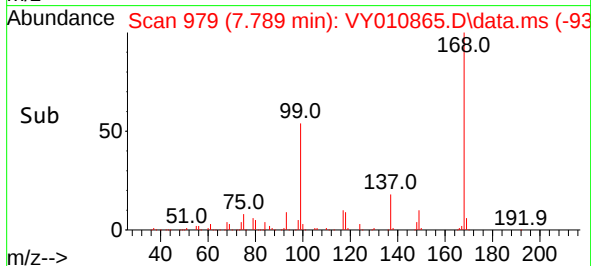
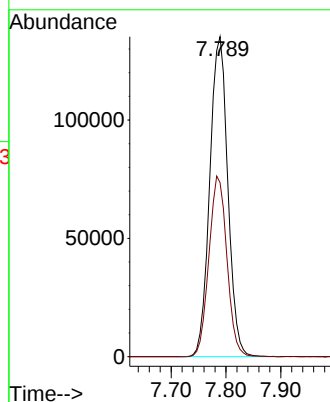
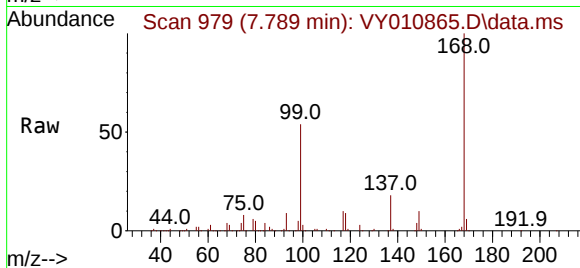




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010865.D
Acq: 07 Oct 2022 12:37

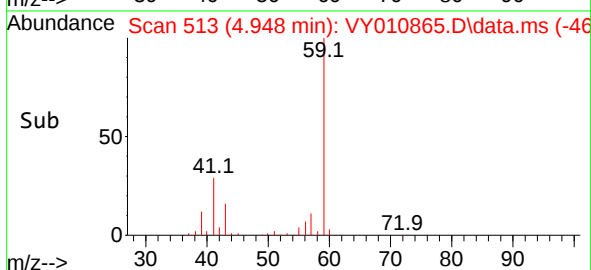
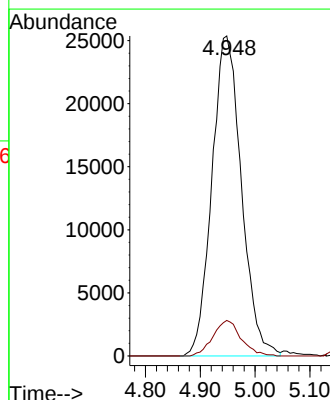
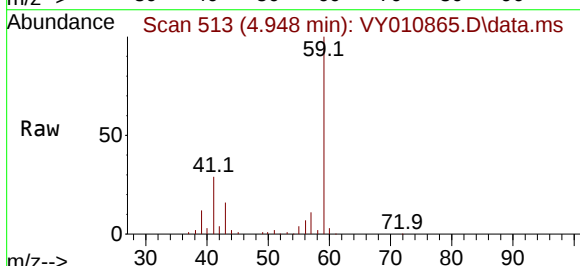
Instrument :
MSVOA_Y
ClientSampleId :
D22015-18RE

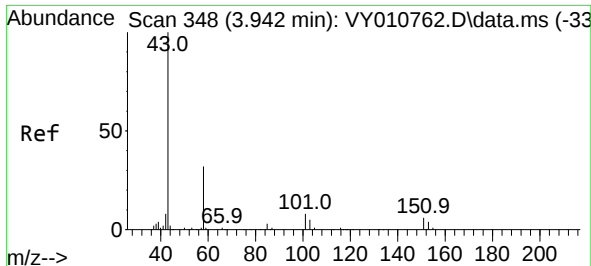
Tgt Ion:168 Resp: 308005
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#11
Tert butyl alcohol
Concen: 358.924 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY010865.D
Acq: 07 Oct 2022 12:37

