

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014245.D
 Acq On : 19 Jun 2023 22:03
 Operator : KP/MD
 Sample : 03320-04
 Misc : 5.36g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-10

Quant Time: Jun 20 05:03:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

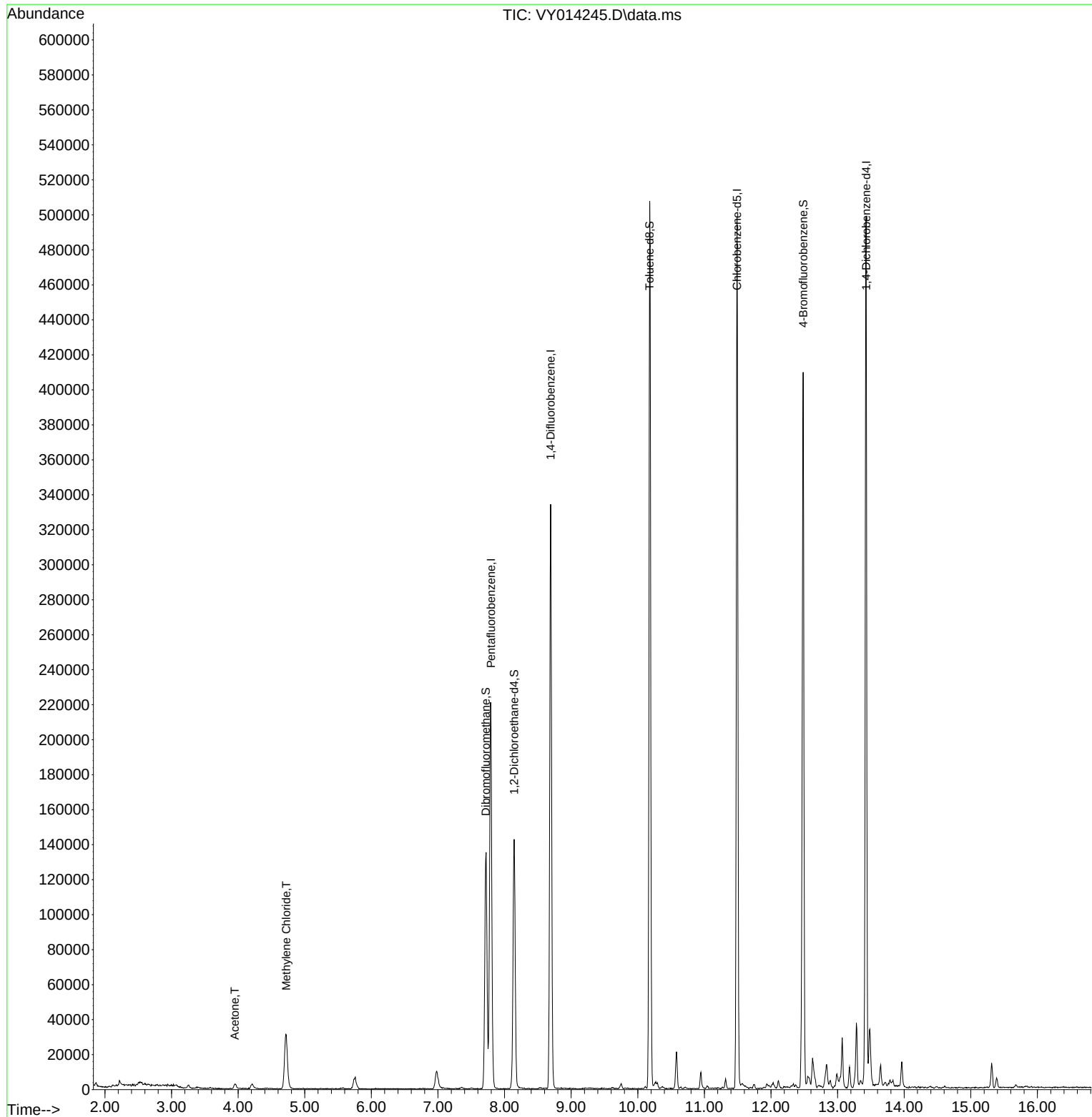
Internal Standards						
1) Pentafluorobenzene	7.795	168	173279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	269626	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	259888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	118376	49.059	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.120%
35) Dibromofluoromethane	7.716	113	91100	47.643	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.280%
50) Toluene-d8	10.179	98	333129	46.600	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.200%
62) 4-Bromofluorobenzene	12.483	95	109978	43.308	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.620%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	4819	6.626	ug/l	97
20) Methylene Chloride	4.723	84	22631	6.637	ug/l	94

