

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072123\
 Data File : VY014759.D
 Acq On : 21 Jul 2023 20:04
 Operator : SY/MD
 Sample : 03685-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-24152

Quant Time: Jul 22 05:42:15 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)

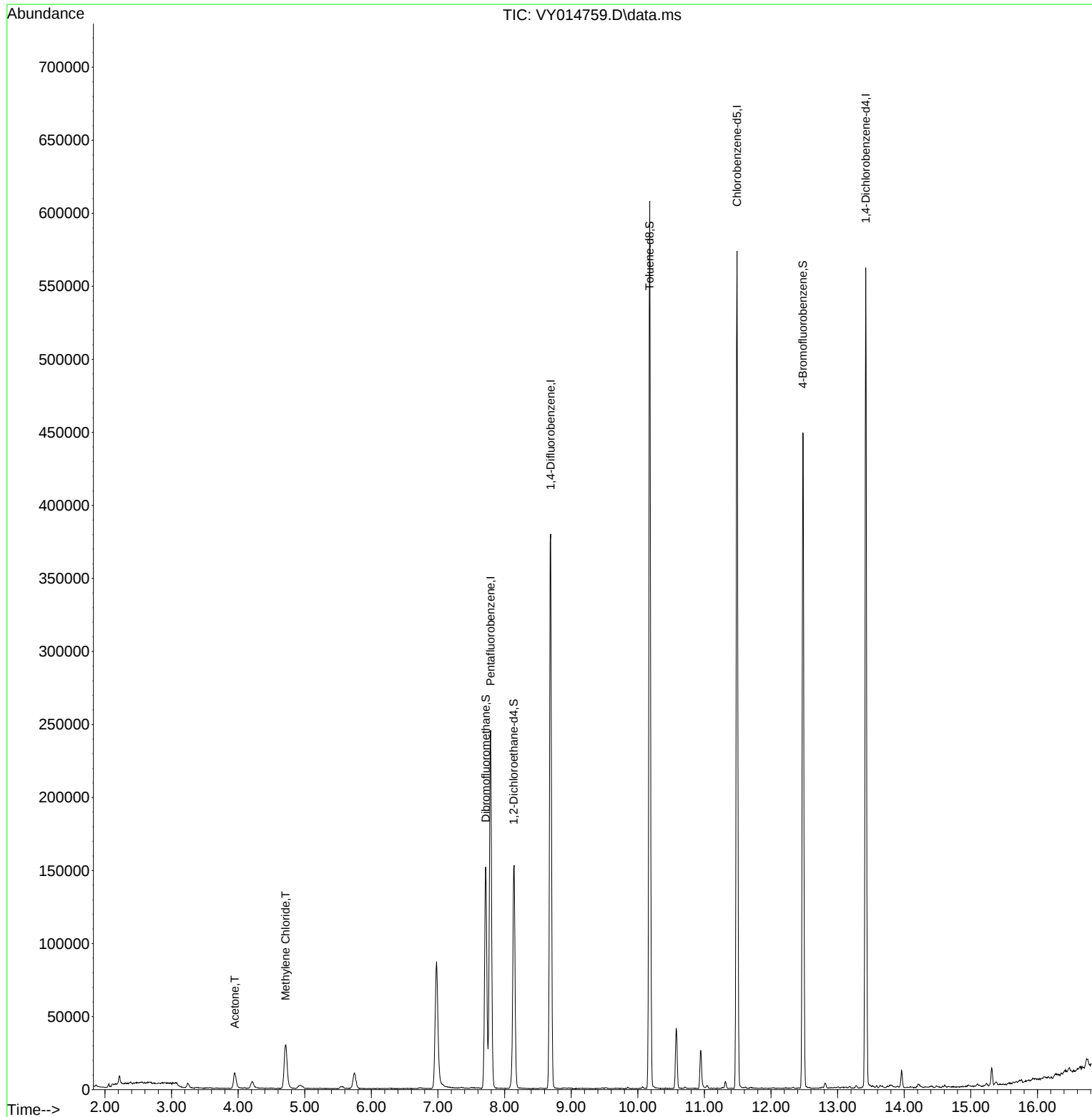
Internal Standards						
1) Pentafluorobenzene	7.789	168	191571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	332232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	313158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	143392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	119534	54.756	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.520%	
35) Dibromofluoromethane	7.716	113	107767	50.956	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.920%	
50) Toluene-d8	10.179	98	392229	50.304	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.600%	
62) 4-Bromofluorobenzene	12.477	95	142814	47.768	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.540%	
Target Compounds						Qvalue
16) Acetone	3.948	43	19731	28.522	ug/l #	84
20) Methylene Chloride	4.710	84	23425	6.773	ug/l	93

