

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014242.D
 Acq On : 19 Jun 2023 20:53
 Operator : KP/MD
 Sample : 03320-10
 Misc : 5.53g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-13

Quant Time: Jun 20 05:02:16 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)

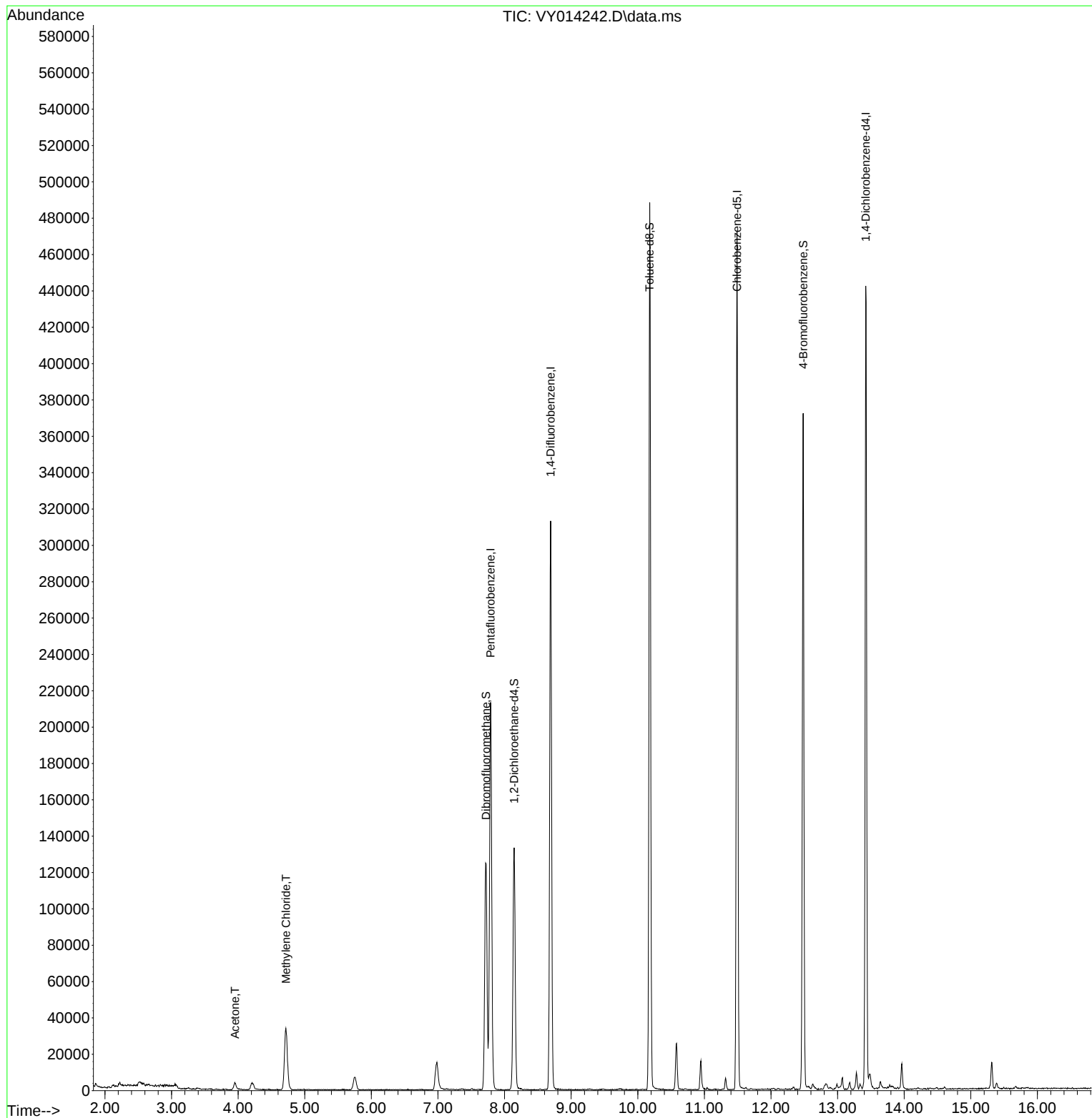
Internal Standards						
1) Pentafluorobenzene	7.789	168	166708	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	259556	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	248714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	117313	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	110408	47.560	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.120%
35) Dibromofluoromethane	7.722	113	87196	47.371	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.740%
50) Toluene-d8	10.179	98	315466	45.841	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.680%
62) 4-Bromofluorobenzene	12.483	95	99344	40.639	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.280%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	6947	9.928	ug/l	89
20) Methylene Chloride	4.716	84	24768	8.081	ug/l	93

