

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072123\
 Data File : VY014741.D
 Acq On : 21 Jul 2023 12:57
 Operator : SY/MD
 Sample : 03674-01
 Misc : 6.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WO-7

Quant Time: Jul 22 05:35:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

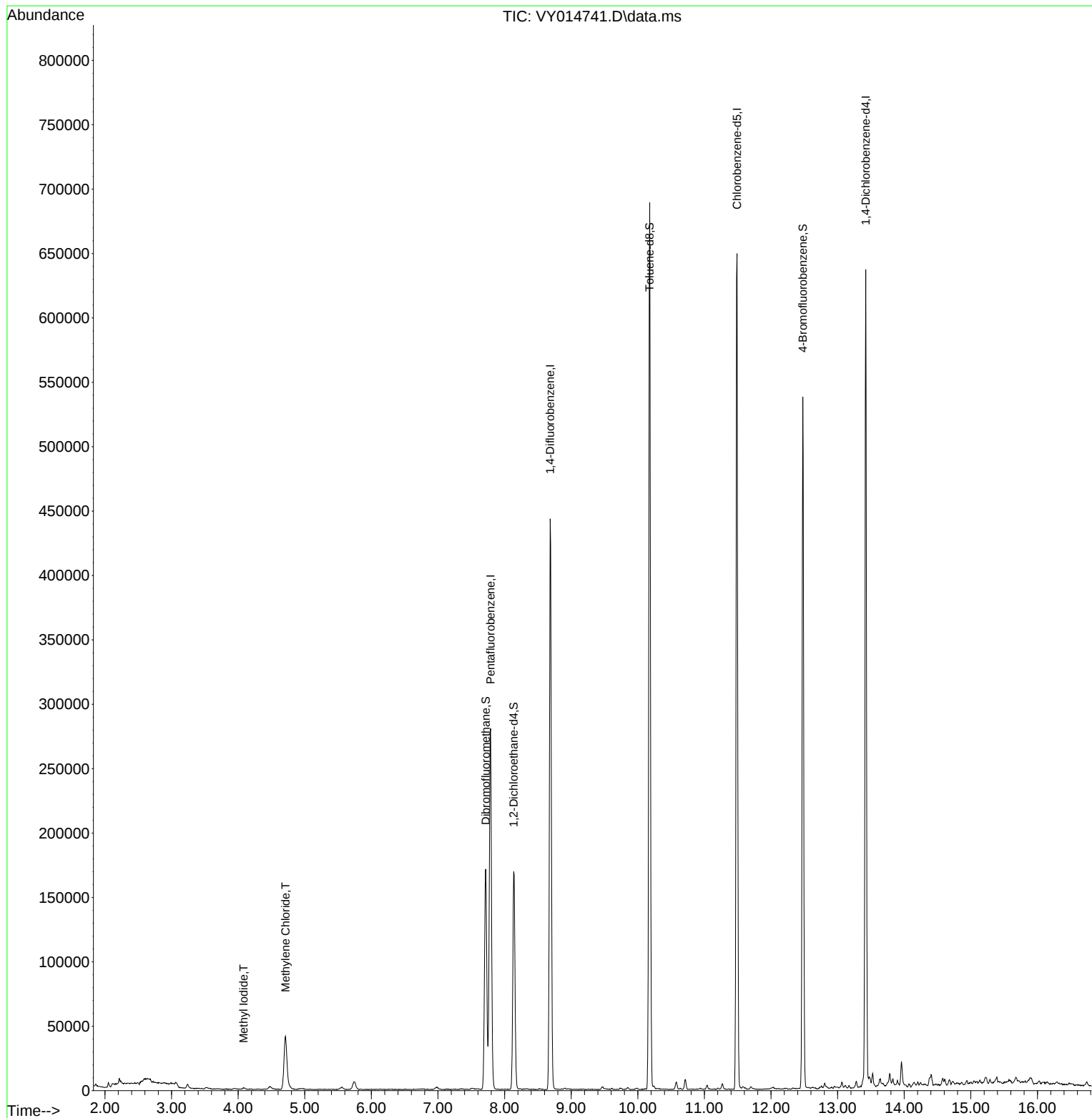
Internal Standards						
1) Pentafluorobenzene	7.789	168	224306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	385349	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	357319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	157641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	133830	52.358	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.720%	
35) Dibromofluoromethane	7.716	113	123360	50.289	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.580%	
50) Toluene-d8	10.179	98	452968	50.086	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.180%	
62) 4-Bromofluorobenzene	12.477	95	163366	47.110	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.220%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.082	142	1951	3.111	ug/l #	90
20) Methylene Chloride	4.710	84	31460	8.447	ug/l	88

