

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083122\
 Data File : VY010245.D
 Acq On : 31 Aug 2022 15:07
 Operator : KP/MD
 Sample : N4353-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1-2-COMP-1

Quant Time: Aug 31 23:41:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 02:23:17 2022
 Response via : Initial Calibration

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

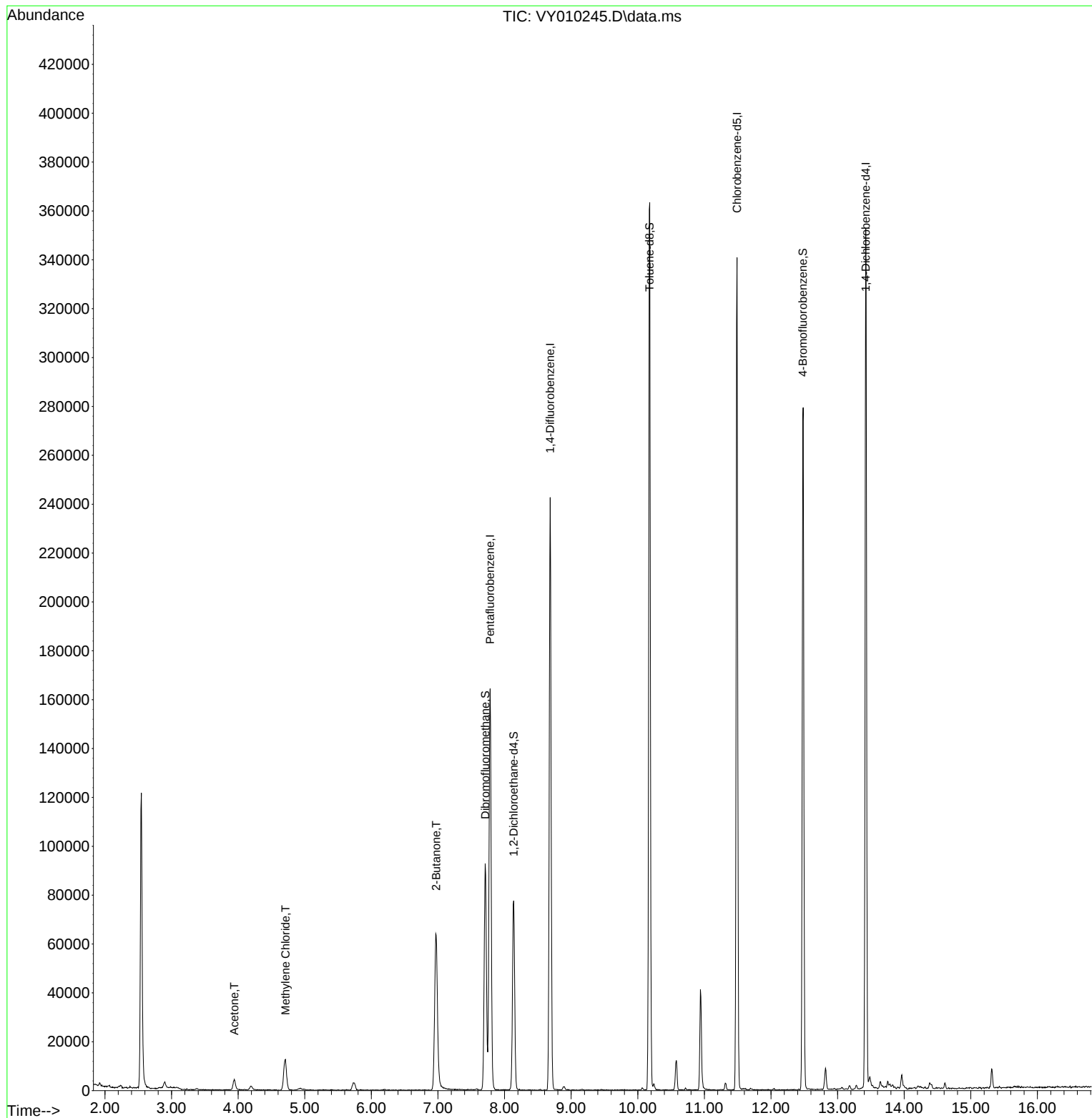
Internal Standards						
1) Pentafluorobenzene	7.783	168	137793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	213557	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	195118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	96873	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	62544	54.277	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 108.560%		
35) Dibromofluoromethane	7.710	113	64921	52.937	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 105.880%		
50) Toluene-d8	10.179	98	246864	54.088	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 108.180%		
62) 4-Bromofluorobenzene	12.477	95	83991	49.364	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 98.720%		
Target Compounds						
						Qvalue
16) Acetone	3.942	43	7404	30.353	ug/l #	88
20) Methylene Chloride	4.710	84	9925	6.910	ug/l	88
25) 2-Butanone	6.972	43	3445	8.200	ug/l #	87