Tgt Ion: 59 Resp: 94740
Ion Ratio Lower Upper
59 100
57 10.6 6.4 9.6#





#16

Acetone

Concen: 20.043 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY010865.D

Acq: 07 Oct 2022 12:37

Instrument :

MSVOA_Y

ClientSampleId :

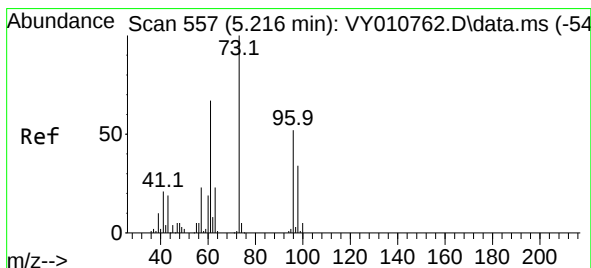
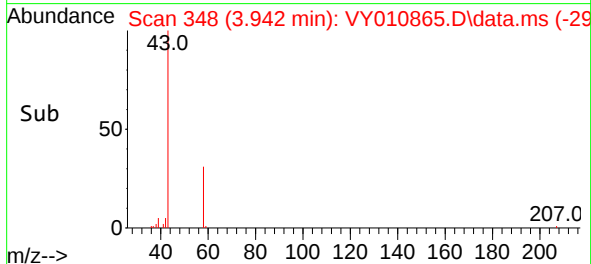
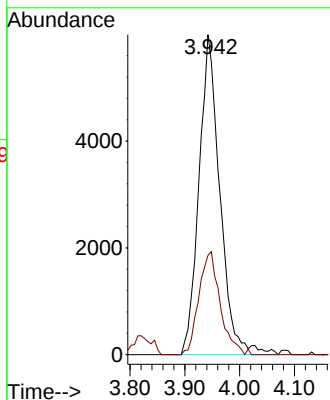
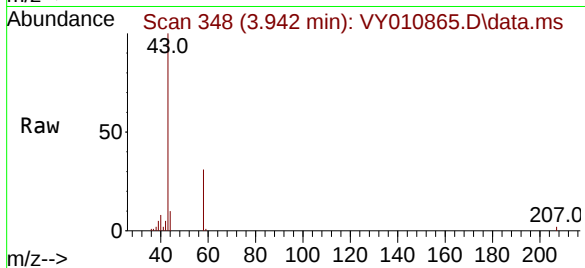
D22015-18RE

Tgt Ion: 43 Resp: 15892

Ion Ratio Lower Upper

43 100

58 31.0 22.0 33.0



#19

Methyl tert-butyl Ether

Concen: 208.873 ug/l

RT: 5.216 min Scan# 557

Delta R.T. 0.000 min

Lab File: VY010865.D

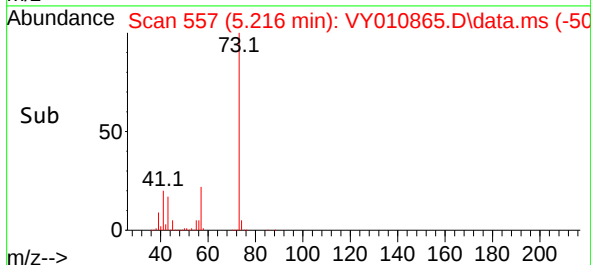
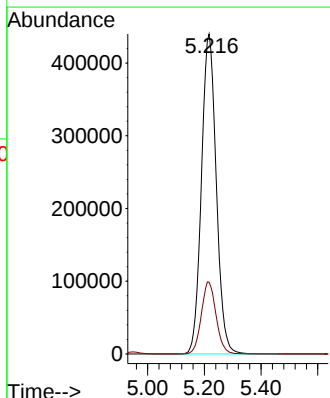
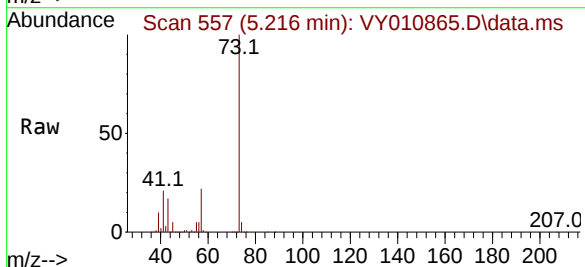
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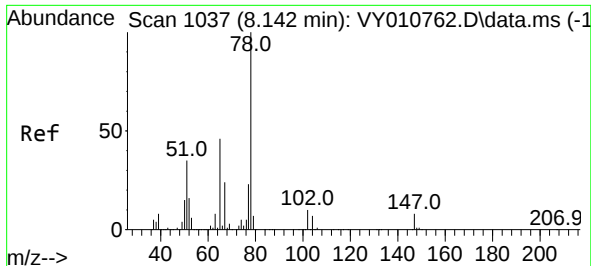
Tgt Ion: 73 Resp: 1592231

