

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122222\
 Data File : VY011981.D
 Acq On : 22 Dec 2022 17:45
 Operator : KP/MD
 Sample : N6180-03
 Misc : 7.55g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-4-3050

Quant Time: Dec 23 04:33:20 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)

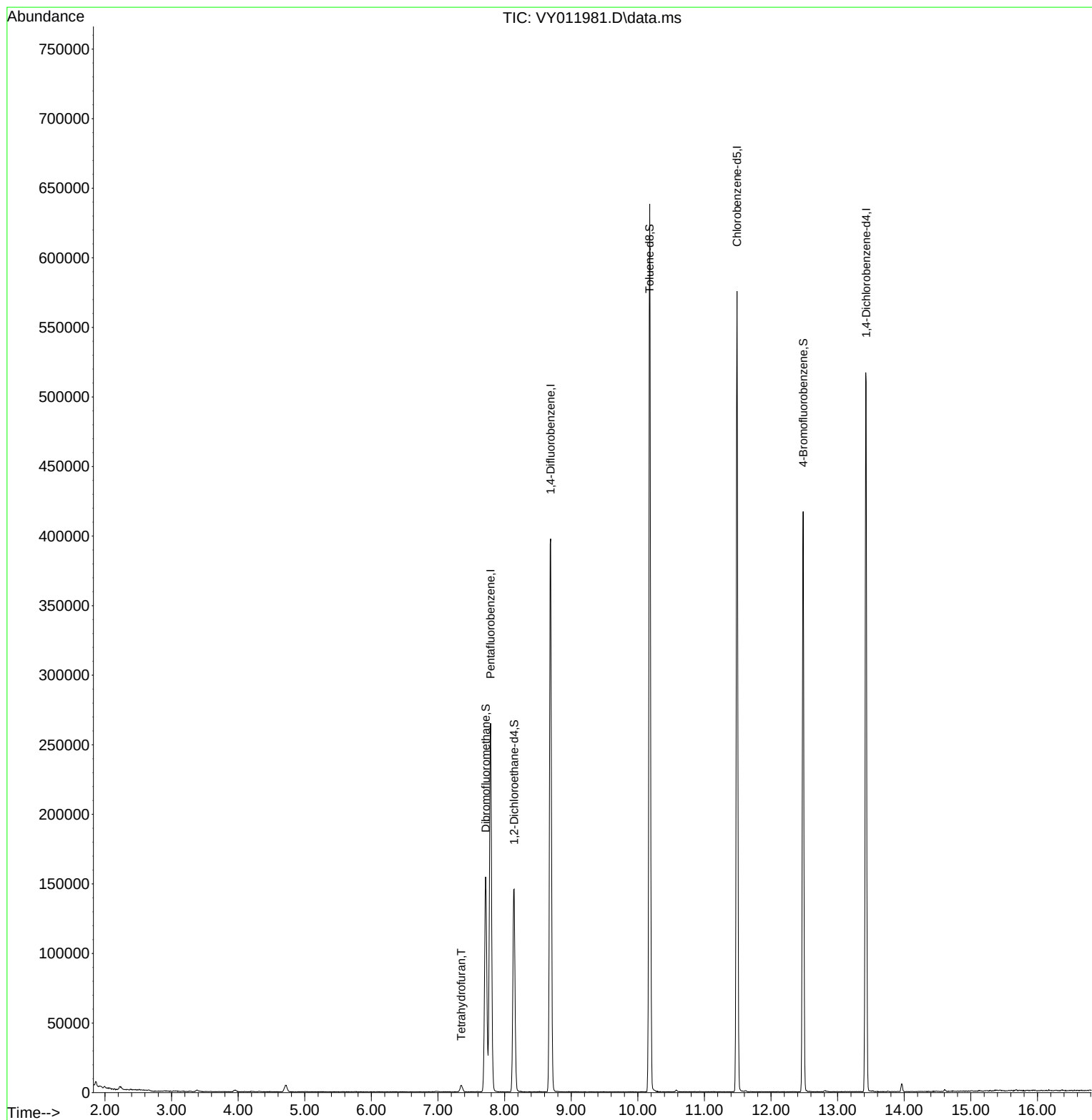
Internal Standards						
1) Pentafluorobenzene	7.789	168	209008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	352483	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	313237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	137560	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	119268	56.640	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.280%
35) Dibromofluoromethane	7.715	113	107995	50.892	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.780%
50) Toluene-d8	10.178	98	420816	48.877	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.760%
62) 4-Bromofluorobenzene	12.483	95	129516	44.728	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.460%
Target Compounds						
29) Tetrahydrofuran	7.350	42	3805	9.574	ug/l	Qvalue 91

