

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014342.D
 Acq On : 21 Jun 2023 17:41
 Operator : KP/MD
 Sample : 03357-14
 Misc : 5.30g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-SCAN-03-G

Quant Time: Jun 22 01:58:17 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)

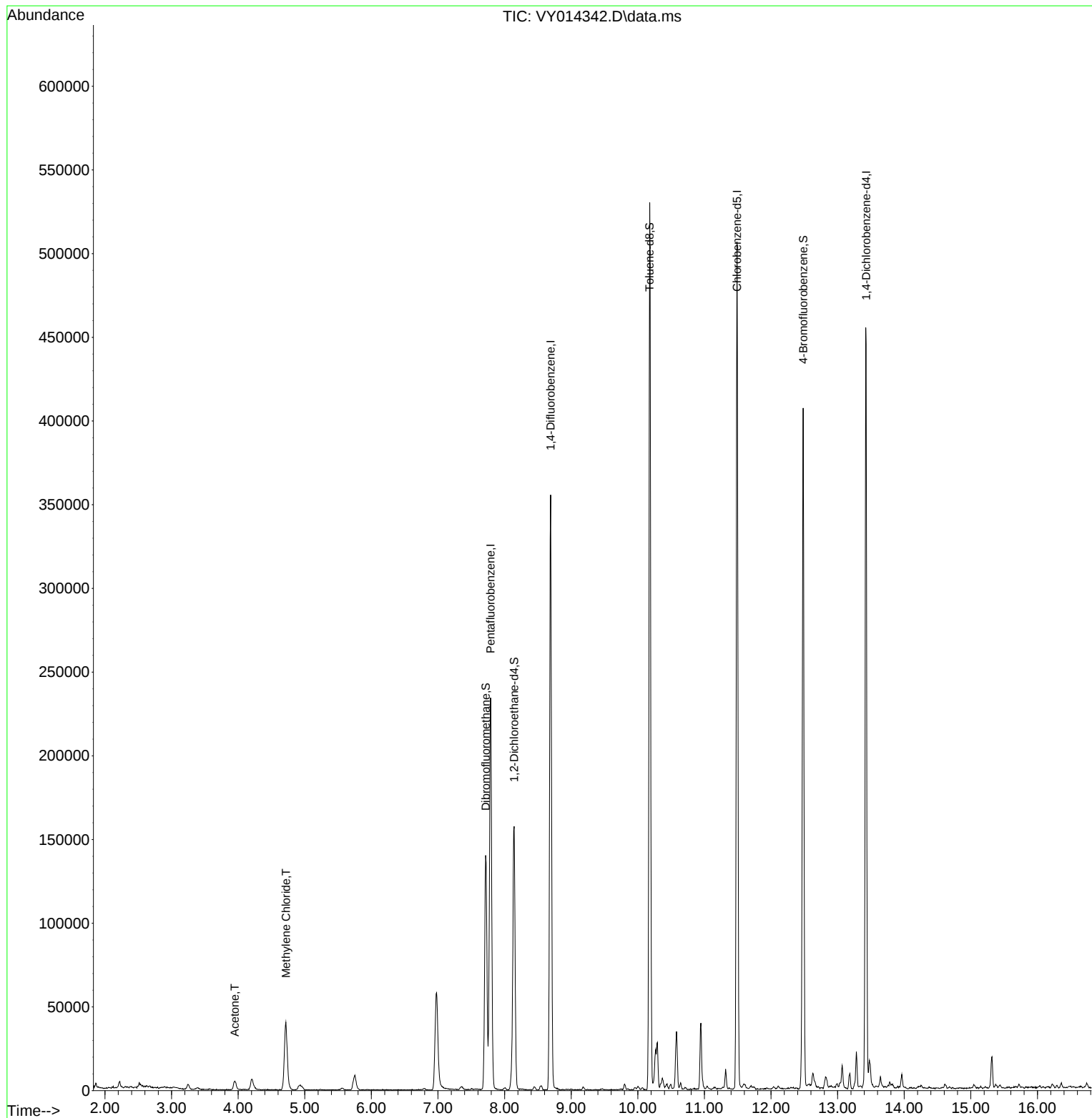
Internal Standards						
1) Pentafluorobenzene	7.789	168	182649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	294086	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	272575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	119556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	129392	50.873	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.740%
35) Dibromofluoromethane	7.716	113	96872	46.448	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.900%
50) Toluene-d8	10.179	98	344482	44.180	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.360%
62) 4-Bromofluorobenzene	12.483	95	109609	39.573	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.140%
Target Compounds						
						Qvalue
16) Acetone	3.948	43	9501	12.393	ug/l	91
20) Methylene Chloride	4.716	84	29074	8.934	ug/l	98