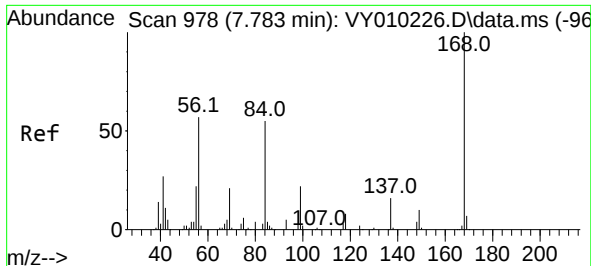
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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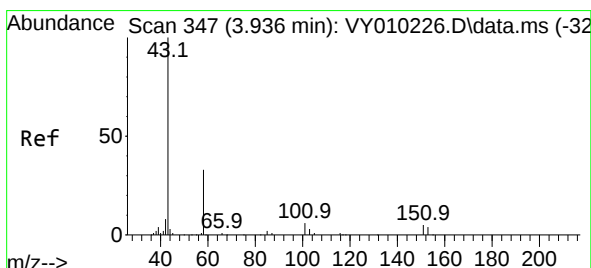
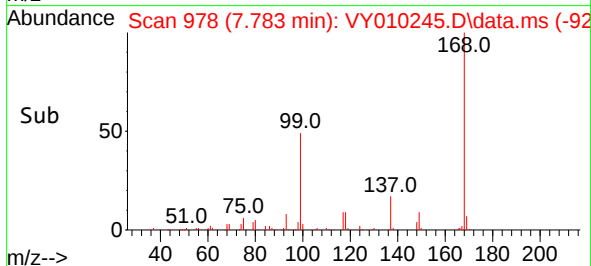
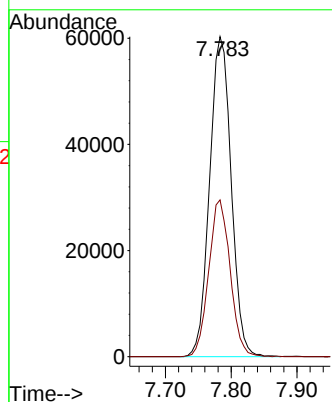
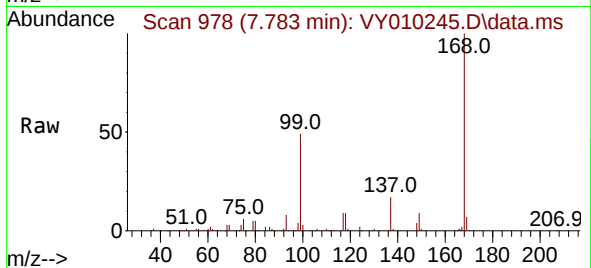




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010245.D
Acq: 31 Aug 2022 15:07

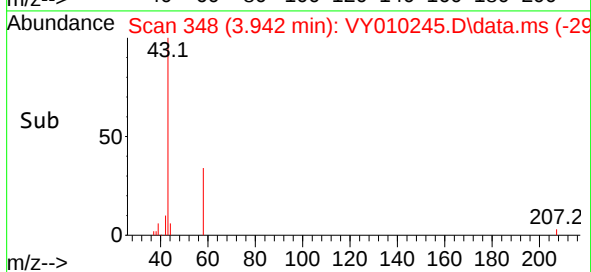
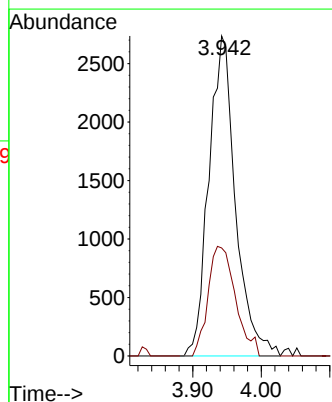
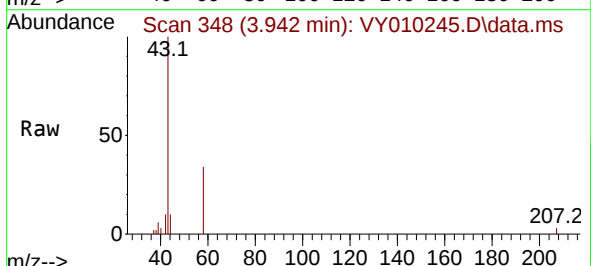
Instrument :
MSVOA_Y
ClientSampleId :
1-2-COMP-1

