

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122222\
 Data File : VY011980.D
 Acq On : 22 Dec 2022 17:22
 Operator : KP/MD
 Sample : N6180-04
 Misc : 7.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-5-3050

Quant Time: Dec 23 04:33:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

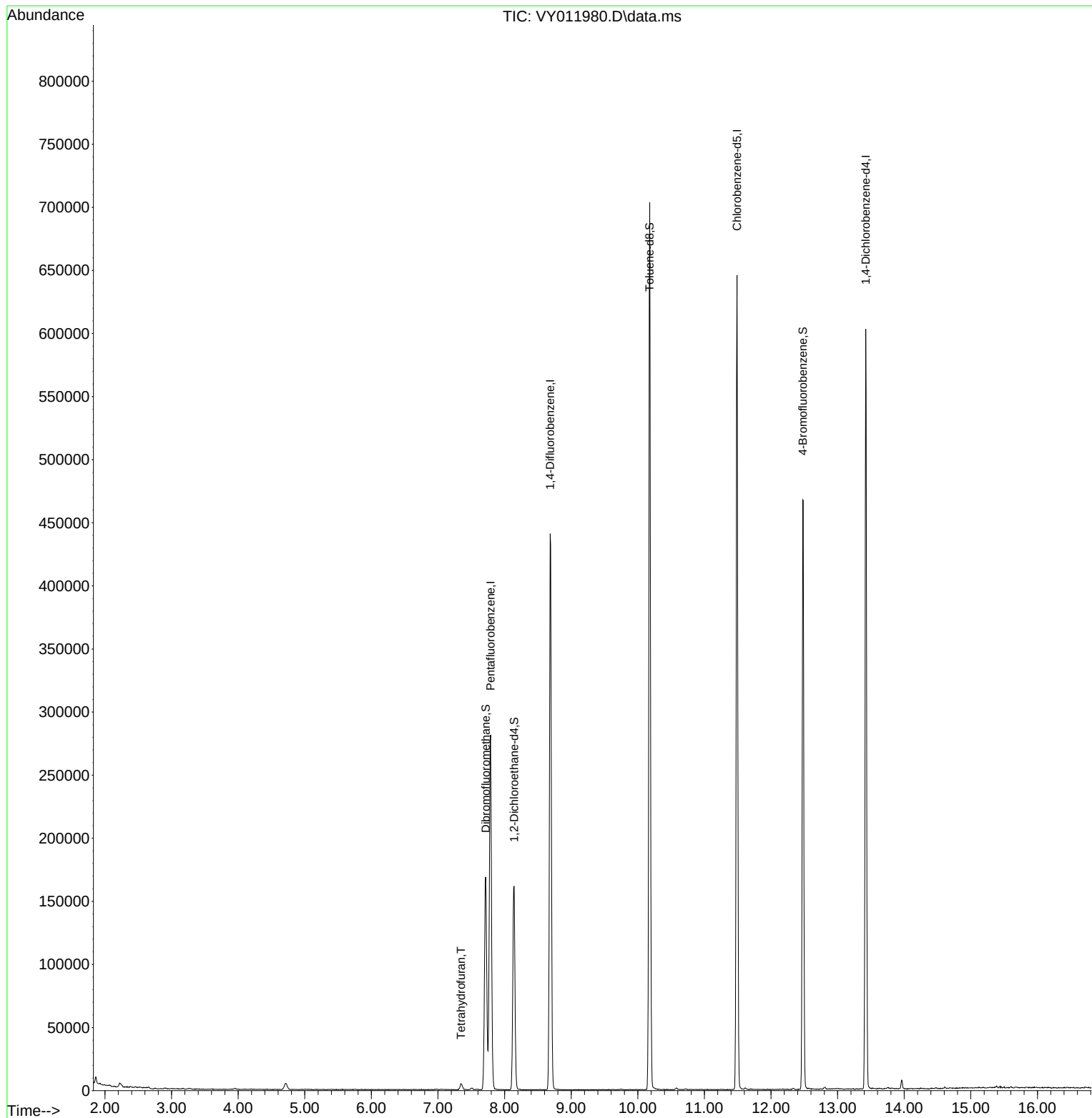
Internal Standards						
1) Pentafluorobenzene	7.789	168	219898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	387870	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	352135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	158525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	130204	58.772	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.540%
35) Dibromofluoromethane	7.716	113	118869	50.906	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.820%
50) Toluene-d8	10.179	98	455947	48.126	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.260%
62) 4-Bromofluorobenzene	12.477	95	148002	46.449	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.900%
Target Compounds						
29) Tetrahydrofuran	7.344	42	3565	8.526	ug/l	Qvalue 90