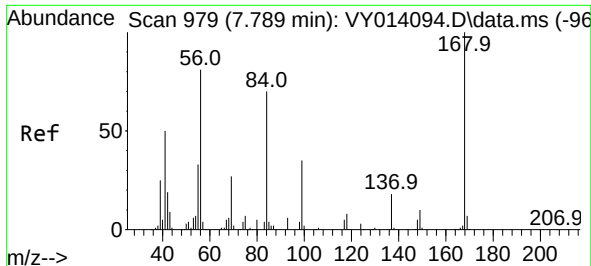
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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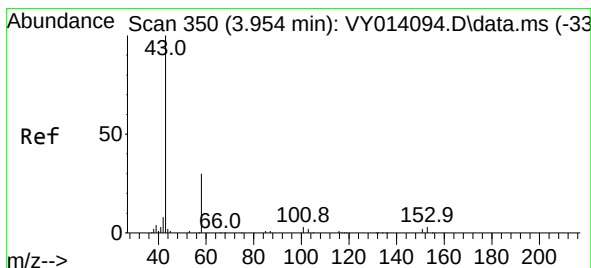
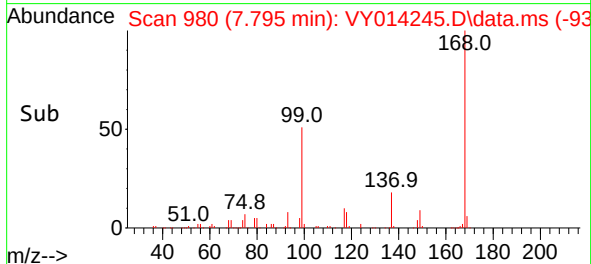
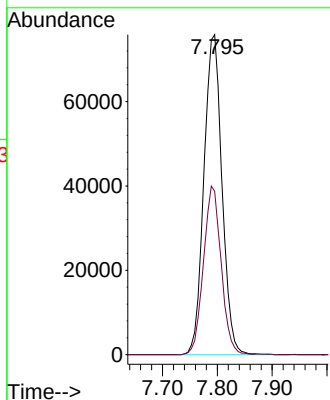
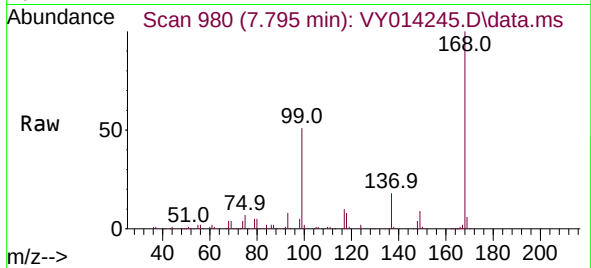




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014245.D
Acq: 19 Jun 2023 22:03

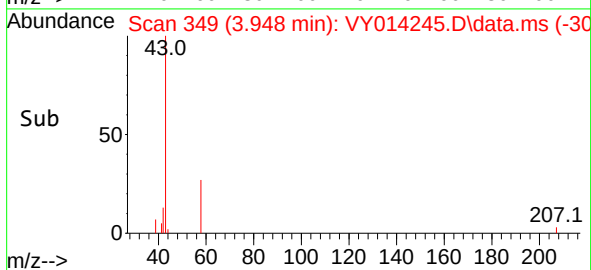
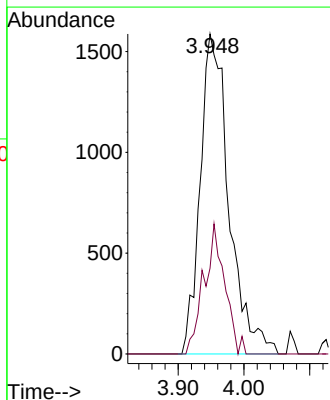
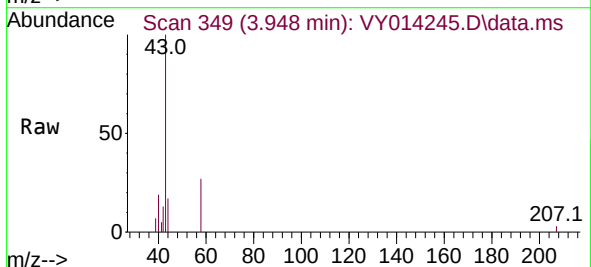
Instrument :
MSVOA_Y
ClientSampleId :
WC-10