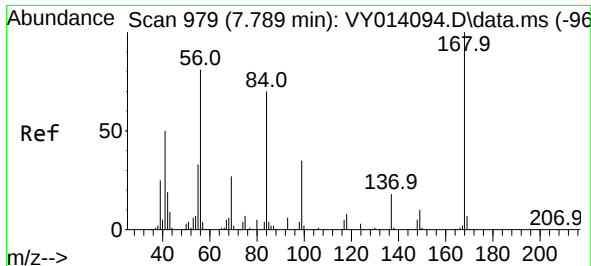
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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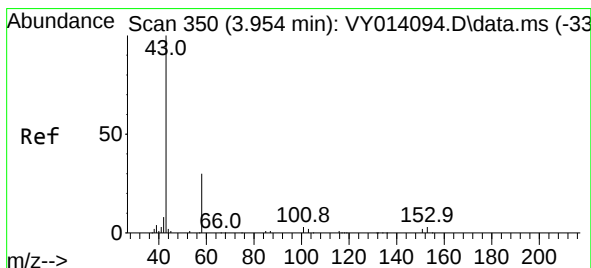
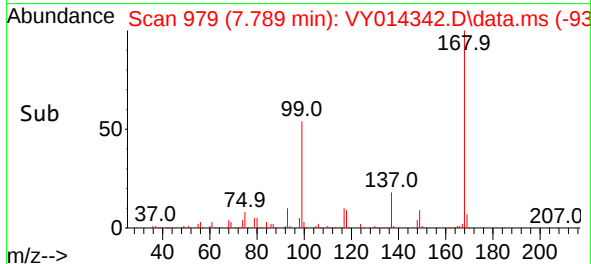
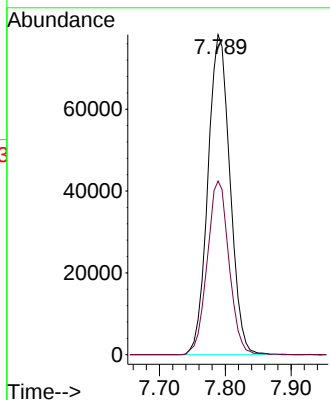
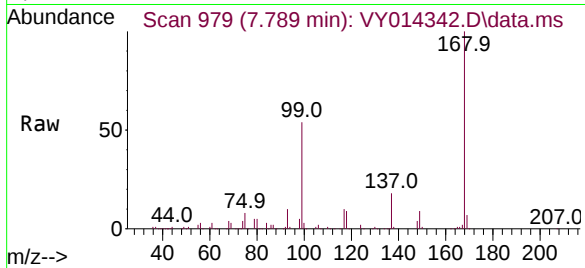




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014342.D
Acq: 21 Jun 2023 17:41

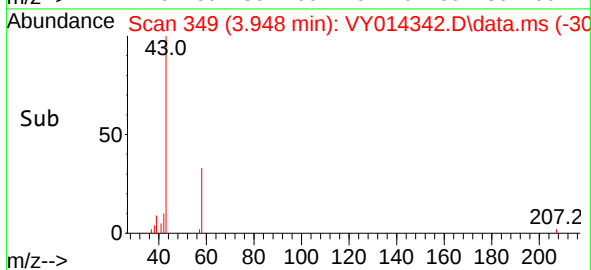
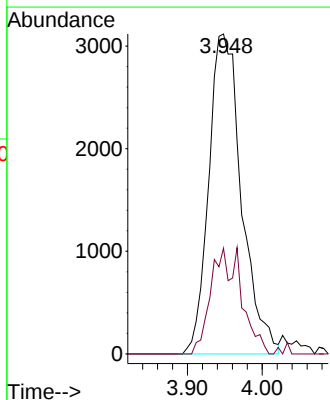
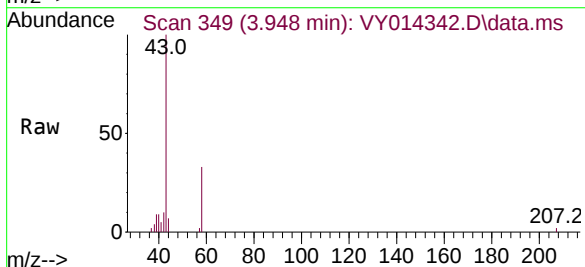
Instrument :
MSVOA_Y
ClientSampleId :
WC-SCAN-03-G