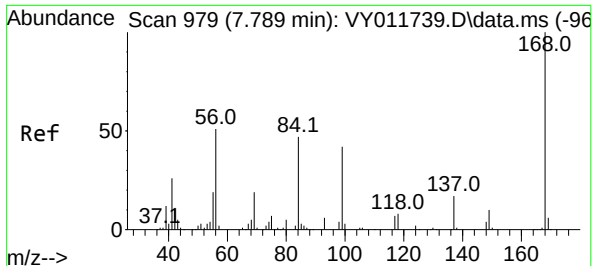
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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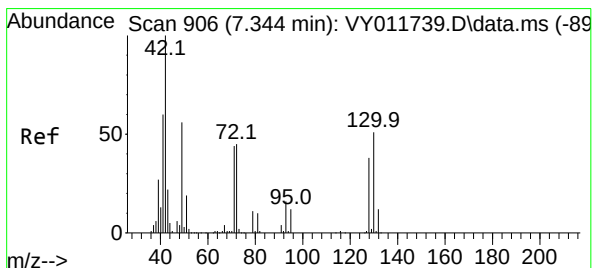
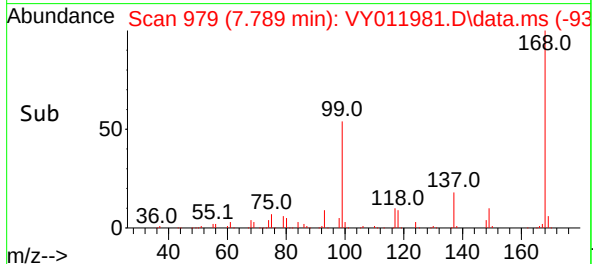
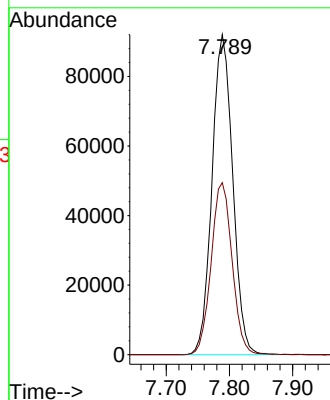
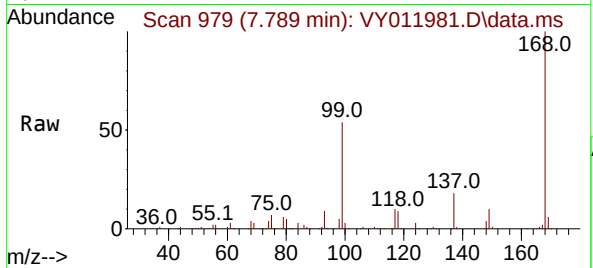




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011981.D
Acq: 22 Dec 2022 17:45

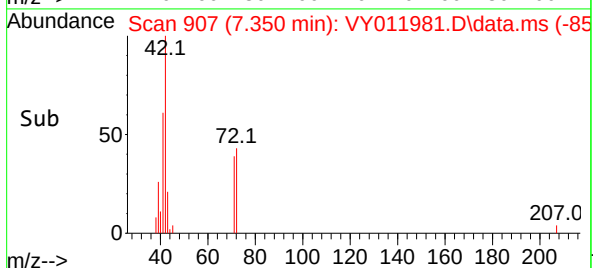
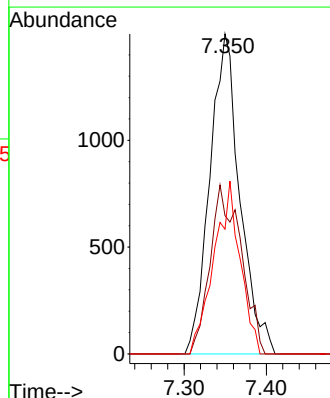
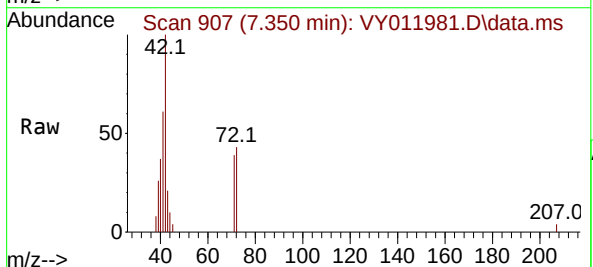
Instrument :
MSVOA_Y
ClientSampleId :
VOC-4-3050

