

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062323\
 Data File : VY014410.D
 Acq On : 23 Jun 2023 16:14
 Operator : KP/MD
 Sample : 03329-12
 Misc : 6.37g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SW03-8-15-GRAB-7

Quant Time: Jun 23 17:38:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

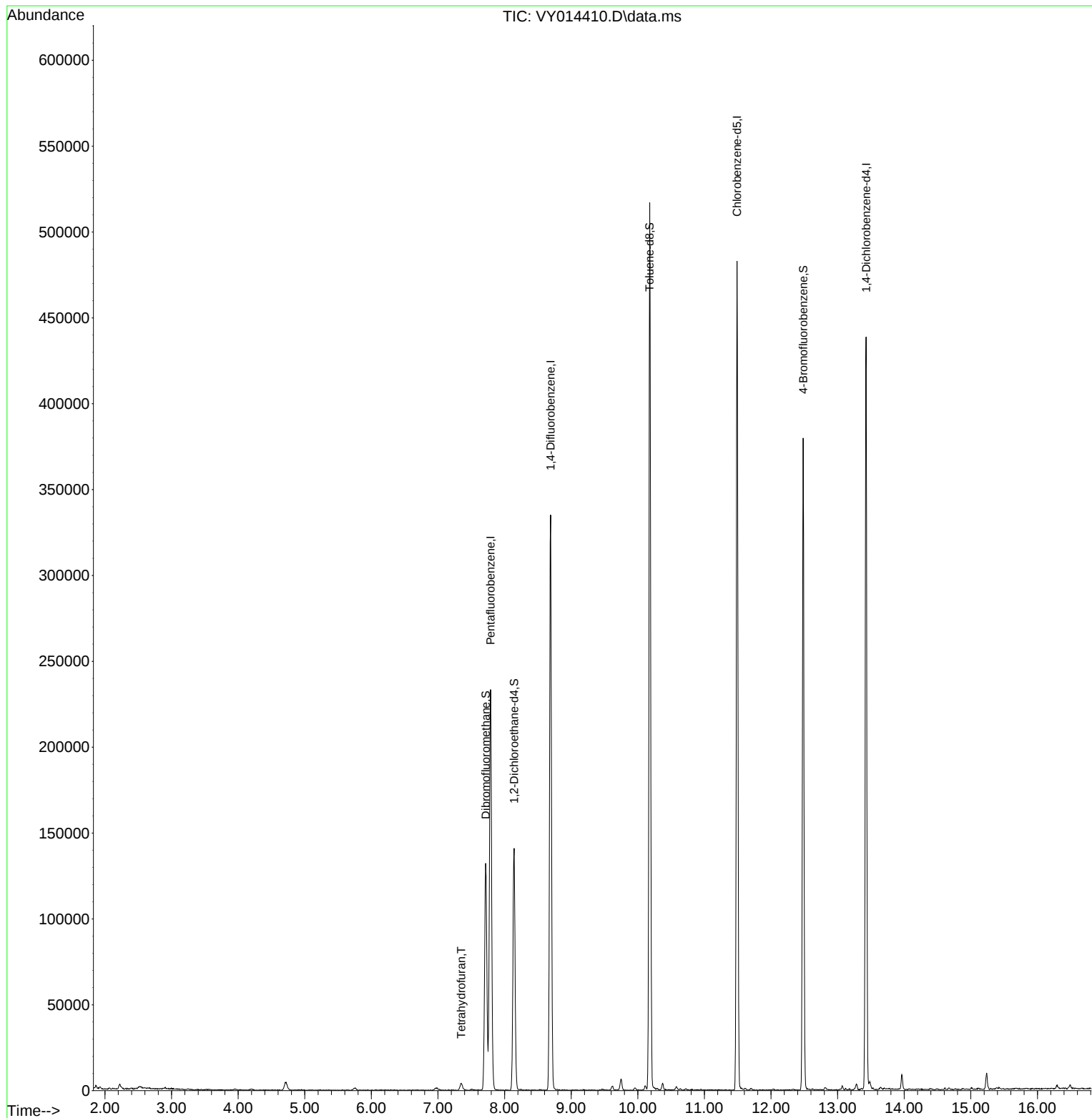
Internal Standards						
1) Pentafluorobenzene	7.789	168	181277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	280146	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	258335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	116489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	124016	55.101	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.200%
35) Dibromofluoromethane	7.716	113	86784	50.141	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.280%
50) Toluene-d8	10.179	98	334748	48.654	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.300%
62) 4-Bromofluorobenzene	12.483	95	101449	41.302	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.600%
Target Compounds						
29) Tetrahydrofuran	7.350	42	2919	5.550	ug/l	Qvalue # 82