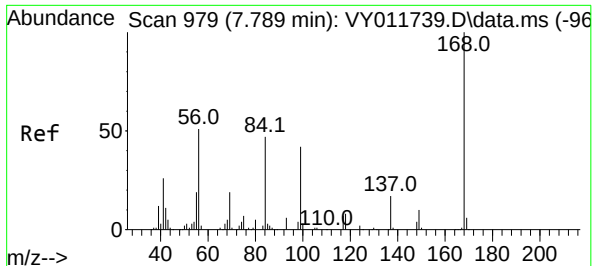
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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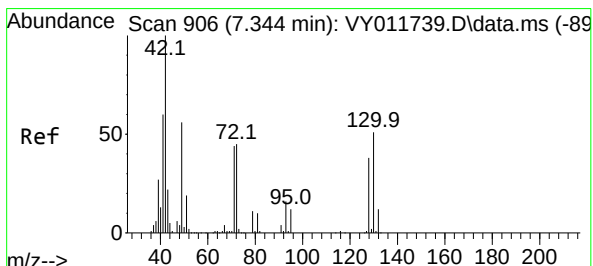
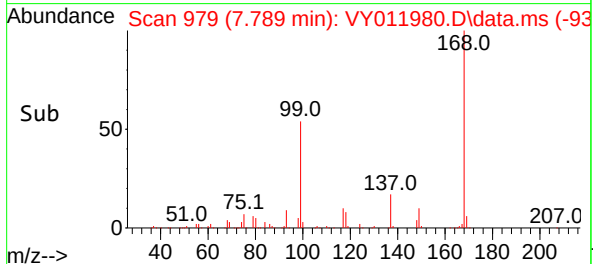
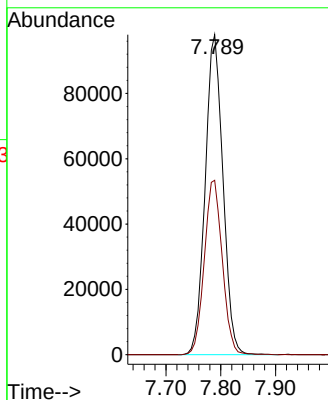
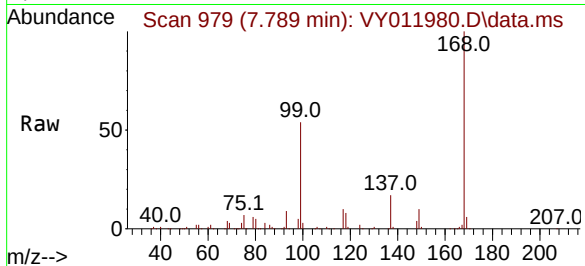




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011980.D
Acq: 22 Dec 2022 17:22

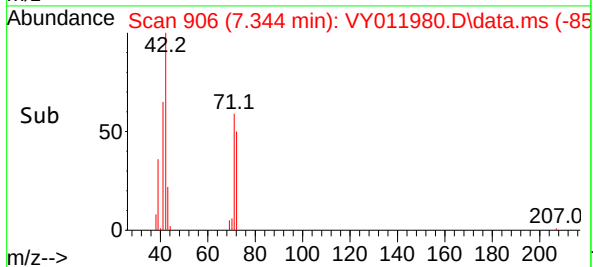
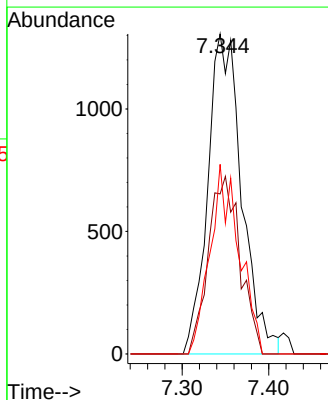
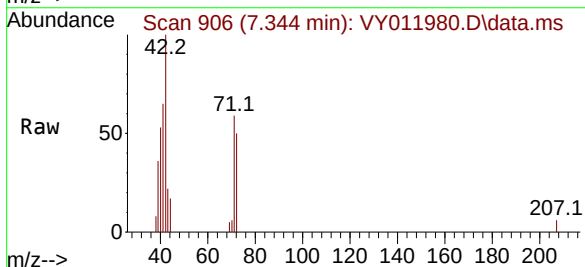
Instrument :
MSVOA_Y
ClientSampleId :
VOC-5-3050