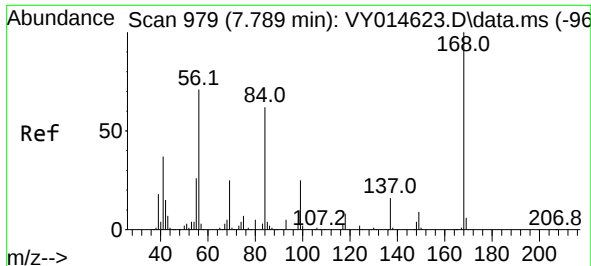
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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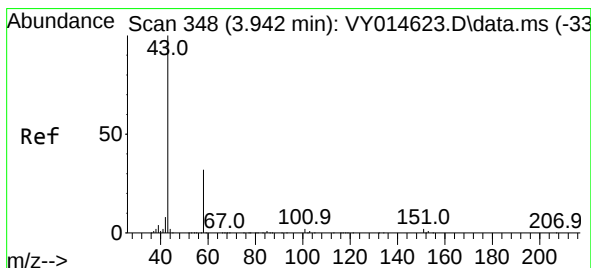
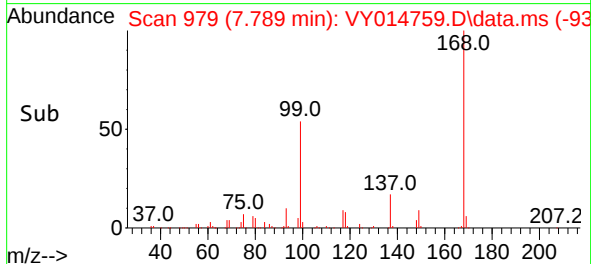
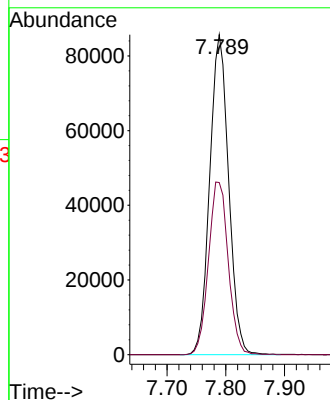
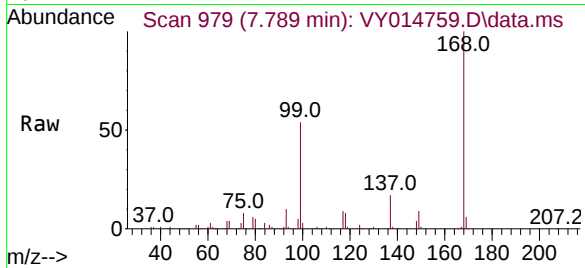




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014759.D
Acq: 21 Jul 2023 20:04

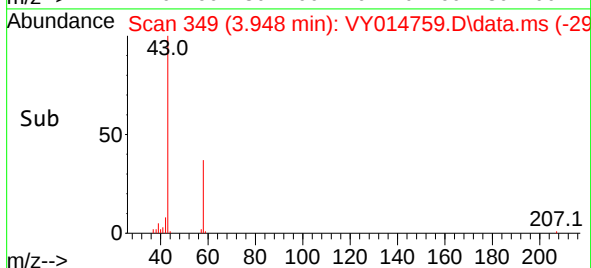
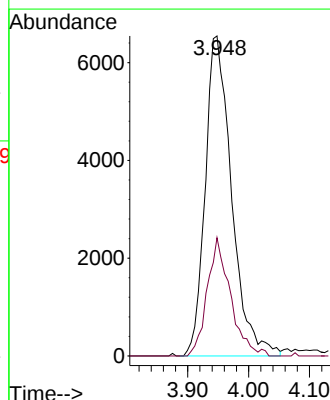
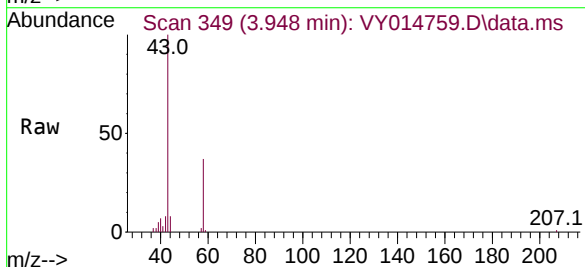
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-24152