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

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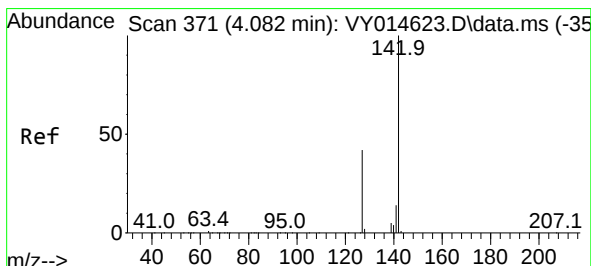
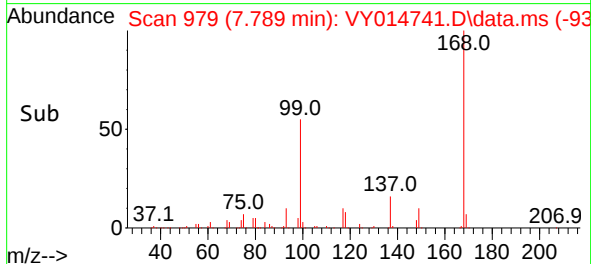
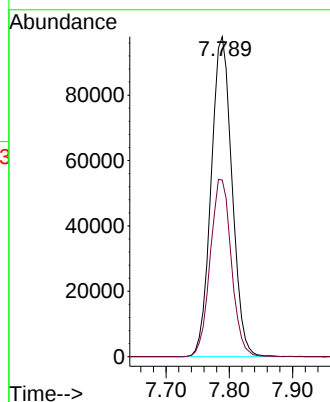
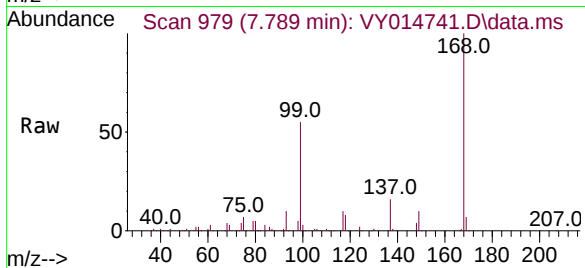




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014741.D
Acq: 21 Jul 2023 12:57

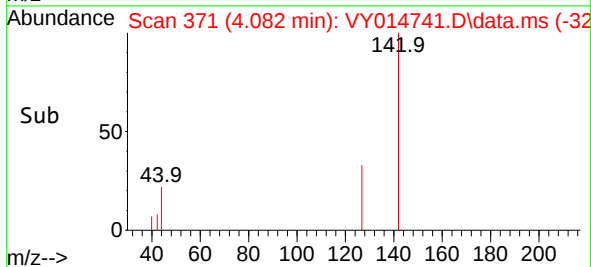
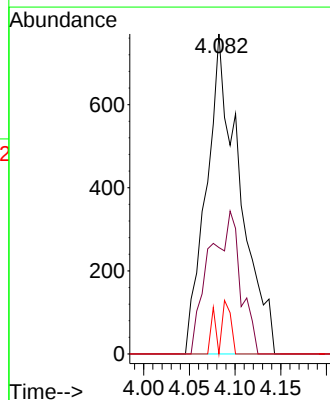
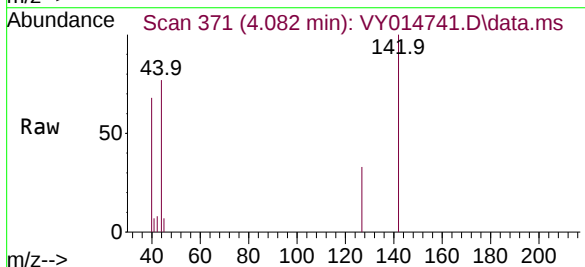
Instrument :
MSVOA_Y
ClientSampleId :
WO-7

