

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122222\
 Data File : VY011972.D
 Acq On : 22 Dec 2022 14:14
 Operator : KP/MD
 Sample : N6160-03
 Misc : 4.41g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-7-3051

Quant Time: Dec 23 04:32:07 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)

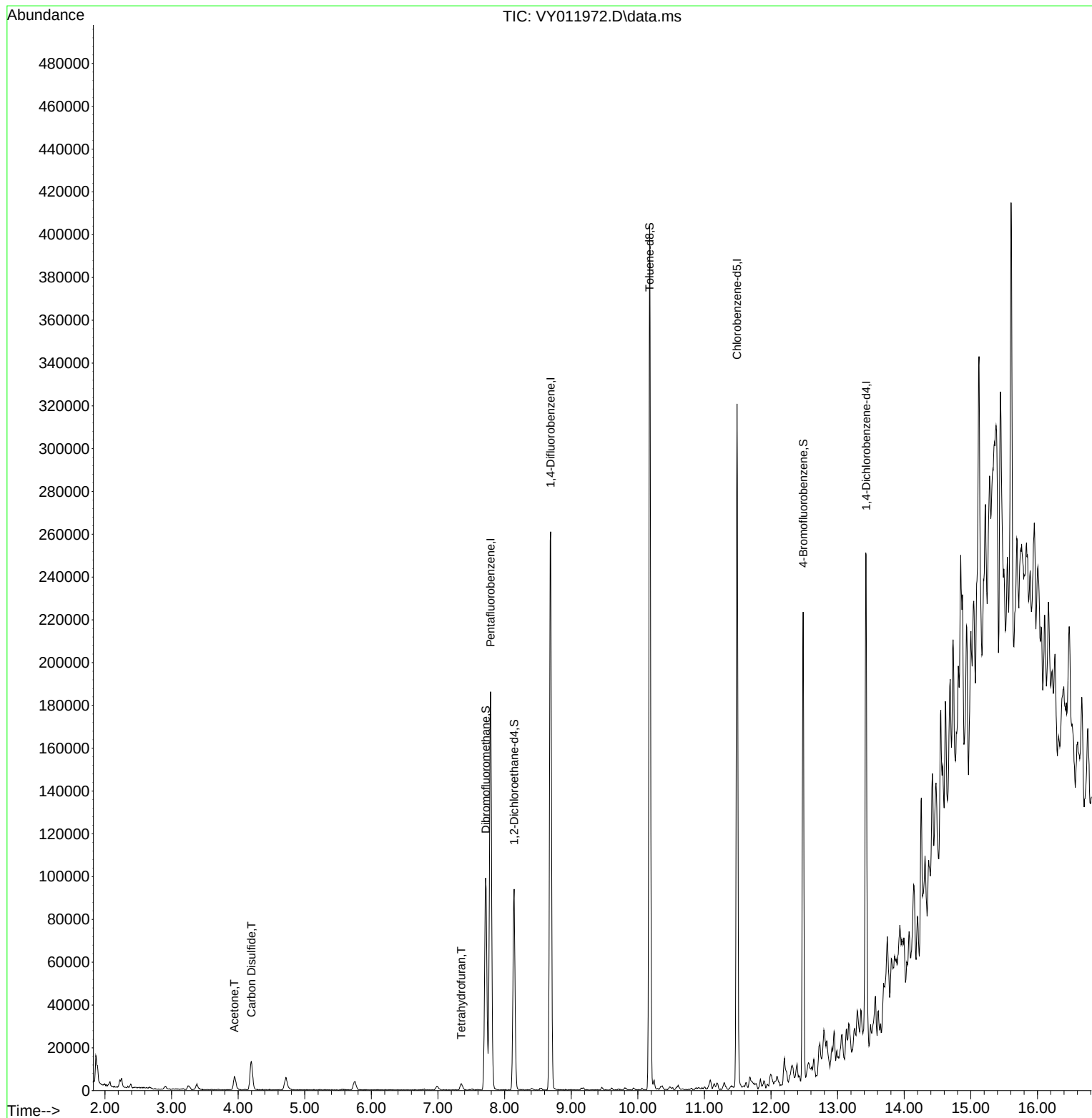
Internal Standards						
1) Pentafluorobenzene	7.789	168	145841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	228593	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	178761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	61623	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	74758	50.879	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.760%	
35) Dibromofluoromethane	7.716	113	69313	50.366	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.740%	
50) Toluene-d8	10.179	98	267979	47.994	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.980%	
62) 4-Bromofluorobenzene	12.483	95	66614	35.473	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 70.940%	
Target Compounds						
						Qvalue
16) Acetone	3.942	43	10882	29.197	ug/l	97
17) Carbon Disulfide	4.198	76	26324	5.981	ug/l	98
29) Tetrahydrofuran	7.350	42	2155	7.771	ug/l #	86