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

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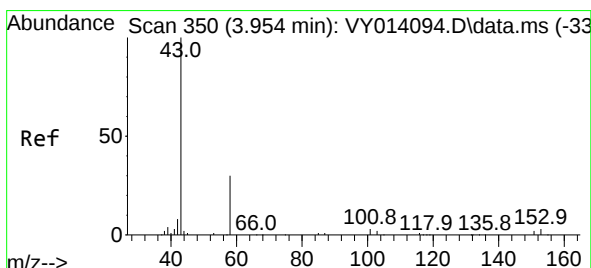
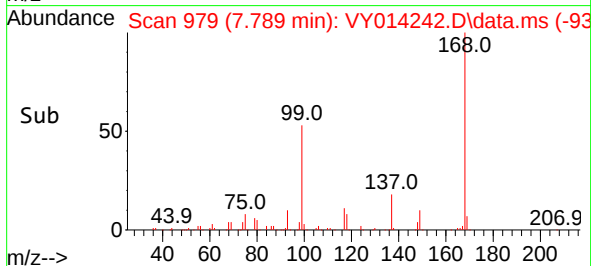
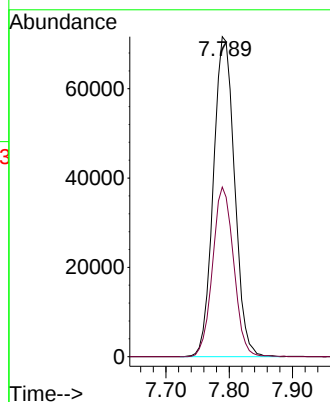
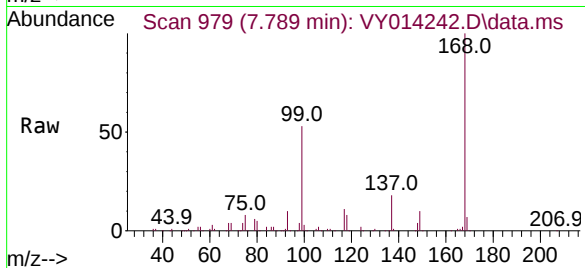




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014242.D
Acq: 19 Jun 2023 20:53

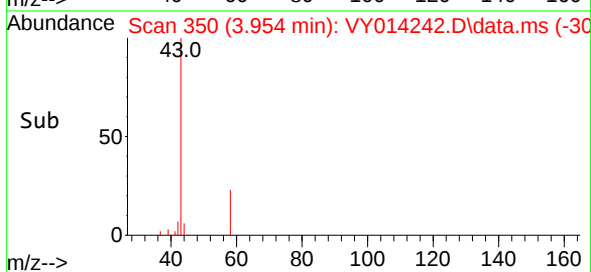
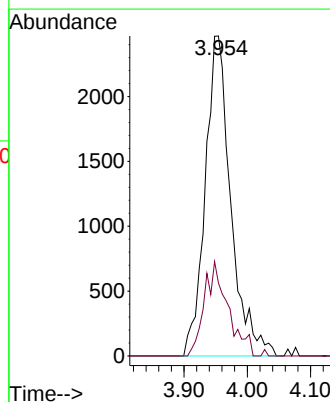
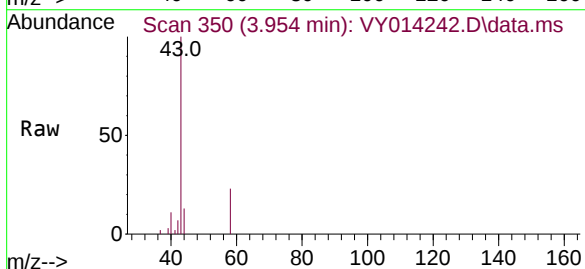
Instrument :
MSVOA_Y
ClientSampleId :
WC-13