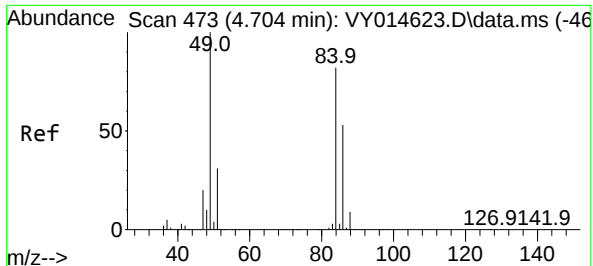
Tgt Ion:168 Resp: 191571
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#16
Acetone
Concen: 28.522 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014759.D
Acq: 21 Jul 2023 20:04

Tgt Ion: 43 Resp: 19731
Ion Ratio Lower Upper
43 100
58 37.0 22.7 34.1#

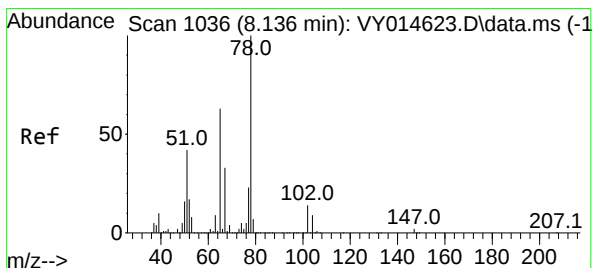
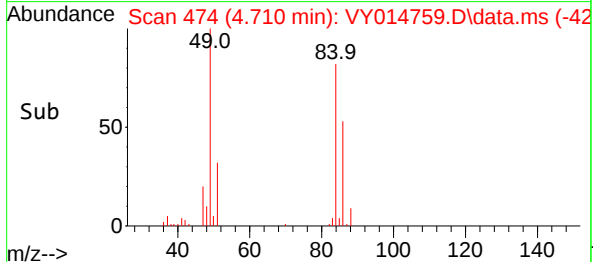
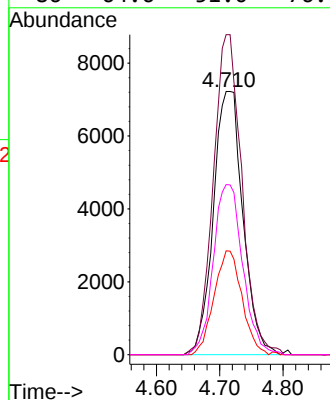
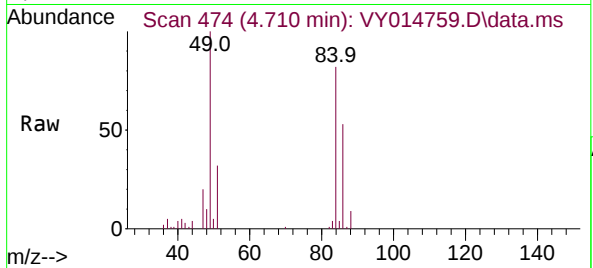




#20
Methylene Chloride
Concen: 6.773 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY014759.D
Acq: 21 Jul 2023 20:04

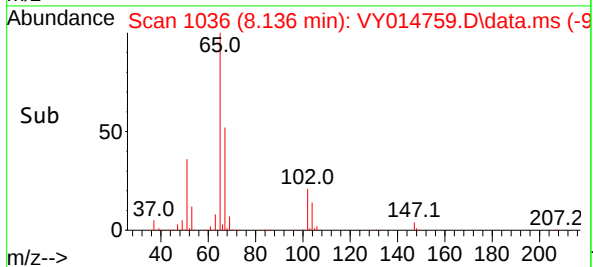
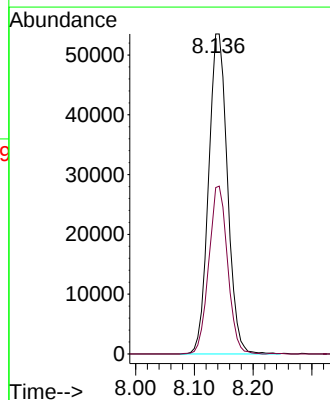
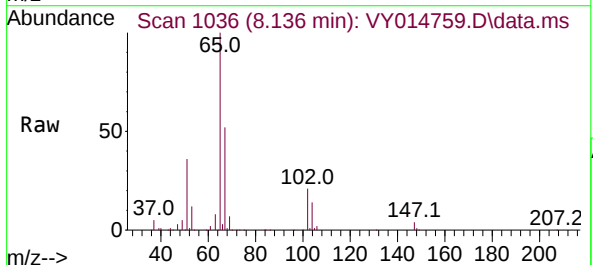
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-24152

