

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080323\
 Data File : VY014953.D
 Acq On : 03 Aug 2023 17:02
 Operator : SY/MD
 Sample : 03864-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Aug 04 04:32:58 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)

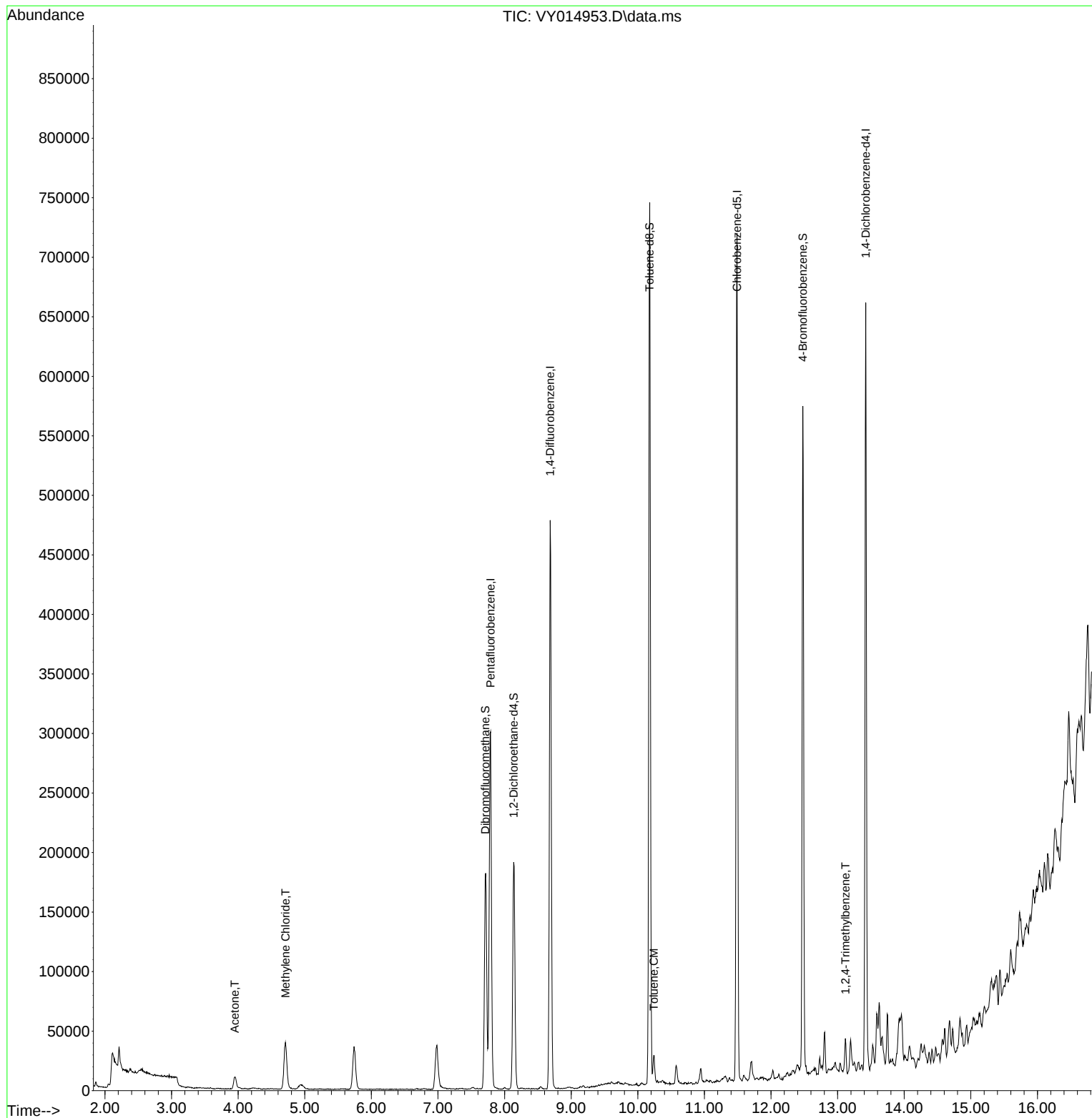
Internal Standards						
1) Pentafluorobenzene	7.789	168	237116	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	407148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	387805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	158569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	153095	56.659	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.320%
35) Dibromofluoromethane	7.710	113	127473	49.183	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.360%
50) Toluene-d8	10.179	98	483114	50.559	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.120%
62) 4-Bromofluorobenzene	12.477	95	171681	46.857	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.720%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	19238	22.468	ug/l	92
20) Methylene Chloride	4.710	84	30191	7.243	ug/l #	85
52) Toluene	10.240	92	9352	1.326	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	15064	1.480	ug/l	98

