

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014364.D
 Acq On : 22 Jun 2023 06:08
 Operator : KP/MD
 Sample : 03330-17
 Misc : 5.19g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-MC02-GRAB-6

Quant Time: Jun 22 07:31:10 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)

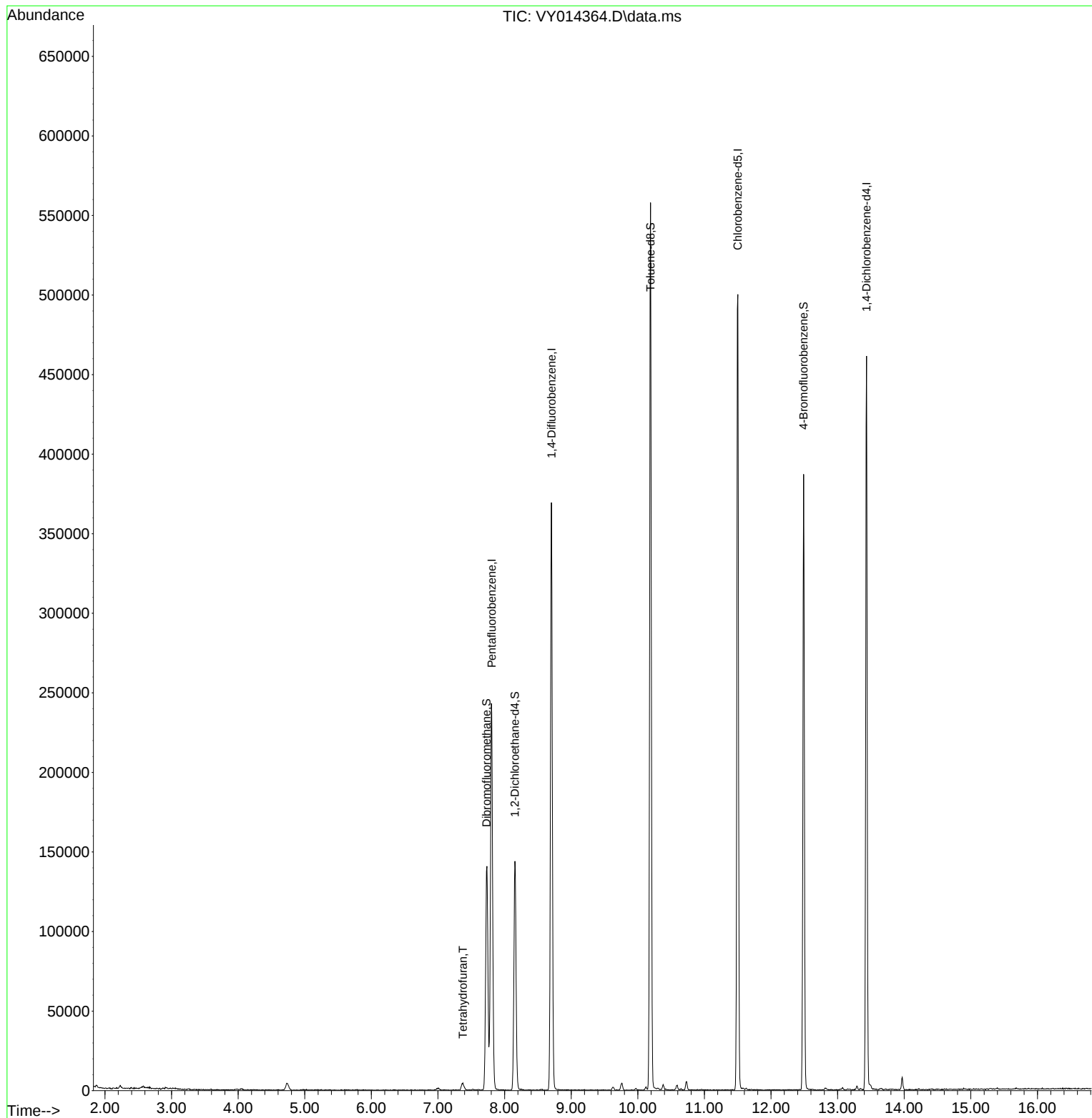
Internal Standards						
1) Pentafluorobenzene	7.807	168	190044	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.703	114	297447	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	273462	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	118615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	124097	46.893	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.780%
35) Dibromofluoromethane	7.728	113	96574	45.782	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.560%
50) Toluene-d8	10.191	98	362245	45.934	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.860%
62) 4-Bromofluorobenzene	12.489	95	104693	37.371	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.740%
Target Compounds						
29) Tetrahydrofuran	7.374	42	3559	5.716	ug/l	Qvalue # 88