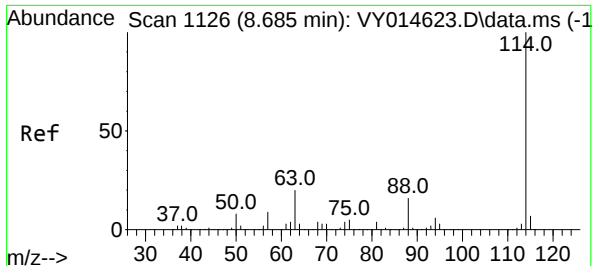
Tgt Ion:	84	Resp:	23425
Ion	Ratio	Lower	Upper
84	100		
49	121.5	106.9	160.3
51	39.5	33.2	49.8
86	64.6	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 54.756 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014759.D
Acq: 21 Jul 2023 20:04

Tgt Ion:	65	Resp:	119534
Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014759.D

Acq: 21 Jul 2023 20:04

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-24152

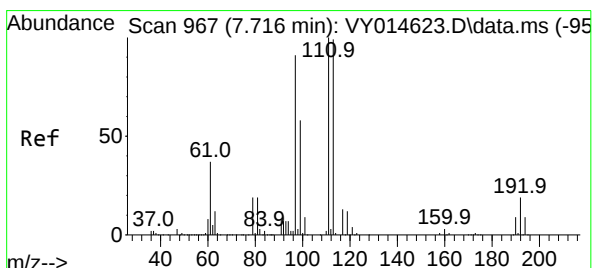
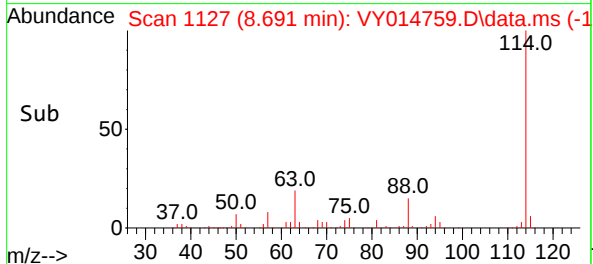
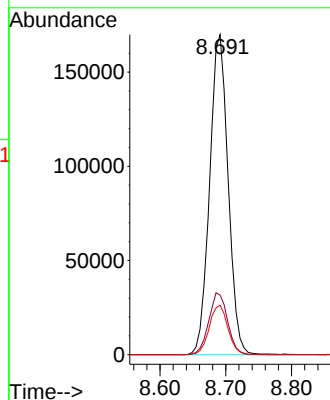
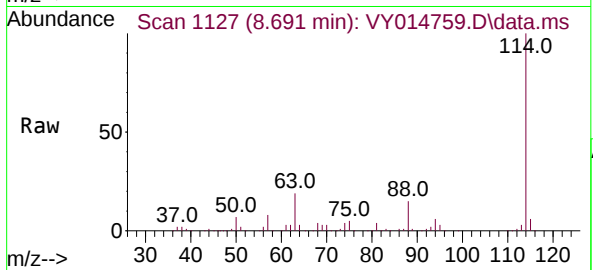
Tgt Ion:114 Resp: 332232

Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.956 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014759.D