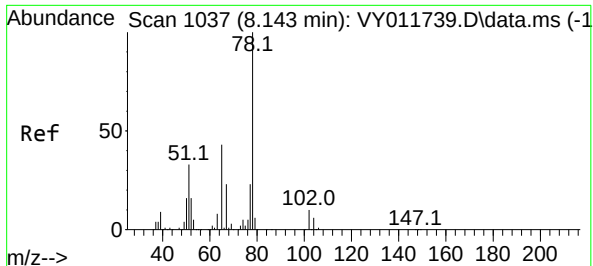
Tgt Ion:168 Resp: 219898
Ion Ratio Lower Upper
168 100
99 54.5 44.0 66.0



#29
Tetrahydrofuran
Concen: 8.526 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY011980.D
Acq: 22 Dec 2022 17:22

Tgt Ion: 42 Resp: 3565
Ion Ratio Lower Upper
42 100
72 51.6 37.0 55.6
71 50.8 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 58.772 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. -0.001 min

Lab File: VY011980.D

Acq: 22 Dec 2022 17:22

Instrument :

MSVOA_Y

ClientSampleId :

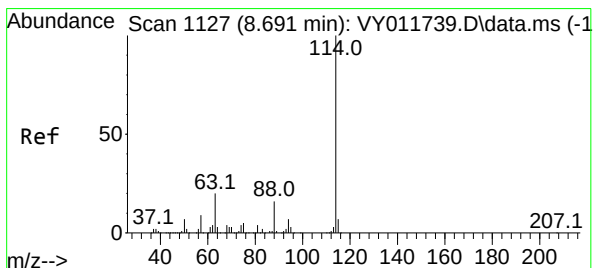
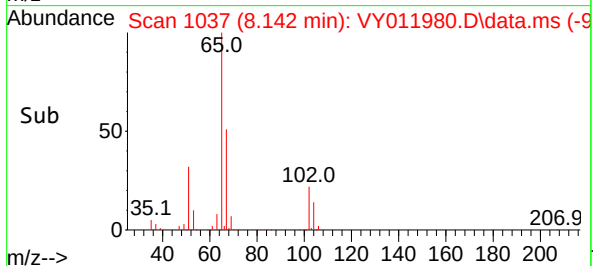
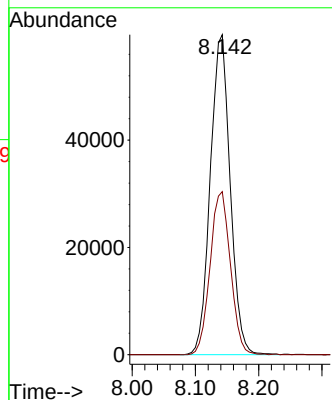
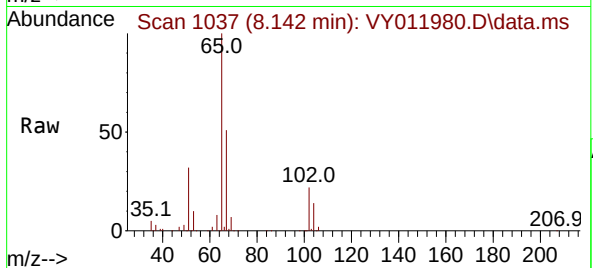
VOC-5-3050