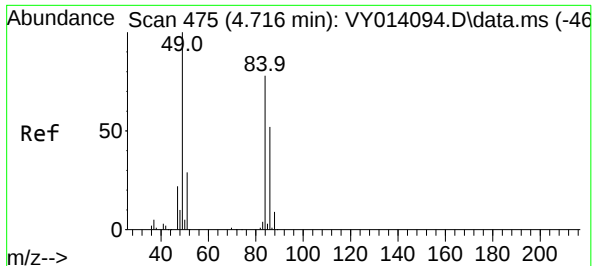
Tgt Ion:168 Resp: 166708
Ion Ratio Lower Upper
168 100
99 53.0 43.4 65.0



#16
Acetone
Concen: 9.928 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY014242.D
Acq: 19 Jun 2023 20:53

Tgt Ion: 43 Resp: 6947
Ion Ratio Lower Upper
43 100
58 22.8 22.7 34.1

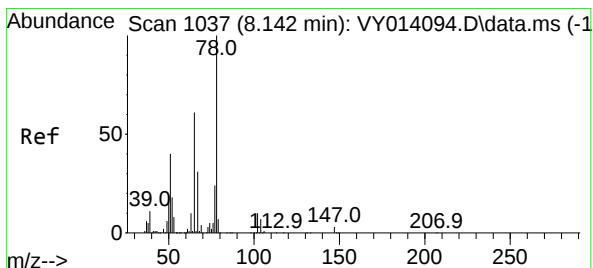
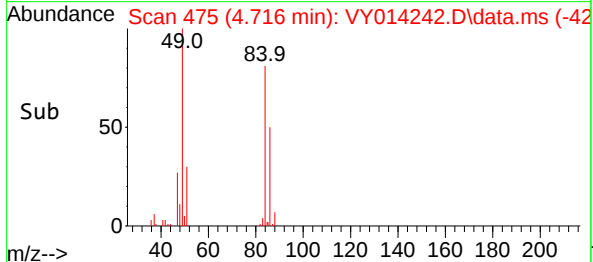
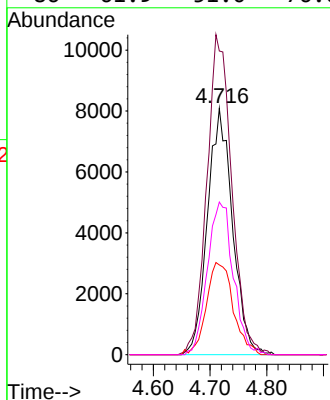
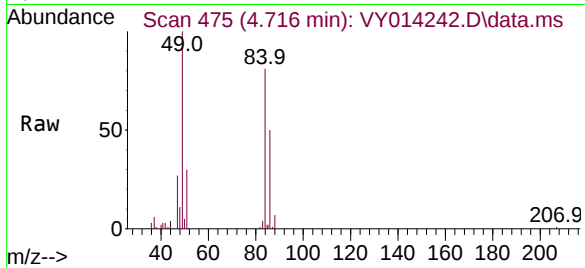




#20
Methylene Chloride
Concen: 8.081 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014242.D
Acq: 19 Jun 2023 20:53

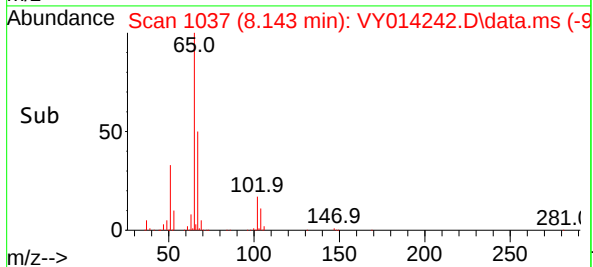
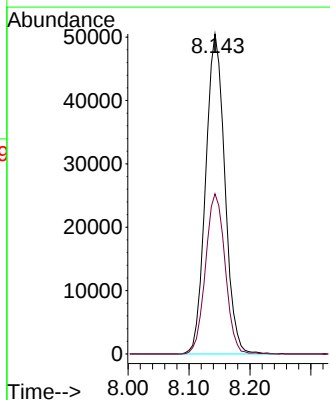
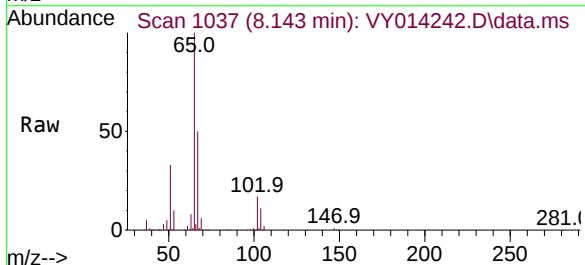
Instrument :
MSVOA_Y
ClientSampleId :
WC-13