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

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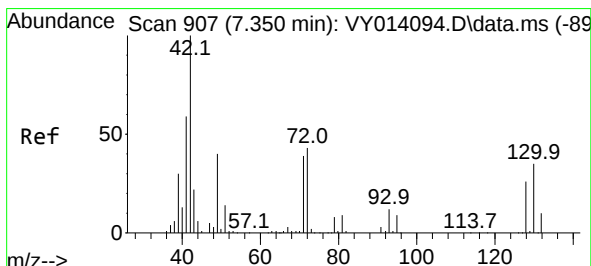
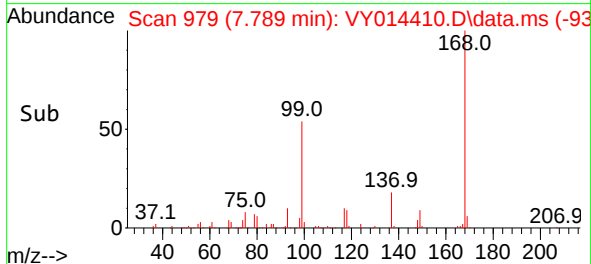
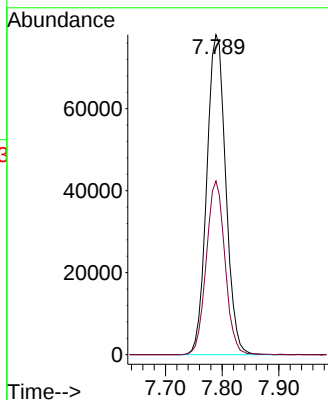
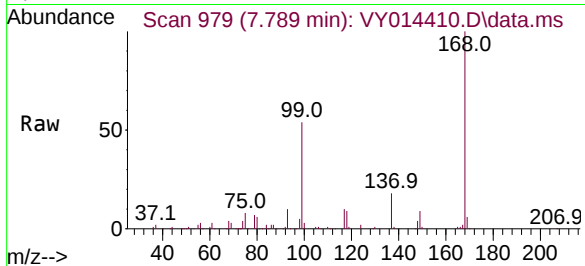




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014410.D
Acq: 23 Jun 2023 16:14

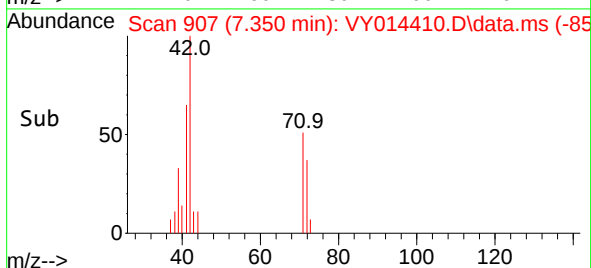
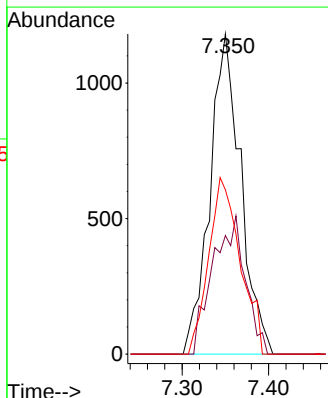
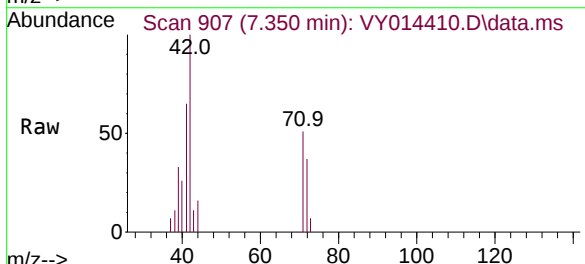
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SW03-8-15-GRAB-7

