

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014285.D
 Acq On : 20 Jun 2023 15:56
 Operator : KP/MD
 Sample : 03296-18
 Misc : 9.19g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-TW-01-GRAB-7

Quant Time: Jun 21 02:08:21 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)

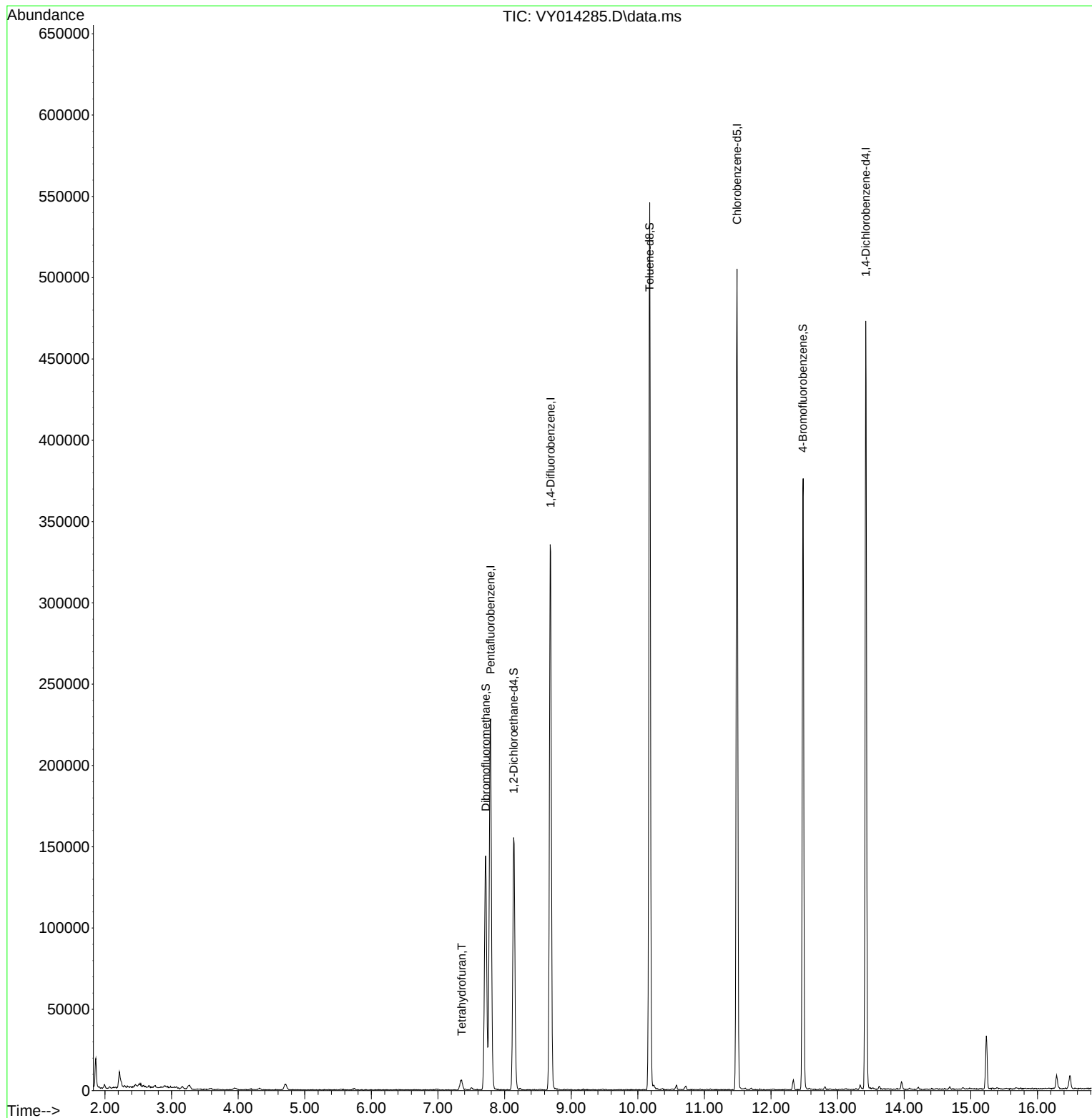
Internal Standards						
1) Pentafluorobenzene	7.789	168	178114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	284065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	267572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	119224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	129021	52.019	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.040%
35) Dibromofluoromethane	7.716	113	95995	47.651	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.300%
50) Toluene-d8	10.179	98	347044	46.079	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.160%
62) 4-Bromofluorobenzene	12.477	95	107314	40.111	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.220%
Target Compounds						
29) Tetrahydrofuran	7.356	42	5165	8.851	ug/l	Qvalue 96