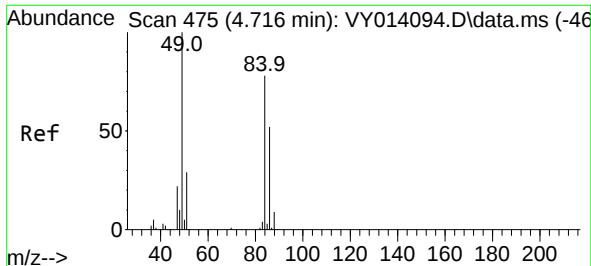
Tgt Ion:168 Resp: 182649
Ion Ratio Lower Upper
168 100
99 54.2 43.4 65.0



#16
Acetone
Concen: 12.393 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014342.D
Acq: 21 Jun 2023 17:41

Tgt Ion: 43 Resp: 9501
Ion Ratio Lower Upper
43 100
58 33.1 22.7 34.1

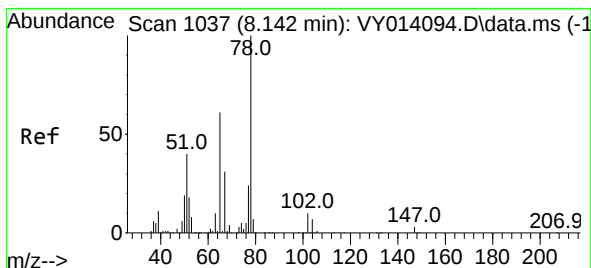
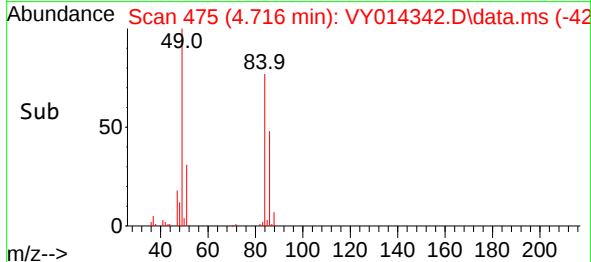
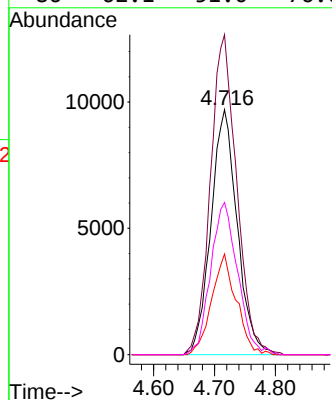
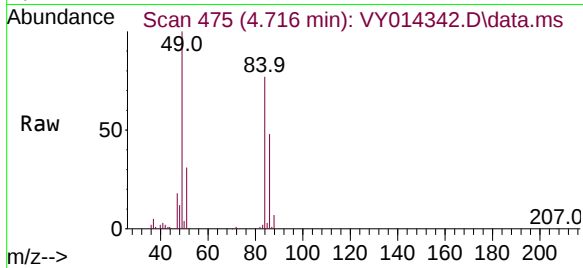




#20
Methylene Chloride
Concen: 8.934 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014342.D
Acq: 21 Jun 2023 17:41

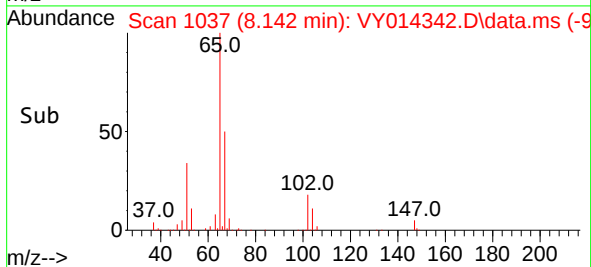
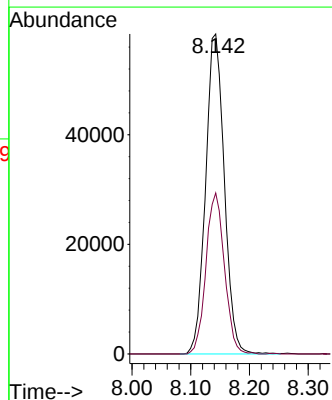
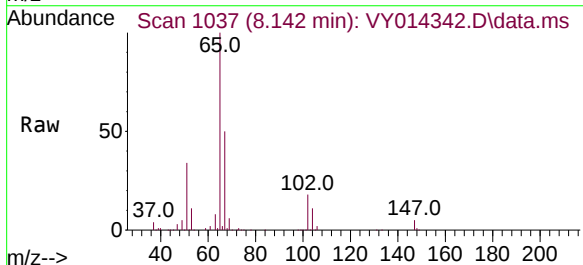
Instrument :
MSVOA_Y
ClientSampleId :
WC-SCAN-03-G