Tgt Ion: 65 Resp: 130204

Ion Ratio Lower Upper

65 100

67 52.1 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY011980.D

Acq: 22 Dec 2022 17:22

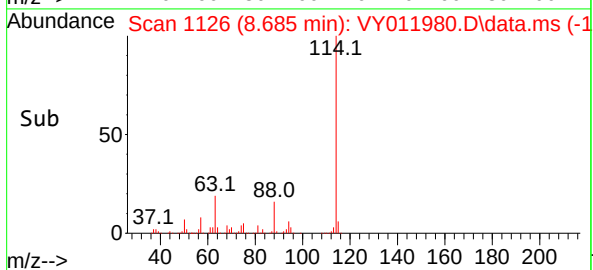
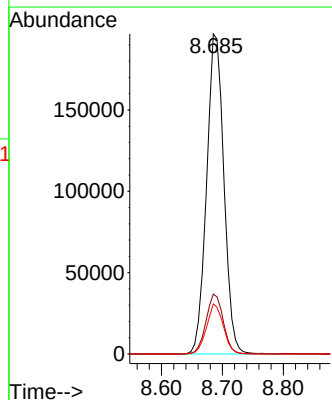
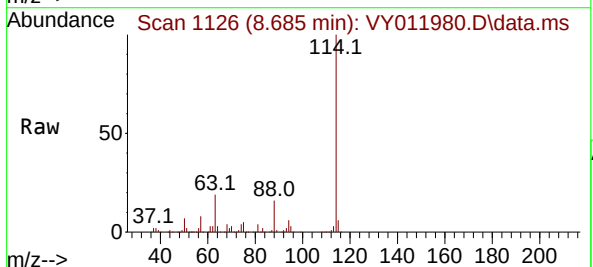
Tgt Ion: 114 Resp: 387870

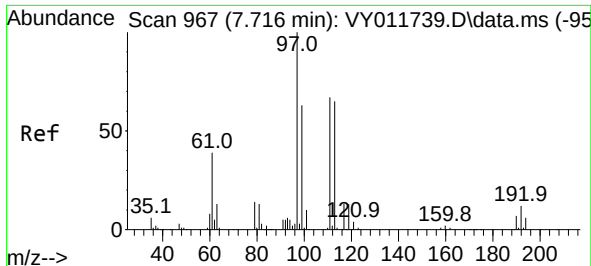
Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.6

88 15.6 0.0 32.2

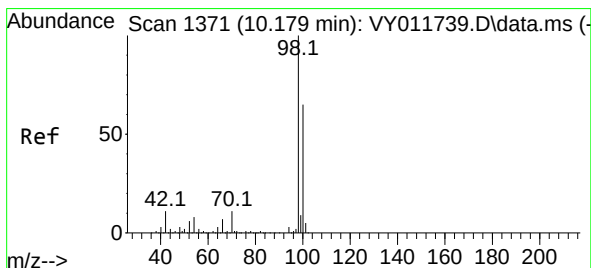
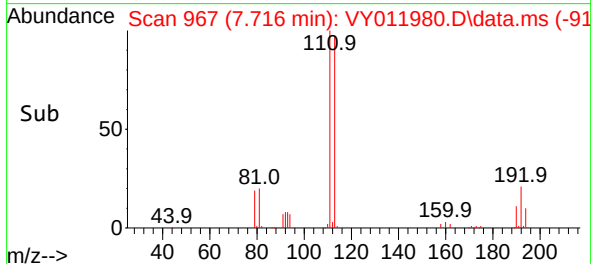
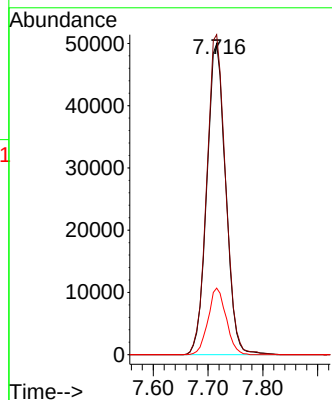
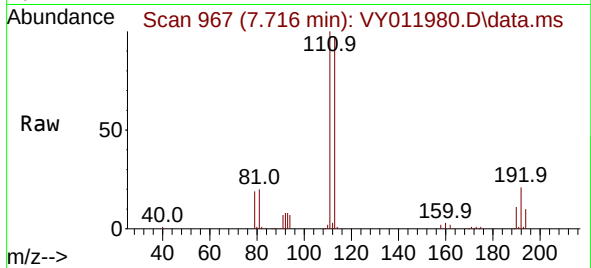