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

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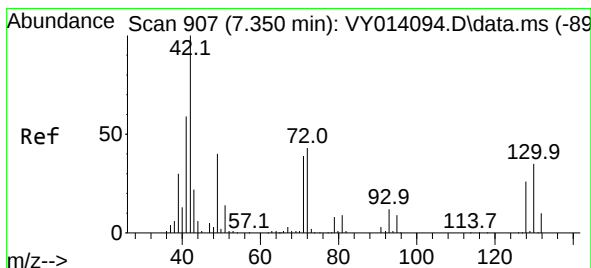
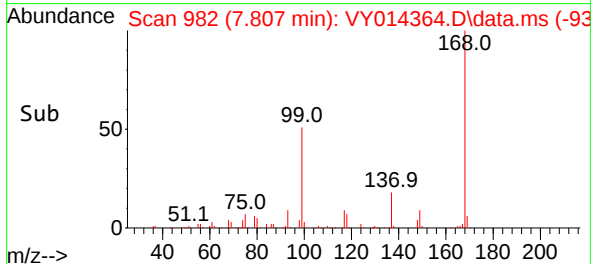
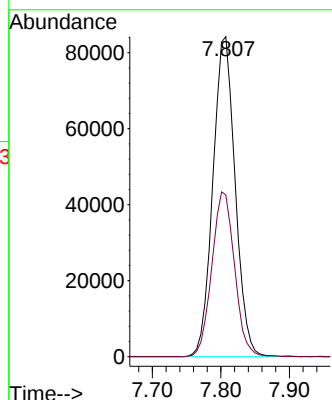
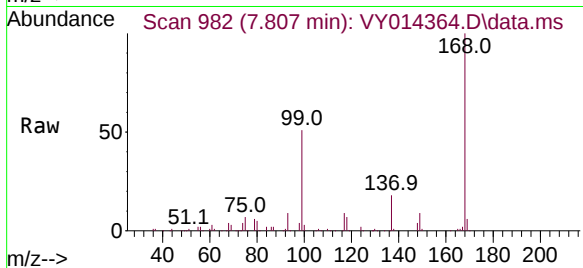




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 911
Delta R.T. 0.018 min
Lab File: VY014364.D
Acq: 22 Jun 2023 06:08

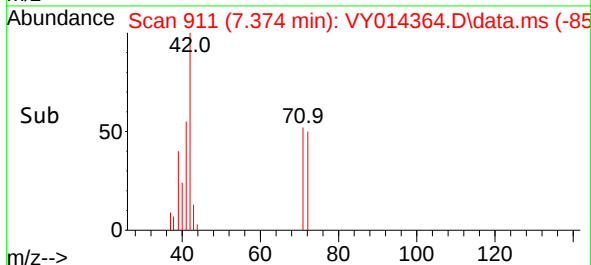
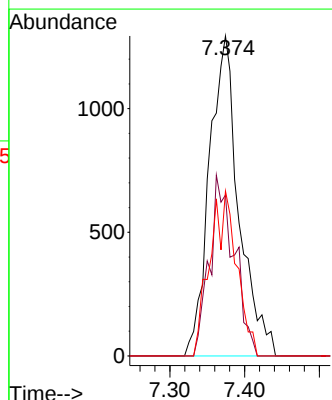
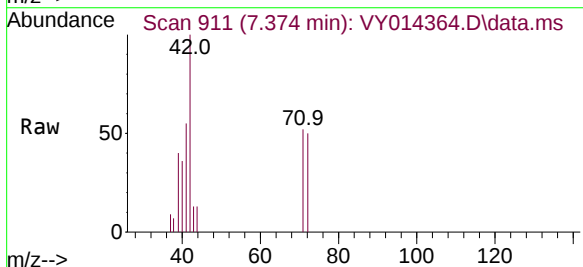
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-MC02-GRAB-6

