

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101822\
 Data File : VY010987.D
 Acq On : 18 Oct 2022 11:51
 Operator : KP/MD
 Sample : N5105-01
 Misc : 5.81g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-7

Quant Time: Oct 18 15:23:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

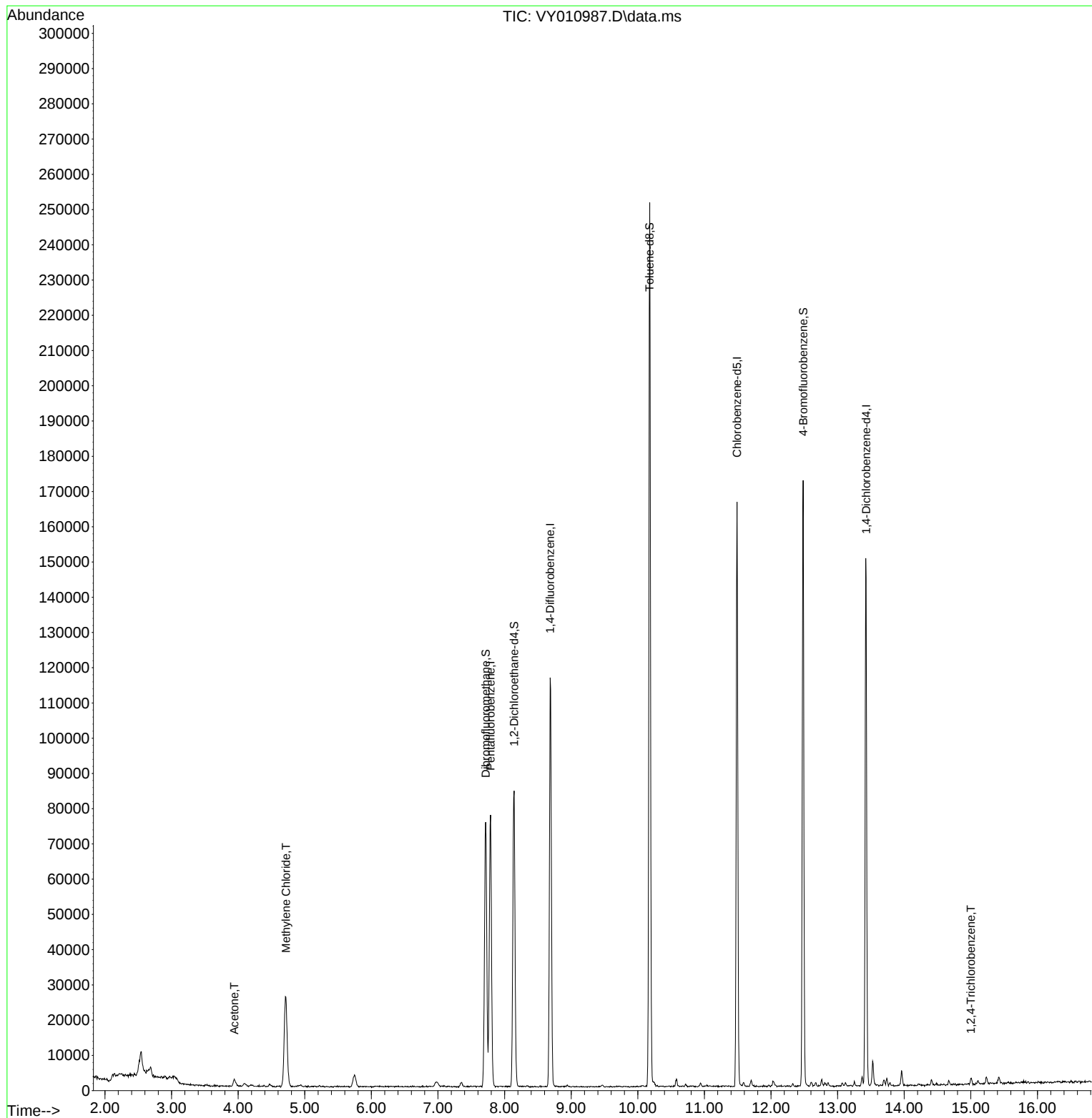
Internal Standards						
1) Pentafluorobenzene	7.789	168	60177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	103185	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	93043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	41506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	65436	118.048	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	236.100%#	
35) Dibromofluoromethane	7.716	113	54840	97.386	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	194.780%#	
50) Toluene-d8	10.179	98	166098	77.093	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	154.180%#	
62) 4-Bromofluorobenzene	12.483	95	53267	71.091	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	142.180%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	3630	22.550	ug/l #	80
18) Methyl Acetate	4.473	43	1159	Below Cal	#	74
20) Methylene Chloride	4.716	84	20553	26.304	ug/l #	84
93) 1,2,4-Trichlorobenzene	15.001	180	783	1.041	ug/l	82