Ion Ratio Lower Upper

73 100

57 22.4 18.6 27.8

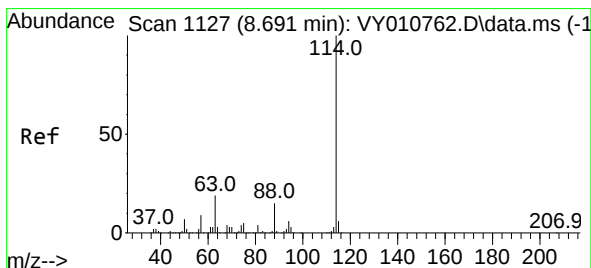
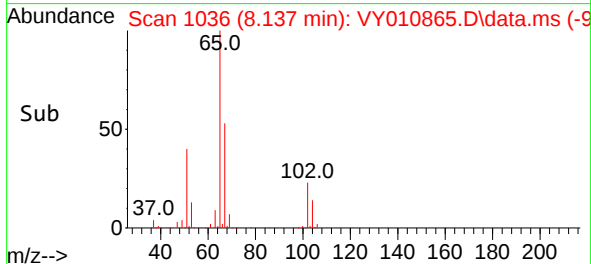
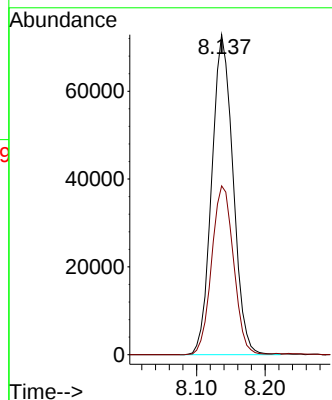
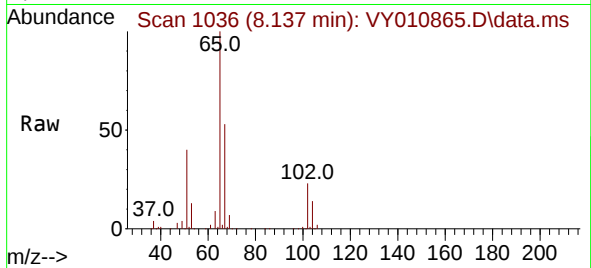




#33
 1,2-Dichloroethane-d4
 Concen: 50.453 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. -0.005 min
 Lab File: VY010865.D
 Acq: 07 Oct 2022 12:37