#35
Dibromofluoromethane
Concen: 50.906 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011980.D
Acq: 22 Dec 2022 17:22

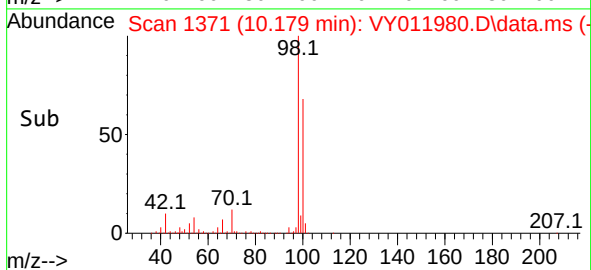
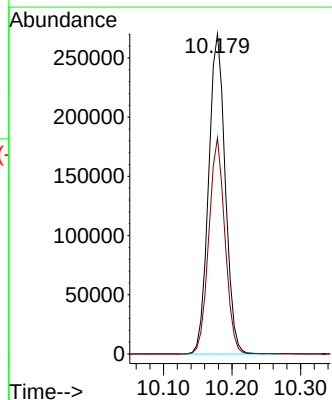
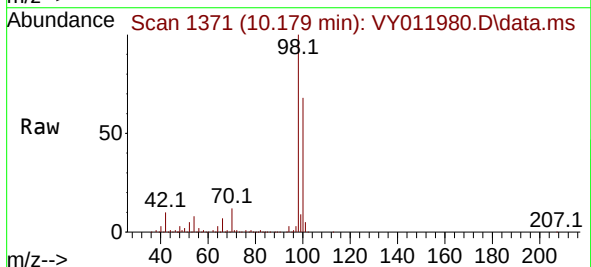
Instrument :
MSVOA_Y
ClientSampleId :
VOC-5-3050

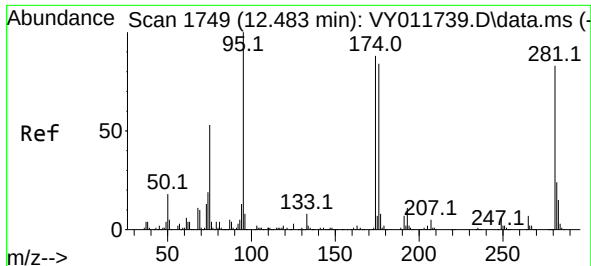
Tgt Ion:113 Resp: 118869
Ion Ratio Lower Upper
113 100
111 103.0 83.0 124.4
192 20.6 16.0 24.0



#50
Toluene-d8
Concen: 48.126 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011980.D
Acq: 22 Dec 2022 17:22

Tgt Ion: 98 Resp: 455947
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9

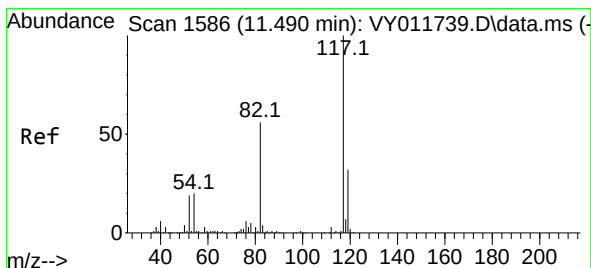
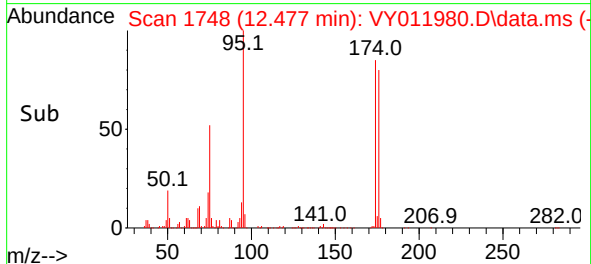
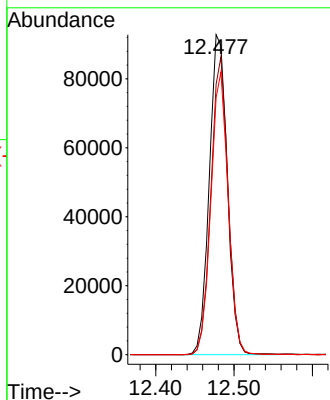
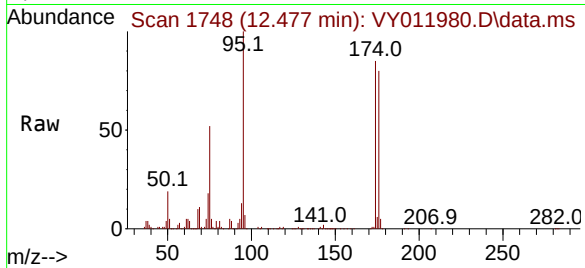