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

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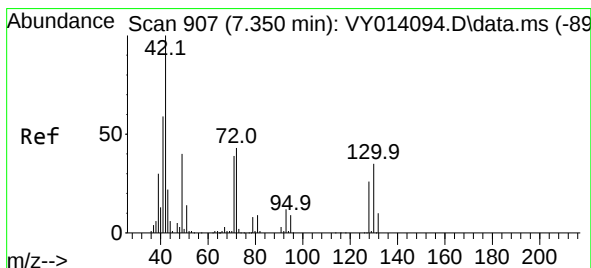
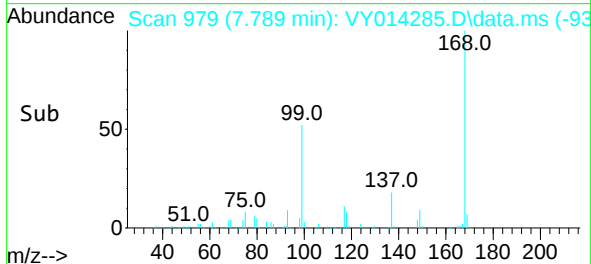
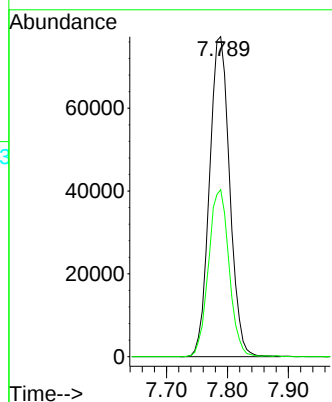
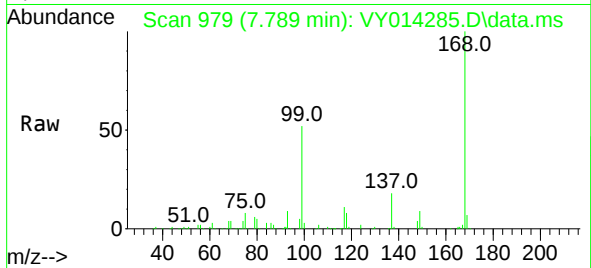




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014285.D
Acq: 20 Jun 2023 15:56

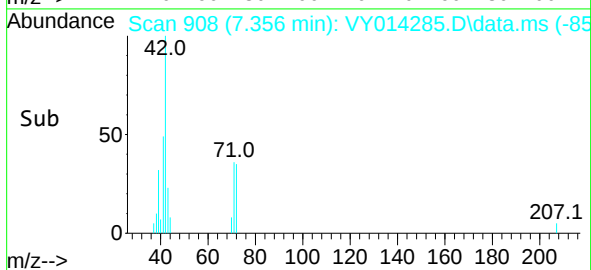
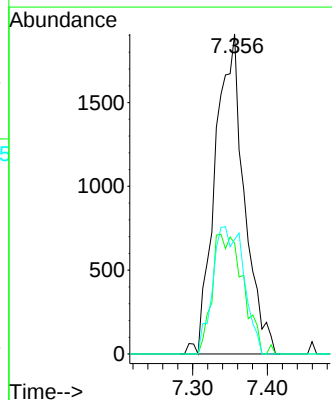
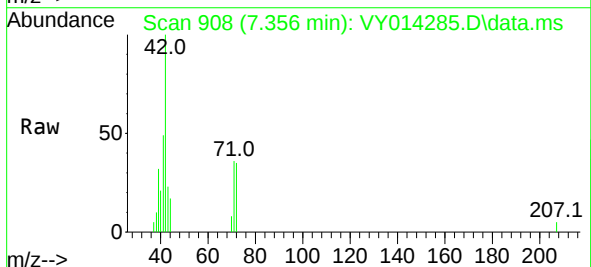
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TW-01-GRAB-7