Tgt Ion:168 Resp: 190044
Ion Ratio Lower Upper
168 100
99 50.6 43.4 65.0



#29
Tetrahydrofuran
Concen: 5.716 ug/l
RT: 7.374 min Scan# 911
Delta R.T. 0.024 min
Lab File: VY014364.D
Acq: 22 Jun 2023 06:08

Tgt Ion: 42 Resp: 3559
Ion Ratio Lower Upper
42 100
72 47.3 32.8 49.2
71 46.8 31.0 46.4#





#33

1,2-Dichloroethane-d4

Concen: 46.893 ug/l

RT: 8.155 min Scan# 110

Delta R.T. 0.013 min

Lab File: VY014364.D

Acq: 22 Jun 2023 06:08

Instrument :

MSVOA_Y

ClientSampleId :

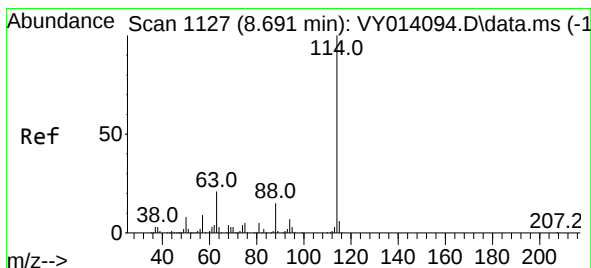
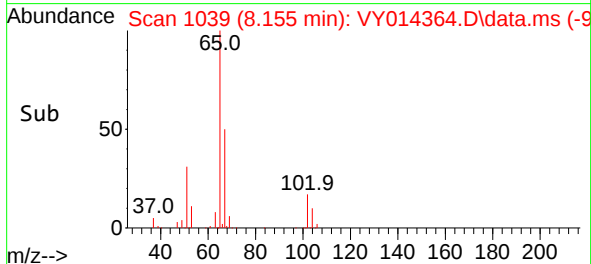
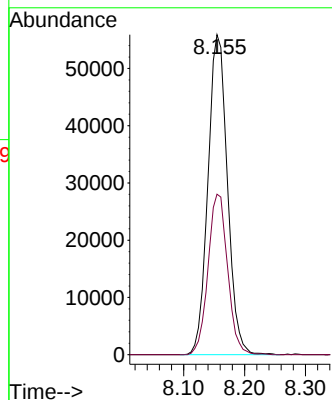
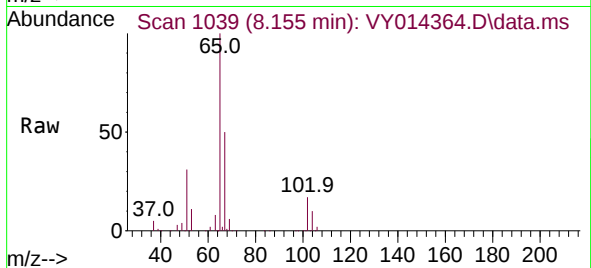
TOTAL-VOC-MC02-GRAB-6