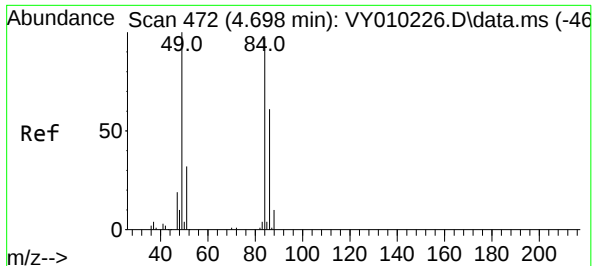
Tgt Ion:168 Resp: 137793
Ion Ratio Lower Upper
168 100
99 49.0 46.9 70.3



#16
Acetone
Concen: 30.353 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY010245.D
Acq: 31 Aug 2022 15:07

Tgt Ion: 43 Resp: 7404
Ion Ratio Lower Upper
43 100
58 33.7 22.0 33.0#

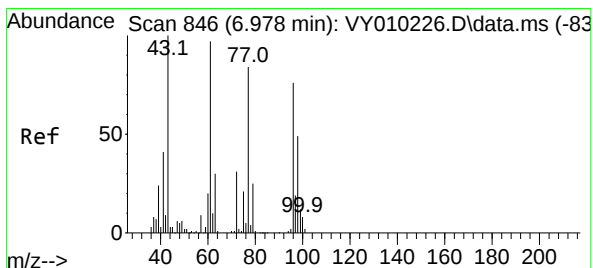
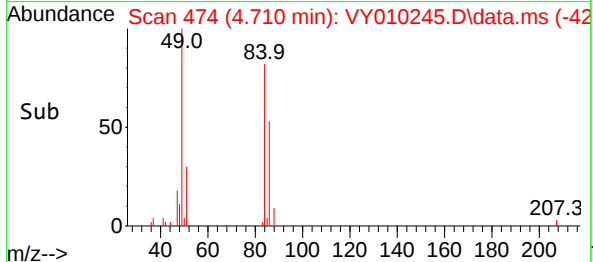
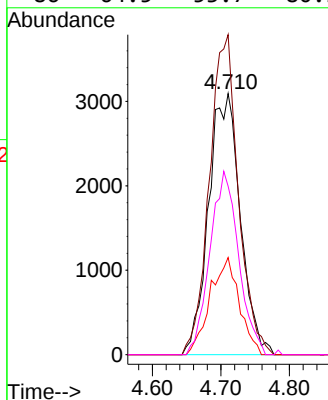
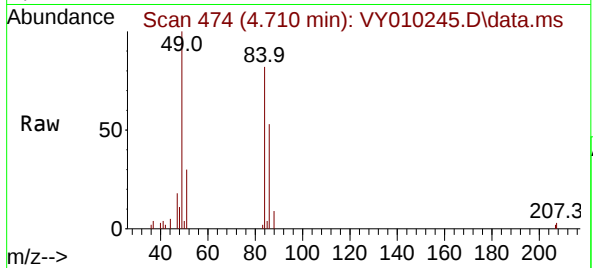




#20
Methylene Chloride
Concen: 6.910 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY010245.D
Acq: 31 Aug 2022 15:07