Acq: 21 Jul 2023 20:04

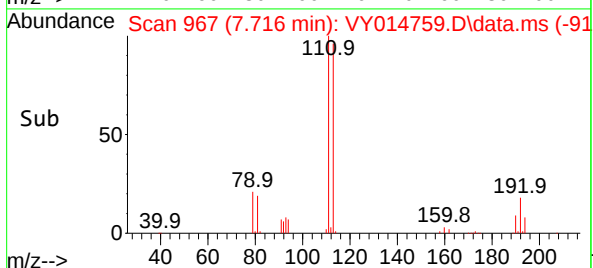
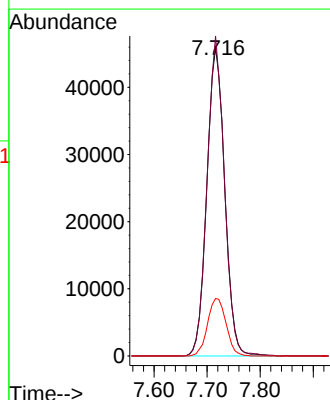
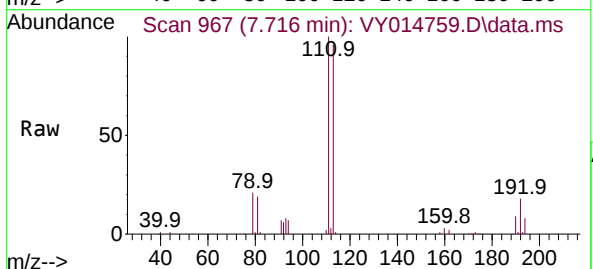
Tgt Ion:113 Resp: 107767

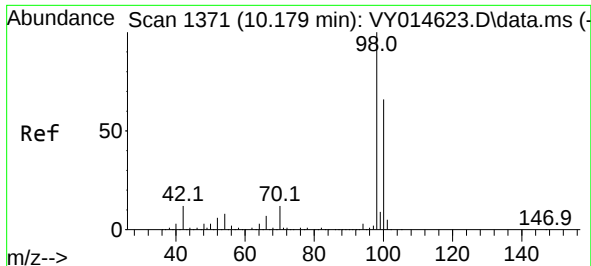
Ion Ratio Lower Upper

113 100

111 100.7 81.3 121.9

192 19.3 16.9 25.3

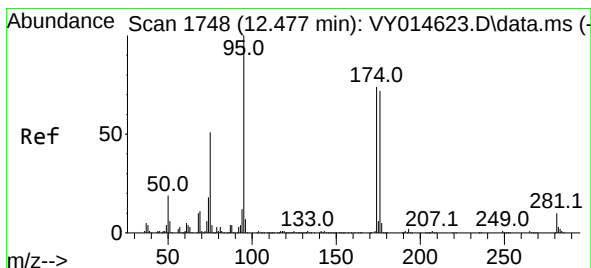
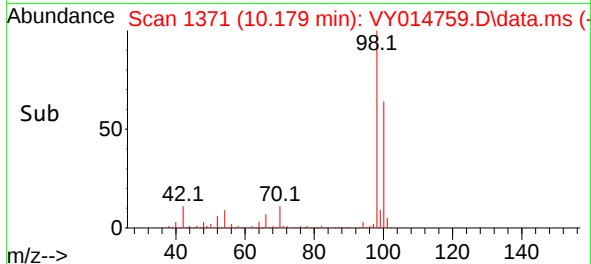
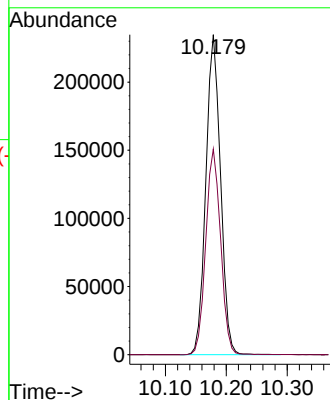
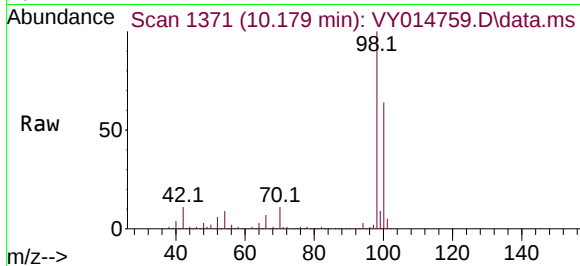




#50
Toluene-d8
Concen: 50.304 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014759.D
Acq: 21 Jul 2023 20:04