Tgt Ion: 65 Resp: 124097

Ion Ratio Lower Upper

65 100

67 50.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.012 min

Lab File: VY014364.D

Acq: 22 Jun 2023 06:08

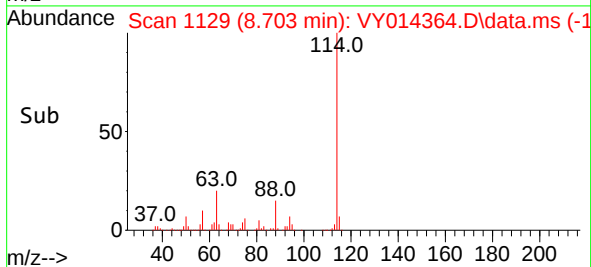
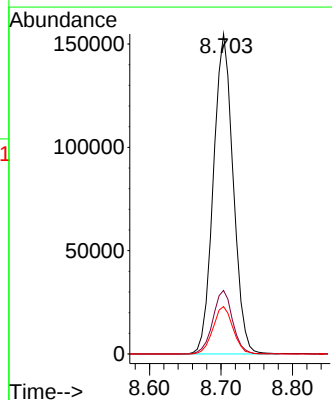
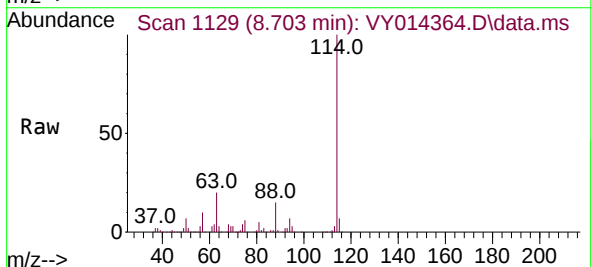
Tgt Ion: 114 Resp: 297447

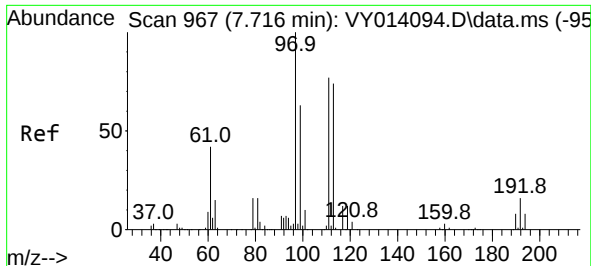
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 14.8 0.0 30.6

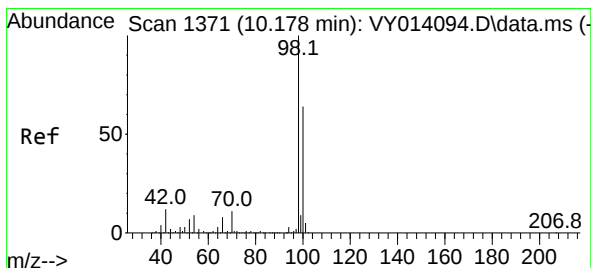
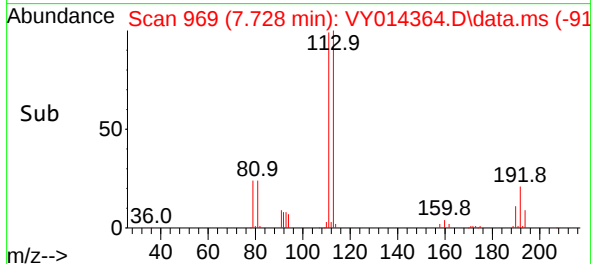
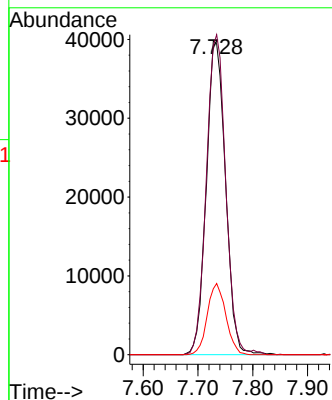
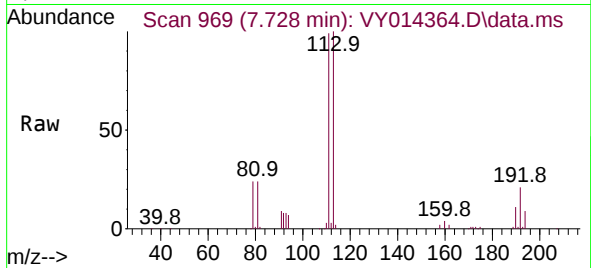