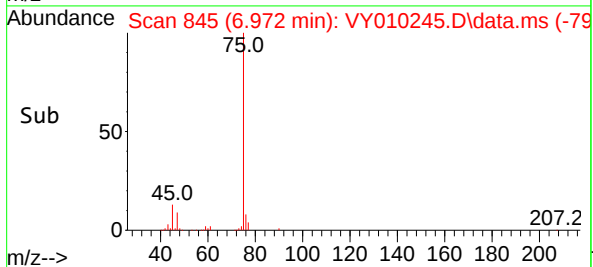
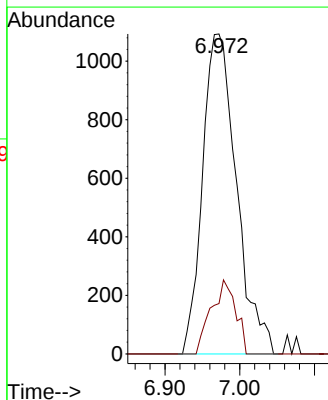
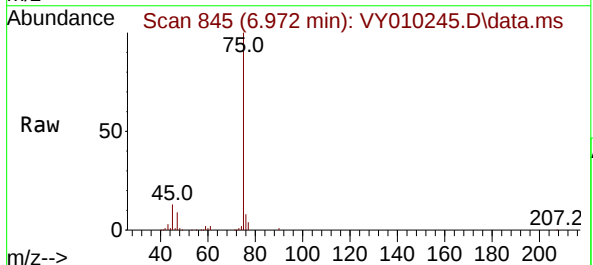
Instrument :
MSVOA_Y
ClientSampleId :
1-2-COMP-1

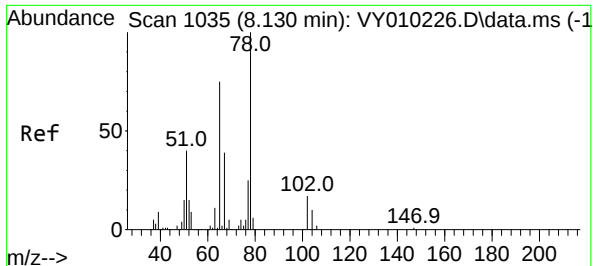
Tgt Ion: 84	Resp: 9925
Ion Ratio	Lower Upper
84 100	
49 122.6	114.4 171.6
51 37.2	35.3 52.9
86 64.5	53.7 80.5



#25
2-Butanone
Concen: 8.200 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY010245.D
Acq: 31 Aug 2022 15:07

Tgt Ion: 43	Resp: 3445		
Ion Ratio	Lower	Upper	
43 100			
72 15.7	17.7	26.5#	





#33

1,2-Dichloroethane-d4

Concen: 54.277 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY010245.D

Acq: 31 Aug 2022 15:07

Instrument :

MSVOA_Y

ClientSampleId :

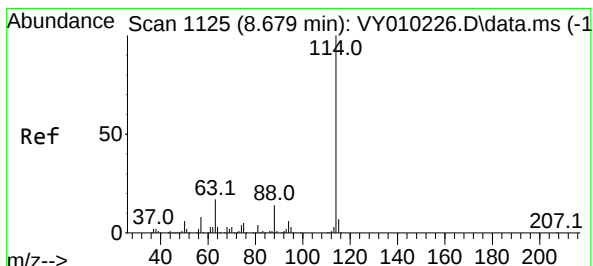
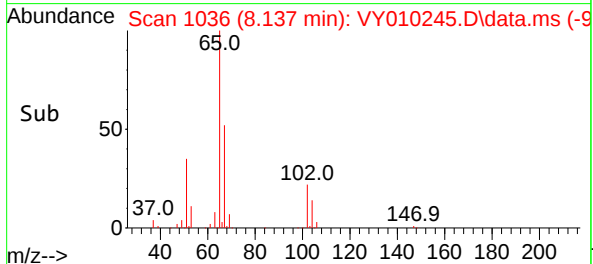
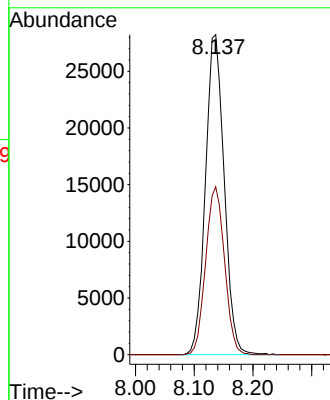
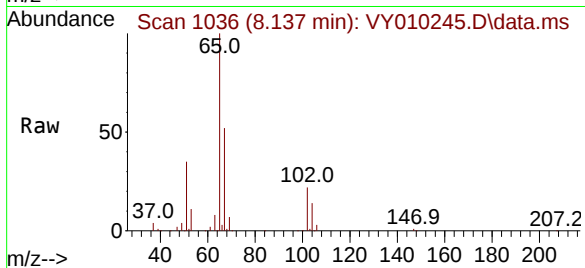
1-2-COMP-1