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

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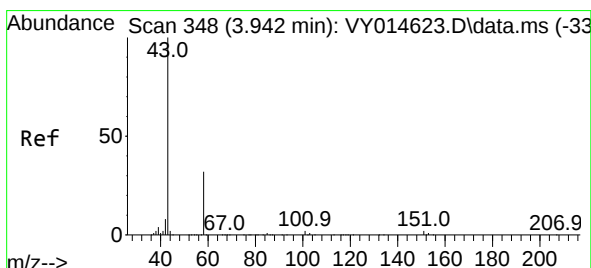
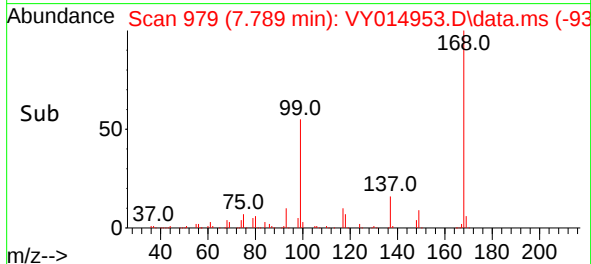
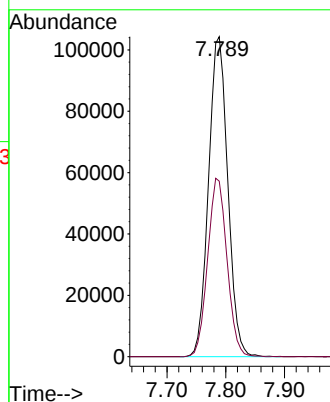
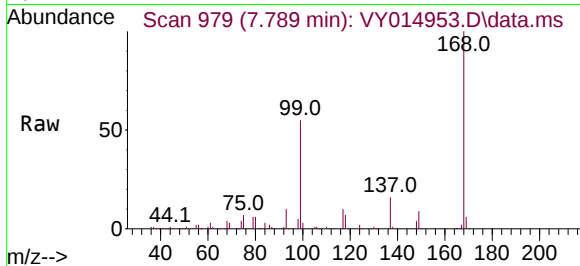




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014953.D
Acq: 03 Aug 2023 17:02

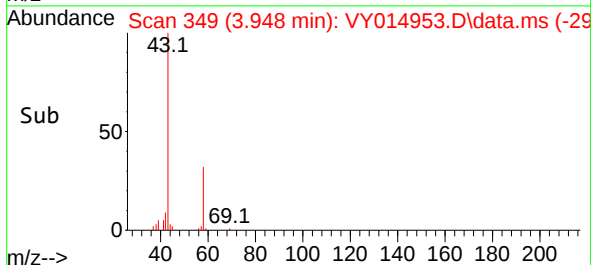
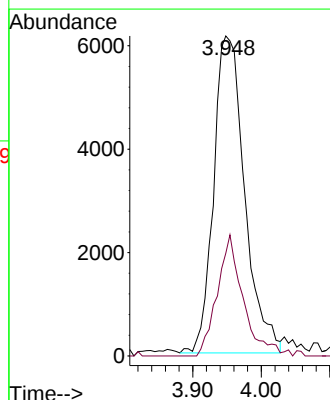
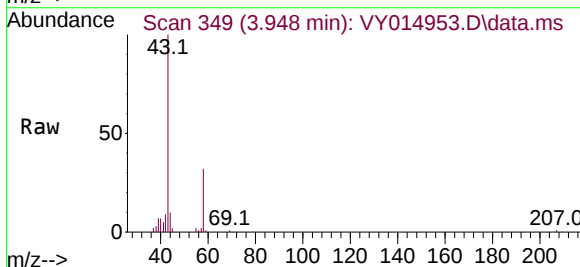
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