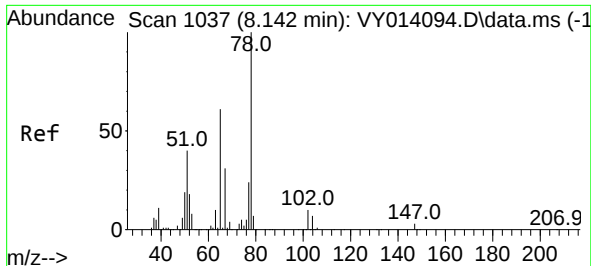
Tgt Ion:168 Resp: 178114
Ion Ratio Lower Upper
168 100
99 52.2 43.4 65.0



#29
Tetrahydrofuran
Concen: 8.851 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY014285.D
Acq: 20 Jun 2023 15:56

Tgt Ion: 42 Resp: 5165
Ion Ratio Lower Upper
42 100
72 39.5 32.8 49.2
71 42.4 31.0 46.4





#33

1,2-Dichloroethane-d4

Concen: 52.019 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY014285.D

Acq: 20 Jun 2023 15:56

Instrument :

MSVOA_Y

ClientSampleId :

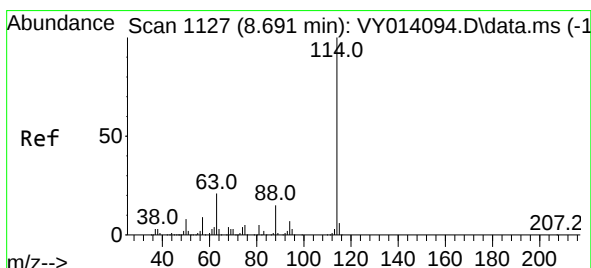
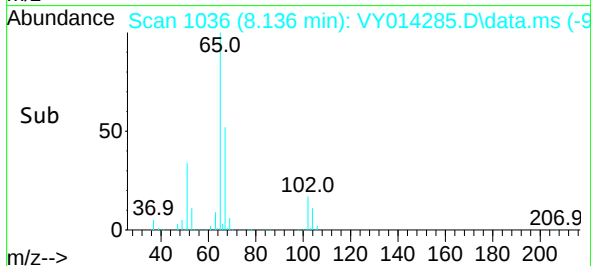
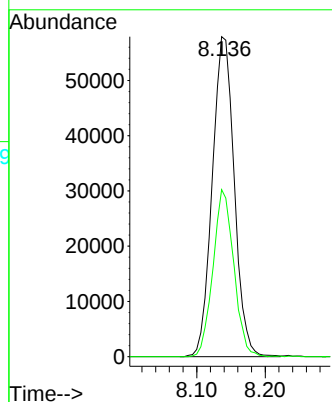
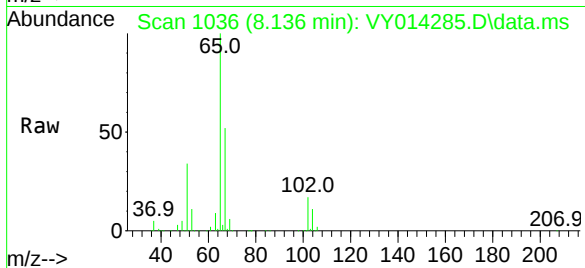
TOTAL-VOC-TW-01-GRAB-7