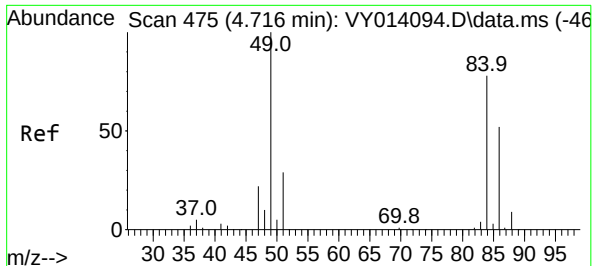
Tgt Ion:168 Resp: 173279
Ion Ratio Lower Upper
168 100
99 51.0 43.4 65.0



#16
Acetone
Concen: 6.626 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014245.D
Acq: 19 Jun 2023 22:03

Tgt Ion: 43 Resp: 4819
Ion Ratio Lower Upper
43 100
58 26.8 22.7 34.1

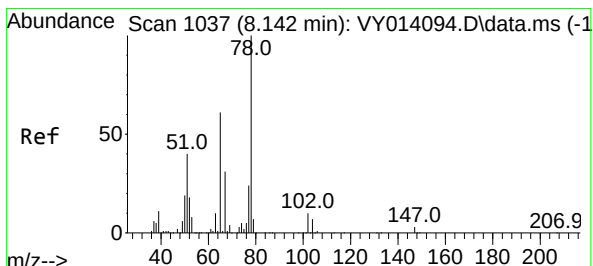
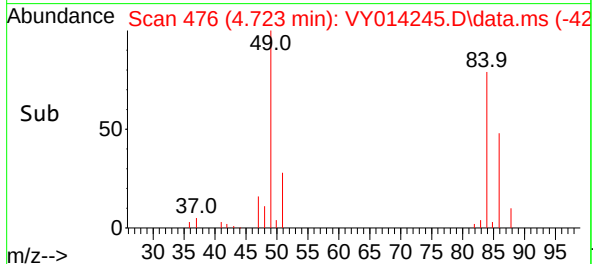
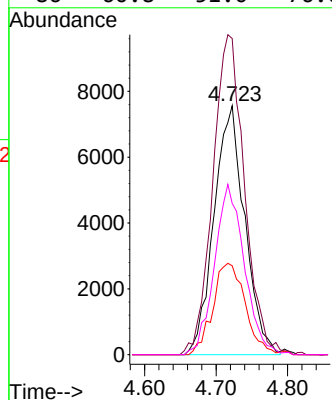
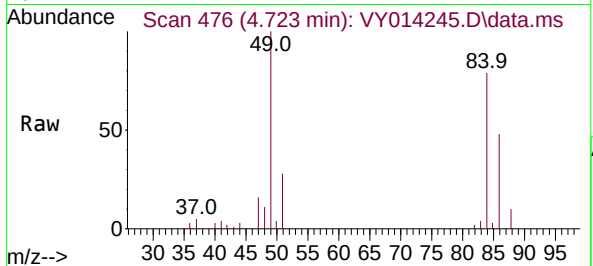




#20
Methylene Chloride
Concen: 6.637 ug/l
RT: 4.723 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY014245.D
Acq: 19 Jun 2023 22:03

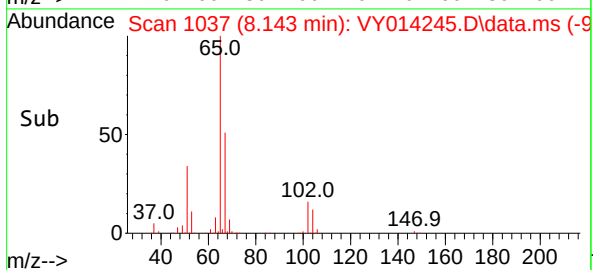
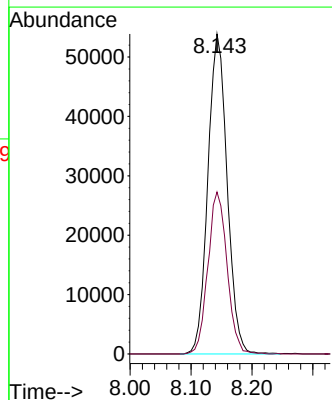
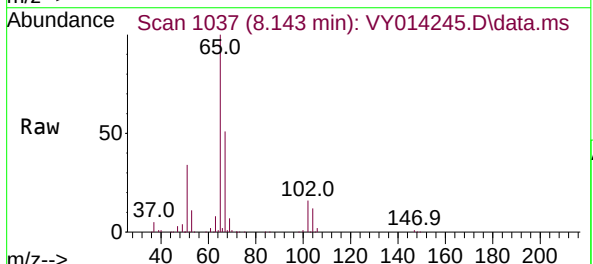
Instrument :
MSVOA_Y
ClientSampleId :
WC-10