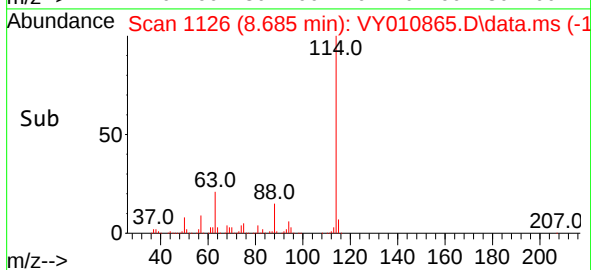
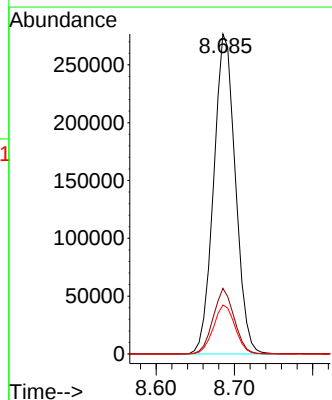
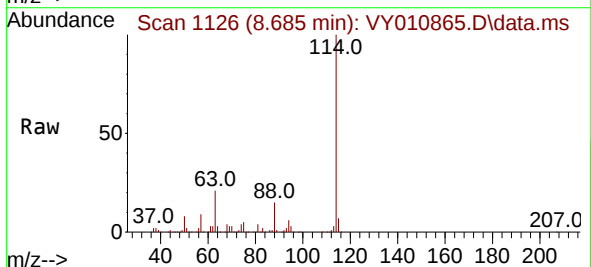
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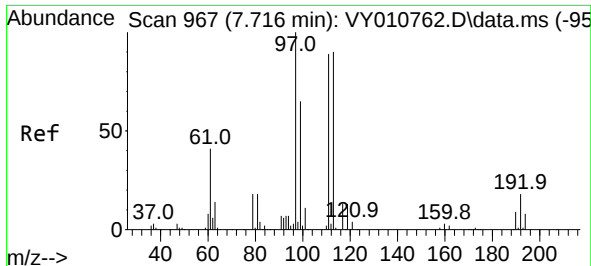
Tgt Ion: 65 Resp: 157516
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY010865.D
 Acq: 07 Oct 2022 12:37

Tgt Ion: 114 Resp: 533690
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 43.2
 88 15.3 0.0 31.8

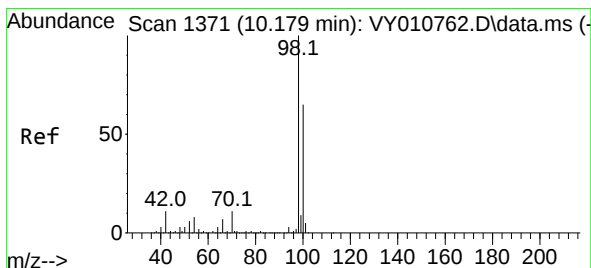
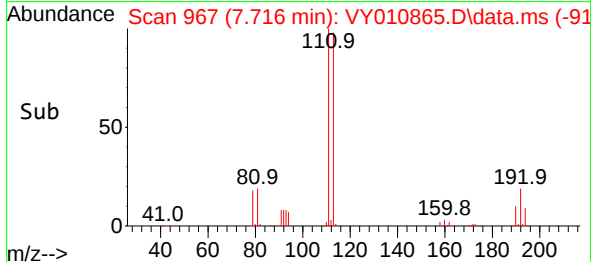
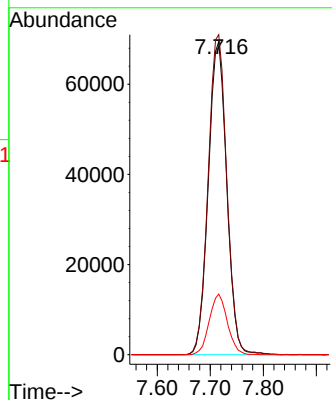
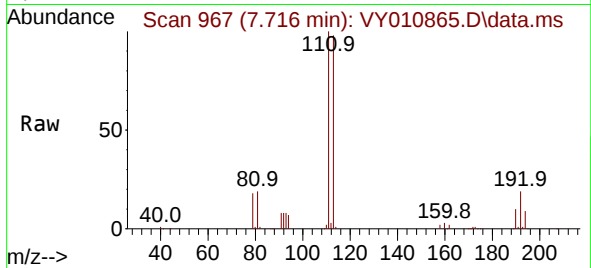




#35
Dibromofluoromethane
Concen: 47.143 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010865.D
Acq: 07 Oct 2022 12:37