Tgt Ion:168 Resp: 181277
Ion Ratio Lower Upper
168 100
99 54.3 43.4 65.0



#29
Tetrahydrofuran
Concen: 5.550 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY014410.D
Acq: 23 Jun 2023 16:14

Tgt Ion: 42 Resp: 2919
Ion Ratio Lower Upper
42 100
72 45.9 32.8 49.2
71 56.6 31.0 46.4#





#33

1,2-Dichloroethane-d4

Concen: 55.101 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.001 min

Lab File: VY014410.D

Acq: 23 Jun 2023 16:14

Instrument :

MSVOA_Y

ClientSampleId :

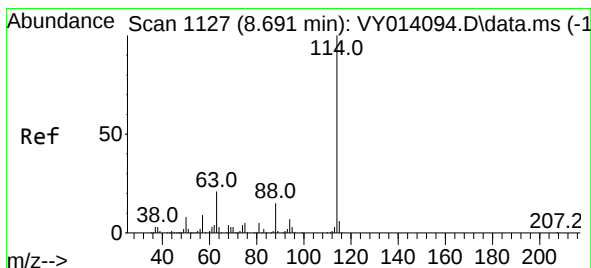
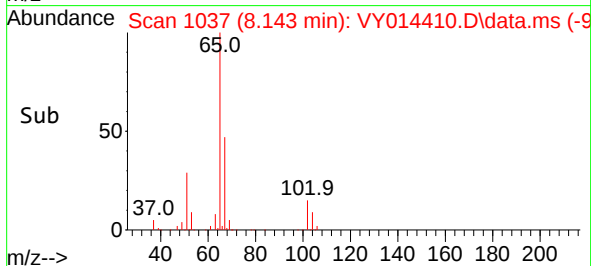
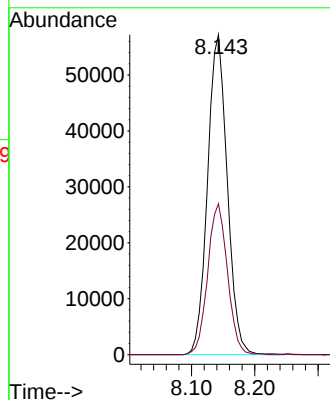
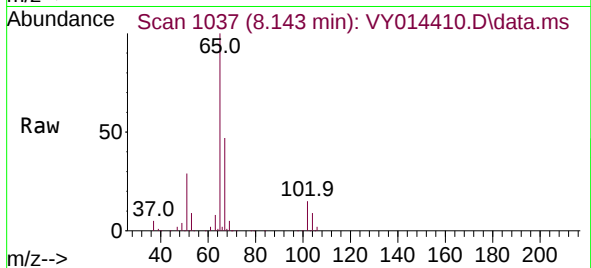
TOTAL-VOC-SW03-8-15-GRAB-7