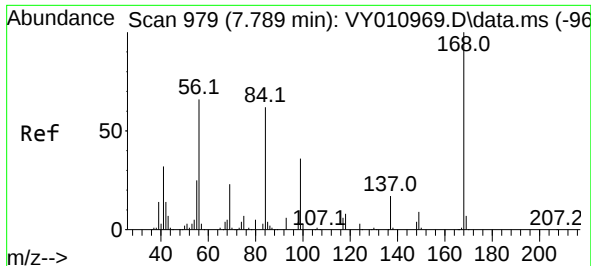
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 18 01:42:42 2022
Response via : Initial Calibration

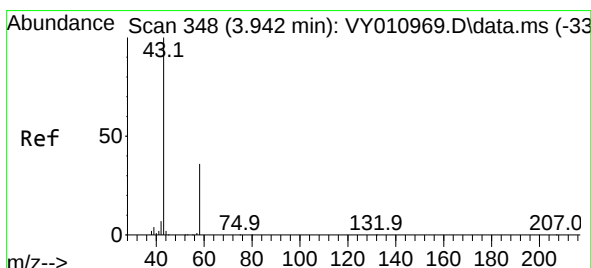
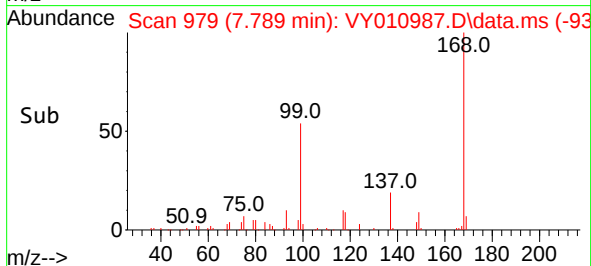
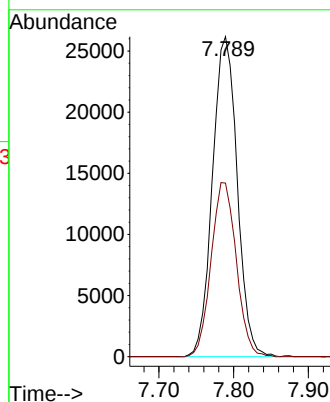
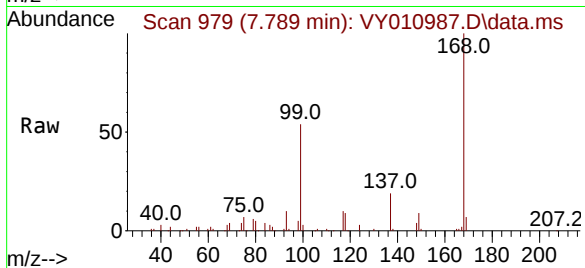




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010987.D
Acq: 18 Oct 2022 11:51