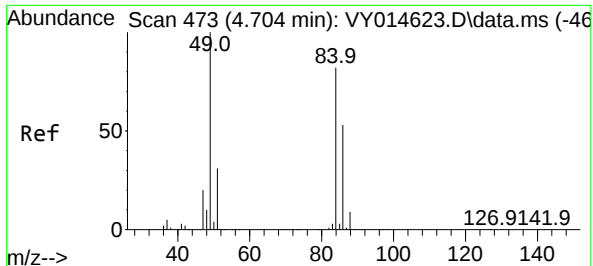
Tgt Ion:168 Resp: 237116
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#16
Acetone
Concen: 22.468 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014953.D
Acq: 03 Aug 2023 17:02

Tgt Ion: 43 Resp: 19238
Ion Ratio Lower Upper
43 100
58 32.4 22.7 34.1

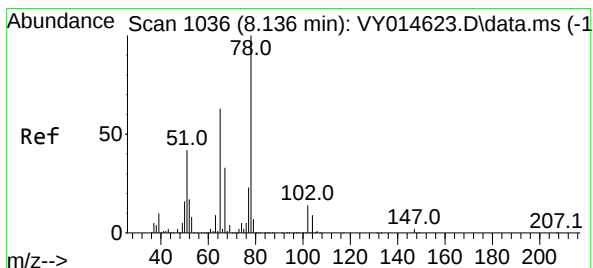
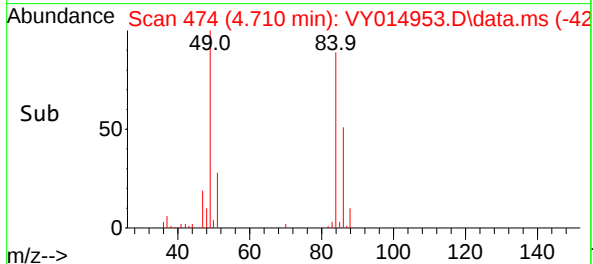
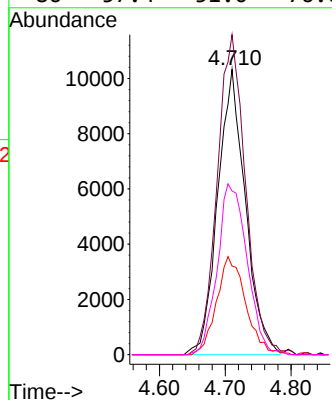
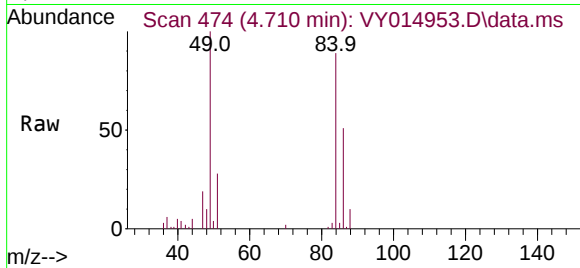




#20
Methylene Chloride
Concen: 7.243 ug/l
RT: 4.710 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY014953.D
Acq: 03 Aug 2023 17:02

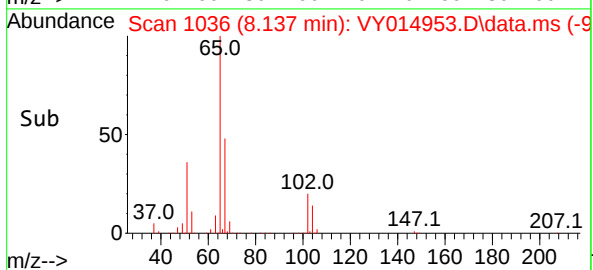
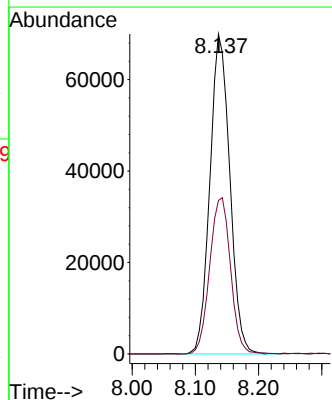
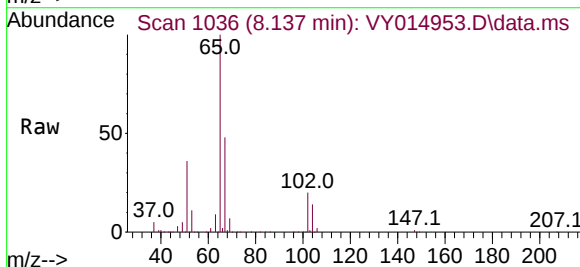
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

