

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122222\
 Data File : VY011978.D
 Acq On : 22 Dec 2022 16:35
 Operator : KP/MD
 Sample : N6160-03
 Misc : 4.47g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-7-3051

Quant Time: Dec 23 04:32:53 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)

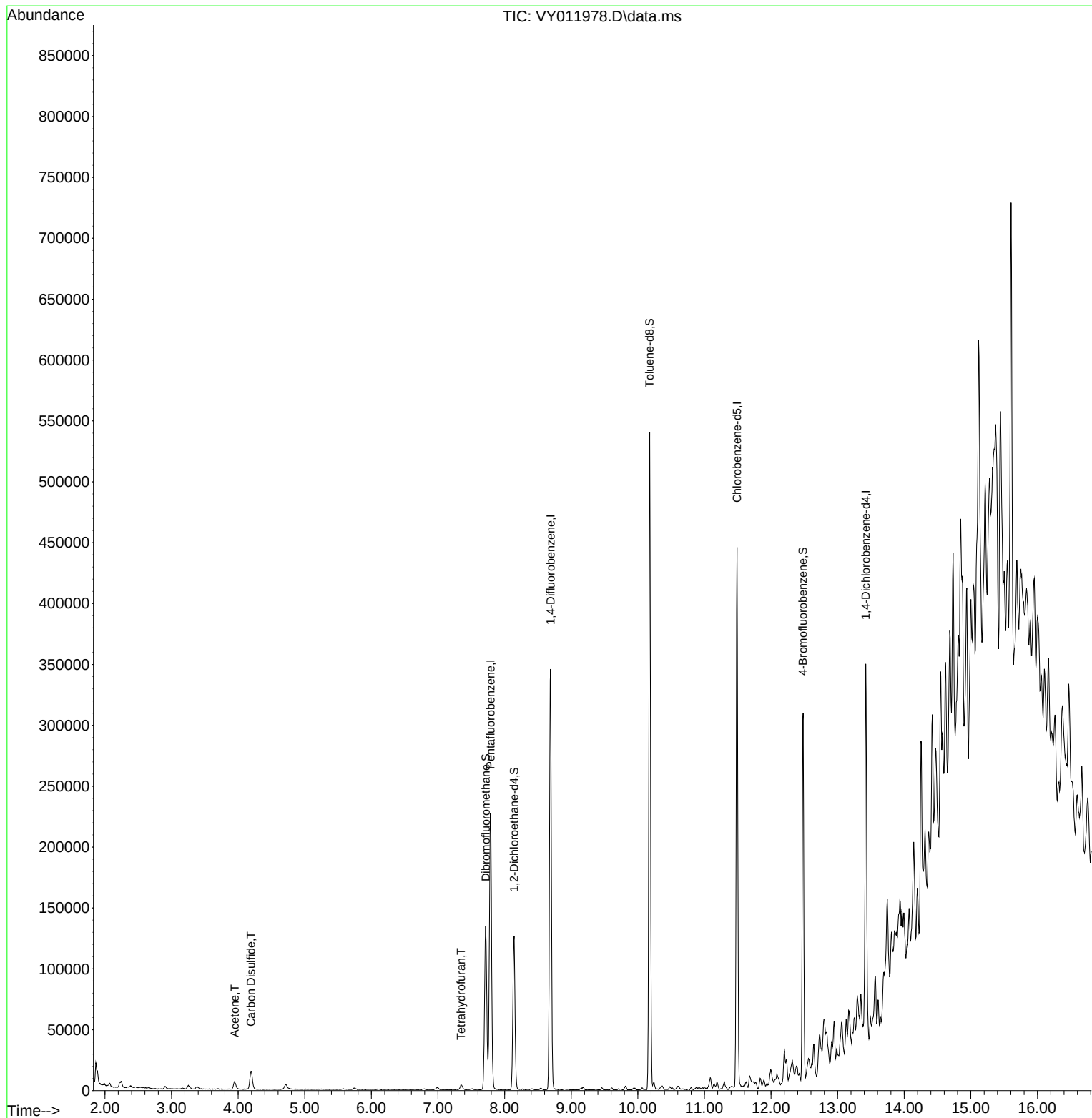
Internal Standards						
1) Pentafluorobenzene	7.789	168	178587	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	302958	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	246191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	81448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	101383	56.348	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.700%	
35) Dibromofluoromethane	7.716	113	93650	51.346	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.700%	
50) Toluene-d8	10.179	98	353877	47.821	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.640%	
62) 4-Bromofluorobenzene	12.477	95	91731	36.858	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 73.720%	
Target Compounds						
						Qvalue
16) Acetone	3.948	43	10886	24.745	ug/l	94
17) Carbon Disulfide	4.192	76	30942	5.741	ug/l	98
29) Tetrahydrofuran	7.344	42	2959	8.714	ug/l	93