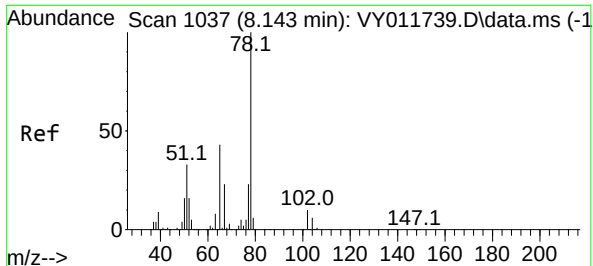
Tgt Ion:168 Resp: 209008
Ion Ratio Lower Upper
168 100
99 53.8 44.0 66.0



#29
Tetrahydrofuran
Concen: 9.574 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY011981.D
Acq: 22 Dec 2022 17:45

Tgt Ion: 42 Resp: 3805
Ion Ratio Lower Upper
42 100
72 54.5 37.0 55.6
71 47.0 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 56.640 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. -0.001 min

Lab File: VY011981.D

Acq: 22 Dec 2022 17:45

Instrument :

MSVOA_Y

ClientSampleId :

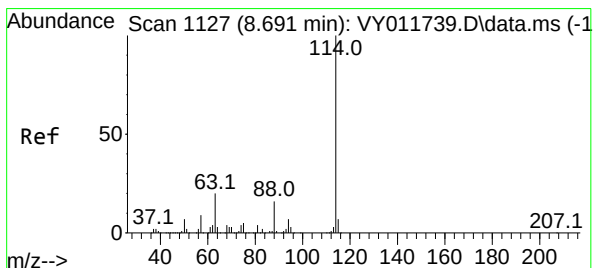
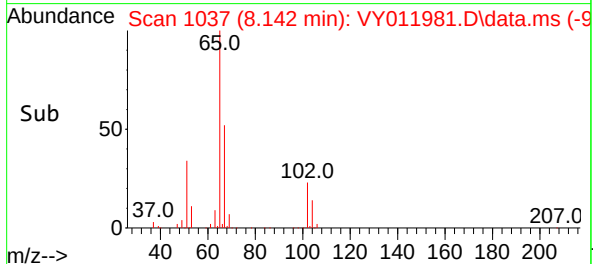
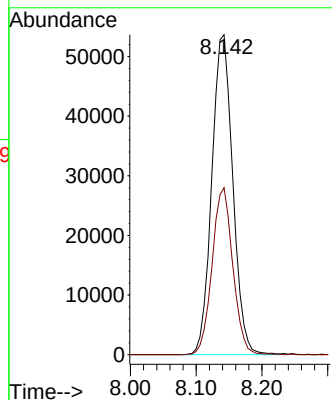
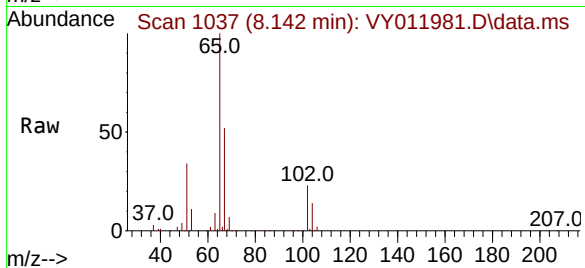
VOC-4-3050