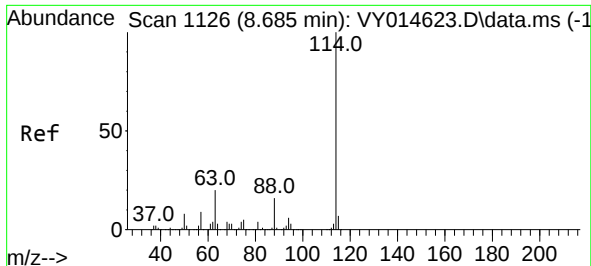
Tgt Ion:	84	Resp:	30191
Ion	Ratio	Lower	Upper
84	100		
49	112.2	106.9	160.3
51	31.0	33.2	49.8#
86	57.4	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 56.659 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY014953.D
Acq: 03 Aug 2023 17:02

Tgt Ion:	65	Resp:	153095
Ion	Ratio	Lower	Upper
65	100		
67	50.9	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: VY014953.D

Acq: 03 Aug 2023 17:02

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

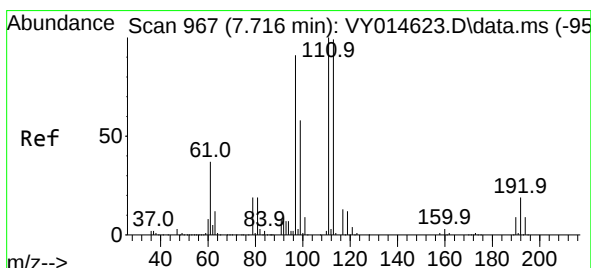
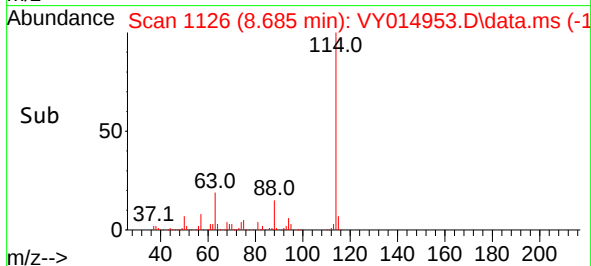
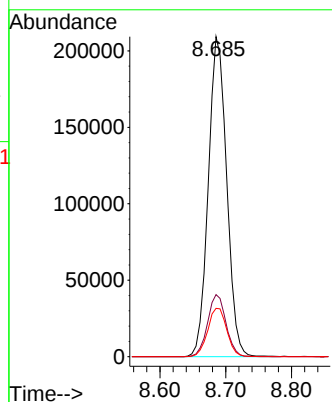
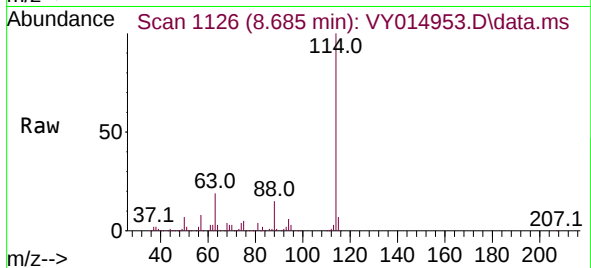
Tgt Ion:114 Resp: 407148

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.183 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014953.D

Acq: 03 Aug 2023 17:02

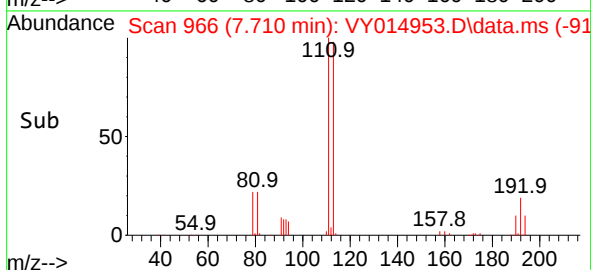
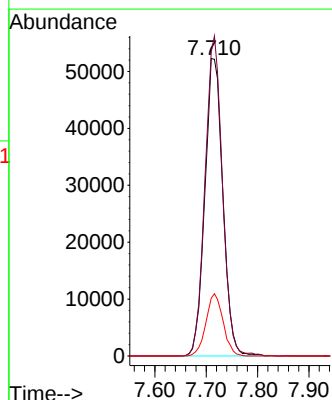
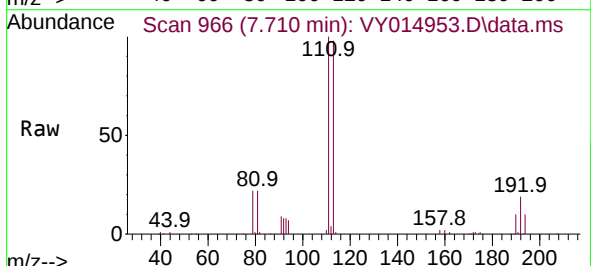
Tgt Ion:113 Resp: 127473