#62
4-Bromofluorobenzene
Concen: 46.449 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011980.D
Acq: 22 Dec 2022 17:22

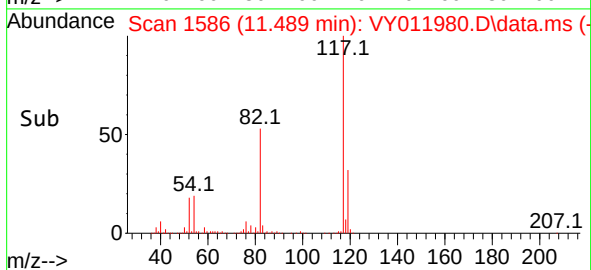
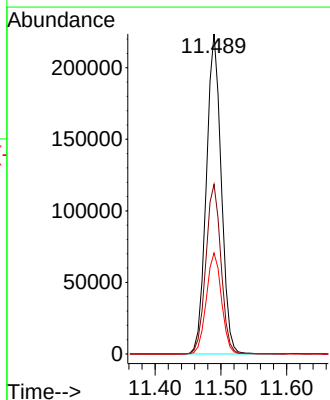
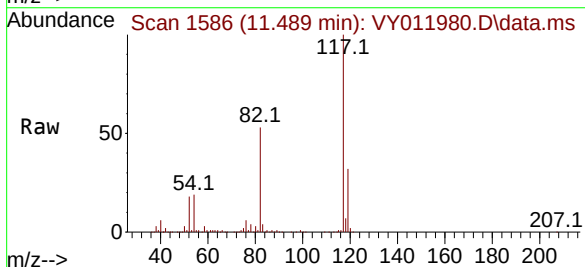
Instrument :
MSVOA_Y
ClientSampleId :
VOC-5-3050

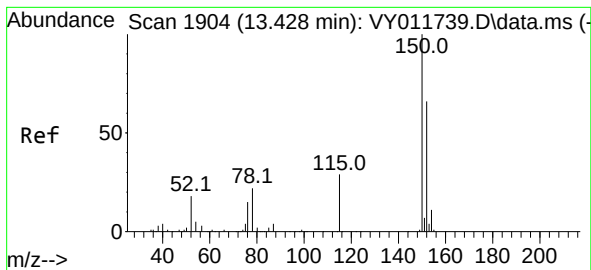
Tgt Ion: 95 Resp: 148002
Ion Ratio Lower Upper
95 100
174 89.3 0.0 172.0
176 85.0 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011980.D
Acq: 22 Dec 2022 17:22

Tgt Ion: 117 Resp: 352135
Ion Ratio Lower Upper
117 100
82 53.0 44.8 67.2
119 31.5 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY011980.D

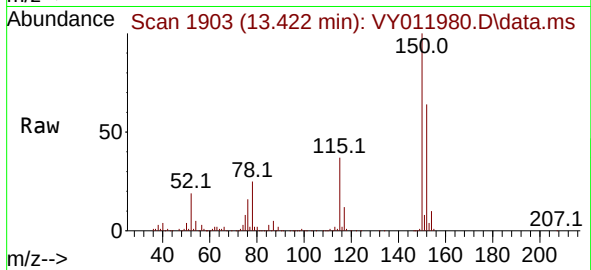
Acq: 22 Dec 2022 17:22

Instrument :

MSVOA_Y

ClientSampleId :

VOC-5-3050



Tgt Ion:152 Resp: 158525

Ion Ratio Lower Upper

152 100

115 58.1 29.1 87.3

150 157.2 0.0 342.6