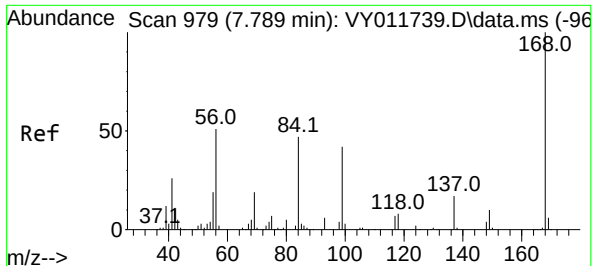
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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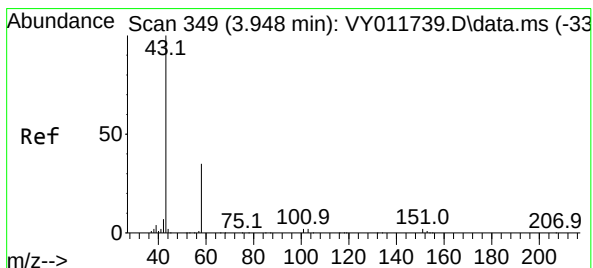
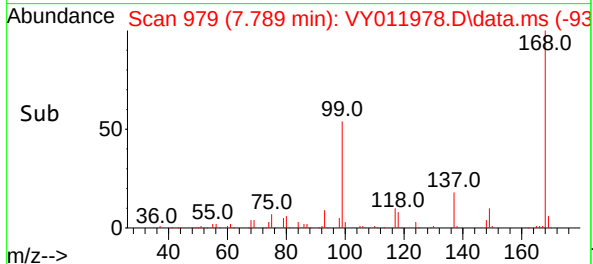
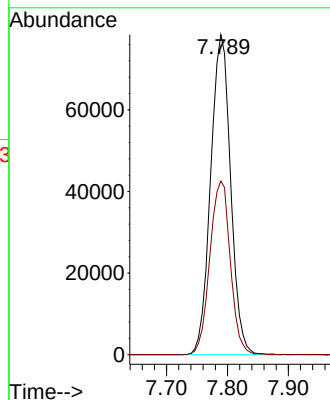
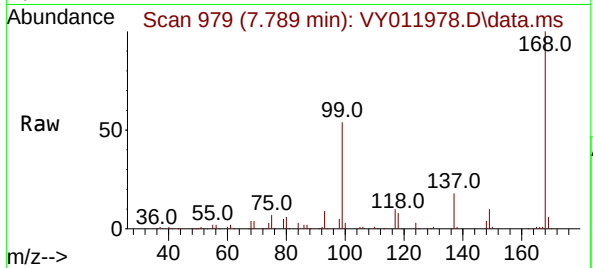




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011978.D
Acq: 22 Dec 2022 16:35

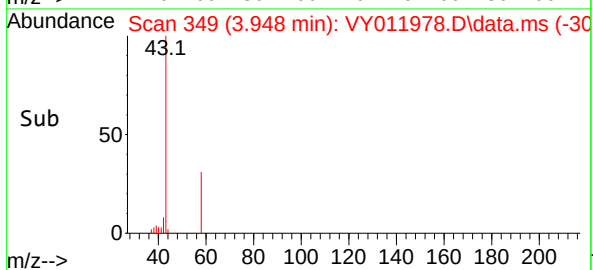
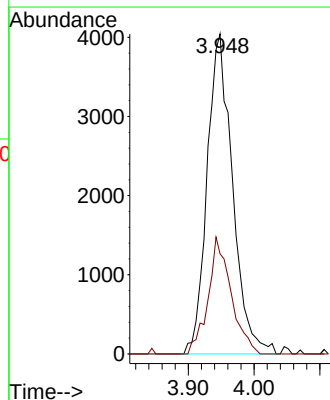
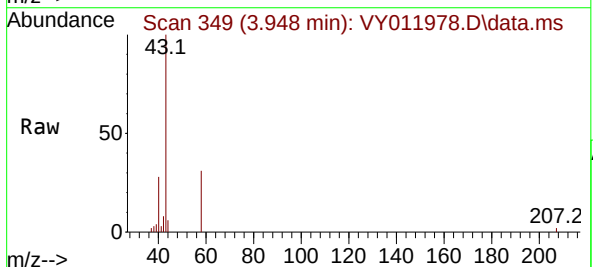
Instrument :
MSVOA_Y
ClientSampleId :
VOC-7-3051