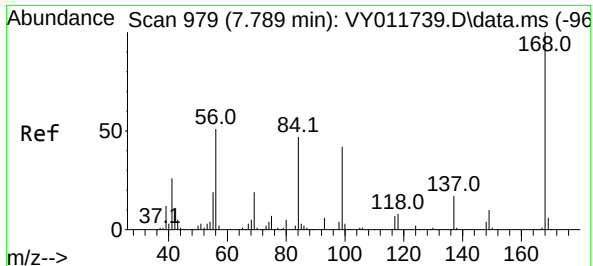
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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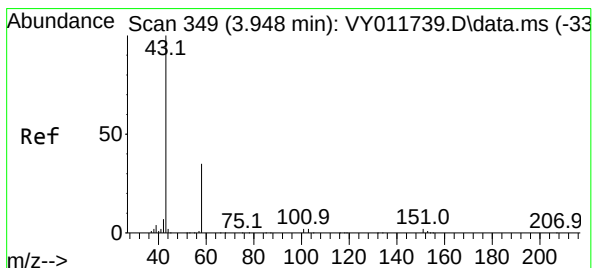
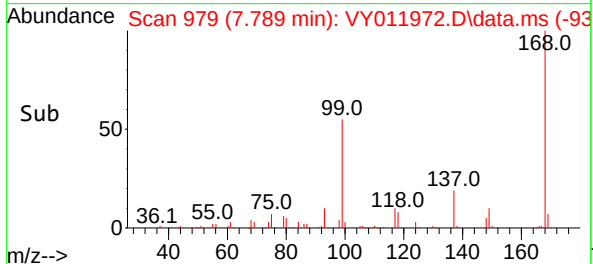
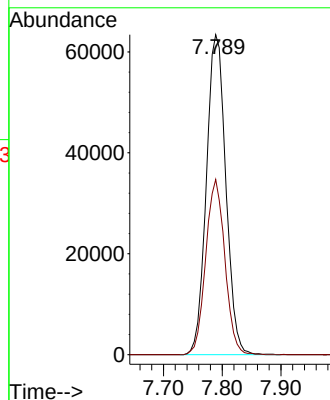
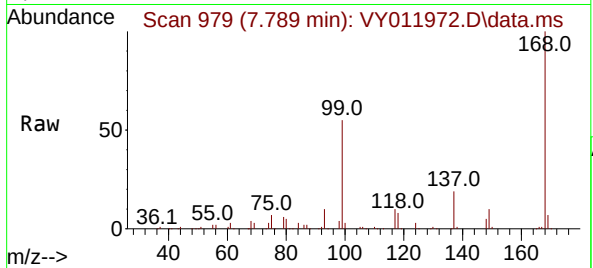




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011972.D
Acq: 22 Dec 2022 14:14

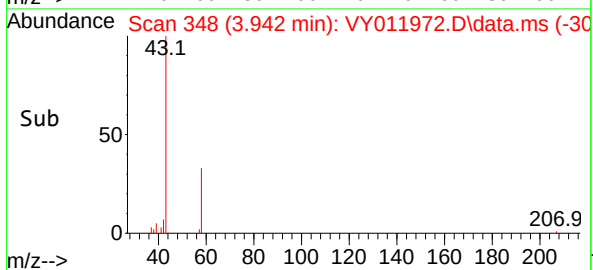
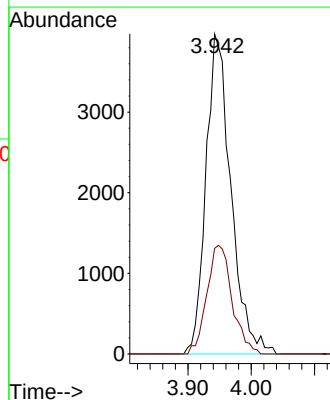
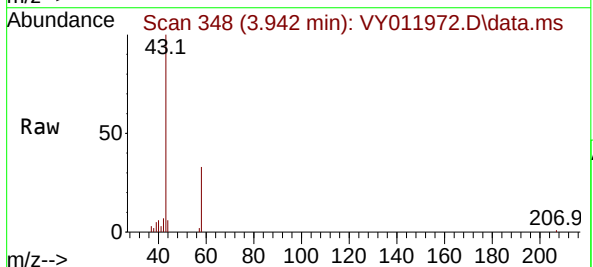
Instrument :
MSVOA_Y
ClientSampleId :
VOC-7-3051