Tgt Ion: 65 Resp: 62544

Ion Ratio Lower Upper

65 100

67 52.8 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: VY010245.D

Acq: 31 Aug 2022 15:07

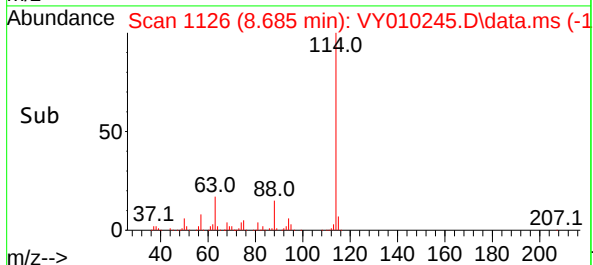
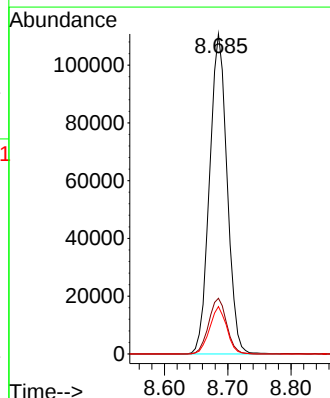
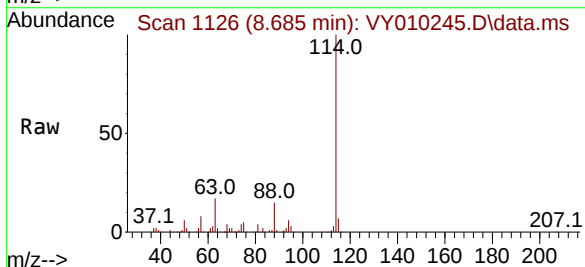
Tgt Ion: 114 Resp: 213557

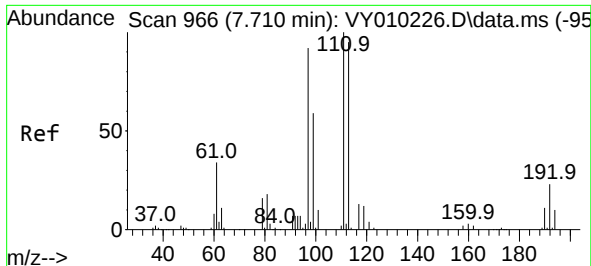
Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 14.8 0.0 31.8

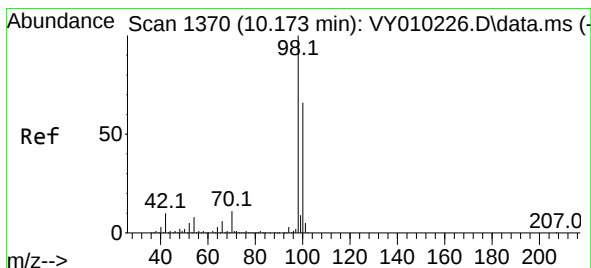
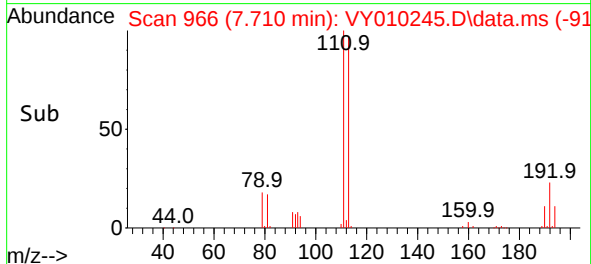
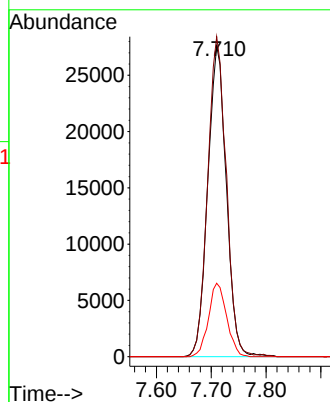
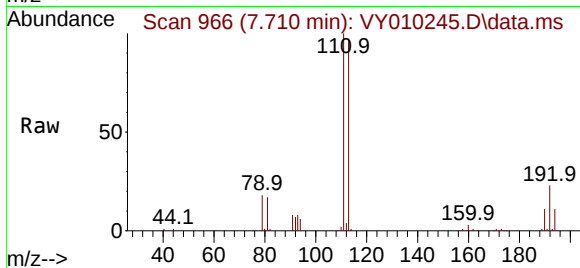