Tgt Ion: 65 Resp: 119268

Ion Ratio Lower Upper

65 100

67 51.4 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY011981.D

Acq: 22 Dec 2022 17:45

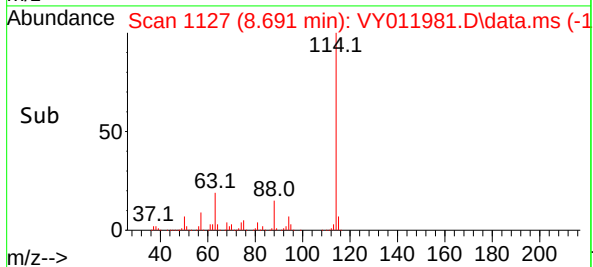
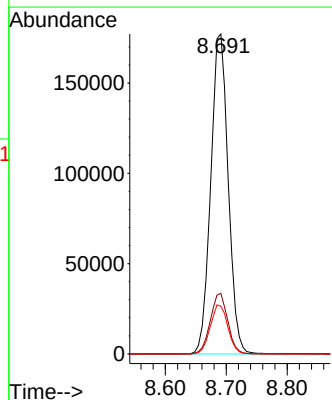
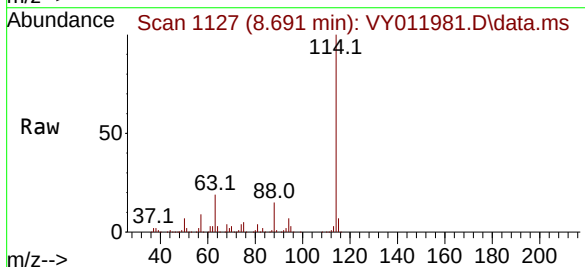
Tgt Ion: 114 Resp: 352483

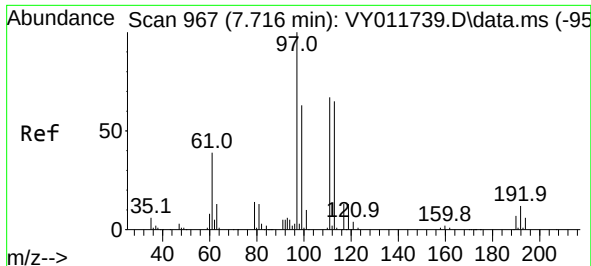
Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.6

88 14.9 0.0 32.2

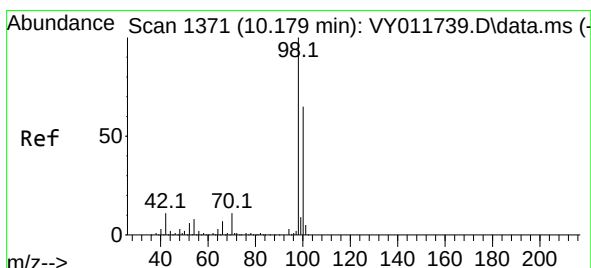
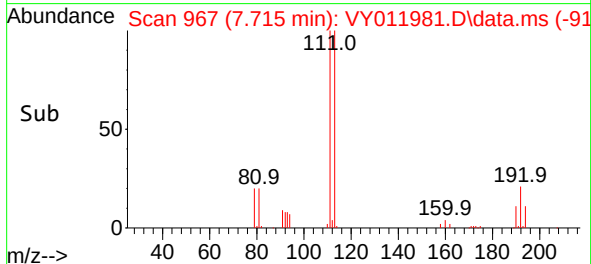
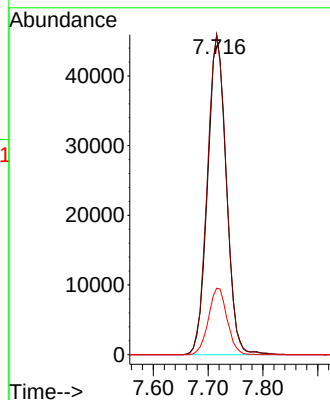
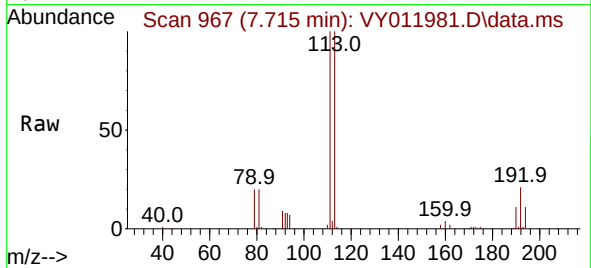