Tgt Ion: 84 Resp: 29074
Ion Ratio Lower Upper
84 100
49 130.6 106.9 160.3
51 41.1 33.2 49.8
86 62.1 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 50.873 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY014342.D
Acq: 21 Jun 2023 17:41

Tgt Ion: 65 Resp: 129392
Ion Ratio Lower Upper
65 100
67 49.6 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: VY014342.D

Acq: 21 Jun 2023 17:41

Instrument :

MSVOA_Y

ClientSampleId :

WC-SCAN-03-G

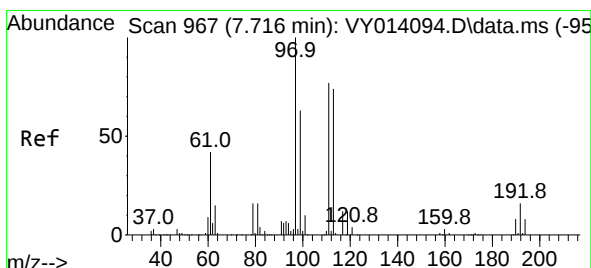
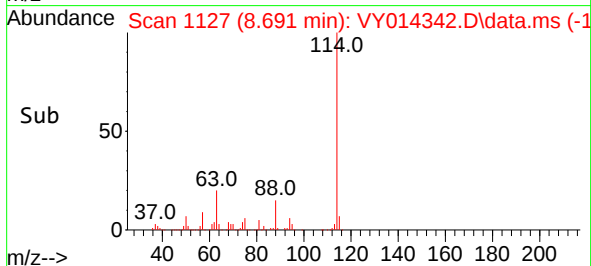
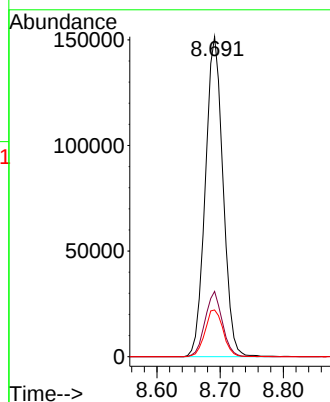
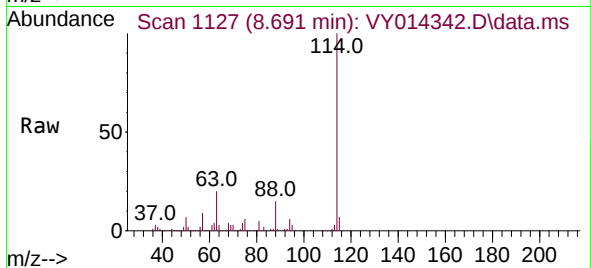
Tgt Ion:114 Resp: 294086

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.448 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014342.D

Acq: 21 Jun 2023 17:41

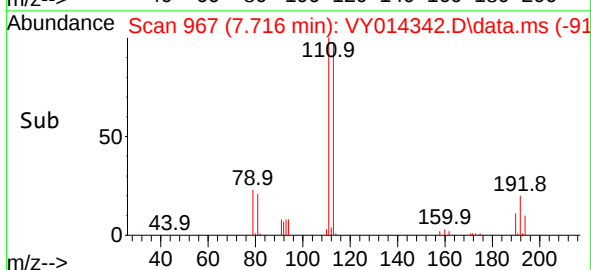
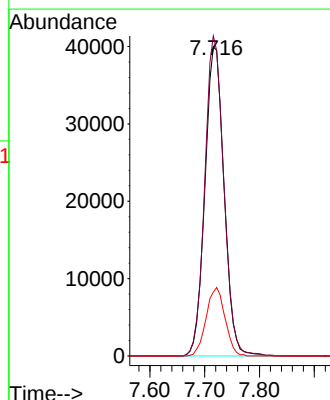
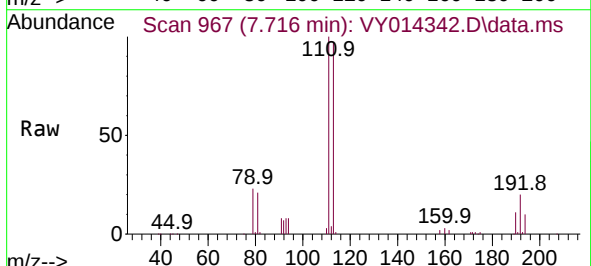
Tgt Ion:113 Resp: 96872