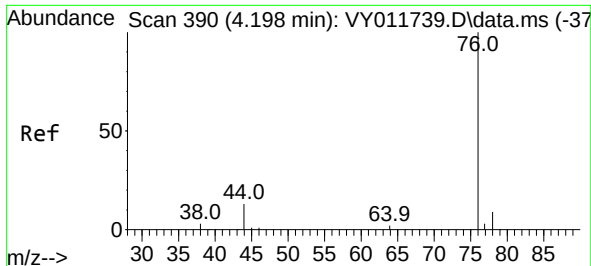
Tgt Ion:168 Resp: 145841
Ion Ratio Lower Upper
168 100
99 54.7 44.0 66.0



#16
Acetone
Concen: 29.197 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY011972.D
Acq: 22 Dec 2022 14:14

Tgt Ion: 43 Resp: 10882
Ion Ratio Lower Upper
43 100
58 33.0 27.9 41.9

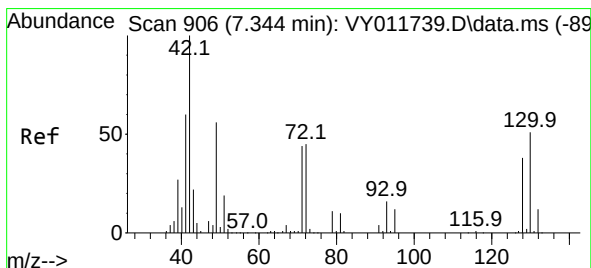
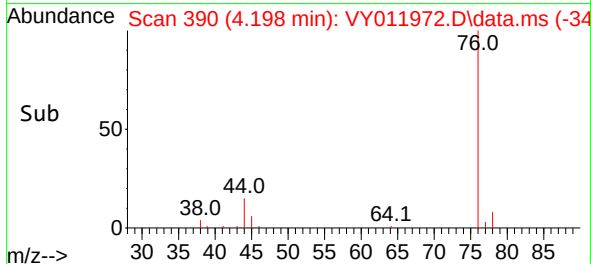
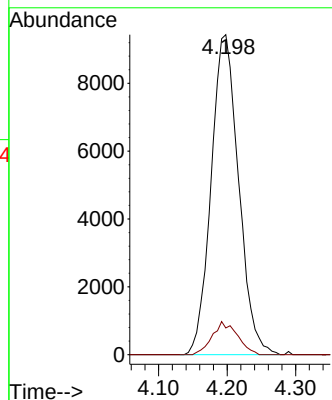
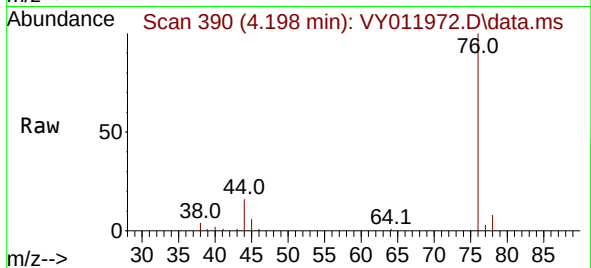




#17
Carbon Disulfide
Concen: 5.981 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY011972.D
Acq: 22 Dec 2022 14:14