#35
 Dibromofluoromethane
 Concen: 52.937 ug/l
 RT: 7.710 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VY010245.D
 Acq: 31 Aug 2022 15:07

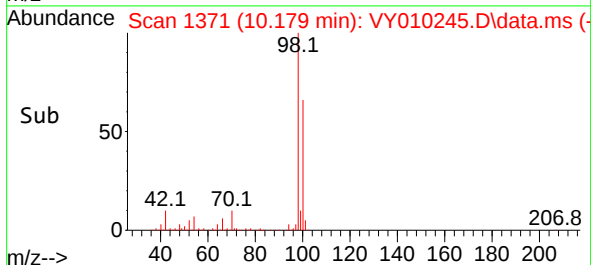
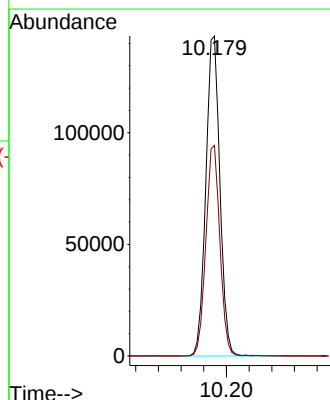
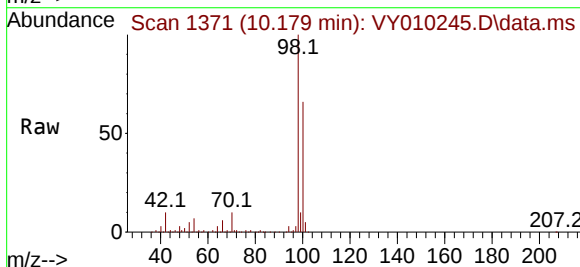
Instrument :
 MSVOA_Y
 ClientSampleId :
 1-2-COMP-1

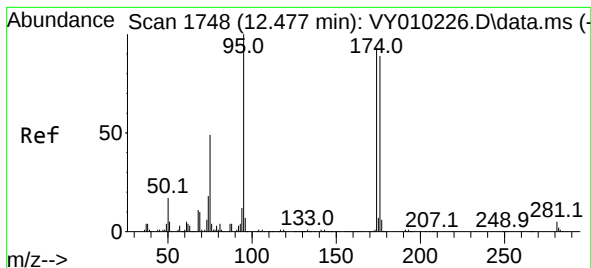
Tgt Ion:113	Resp:	64921	
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	124.0
192	23.1	17.6	26.4



#50
 Toluene-d8
 Concen: 54.088 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. 0.006 min
 Lab File: VY010245.D
 Acq: 31 Aug 2022 15:07

Tgt Ion: 98	Resp: 246864
Ion Ratio	Lower Upper
98 100	
100 65.5	50.2 75.2

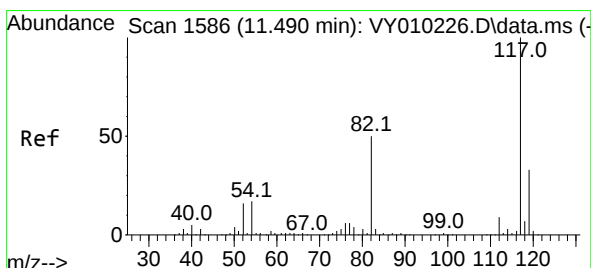
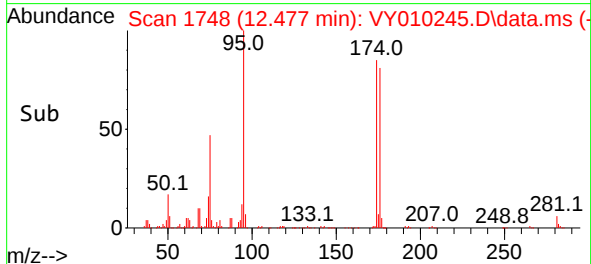
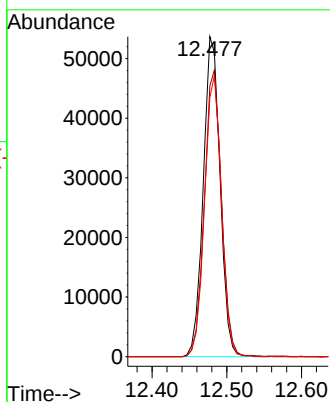
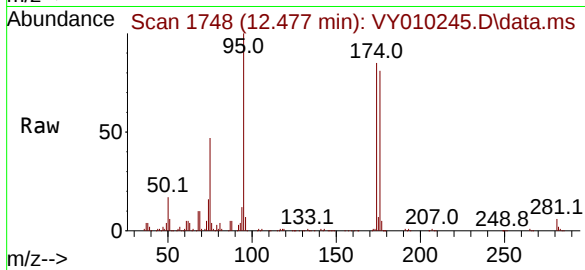