Tgt Ion:	84	Resp:	24768
Ion	Ratio	Lower	Upper
84	100		
49	123.2	106.9	160.3
51	36.4	33.2	49.8
86	61.9	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 47.560 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014242.D
Acq: 19 Jun 2023 20:53

Tgt Ion:	65	Resp:	110408
Ion	Ratio	Lower	Upper
65	100		
67	51.2	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: VY014242.D

Acq: 19 Jun 2023 20:53

Instrument :

MSVOA_Y

ClientSampleId :

WC-13

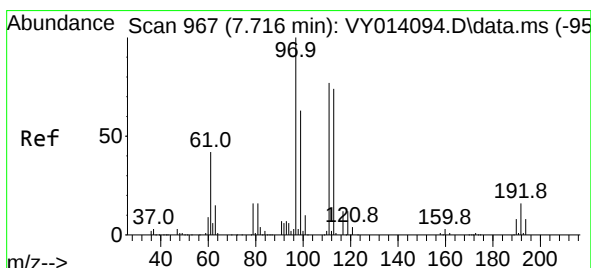
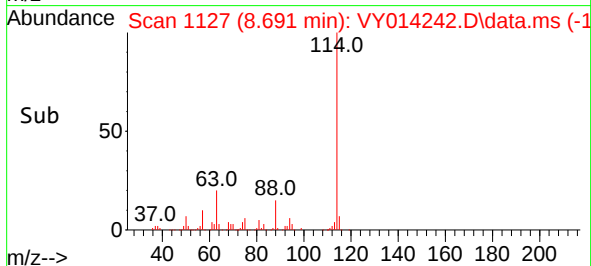
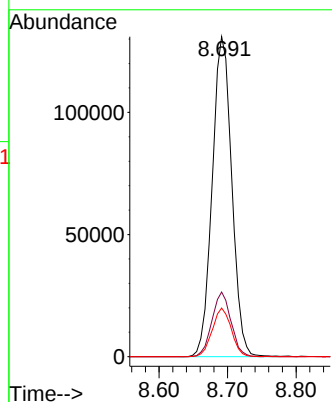
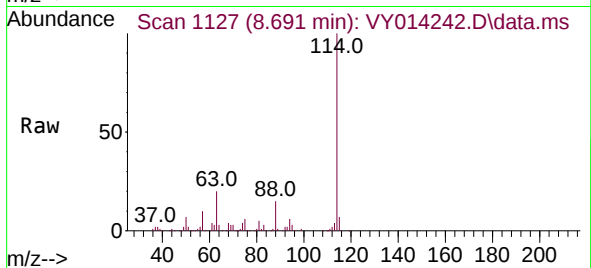
Tgt Ion:114 Resp: 259556

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.371 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY014242.D

Acq: 19 Jun 2023 20:53

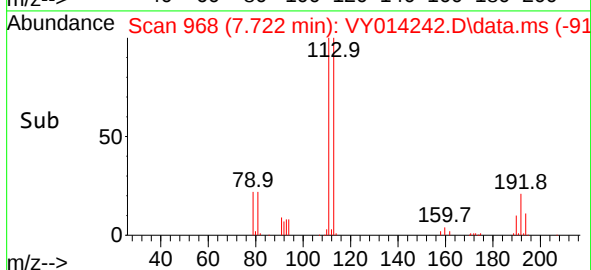
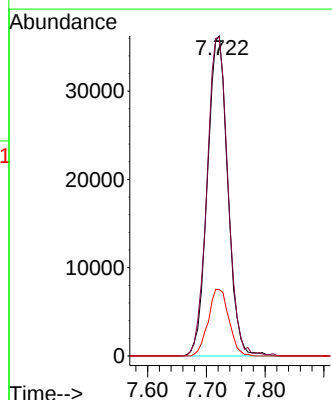
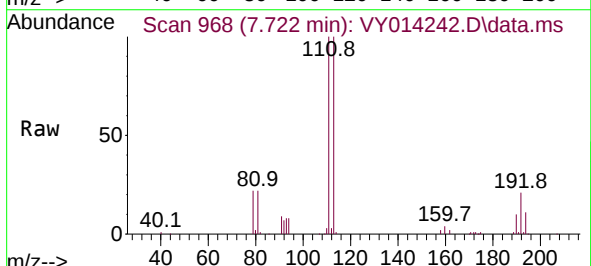
Tgt Ion:113 Resp: 87196