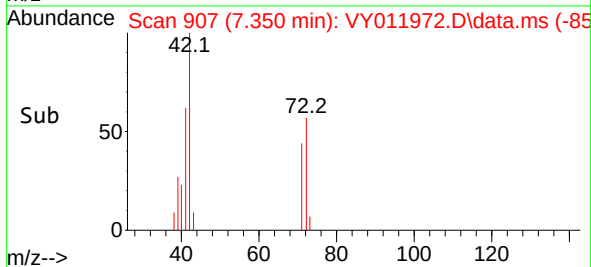
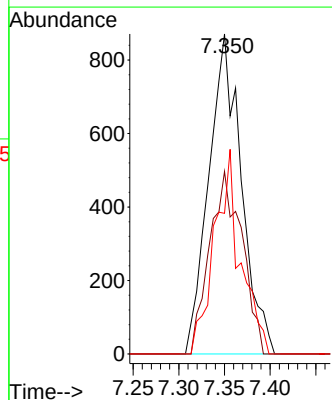
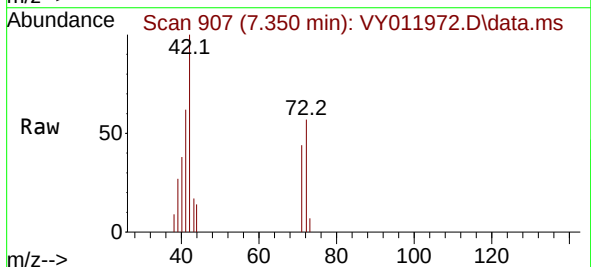
Instrument :
MSVOA_Y
ClientSampleId :
VOC-7-3051

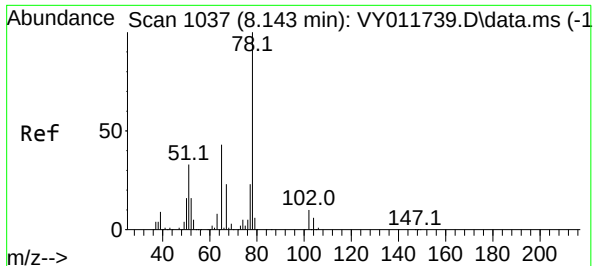
Tgt Ion: 76 Resp: 26324
Ion Ratio Lower Upper
76 100
78 8.3 7.2 10.8



#29
Tetrahydrofuran
Concen: 7.771 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY011972.D
Acq: 22 Dec 2022 14:14

Tgt Ion: 42 Resp: 2155
Ion Ratio Lower Upper
42 100
72 56.8 37.0 55.6#
71 50.9 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 50.879 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011972.D

Acq: 22 Dec 2022 14:14

Instrument :

MSVOA_Y

ClientSampleId :

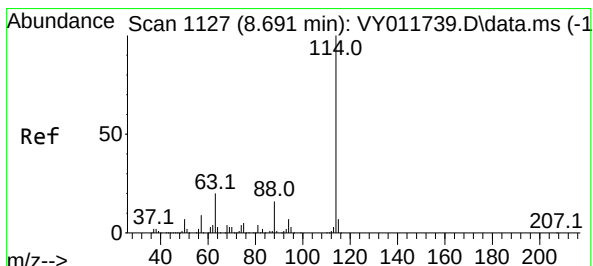
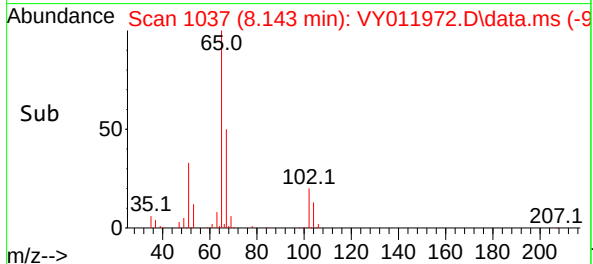
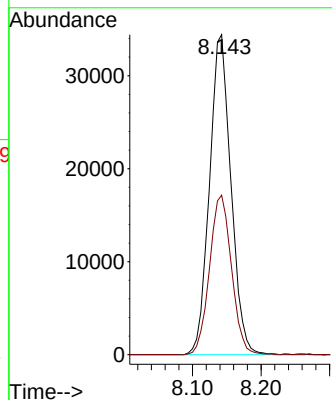
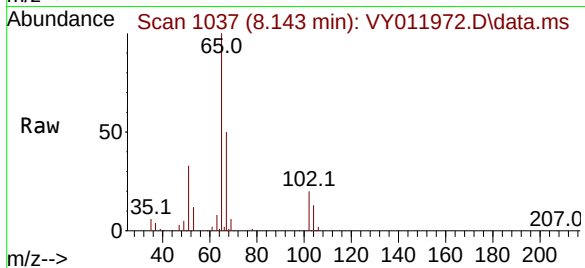
VOC-7-3051