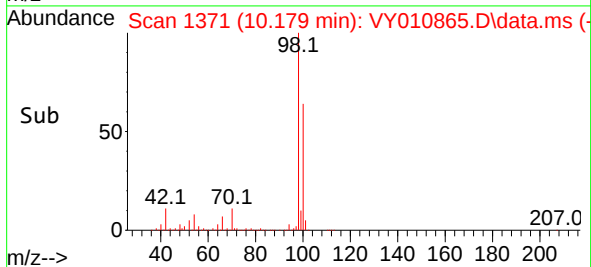
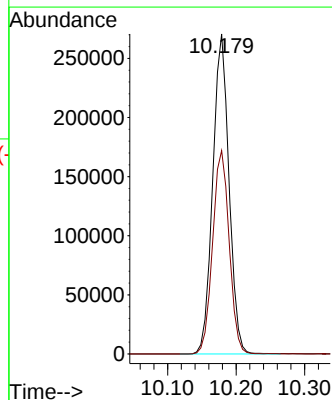
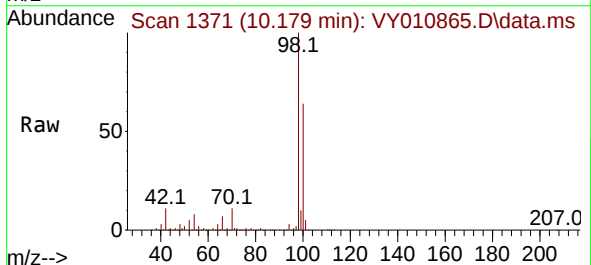
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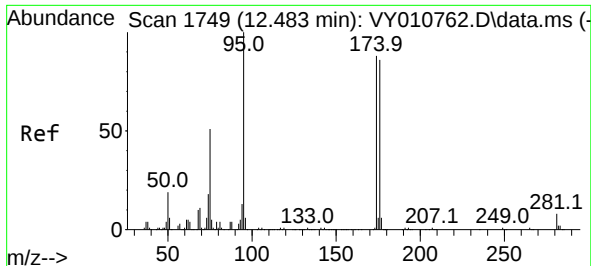
Tgt Ion:113 Resp: 167013
Ion Ratio Lower Upper
113 100
111 104.0 82.6 124.0
192 19.1 17.6 26.4



#50
Toluene-d8
Concen: 36.807 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010865.D
Acq: 07 Oct 2022 12:37

Tgt Ion: 98 Resp: 445931
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

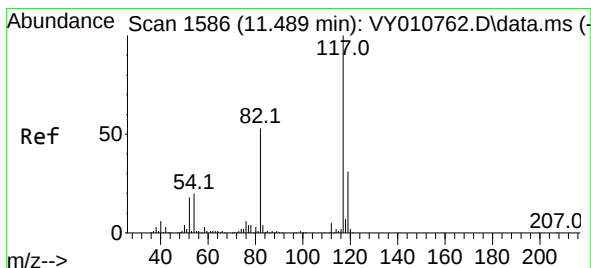
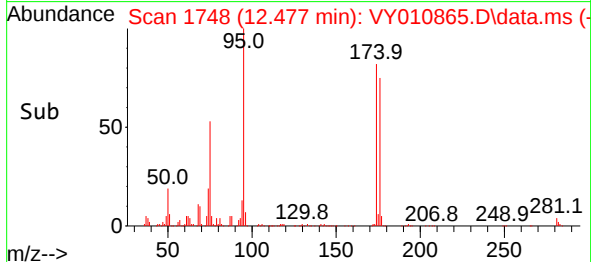
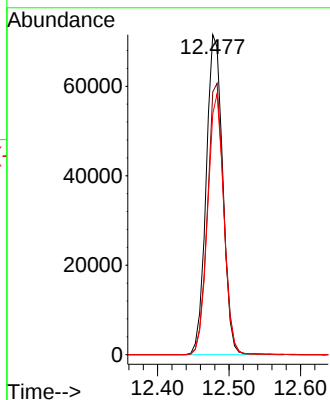
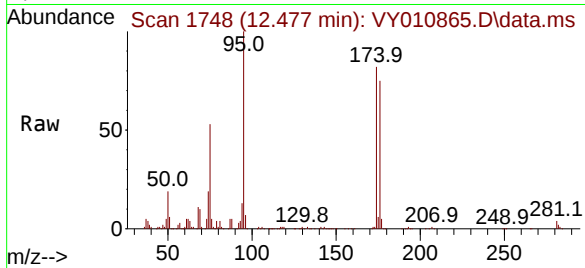