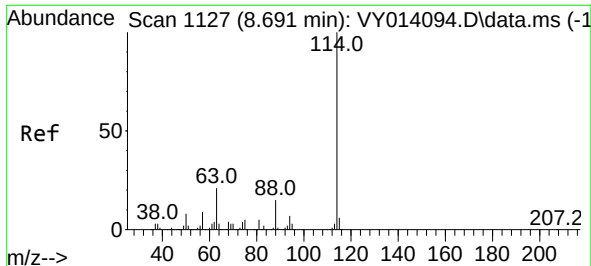
Tgt Ion:	84	Resp:	22631
Ion	Ratio	Lower	Upper
84	100		
49	127.0	106.9	160.3
51	35.7	33.2	49.8
86	60.8	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 49.059 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014245.D
Acq: 19 Jun 2023 22:03

Tgt Ion:	65	Resp:	118376
Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	101.8

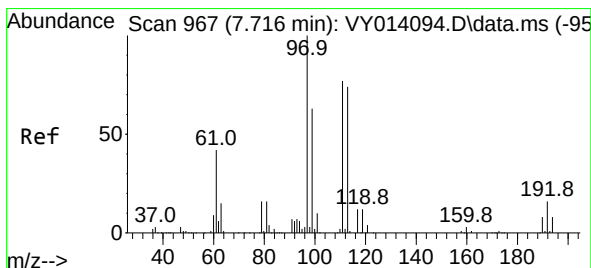
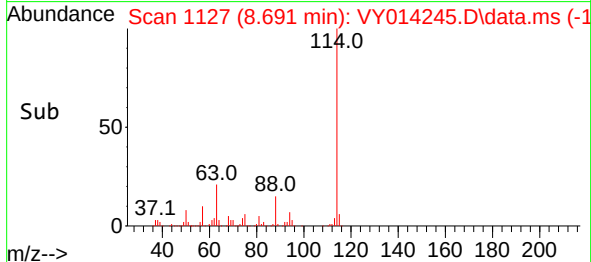
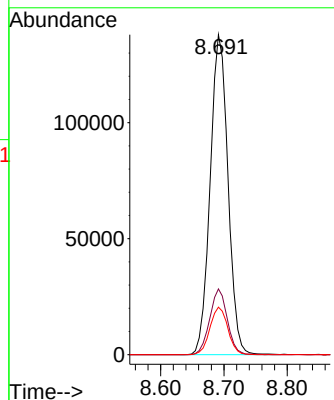
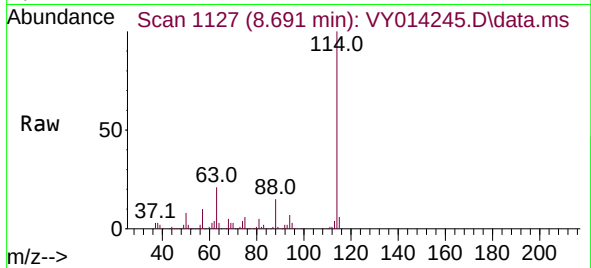




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY014245.D
 Acq: 19 Jun 2023 22:03

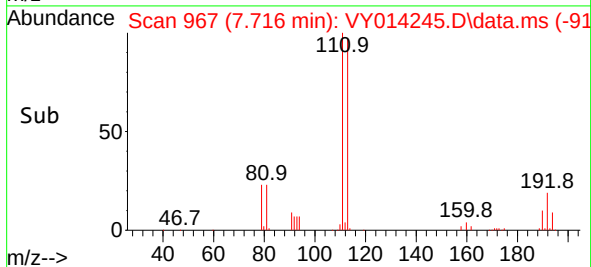
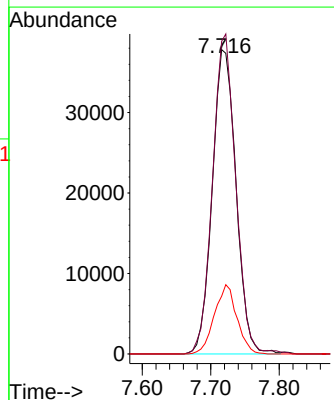
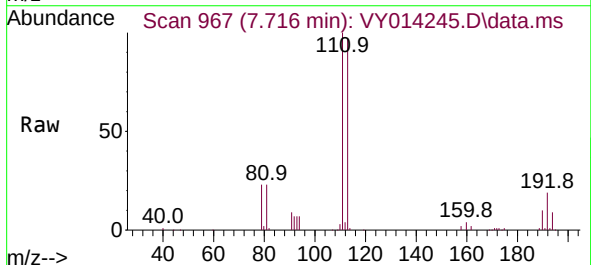
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-10