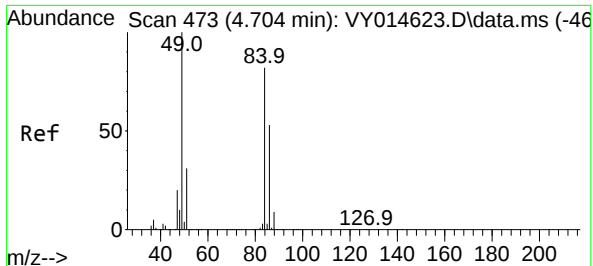
Tgt Ion:168 Resp: 224306
Ion Ratio Lower Upper
168 100
99 55.2 43.4 65.0



#10
Methyl Iodide
Concen: 3.111 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY014741.D
Acq: 21 Jul 2023 12:57

Tgt Ion:142 Resp: 1951
Ion Ratio Lower Upper
142 100
127 42.1 37.6 56.4
141 6.4 11.8 17.8#

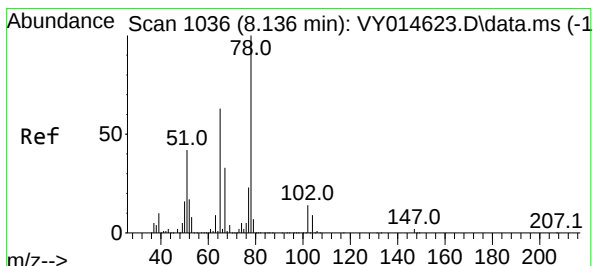
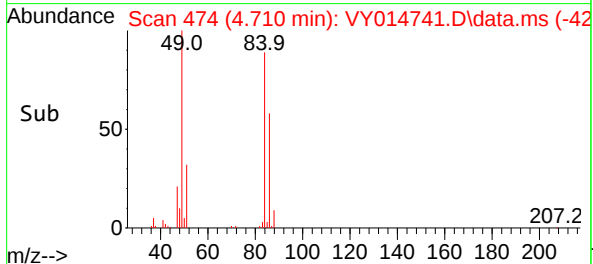
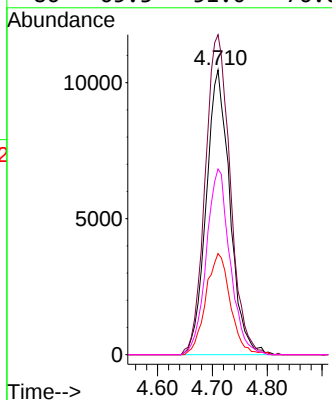
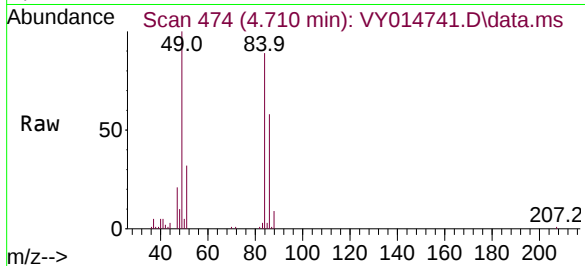




#20
Methylene Chloride
Concen: 8.447 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY014741.D
Acq: 21 Jul 2023 12:57

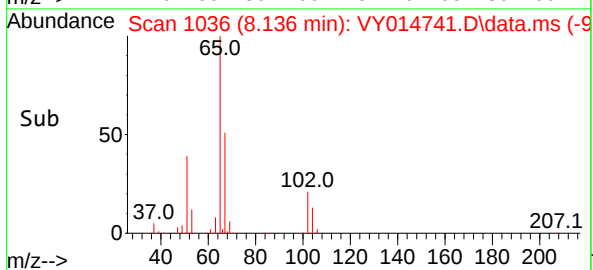
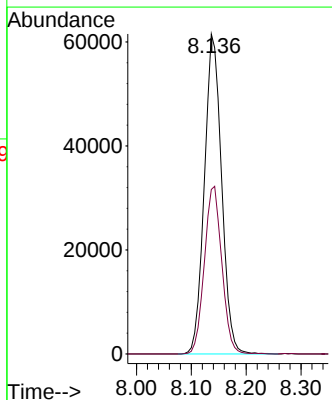
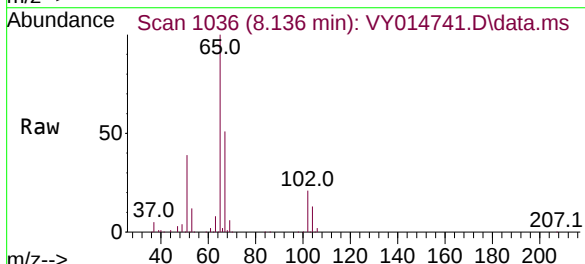
Instrument :
MSVOA_Y
ClientSampleId :
WO-7