Tgt Ion: 65 Resp: 74758

Ion Ratio Lower Upper

65 100

67 51.0 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: VY011972.D

Acq: 22 Dec 2022 14:14

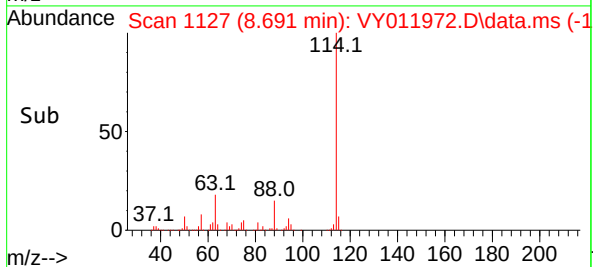
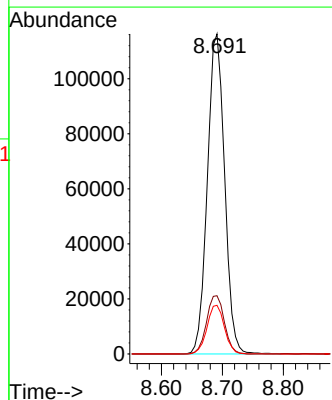
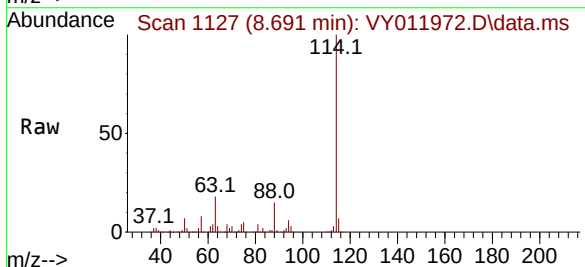
Tgt Ion: 114 Resp: 228593

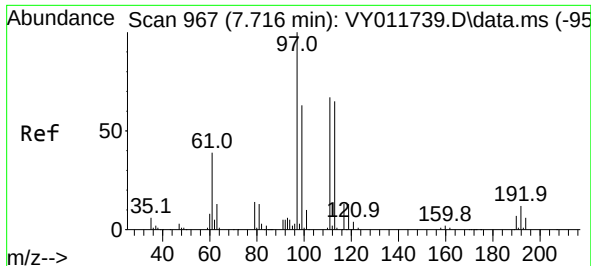
Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.6

88 15.2 0.0 32.2

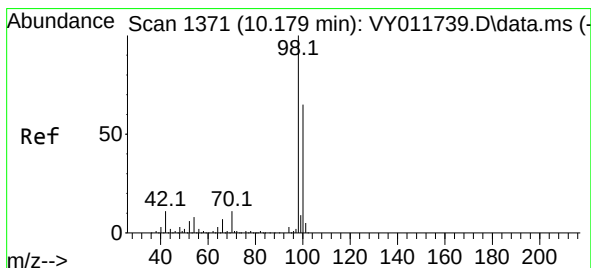
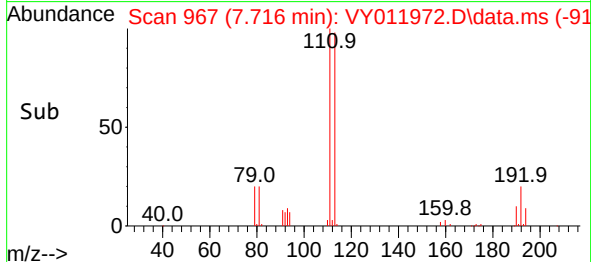
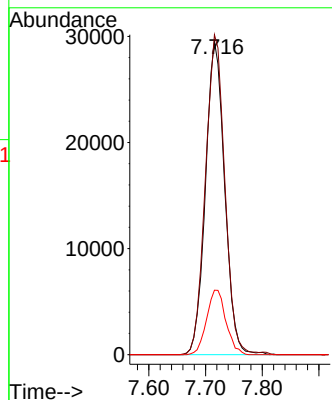
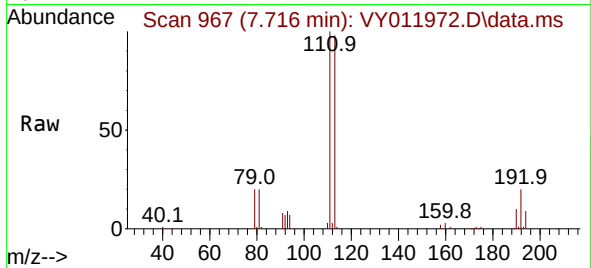