Tgt Ion: 65 Resp: 124016

Ion Ratio Lower Upper

65 100

67 47.3 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: VY014410.D

Acq: 23 Jun 2023 16:14

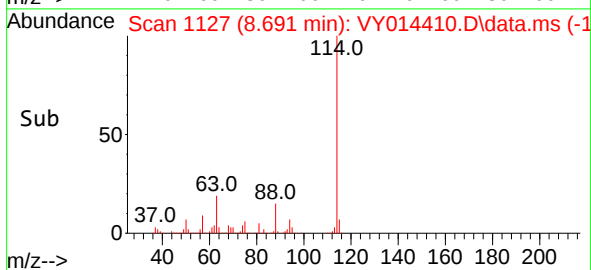
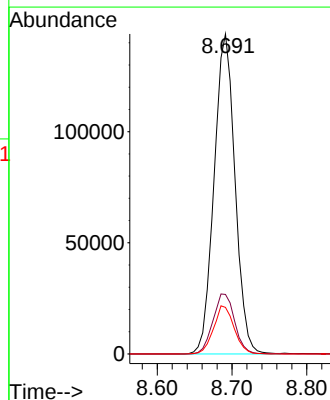
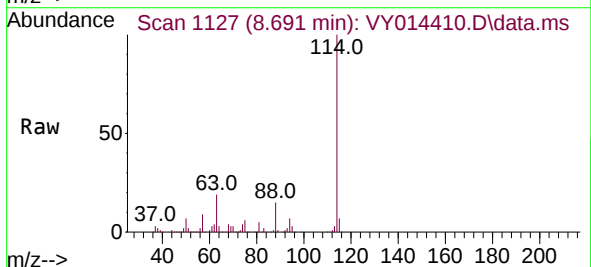
Tgt Ion:114 Resp: 280146

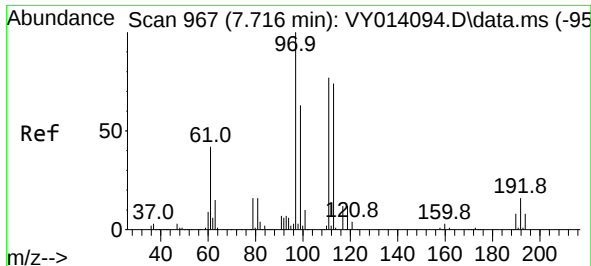
Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

88 14.6 0.0 30.6

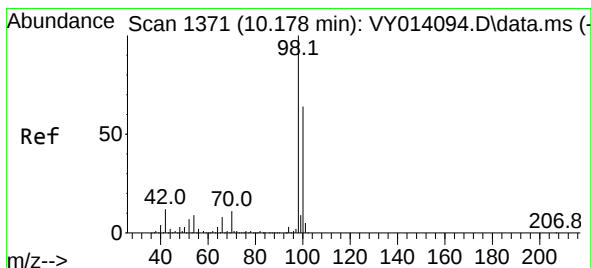
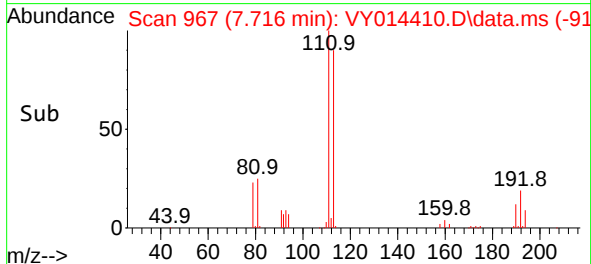
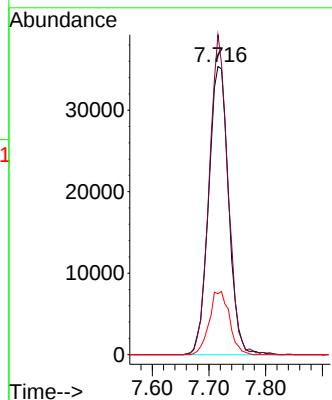
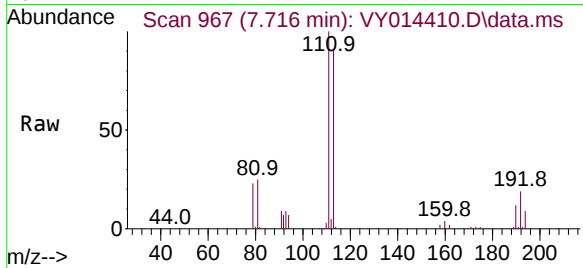




#35
Dibromofluoromethane
Concen: 50.141 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014410.D
Acq: 23 Jun 2023 16:14