#35
 Dibromofluoromethane
 Concen: 50.892 ug/l
 RT: 7.715 min Scan# 91
 Delta R.T. -0.001 min
 Lab File: VY011981.D
 Acq: 22 Dec 2022 17:45

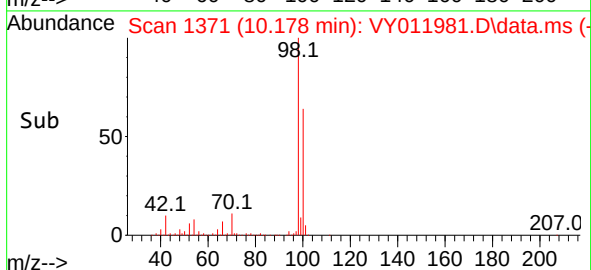
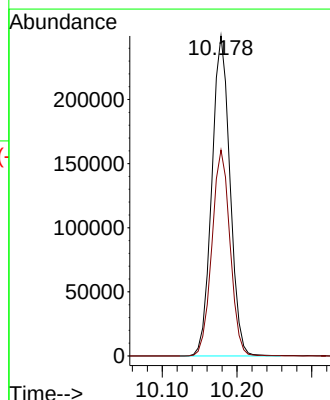
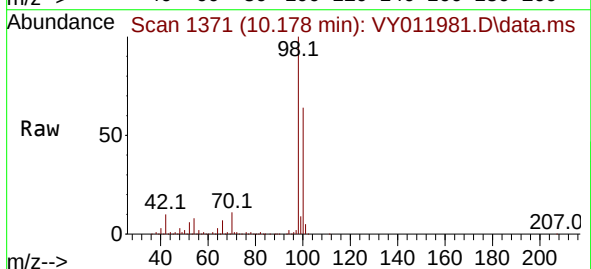
Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-4-3050

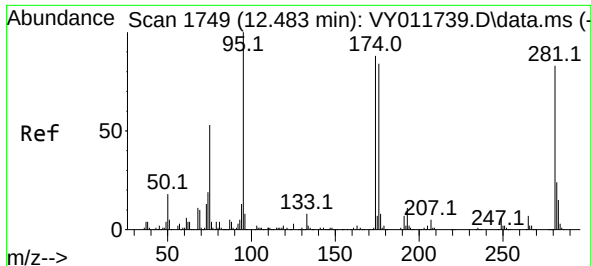
Tgt Ion:113 Resp: 107995
 Ion Ratio Lower Upper
 113 100
 111 102.1 83.0 124.4
 192 20.9 16.0 24.0



#50
 Toluene-d8
 Concen: 48.877 ug/l
 RT: 10.178 min Scan# 1371
 Delta R.T. -0.001 min
 Lab File: VY011981.D
 Acq: 22 Dec 2022 17:45

Tgt Ion: 98 Resp: 420816
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.9 77.9

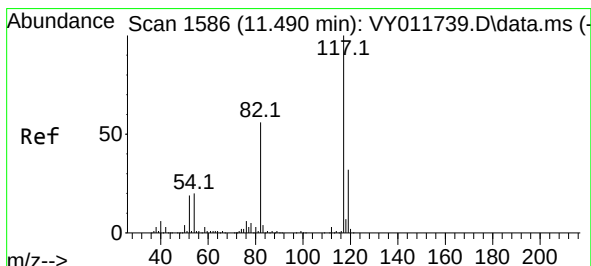
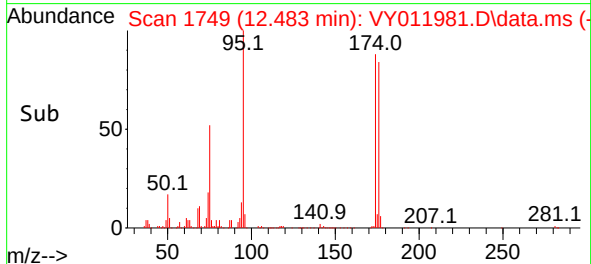
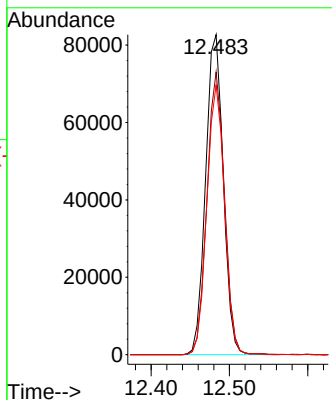
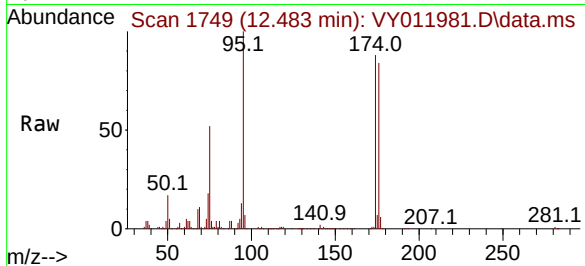