Tgt Ion: 65 Resp: 129021

Ion Ratio Lower Upper

65 100

67 49.3 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: VY014285.D

Acq: 20 Jun 2023 15:56

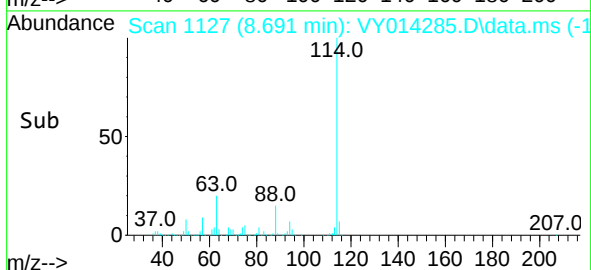
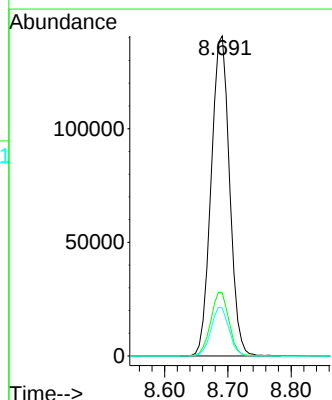
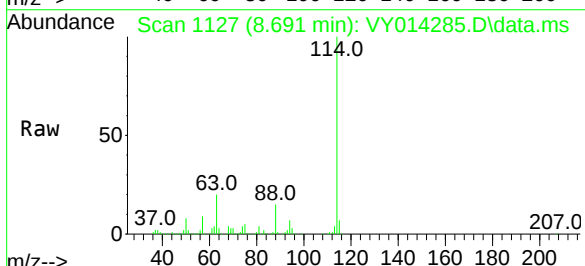
Tgt Ion: 114 Resp: 284065

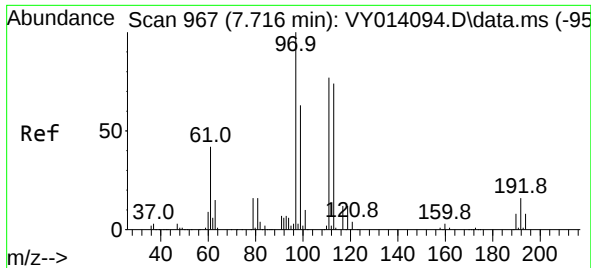
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 15.0 0.0 30.6

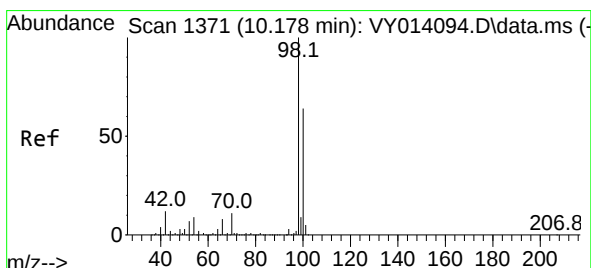
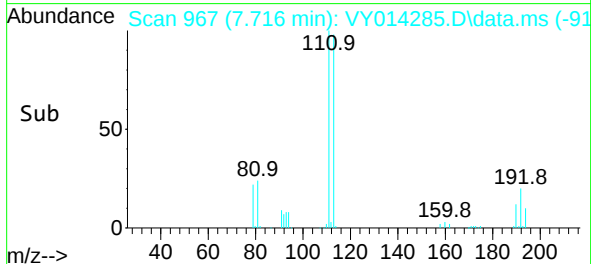
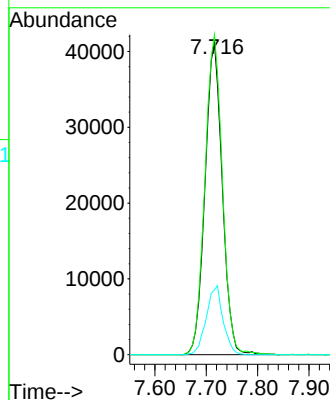
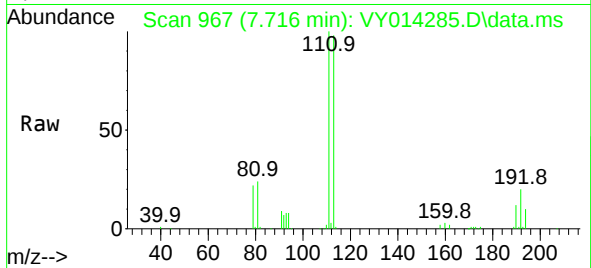