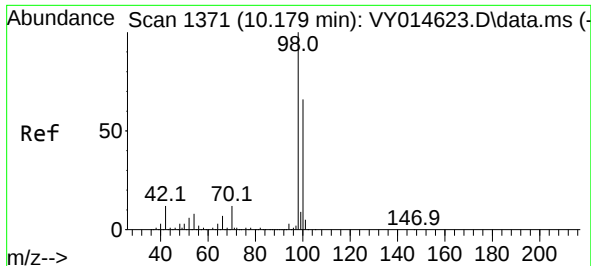
Ion Ratio Lower Upper

113 100

111 103.9 81.3 121.9

192 19.9 16.9 25.3

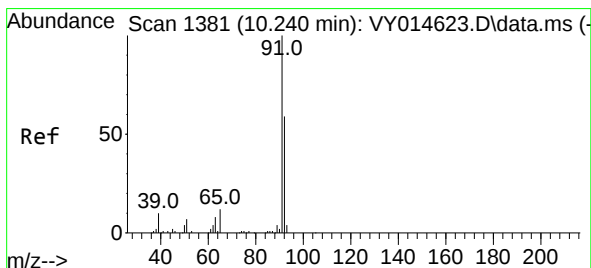
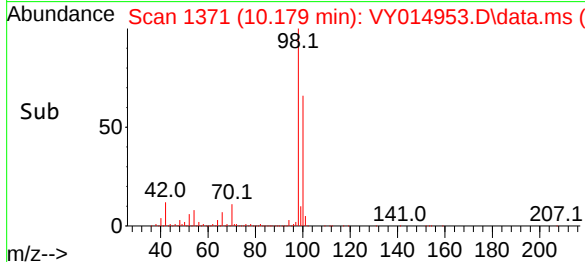
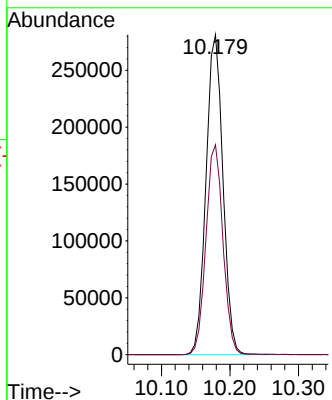
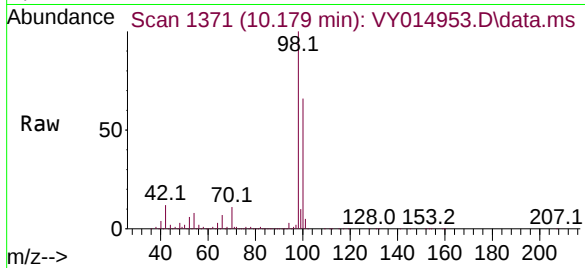




#50
Toluene-d8
Concen: 50.559 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014953.D
Acq: 03 Aug 2023 17:02