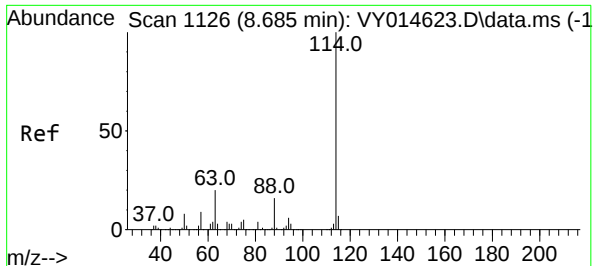
Tgt Ion:	84	Resp:	31460
Ion	Ratio	Lower	Upper
84	100		
49	112.4	106.9	160.3
51	35.6	33.2	49.8
86	65.3	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 52.358 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014741.D
Acq: 21 Jul 2023 12:57

Tgt Ion:	65	Resp:	133830
Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014741.D

Acq: 21 Jul 2023 12:57

Instrument :

MSVOA_Y

ClientSampleId :

WO-7

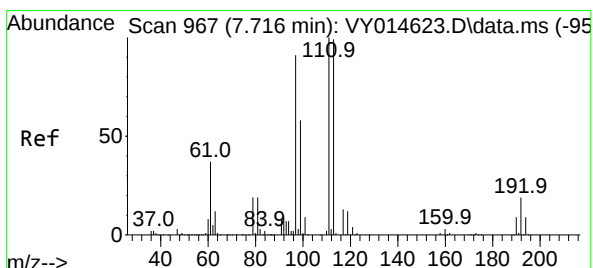
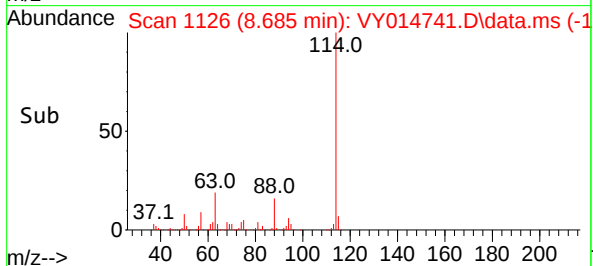
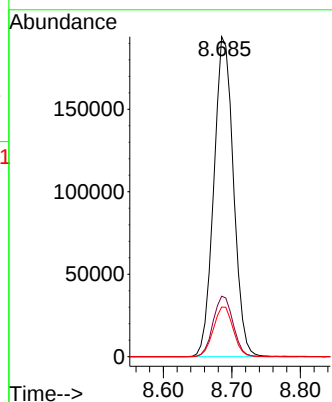
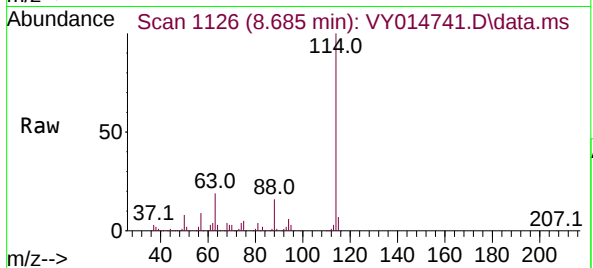
Tgt Ion:114 Resp: 385349

Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.289 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014741.D

Acq: 21 Jul 2023 12:57

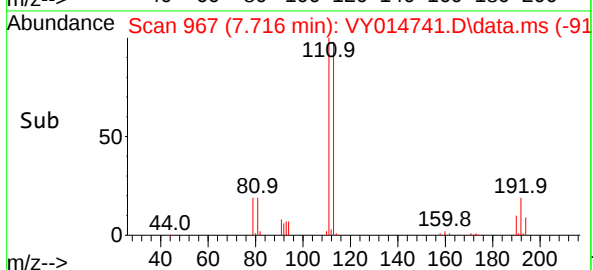
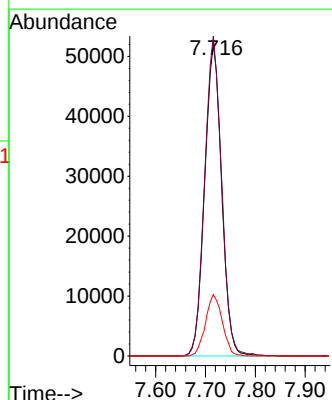
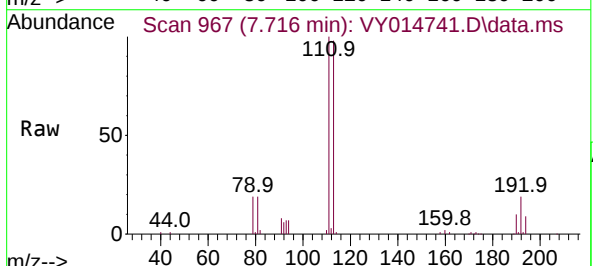
Tgt Ion:113 Resp: 123360