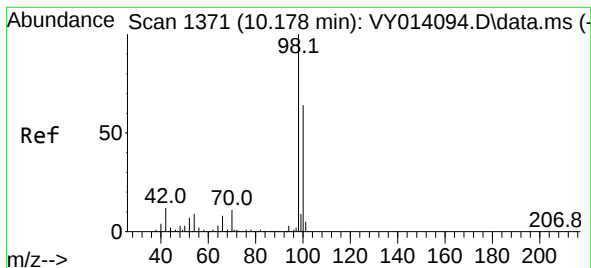
Ion Ratio Lower Upper

113 100

111 102.5 81.3 121.9

192 21.8 16.9 25.3

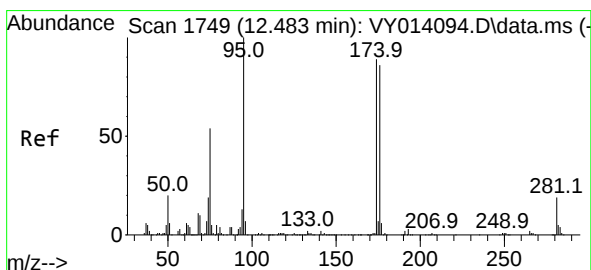
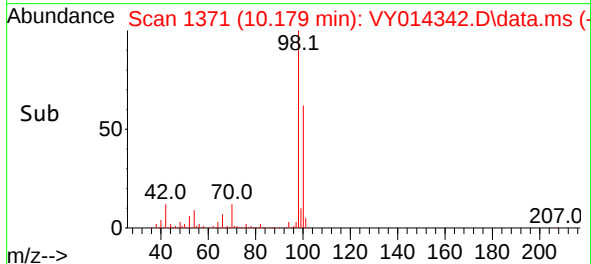
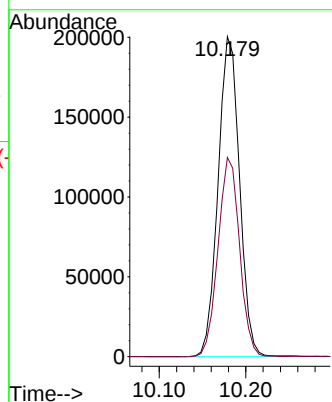
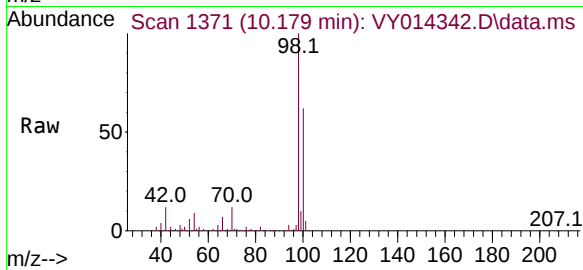




#50
Toluene-d8
Concen: 44.180 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014342.D
Acq: 21 Jun 2023 17:41