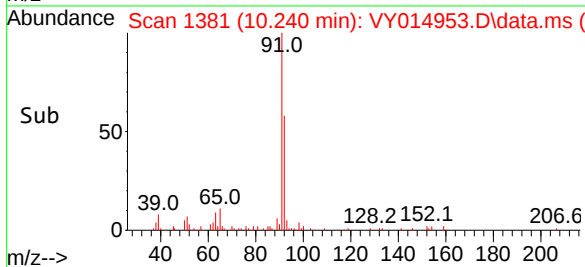
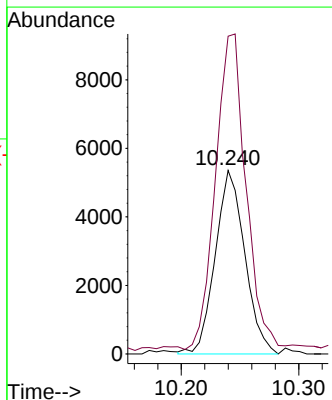
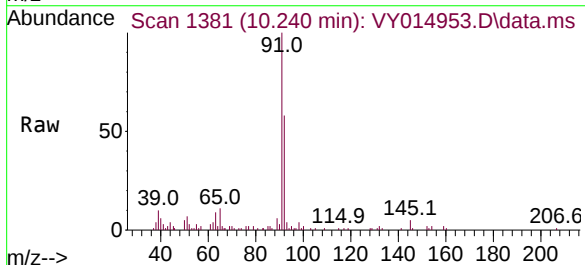
Instrument :
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ClientSampleId :
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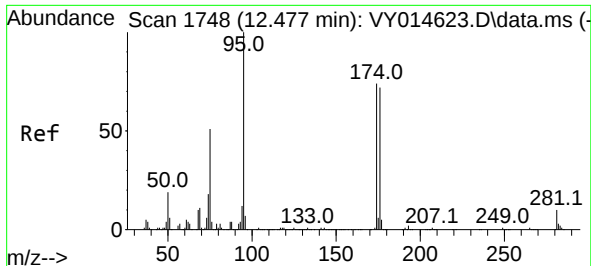
Tgt Ion: 98 Resp: 483114
Ion Ratio Lower Upper
98 100
100 66.0 50.1 75.1



#52
Toluene
Concen: 1.326 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014953.D
Acq: 03 Aug 2023 17:02

Tgt Ion: 92 Resp: 9352
Ion Ratio Lower Upper
92 100
91 177.1 143.8 215.6





#62

4-Bromofluorobenzene

Concen: 46.857 ug/l

RT: 12.477 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014953.D

Acq: 03 Aug 2023 17:02

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

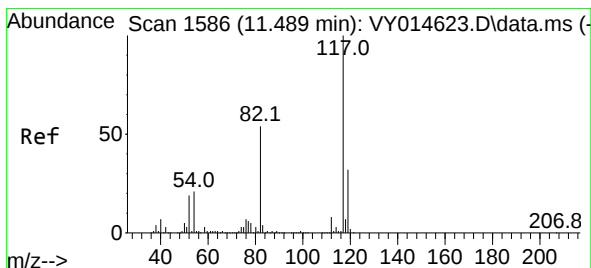
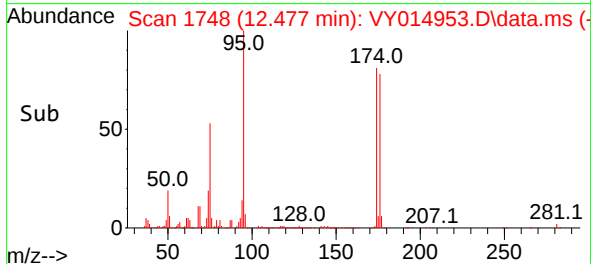
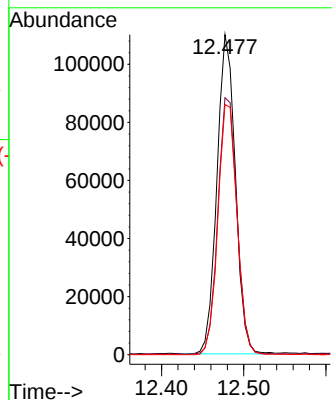
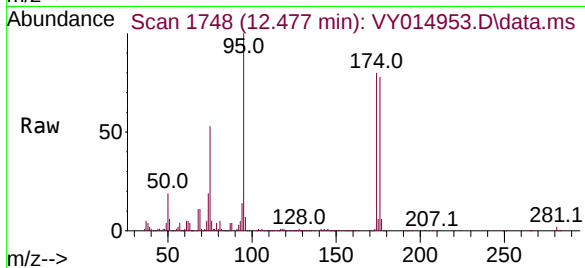
Tgt Ion: 95 Resp: 171681