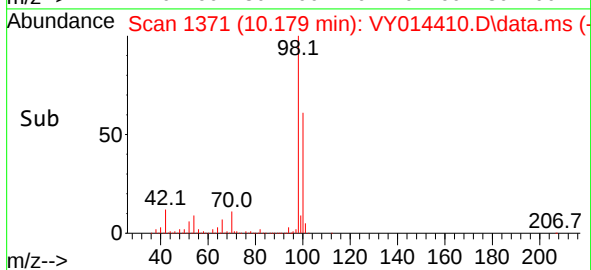
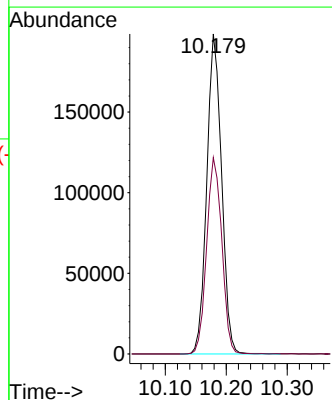
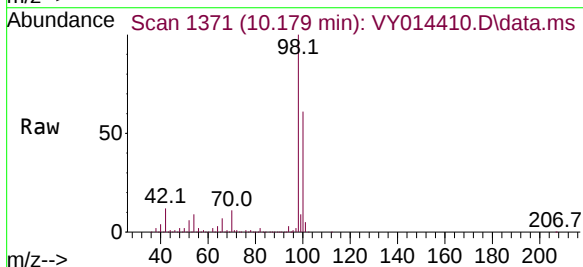
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SW03-8-15-GRAB-7

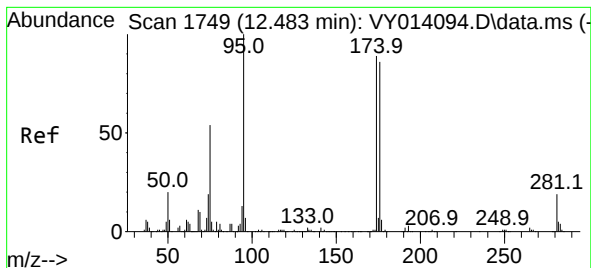
Tgt Ion:113 Resp: 86784
Ion Ratio Lower Upper
113 100
111 103.7 81.3 121.9
192 22.2 16.9 25.3



#50
Toluene-d8
Concen: 48.654 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014410.D
Acq: 23 Jun 2023 16:14

Tgt Ion: 98 Resp: 334748
Ion Ratio Lower Upper
98 100
100 62.9 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 41.302 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014410.D

Acq: 23 Jun 2023 16:14

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SW03-8-15-GRAB-7

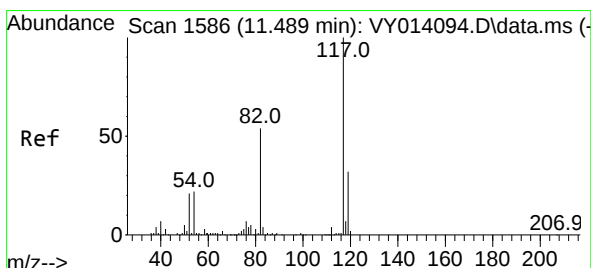
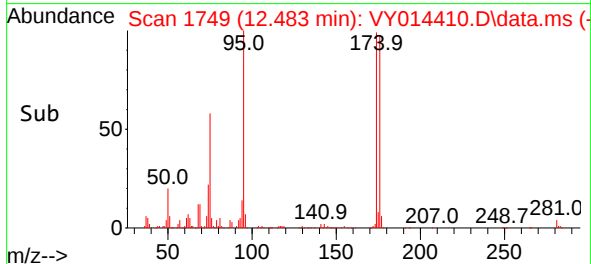
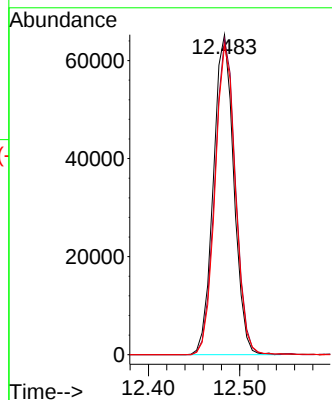
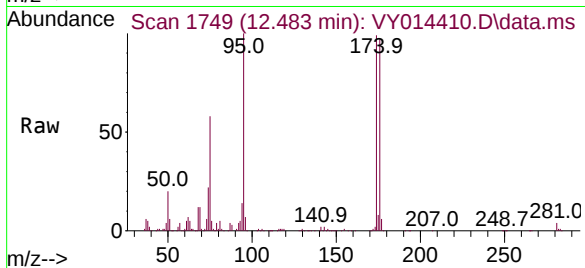
Tgt Ion: 95 Resp: 101449