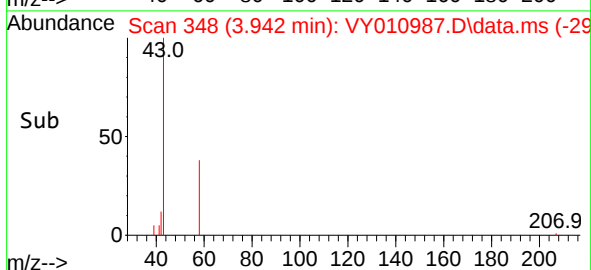
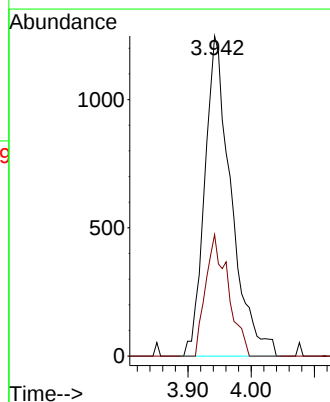
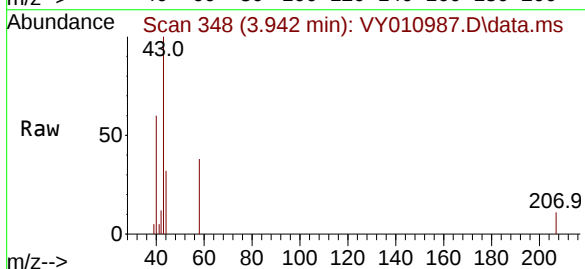
Instrument :
MSVOA_Y
ClientSampleId :
WC-7

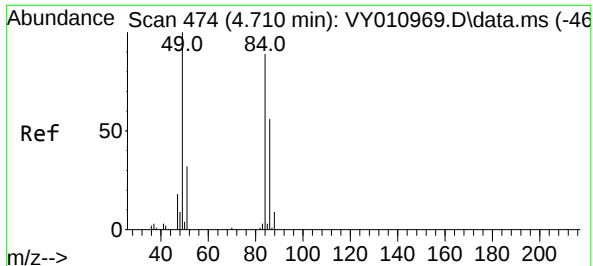
Tgt Ion:168 Resp: 60177
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#16
Acetone
Concen: 22.550 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010987.D
Acq: 18 Oct 2022 11:51

Tgt Ion: 43 Resp: 3630
Ion Ratio Lower Upper
43 100
58 37.9 22.0 33.0#





#20

Methylene Chloride

Concen: 26.304 ug/l

RT: 4.716 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY010987.D

Acq: 18 Oct 2022 11:51

Instrument :

MSVOA_Y

ClientSampleId :

WC-7

Tgt Ion: 84 Resp: 20553

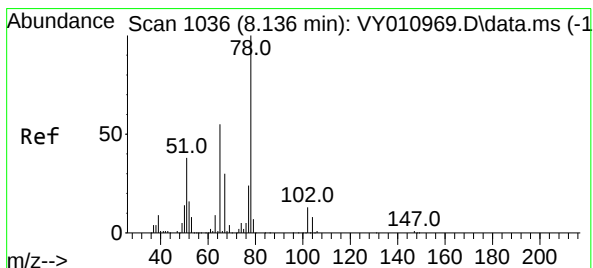
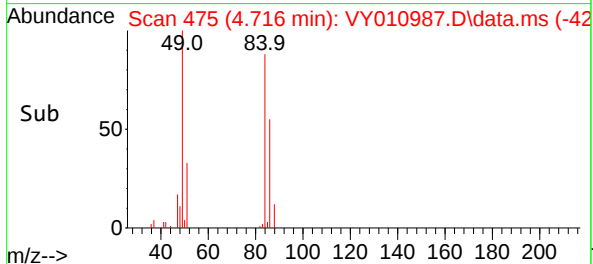
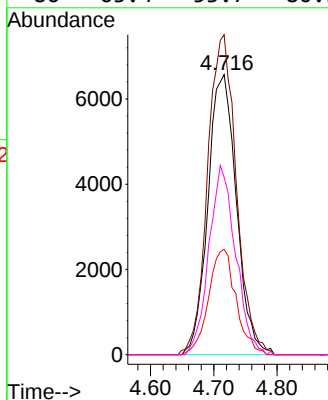
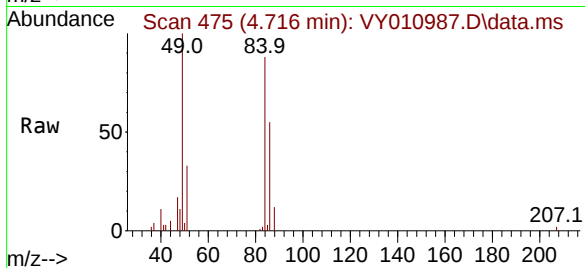
Ion Ratio Lower Upper