#35
 Dibromofluoromethane
 Concen: 50.366 ug/l
 RT: 7.716 min Scan# 967
 Delta R.T. -0.000 min
 Lab File: VY011972.D
 Acq: 22 Dec 2022 14:14

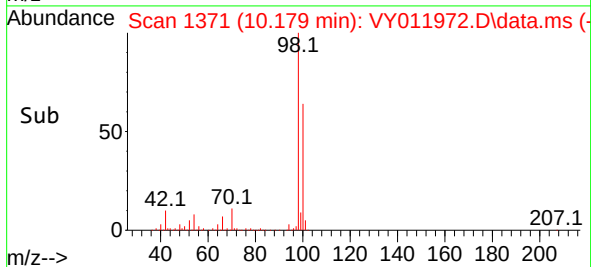
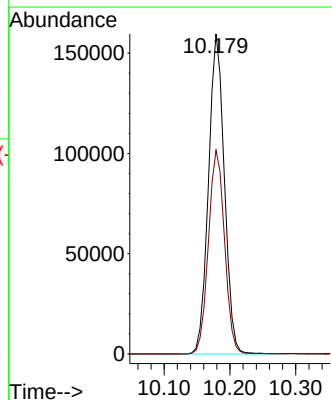
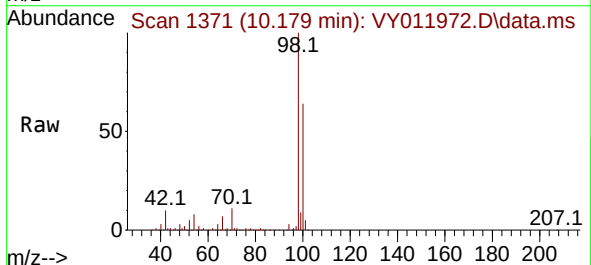
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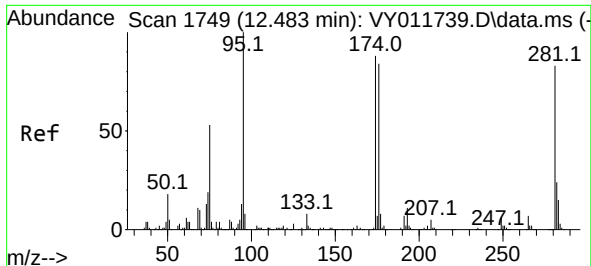
Tgt Ion:113 Resp: 69313
 Ion Ratio Lower Upper
 113 100
 111 103.6 83.0 124.4
 192 20.8 16.0 24.0



#50
 Toluene-d8
 Concen: 47.994 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: VY011972.D
 Acq: 22 Dec 2022 14:14

Tgt Ion: 98 Resp: 267979
 Ion Ratio Lower Upper
 98 100
 100 64.8 51.9 77.9

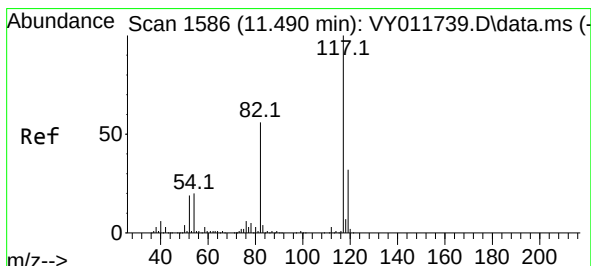
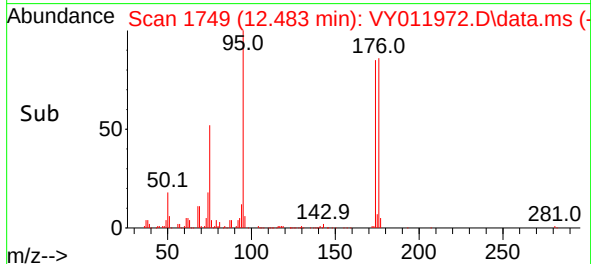
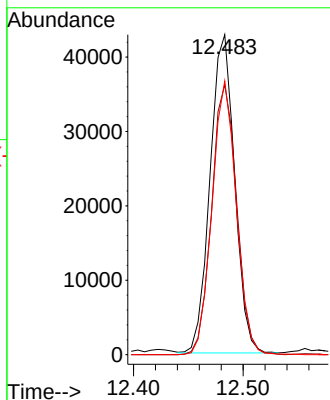
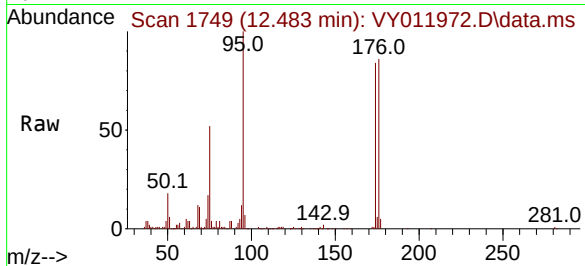