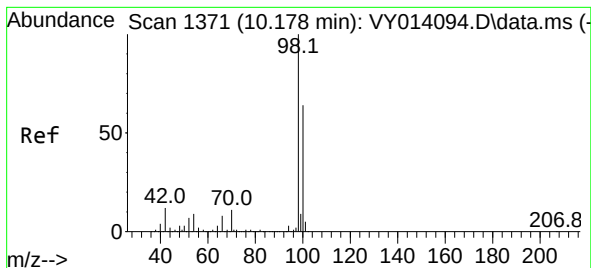
Tgt Ion:	114	Resp:	269626
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	42.4
88	14.9	0.0	30.6



#35
 Dibromofluoromethane
 Concen: 47.643 ug/l
 RT: 7.716 min Scan# 967
 Delta R.T. -0.000 min
 Lab File: VY014245.D
 Acq: 19 Jun 2023 22:03

Tgt Ion:	113	Resp:	91100
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.3	121.9
192	21.5	16.9	25.3

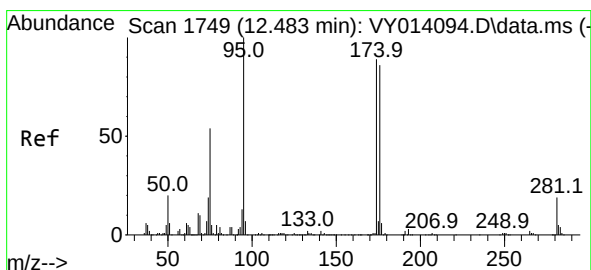
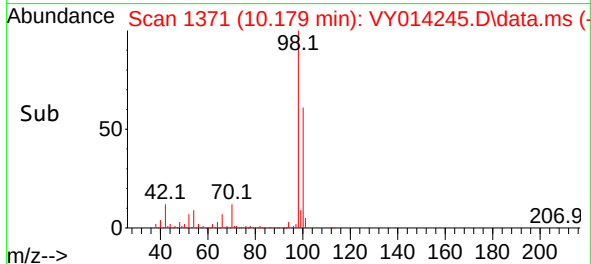
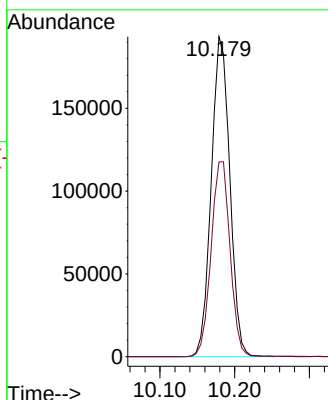
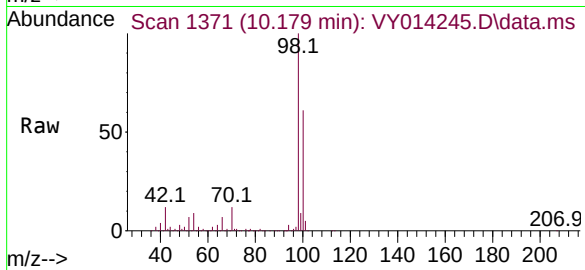




#50
Toluene-d8
Concen: 46.600 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014245.D
Acq: 19 Jun 2023 22:03