84 100

49 114.2 114.4 171.6#

51 37.7 35.3 52.9

86 63.4 53.7 80.5



#33

1,2-Dichloroethane-d4

Concen: 118.048 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.007 min

Lab File: VY010987.D

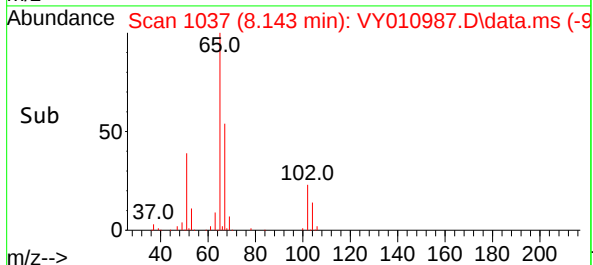
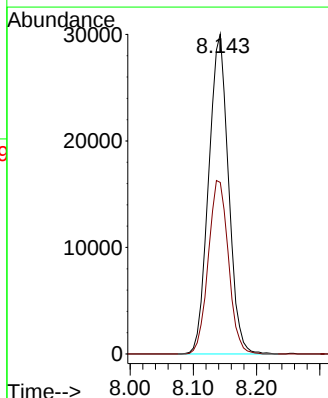
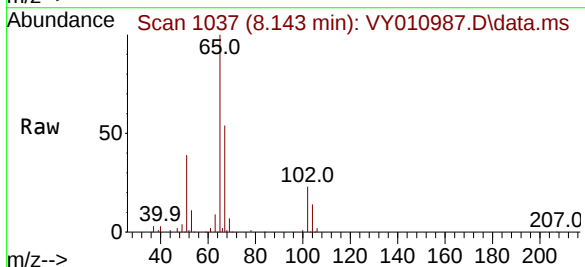
Acq: 18 Oct 2022 11:51

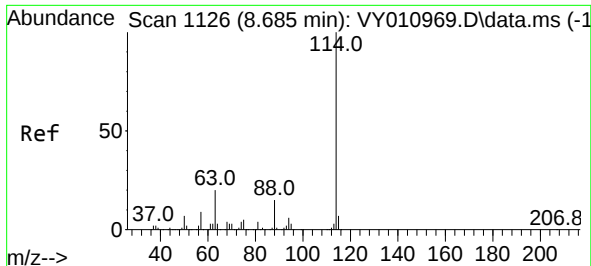
Tgt Ion: 65 Resp: 65436

Ion Ratio Lower Upper

65 100

67 55.0 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: VY010987.D

Acq: 18 Oct 2022 11:51

Instrument :

MSVOA_Y

ClientSampleId :

WC-7

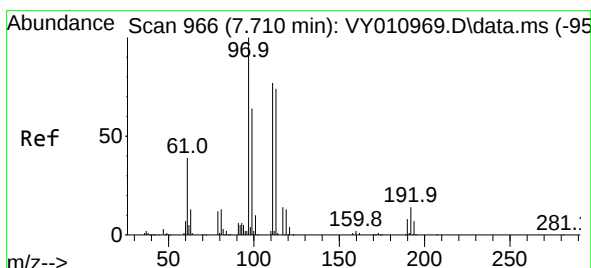
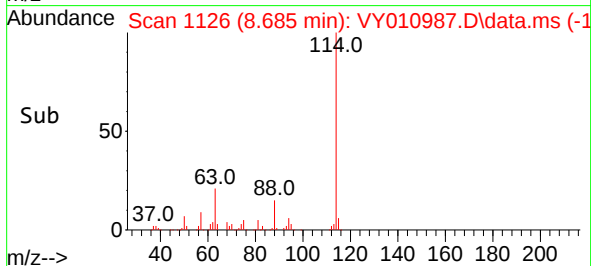
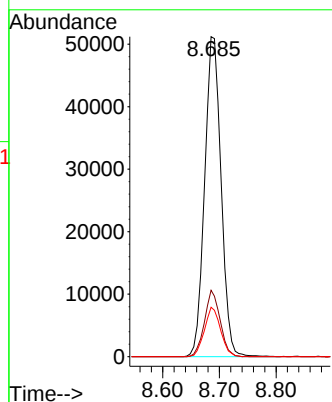
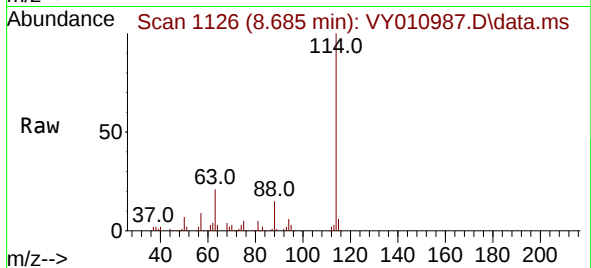
Tgt Ion:114 Resp: 103185

Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 97.386 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010987.D

Acq: 18 Oct 2022 11:51

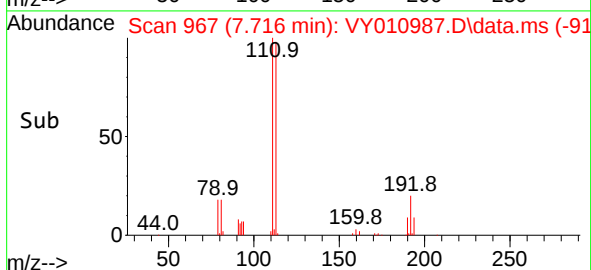
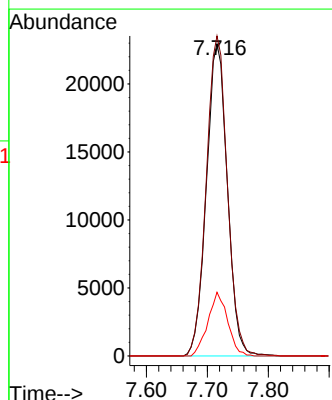
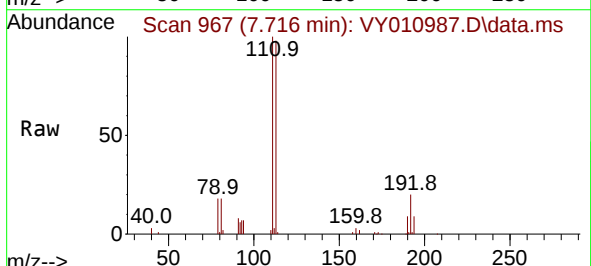
Tgt Ion:113 Resp: 54840

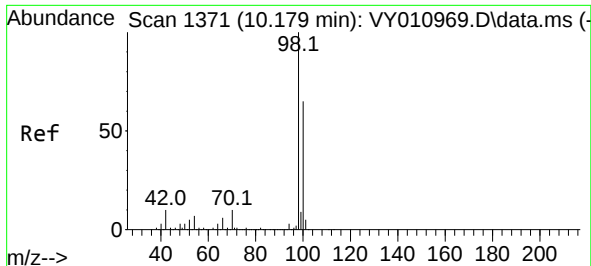
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 19.2 17.6 26.4

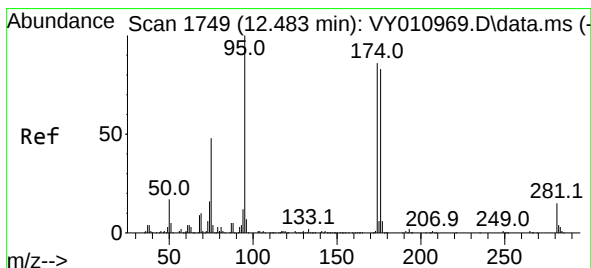
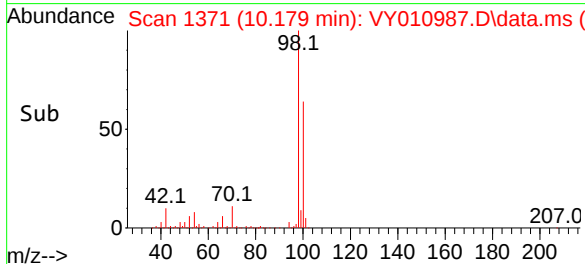
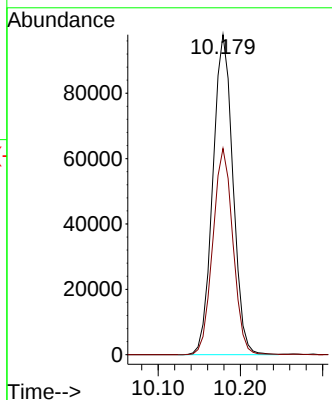
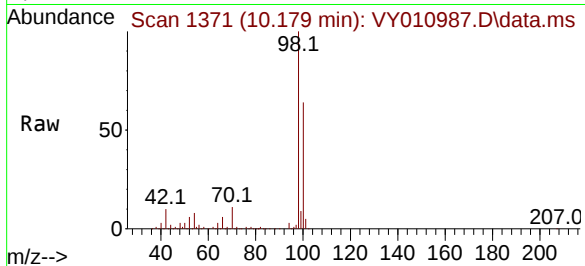