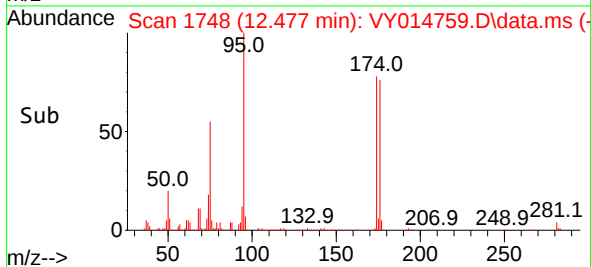
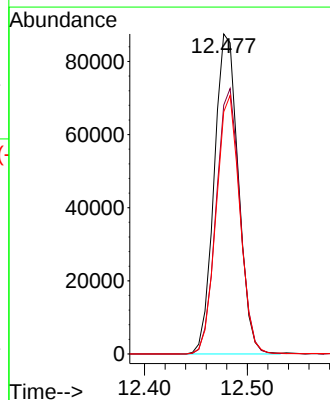
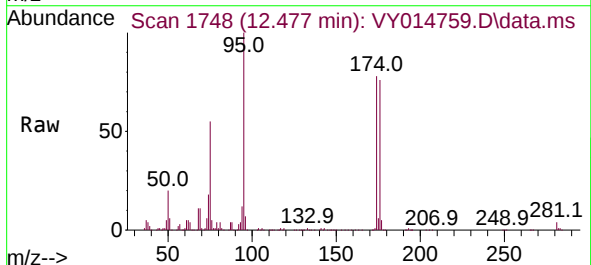
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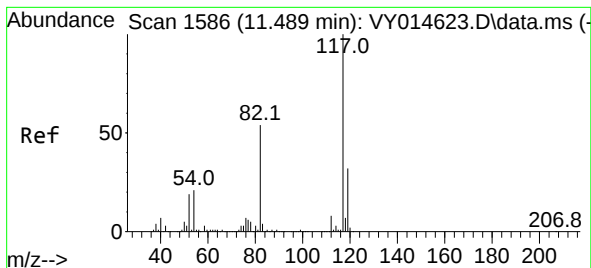
Tgt Ion: 98 Resp: 392229
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.768 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014759.D
Acq: 21 Jul 2023 20:04

Tgt Ion: 95 Resp: 142814
Ion Ratio Lower Upper
95 100
174 81.6 0.0 178.2
176 79.2 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: VY014759.D

Acq: 21 Jul 2023 20:04

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-24152

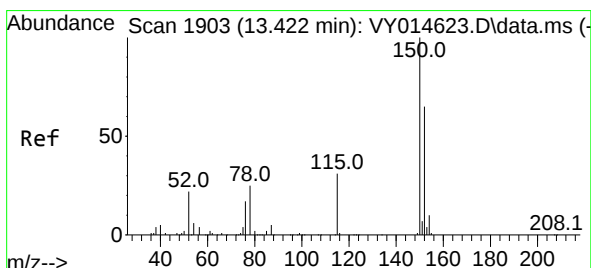
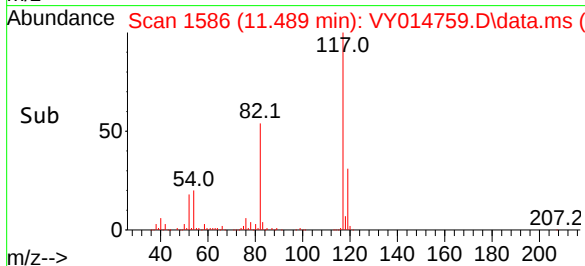
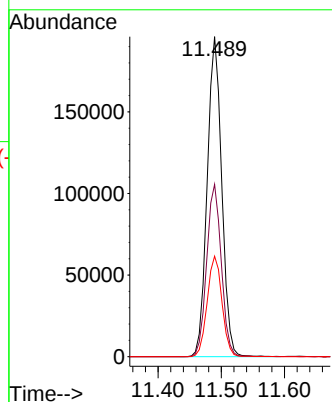
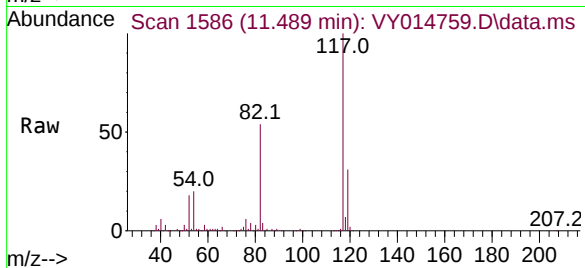
Tgt Ion:117 Resp: 313158

Ion Ratio Lower Upper

117 100

82 53.8 43.4 65.0

119 31.4 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014759.D

Acq: 21 Jul 2023 20:04

Tgt Ion:152 Resp: 143392

Ion Ratio Lower Upper

152 100

115 59.4 28.8 86.5

150 156.4 0.0 348.8