#62
4-Bromofluorobenzene
Concen: 44.728 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY011981.D
Acq: 22 Dec 2022 17:45

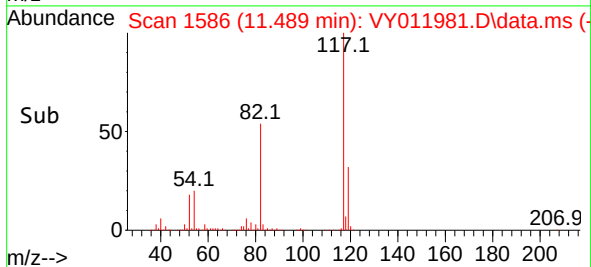
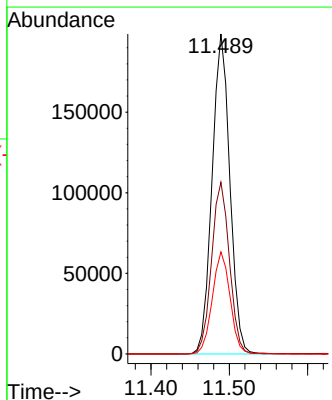
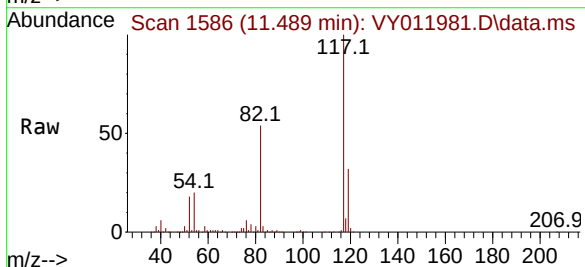
Instrument :
MSVOA_Y
ClientSampleId :
VOC-4-3050

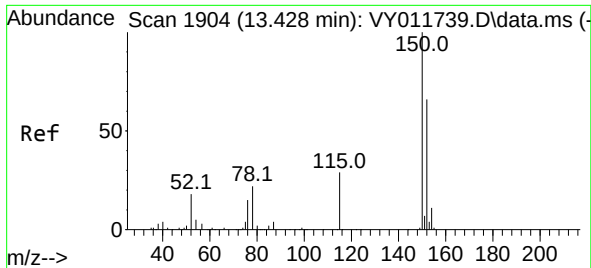
Tgt Ion: 95 Resp: 129516
Ion Ratio Lower Upper
95 100
174 88.0 0.0 172.0
176 84.4 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011981.D
Acq: 22 Dec 2022 17:45

Tgt Ion: 117 Resp: 313237
Ion Ratio Lower Upper
117 100
82 53.6 44.8 67.2
119 31.9 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY011981.D

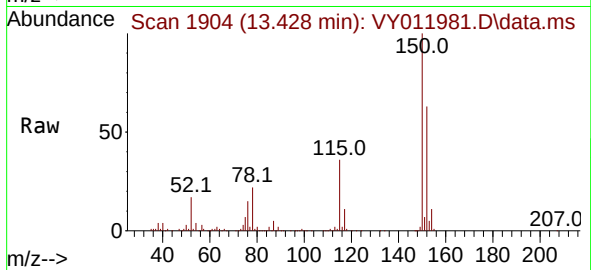
Acq: 22 Dec 2022 17:45

Instrument :

MSVOA_Y

ClientSampleId :

VOC-4-3050



Tgt Ion:152 Resp: 137560

Ion Ratio Lower Upper

152 100

115 58.1 29.1 87.3

150 157.3 0.0 342.6