#50
Toluene-d8
Concen: 77.093 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010987.D
Acq: 18 Oct 2022 11:51

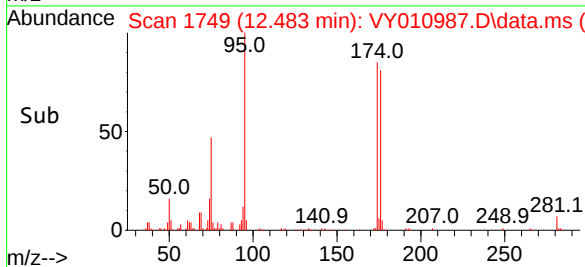
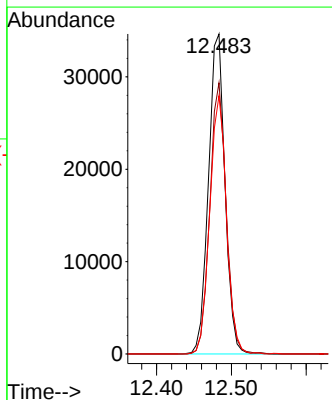
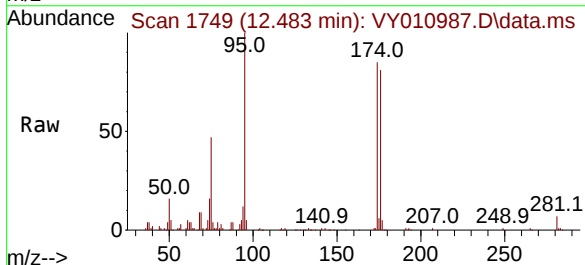
Instrument :
MSVOA_Y
ClientSampleId :
WC-7

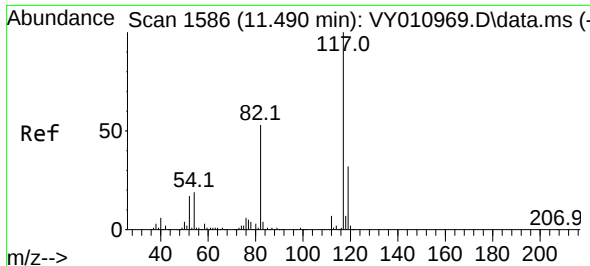
Tgt Ion: 98 Resp: 166098
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 71.091 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010987.D
Acq: 18 Oct 2022 11:51

Tgt Ion: 95 Resp: 53267
Ion Ratio Lower Upper
95 100
174 84.1 0.0 177.0
176 81.9 0.0 175.8