#62
4-Bromofluorobenzene
Concen: 49.364 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010245.D
Acq: 31 Aug 2022 15:07

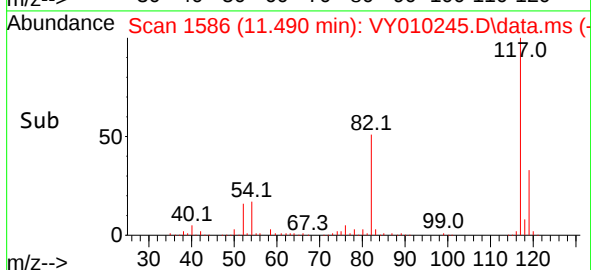
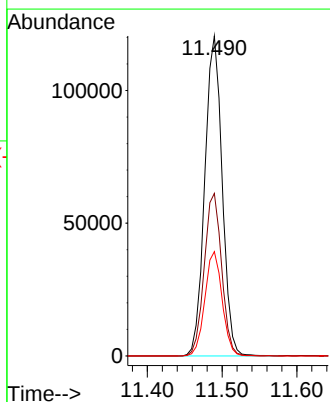
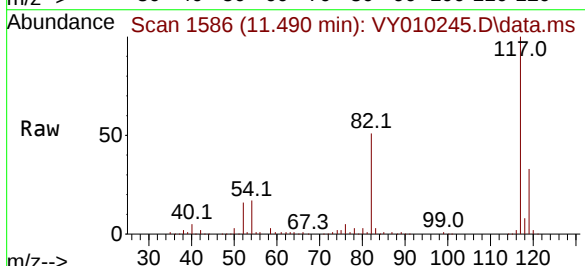
Instrument :
MSVOA_Y
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1-2-COMP-1

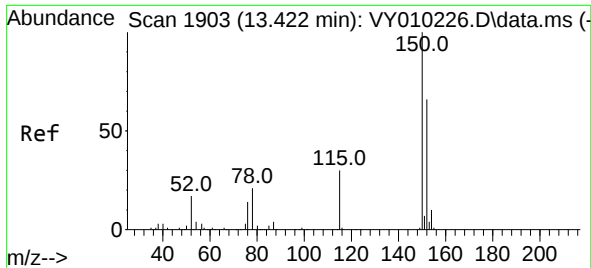
Tgt Ion: 95 Resp: 83991
Ion Ratio Lower Upper
95 100
174 91.2 0.0 177.0
176 88.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010245.D
Acq: 31 Aug 2022 15:07

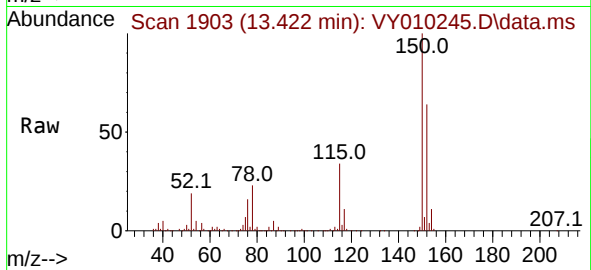
Tgt Ion: 117 Resp: 195118
Ion Ratio Lower Upper
117 100
82 50.8 43.0 64.4
119 32.6 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY010245.D
 Acq: 31 Aug 2022 15:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 1-2-COMP-1



Tgt Ion:	152	Resp:	96873
Ion Ratio	Lower	Upper	
152	100		
115	54.4	28.2	84.7
150	156.7	0.0	347.6