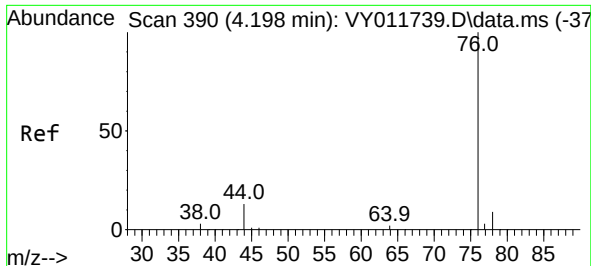
Tgt Ion:168 Resp: 178587
Ion Ratio Lower Upper
168 100
99 54.2 44.0 66.0



#16
Acetone
Concen: 24.745 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY011978.D
Acq: 22 Dec 2022 16:35

Tgt Ion: 43 Resp: 10886
Ion Ratio Lower Upper
43 100
58 31.3 27.9 41.9





#17

Carbon Disulfide

Concen: 5.741 ug/l

RT: 4.192 min Scan# 309

Delta R.T. -0.006 min

Lab File: VY011978.D

Acq: 22 Dec 2022 16:35

Instrument :

MSVOA_Y

ClientSampleId :

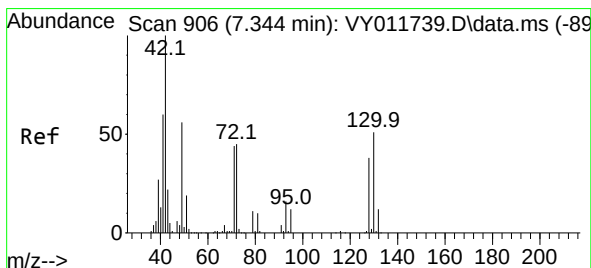
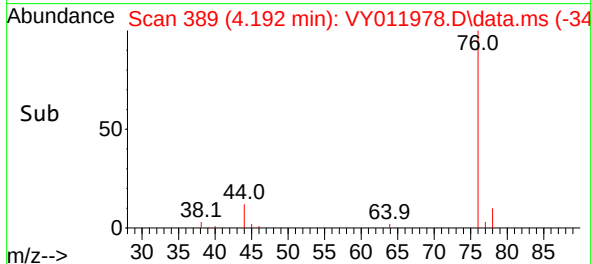
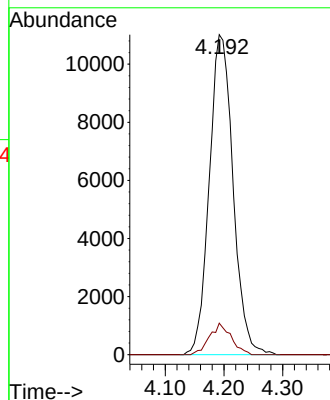
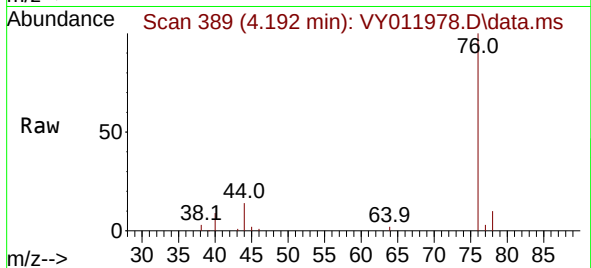
VOC-7-3051