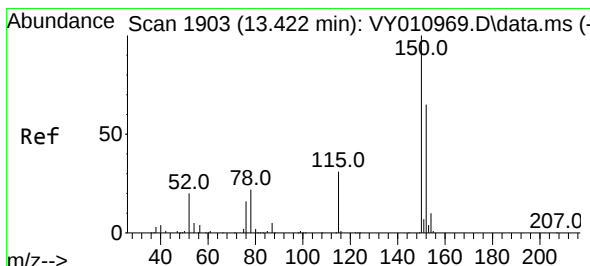
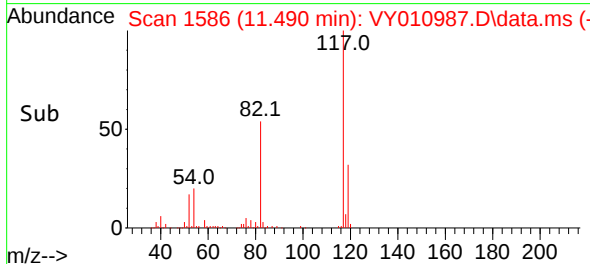
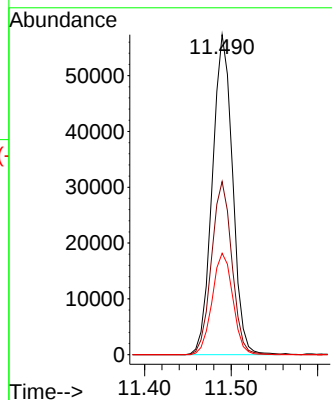
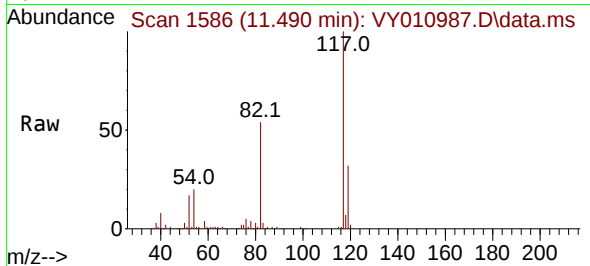




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010987.D
Acq: 18 Oct 2022 11:51

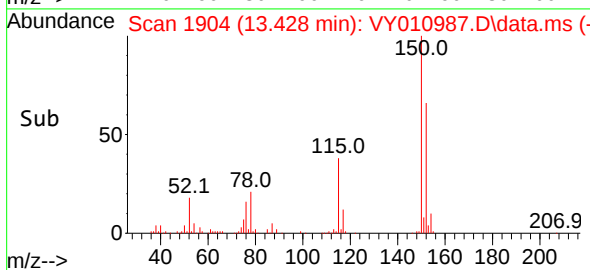
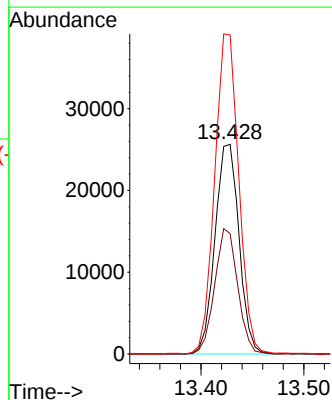
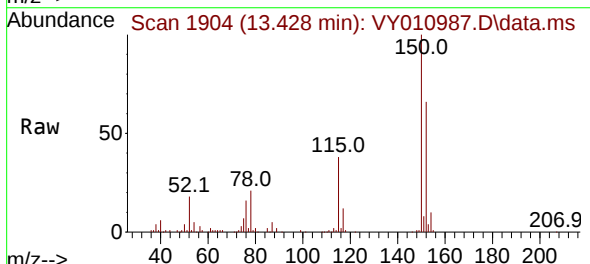
Instrument :
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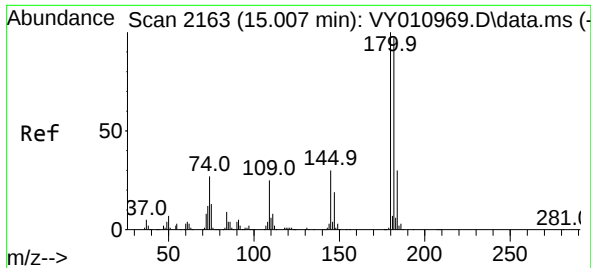
Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.0	64.4
119	31.7	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010987.D
Acq: 18 Oct 2022 11:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.4	28.2	84.7
150	153.9	0.0	347.6





#93
 1,2,4-Trichlorobenzene
 Concen: 1.041 ug/l
 RT: 15.001 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY010987.D
 Acq: 18 Oct 2022 11:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-7

Tgt Ion	Ratio	Lower	Upper
180	100		
182	75.1	47.3	141.9
145	35.0	14.6	43.8