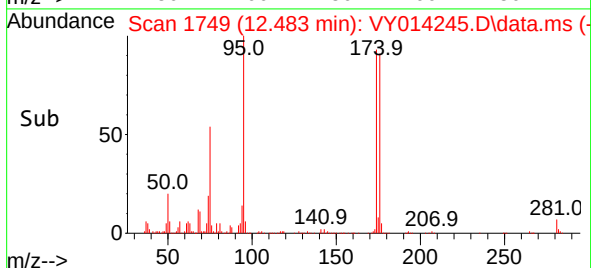
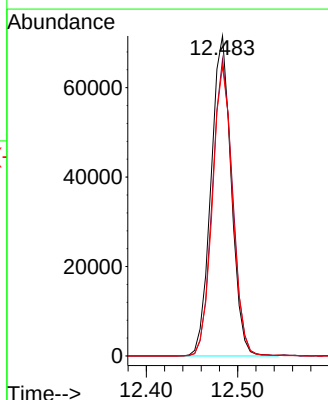
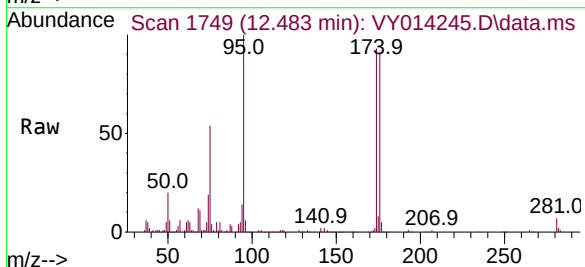
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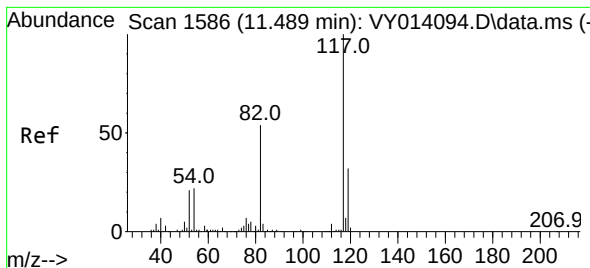
Tgt Ion: 98 Resp: 333129
Ion Ratio Lower Upper
98 100
100 62.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 43.308 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014245.D
Acq: 19 Jun 2023 22:03

Tgt Ion: 95 Resp: 109978
Ion Ratio Lower Upper
95 100
174 92.7 0.0 178.2
176 90.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014245.D

Acq: 19 Jun 2023 22:03

Instrument :

MSVOA_Y

ClientSampleId :

WC-10

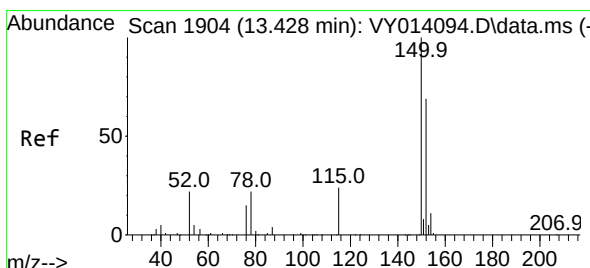
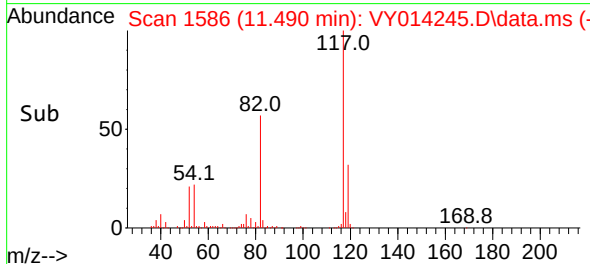
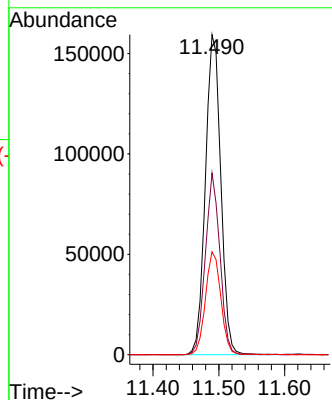
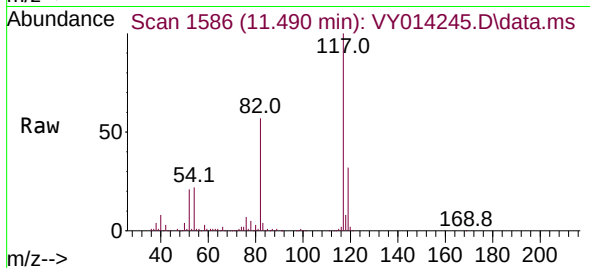
Tgt Ion:117 Resp: 259888

Ion Ratio Lower Upper

117 100

82 56.8 43.4 65.0

119 32.2 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014245.D

Acq: 19 Jun 2023 22:03

Tgt Ion:152 Resp: 126136

Ion Ratio Lower Upper

152 100

115 56.1 28.8 86.5

150 158.1 0.0 348.8