Tgt Ion: 76 Resp: 30942

Ion Ratio Lower Upper

76 100

78 9.9 7.2 10.8



#29

Tetrahydrofuran

Concen: 8.714 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY011978.D

Acq: 22 Dec 2022 16:35

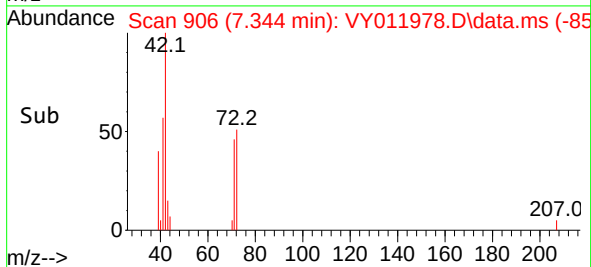
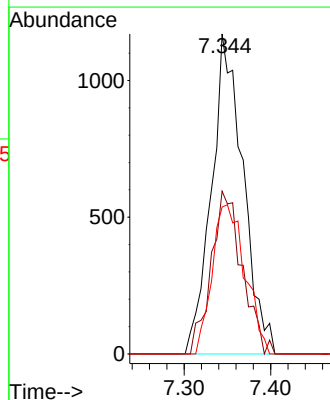
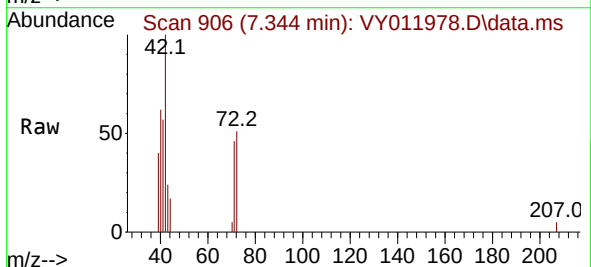
Tgt Ion: 42 Resp: 2959

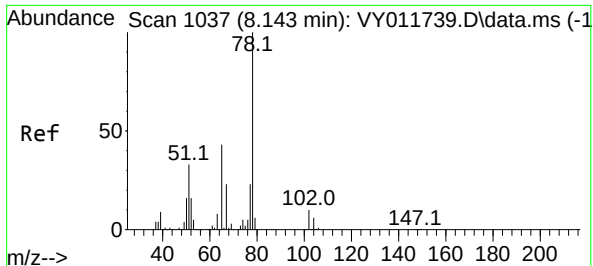
Ion Ratio Lower Upper

42 100

72 49.9 37.0 55.6

71 48.7 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 56.348 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY011978.D

Acq: 22 Dec 2022 16:35

Instrument :

MSVOA_Y

ClientSampleId :

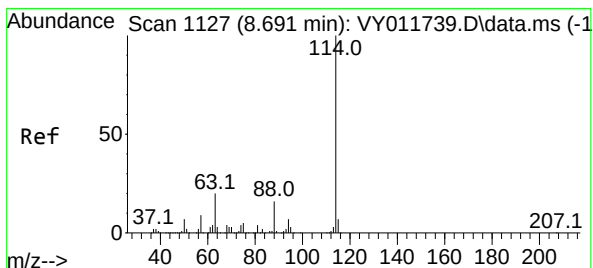
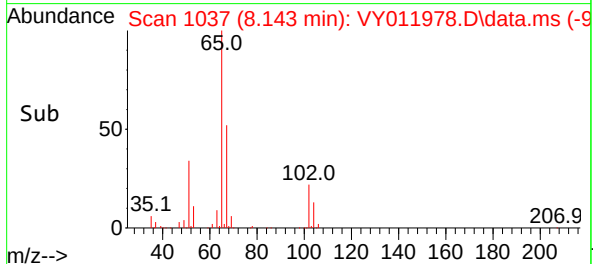
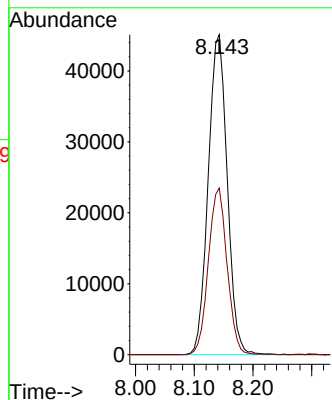
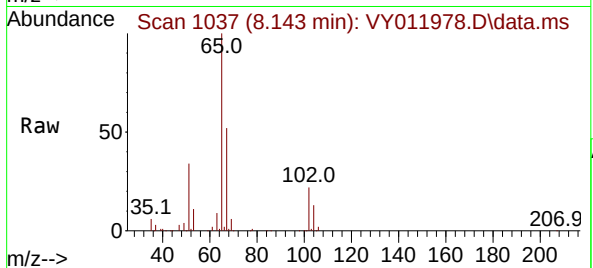
VOC-7-3051