Ion Ratio Lower Upper

95 100

174 83.0 0.0 178.2

176 81.1 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.001 min

Lab File: VY014953.D

Acq: 03 Aug 2023 17:02

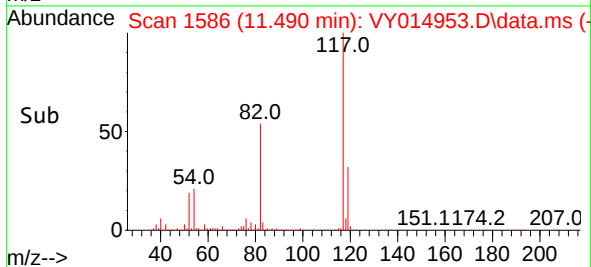
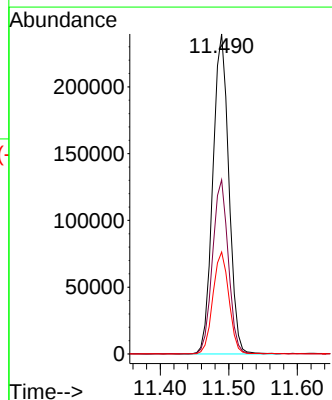
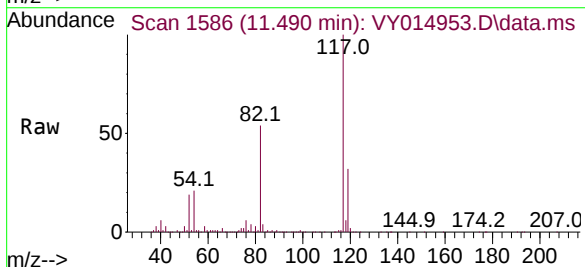
Tgt Ion: 117 Resp: 387805

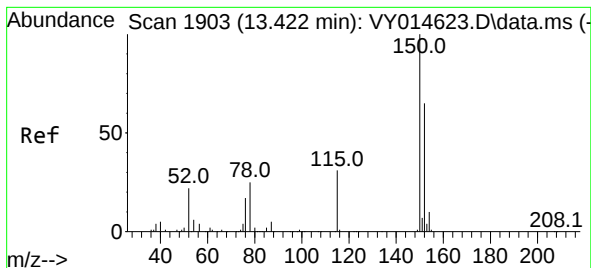
Ion Ratio Lower Upper

117 100

82 54.3 43.4 65.0

119 31.8 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: VY014953.D

Acq: 03 Aug 2023 17:02

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

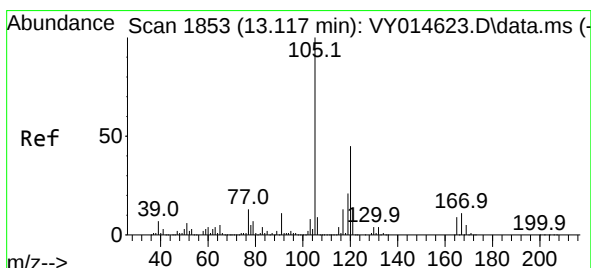
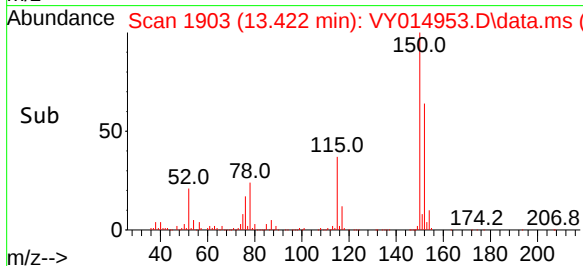
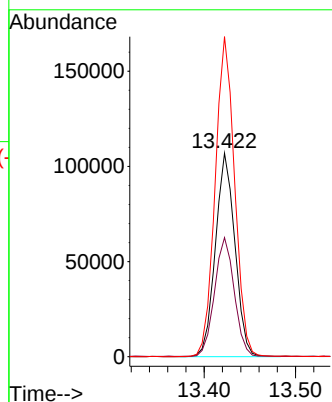
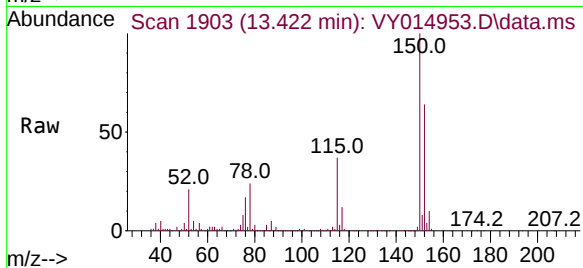
Tgt Ion:152 Resp: 158569

Ion Ratio Lower Upper

152 100

115 58.9 28.8 86.5

150 157.3 0.0 348.8



#84

1,2,4-Trimethylbenzene

Concen: 1.480 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY014953.D

Acq: 03 Aug 2023 17:02

Tgt Ion:105 Resp: 15064

Ion Ratio Lower Upper

105 100

120 45.8 22.2 66.6