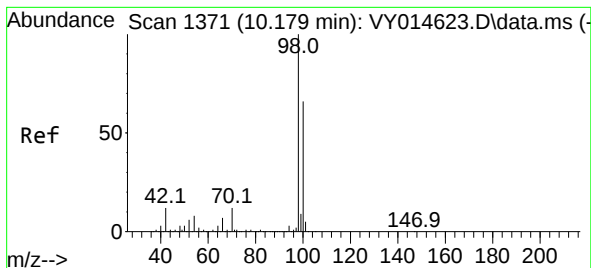
Ion Ratio Lower Upper

113 100

111 102.1 81.3 121.9

192 19.5 16.9 25.3

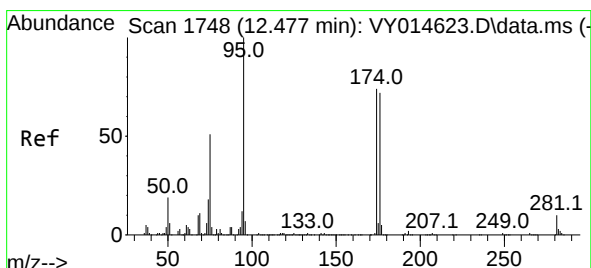
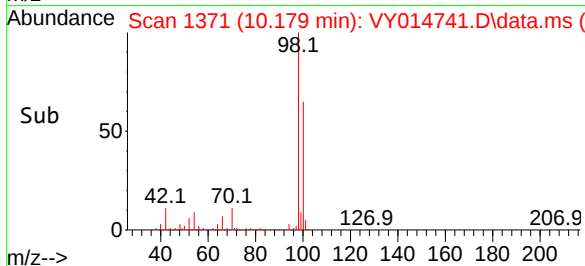
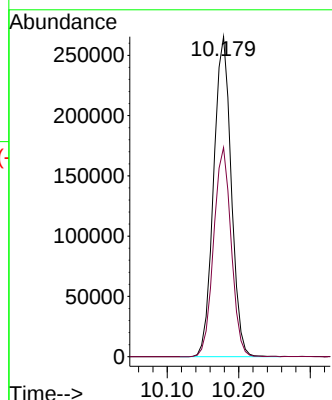
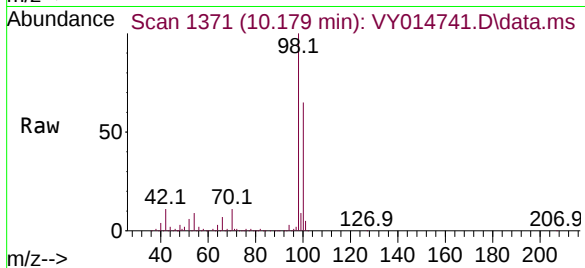




#50
Toluene-d8
Concen: 50.086 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014741.D
Acq: 21 Jul 2023 12:57