Tgt Ion: 65 Resp: 101383

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: VY011978.D

Acq: 22 Dec 2022 16:35

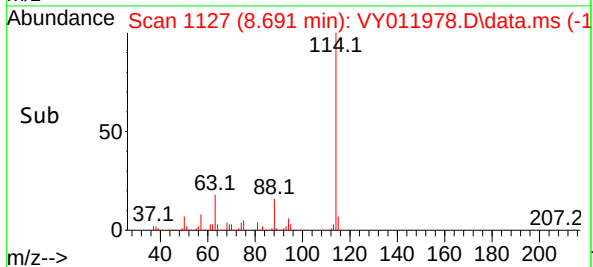
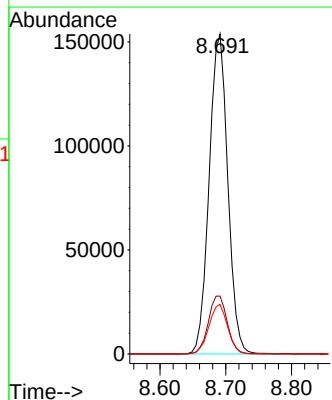
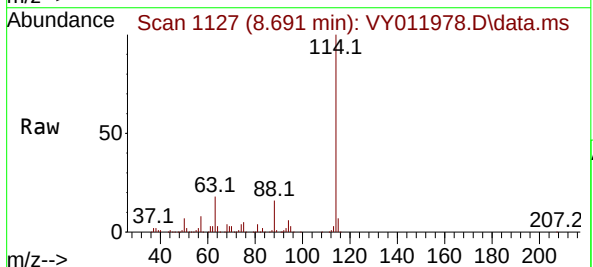
Tgt Ion: 114 Resp: 302958

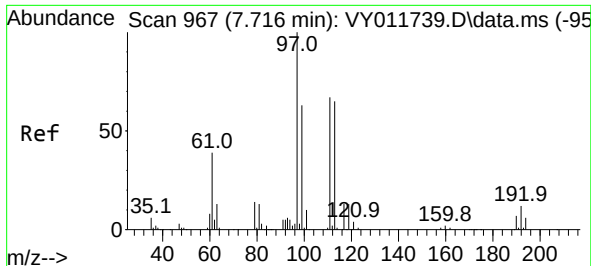
Ion Ratio Lower Upper

114 100

63 18.1 0.0 39.6

88 15.5 0.0 32.2

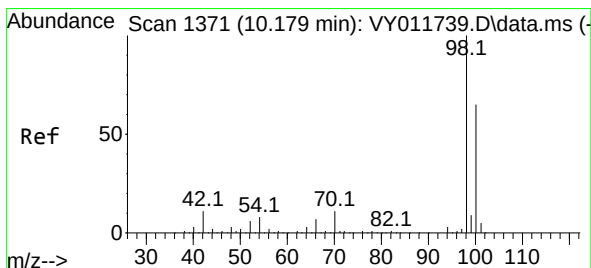
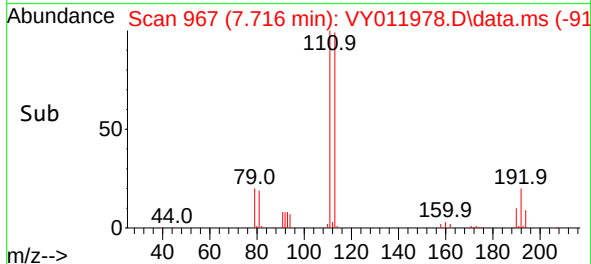
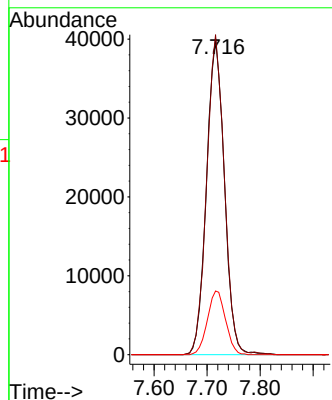
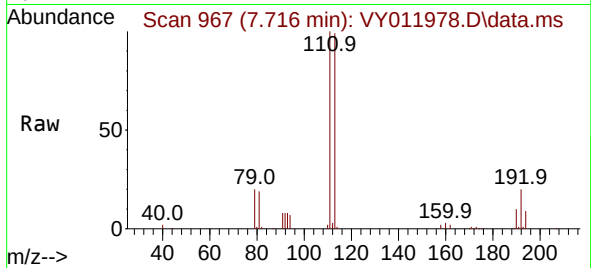