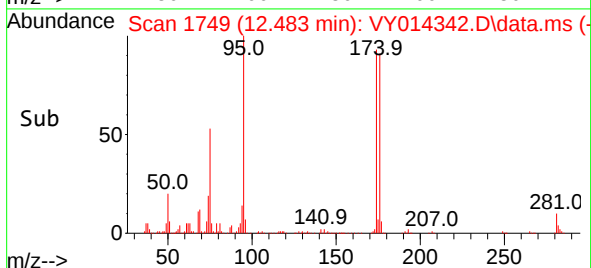
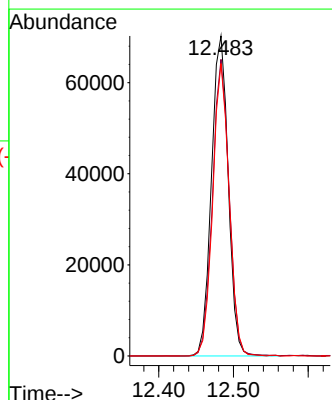
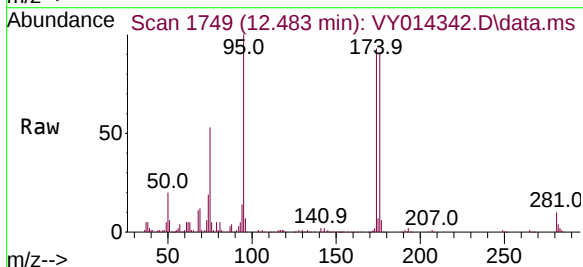
Instrument :
MSVOA_Y
ClientSampleId :
WC-SCAN-03-G

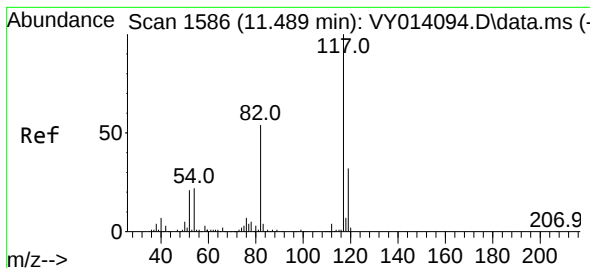
Tgt Ion: 98 Resp: 344482
Ion Ratio Lower Upper
98 100
100 62.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 39.573 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014342.D
Acq: 21 Jun 2023 17:41

Tgt Ion: 95 Resp: 109609
Ion Ratio Lower Upper
95 100
174 92.1 0.0 178.2
176 89.2 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: VY014342.D

Acq: 21 Jun 2023 17:41

Instrument :

MSVOA_Y

ClientSampleId :

WC-SCAN-03-G

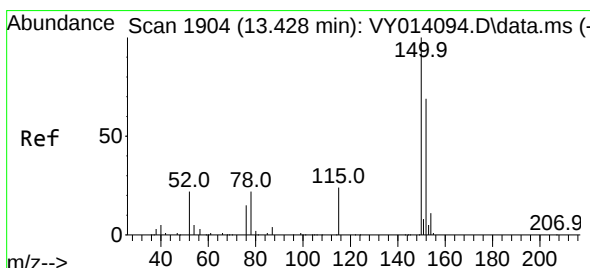
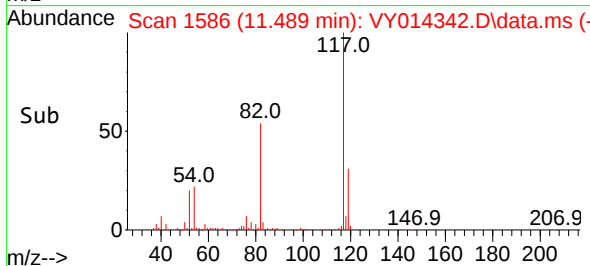
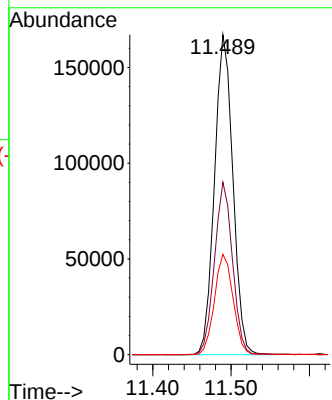
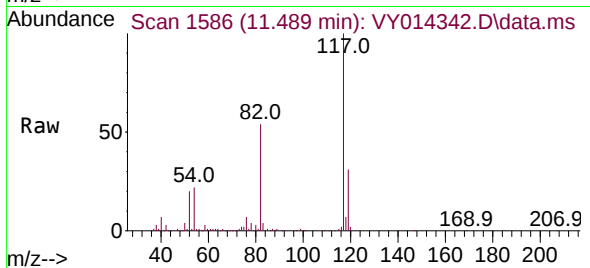
Tgt Ion:117 Resp: 272575

Ion Ratio Lower Upper

117 100

82 53.9 43.4 65.0

119 31.3 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: VY014342.D

Acq: 21 Jun 2023 17:41

Tgt Ion:152 Resp: 119556

Ion Ratio Lower Upper

152 100

115 56.1 28.8 86.5

150 154.6 0.0 348.8