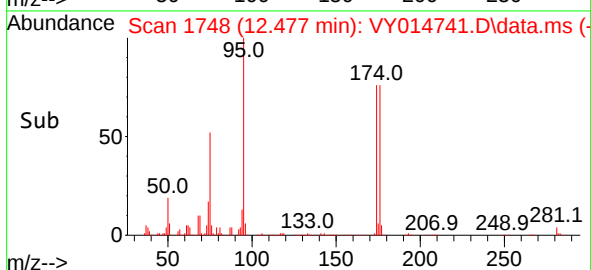
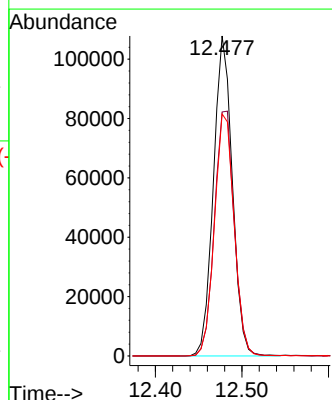
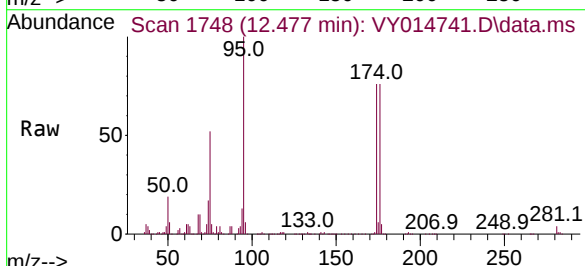
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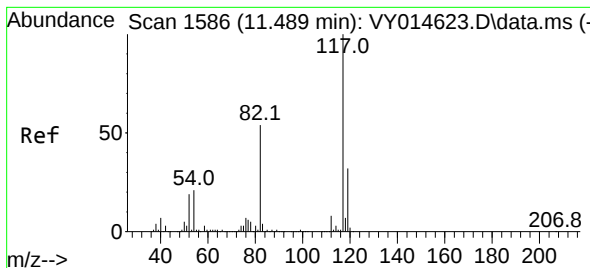
Tgt Ion: 98 Resp: 452968
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.110 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014741.D
Acq: 21 Jul 2023 12:57

Tgt Ion: 95 Resp: 163366
Ion Ratio Lower Upper
95 100
174 80.1 0.0 178.2
176 78.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014741.D

Acq: 21 Jul 2023 12:57

Instrument :

MSVOA_Y

ClientSampleId :

WO-7

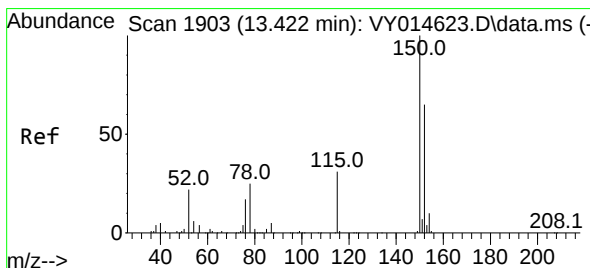
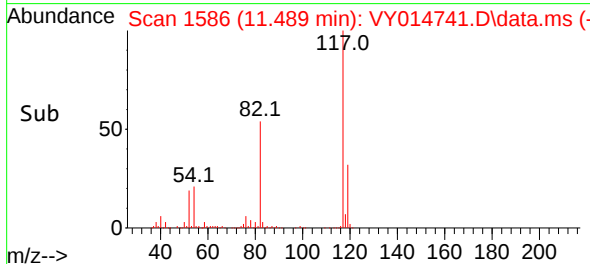
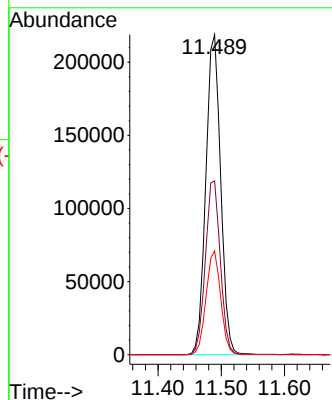
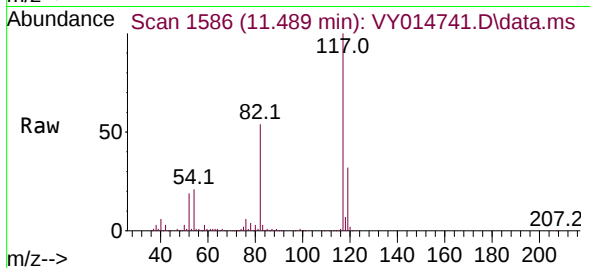
Tgt Ion:117 Resp: 357319

Ion Ratio Lower Upper

117 100

82 54.3 43.4 65.0

119 32.5 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014741.D

Acq: 21 Jul 2023 12:57

Tgt Ion:152 Resp: 157641

Ion Ratio Lower Upper

152 100

115 59.6 28.8 86.5

150 157.2 0.0 348.8