#35
Dibromofluoromethane
Concen: 51.346 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY011978.D
Acq: 22 Dec 2022 16:35

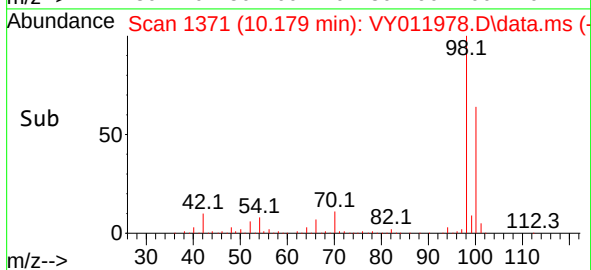
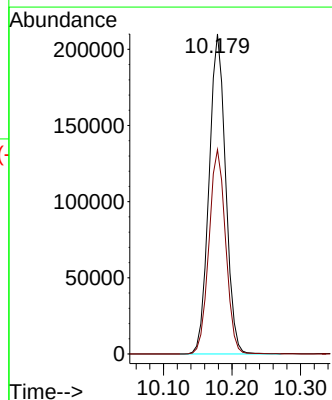
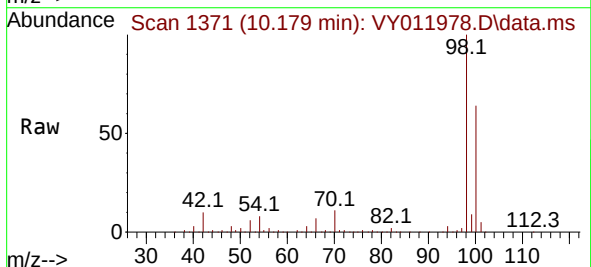
Instrument :
MSVOA_Y
ClientSampleId :
VOC-7-3051

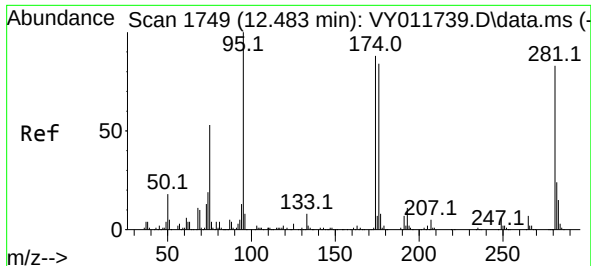
Tgt Ion:113 Resp: 93650
Ion Ratio Lower Upper
113 100
111 100.0 83.0 124.4
192 20.4 16.0 24.0



#50
Toluene-d8
Concen: 47.821 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011978.D
Acq: 22 Dec 2022 16:35

Tgt Ion: 98 Resp: 353877
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 36.858 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY011978.D

Acq: 22 Dec 2022 16:35

Instrument :

MSVOA_Y

ClientSampleId :