#35
Dibromofluoromethane
Concen: 45.782 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014364.D
Acq: 22 Jun 2023 06:08

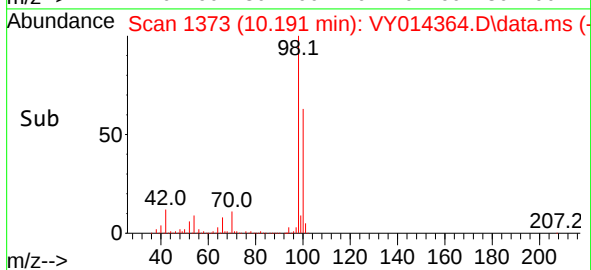
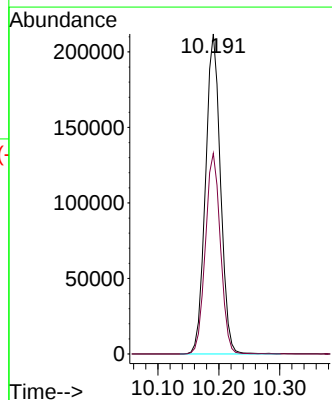
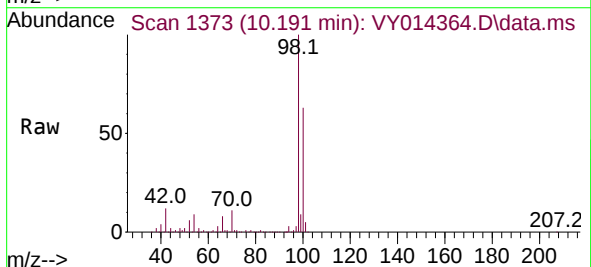
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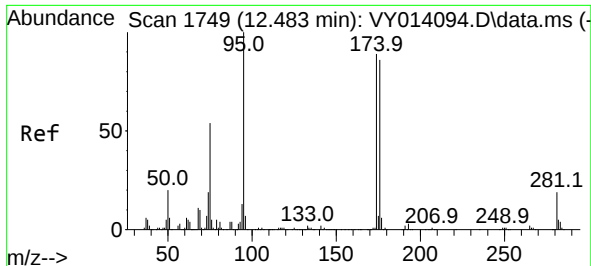
Tgt Ion:113 Resp: 96574
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 21.9 16.9 25.3



#50
Toluene-d8
Concen: 45.934 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.013 min
Lab File: VY014364.D
Acq: 22 Jun 2023 06:08

Tgt Ion: 98 Resp: 362245
Ion Ratio Lower Upper
98 100
100 62.8 50.1 75.1

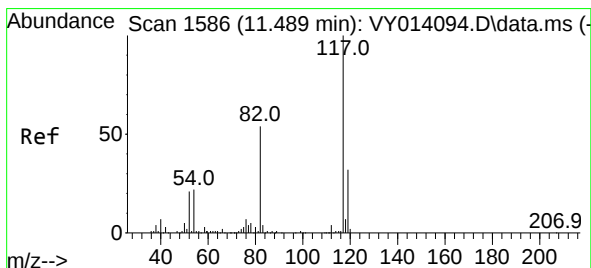
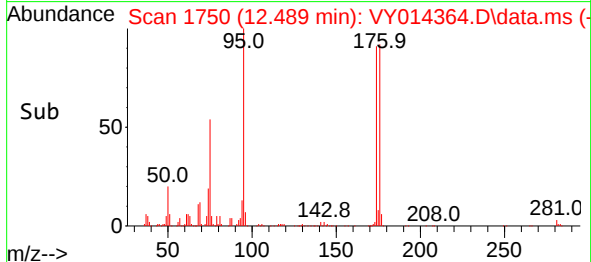
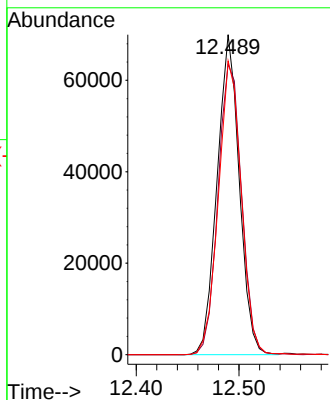
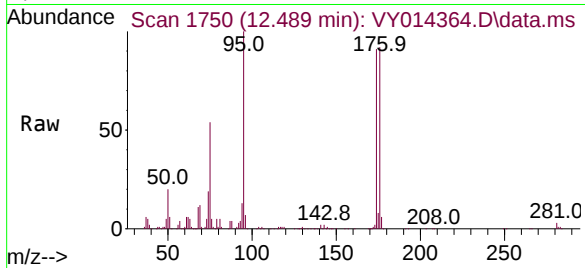