#62
4-Bromofluorobenzene
Concen: 22.160 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010865.D
Acq: 07 Oct 2022 12:37

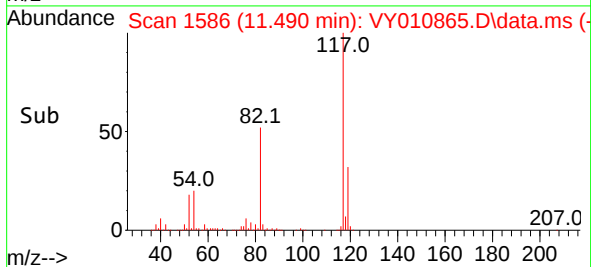
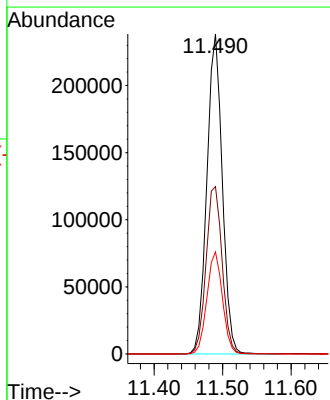
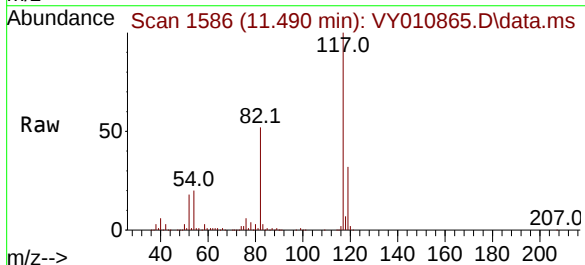
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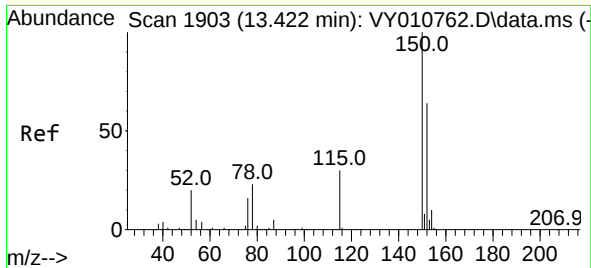
Tgt Ion: 95 Resp: 114589
Ion Ratio Lower Upper
95 100
174 83.7 0.0 177.0
176 79.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY010865.D
Acq: 07 Oct 2022 12:37

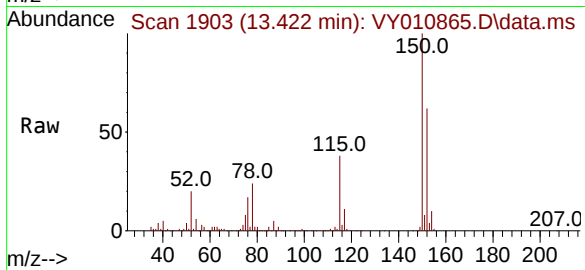
Tgt Ion: 117 Resp: 372952
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 31.9 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY010865.D
 Acq: 07 Oct 2022 12:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22015-18RE



Tgt Ion:152 Resp: 92689
 Ion Ratio Lower Upper
 152 100
 115 58.7 28.2 84.7
 150 158.0 0.0 347.6