VOC-7-3051

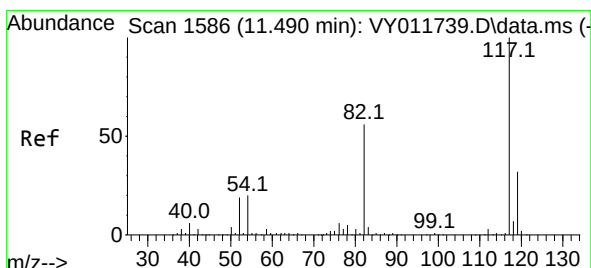
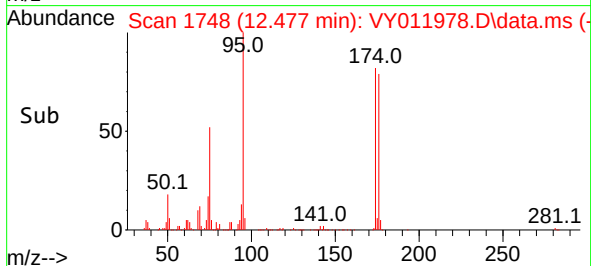
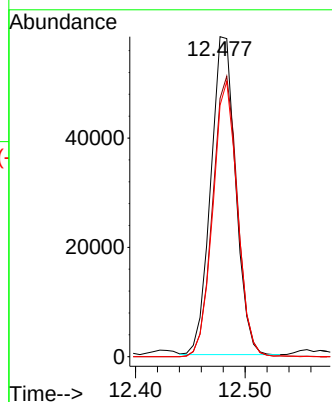
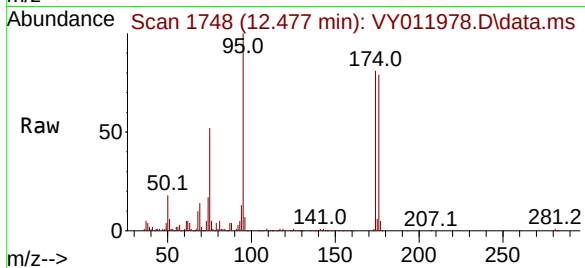
Tgt Ion: 95 Resp: 91731

Ion Ratio Lower Upper

95 100

174 88.1 0.0 172.0

176 85.4 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: VY011978.D

Acq: 22 Dec 2022 16:35

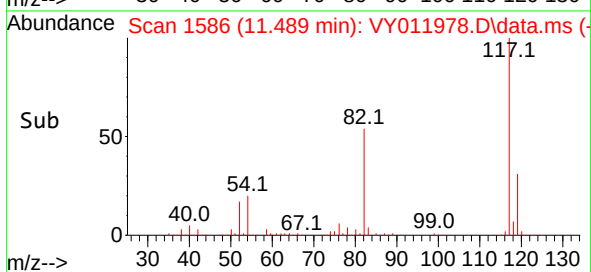
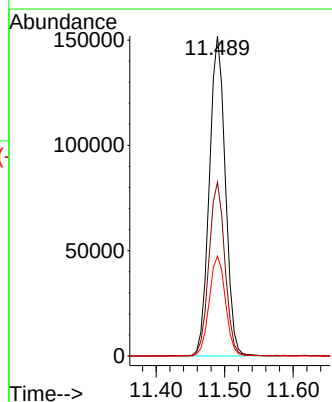
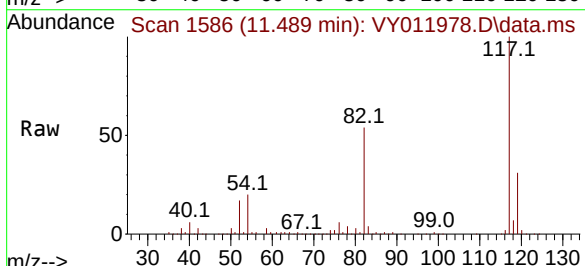
Tgt Ion: 117 Resp: 246191

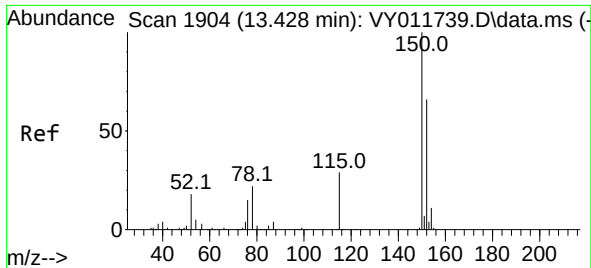
Ion Ratio Lower Upper

117 100

82 54.2 44.8 67.2

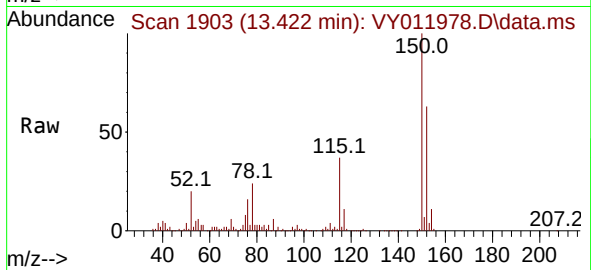
119 31.2 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY011978.D
 Acq: 22 Dec 2022 16:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-7-3051



Tgt Ion:	152	Resp:	81448
Ion Ratio	Lower	Upper	
152	100		
115	58.3	29.1	87.3
150	156.4	0.0	342.6