#62
4-Bromofluorobenzene
Concen: 35.473 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011972.D
Acq: 22 Dec 2022 14:14

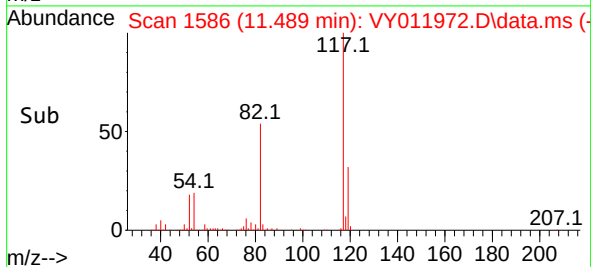
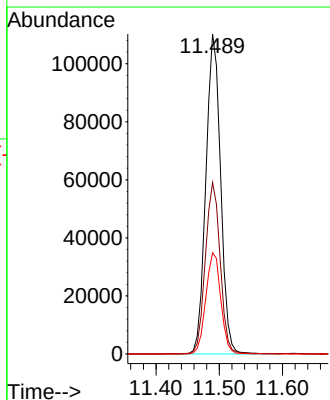
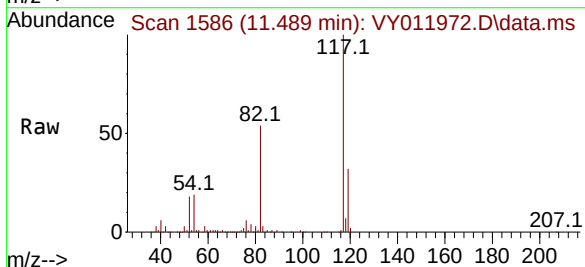
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MSVOA_Y
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VOC-7-3051

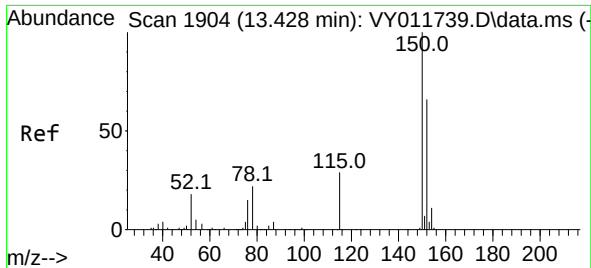
Tgt Ion: 95 Resp: 66614
Ion Ratio Lower Upper
95 100
174 86.6 0.0 172.0
176 84.9 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011972.D
Acq: 22 Dec 2022 14:14

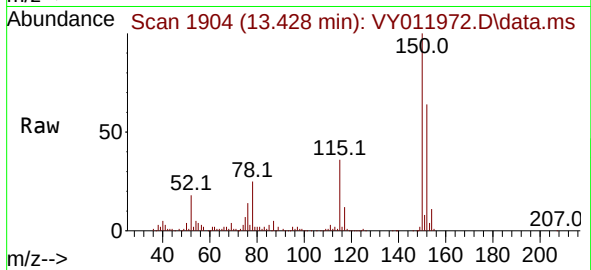
Tgt Ion: 117 Resp: 178761
Ion Ratio Lower Upper
117 100
82 53.5 44.8 67.2
119 31.6 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY011972.D
 Acq: 22 Dec 2022 14:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-7-3051



Tgt Ion:	152	Resp:	61623
Ion	Ratio	Lower	Upper
152	100		
115	58.7	29.1	87.3
150	158.1	0.0	342.6