#35
Dibromofluoromethane
Concen: 47.651 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014285.D
Acq: 20 Jun 2023 15:56

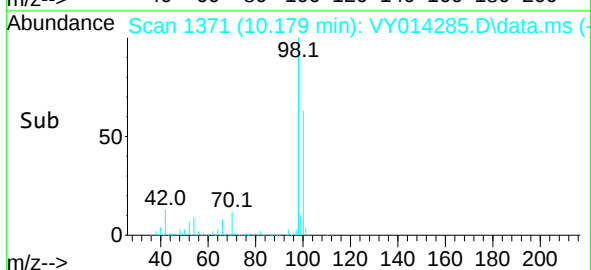
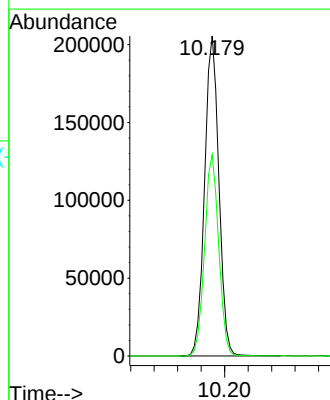
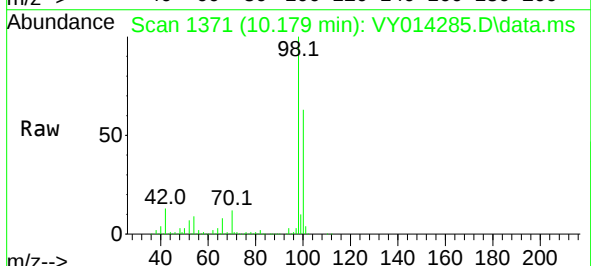
Instrument :
MSVOA_Y
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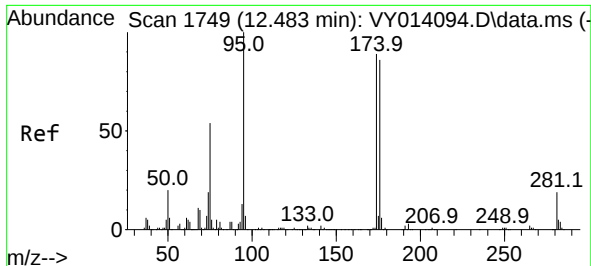
Tgt Ion:113 Resp: 95995
Ion Ratio Lower Upper
113 100
111 104.2 81.3 121.9
192 21.4 16.9 25.3



#50
Toluene-d8
Concen: 46.079 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014285.D
Acq: 20 Jun 2023 15:56

Tgt Ion: 98 Resp: 347044
Ion Ratio Lower Upper
98 100
100 62.2 50.1 75.1

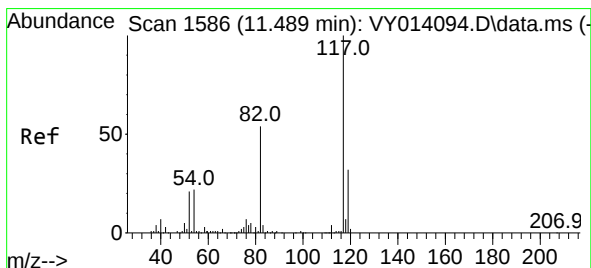
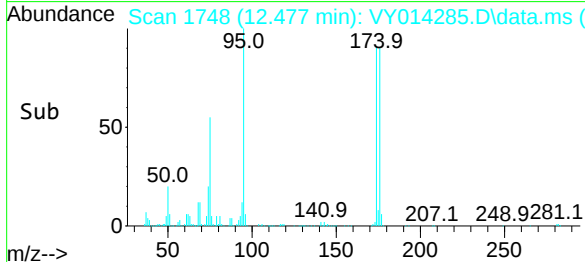
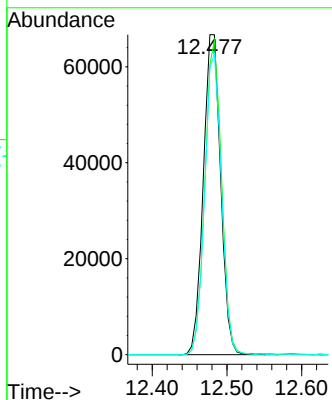
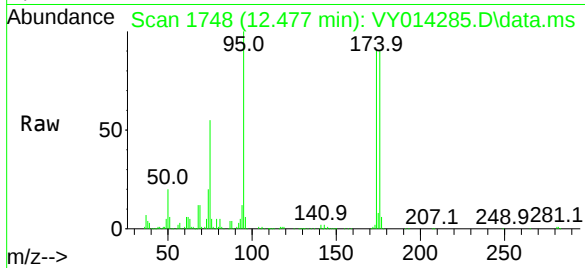