Ion Ratio Lower Upper

95 100

174 99.6 0.0 178.2

176 96.0 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY014410.D

Acq: 23 Jun 2023 16:14

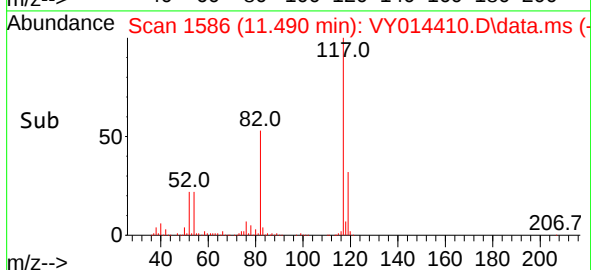
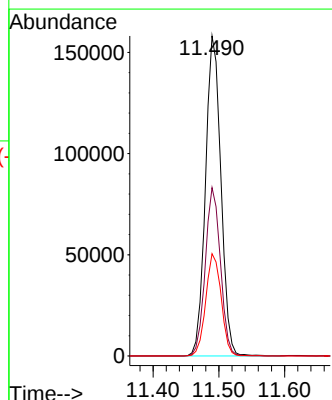
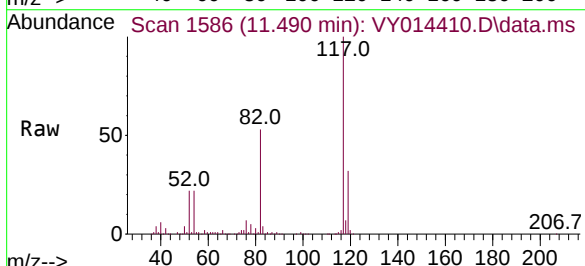
Tgt Ion: 117 Resp: 258335

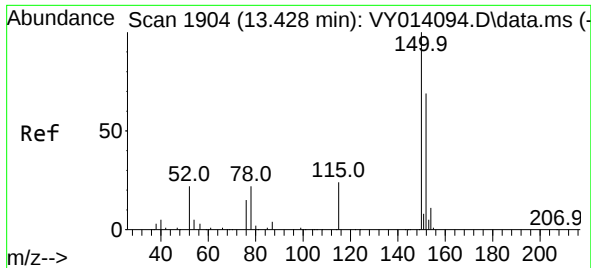
Ion Ratio Lower Upper

117 100

82 52.6 43.4 65.0

119 32.0 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: VY014410.D

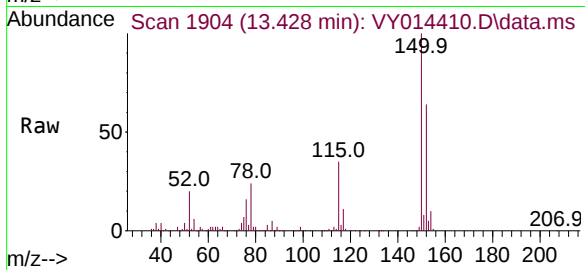
Acq: 23 Jun 2023 16:14

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SW03-8-15-GRAB-7



Tgt Ion:152 Resp: 116489

Ion Ratio Lower Upper

152 100

115 55.7 28.8 86.5

150 156.7 0.0 348.8