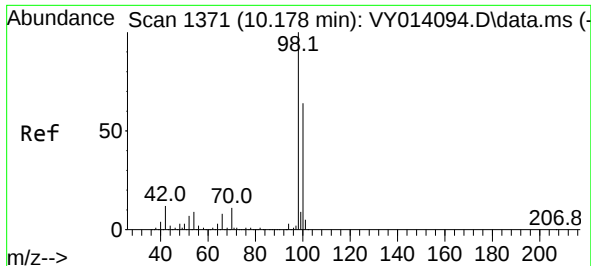
Ion Ratio Lower Upper

113 100

111 102.7 81.3 121.9

192 21.2 16.9 25.3

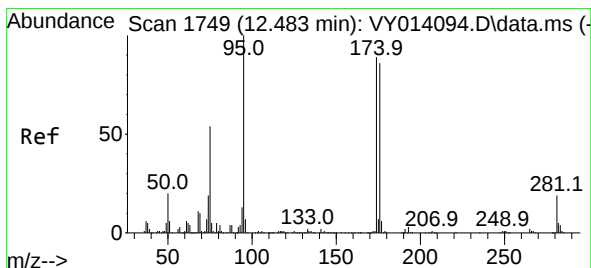
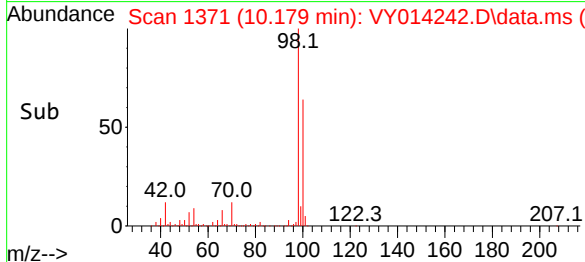
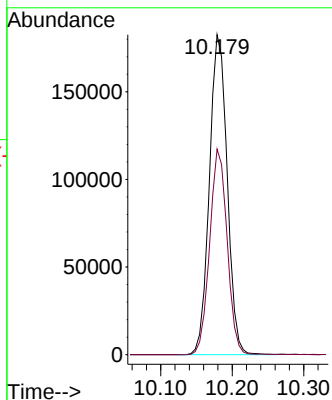
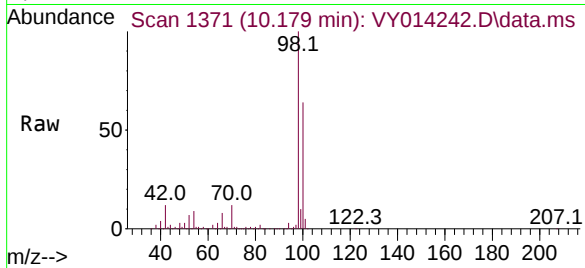




#50
Toluene-d8
Concen: 45.841 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014242.D
Acq: 19 Jun 2023 20:53

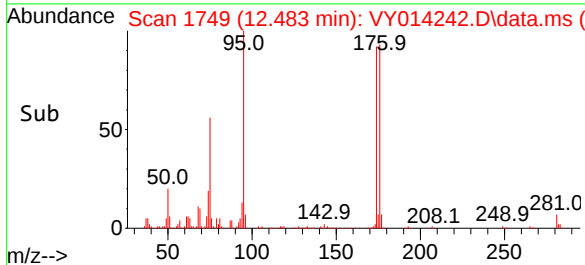
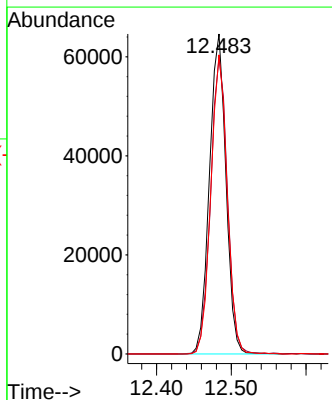
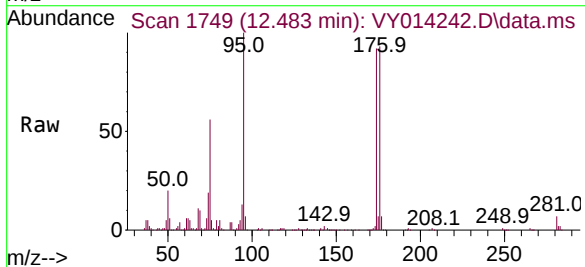
Instrument :
MSVOA_Y
ClientSampleId :
WC-13