#62
4-Bromofluorobenzene
Concen: 37.371 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY014364.D
Acq: 22 Jun 2023 06:08

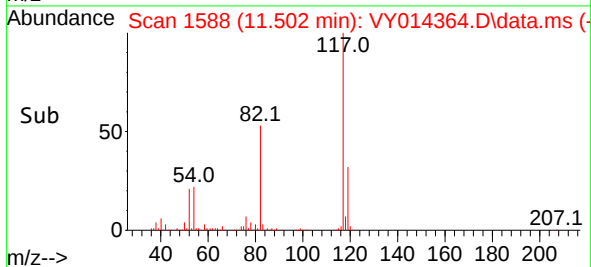
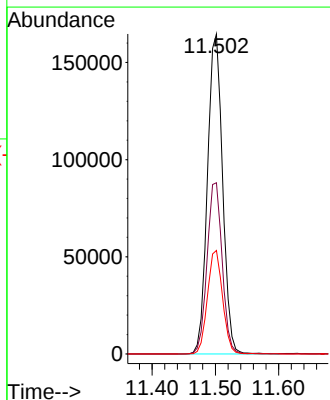
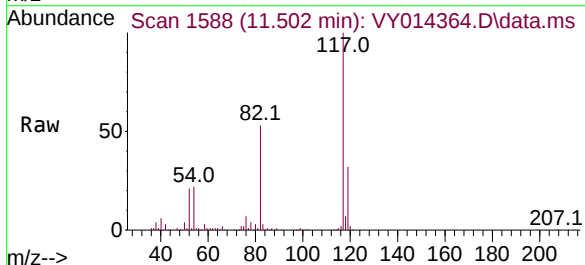
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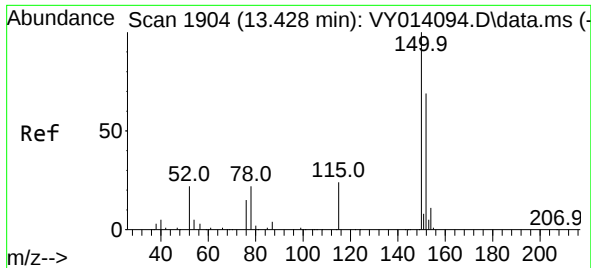
Tgt Ion: 95 Resp: 104693
Ion Ratio Lower Upper
95 100
174 96.5 0.0 178.2
176 94.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.013 min
Lab File: VY014364.D
Acq: 22 Jun 2023 06:08

Tgt Ion: 117 Resp: 273462
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 32.4 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY014364.D

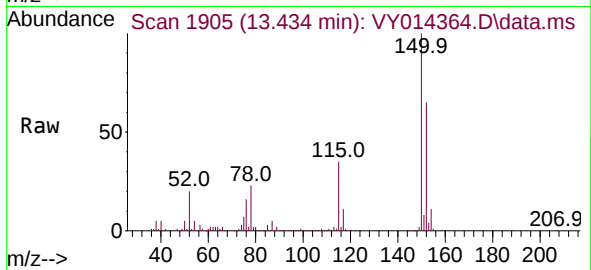
Acq: 22 Jun 2023 06:08

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-MC02-GRAB-6



Tgt Ion:152 Resp: 118615

Ion Ratio Lower Upper

152 100

115 56.7 28.8 86.5

150 156.8 0.0 348.8