#62
4-Bromofluorobenzene
Concen: 40.111 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014285.D
Acq: 20 Jun 2023 15:56

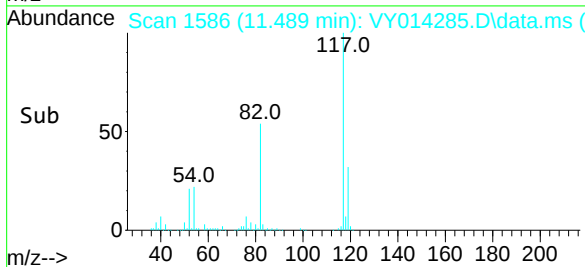
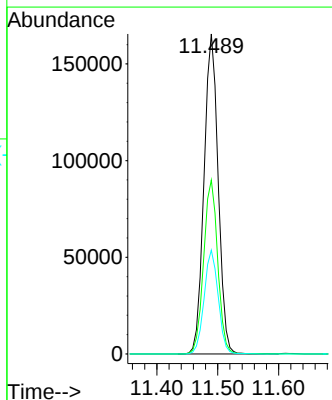
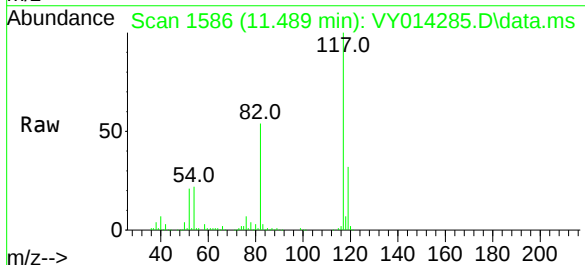
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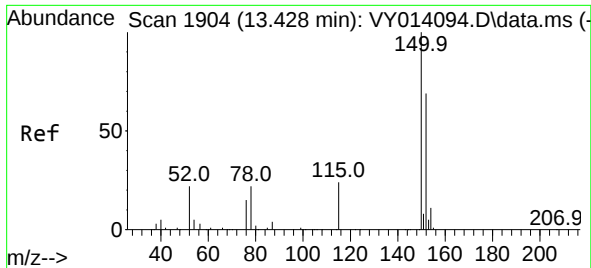
Tgt Ion: 95 Resp: 107314
Ion Ratio Lower Upper
95 100
174 94.6 0.0 178.2
176 91.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014285.D
Acq: 20 Jun 2023 15:56

Tgt Ion: 117 Resp: 267572
Ion Ratio Lower Upper
117 100
82 54.4 43.4 65.0
119 32.5 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014285.D

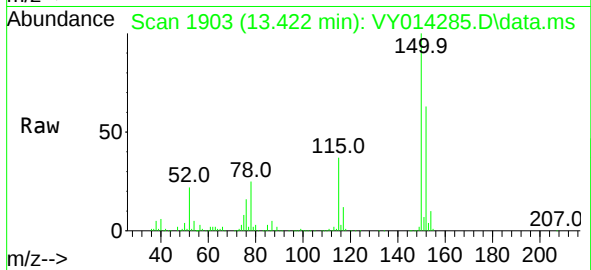
Acq: 20 Jun 2023 15:56

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-TW-01-GRAB-7



Tgt Ion:152 Resp: 119224

Ion Ratio Lower Upper

152 100

115 56.3 28.8 86.5

150 157.1 0.0 348.8