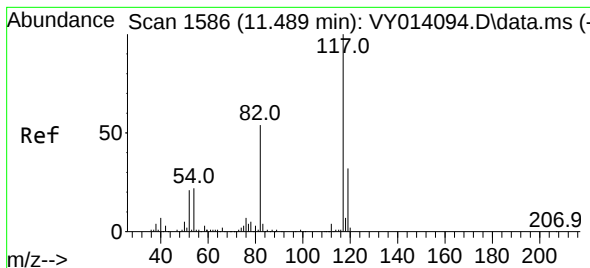
Tgt Ion: 98 Resp: 315466
Ion Ratio Lower Upper
98 100
100 63.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 40.639 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014242.D
Acq: 19 Jun 2023 20:53

Tgt Ion: 95 Resp: 99344
Ion Ratio Lower Upper
95 100
174 94.1 0.0 178.2
176 92.8 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: VY014242.D

Acq: 19 Jun 2023 20:53

Instrument :

MSVOA_Y

ClientSampleId :

WC-13

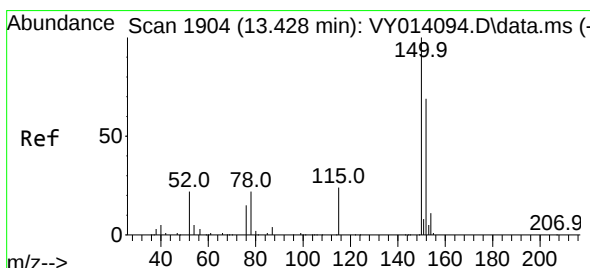
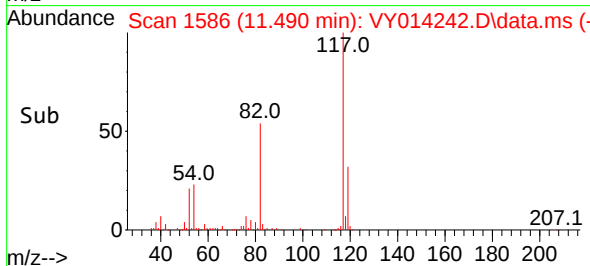
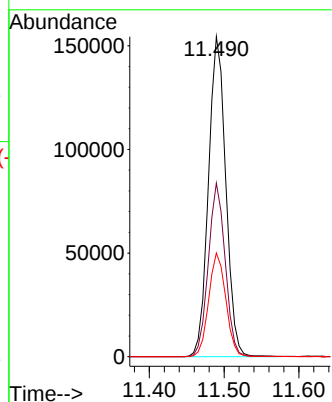
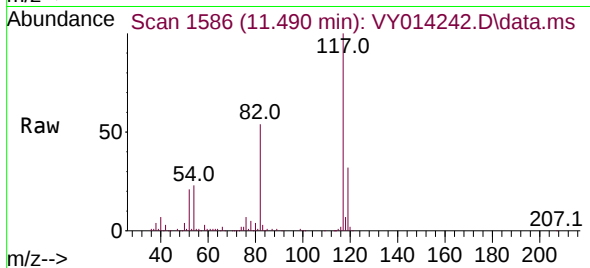
Tgt Ion:117 Resp: 248714

Ion Ratio Lower Upper

117 100

82 54.3 43.4 65.0

119 32.4 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014242.D

Acq: 19 Jun 2023 20:53

Tgt Ion:152 Resp: 117313

Ion Ratio Lower Upper

152 100

115 55.8 28.8 86.5

150 154.6 0.0 348.8

