

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082522\
 Data File : VY010210.D
 Acq On : 25 Aug 2022 17:52
 Operator : KP/MD
 Sample : N4328-02
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Aug 26 06:48:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082422S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 06:12:05 2022
 Response via : Initial Calibration

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

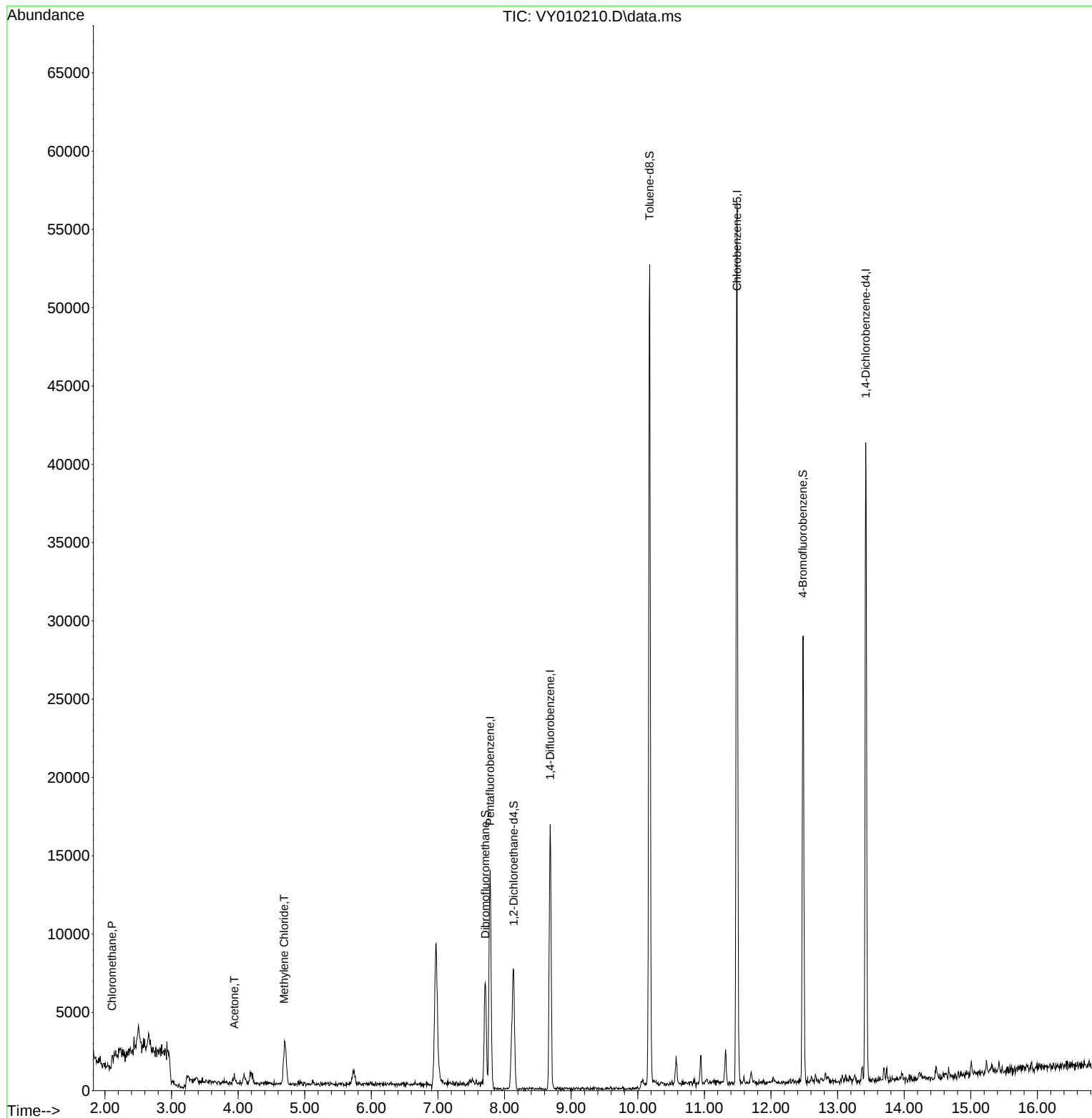
Internal Standards						
1) Pentafluorobenzene	7.783	168	11908	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	15279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	31384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	11178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	4959	49.555	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.120%
35) Dibromofluoromethane	7.710	113	4771	47.625	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.260%
50) Toluene-d8	10.179	98	35223	101.318	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	202.640%#
62) 4-Bromofluorobenzene	12.477	95	8701	65.330	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	130.660%
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	494	4.916	ug/l	97
16) Acetone	3.942	43	559	17.290	ug/l	97
20) Methylene Chloride	4.692	84	2073	7.751	ug/l #	82

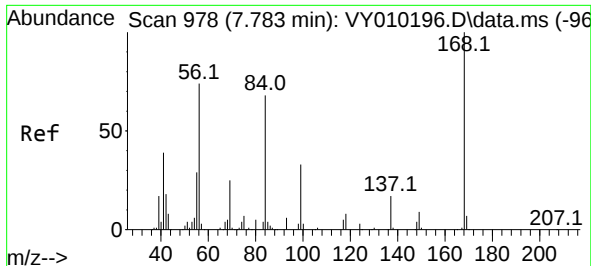
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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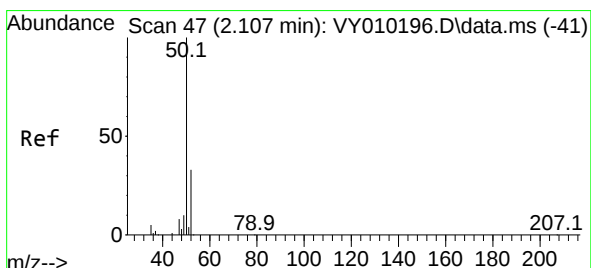
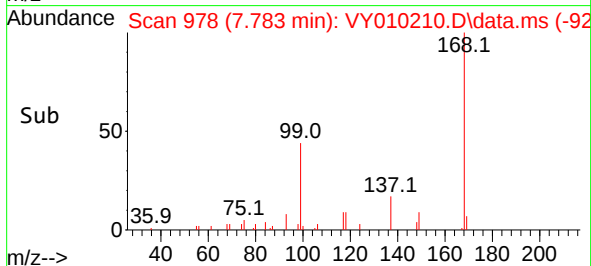
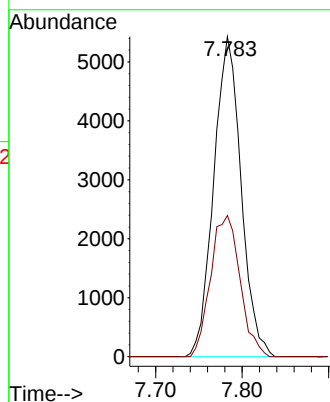
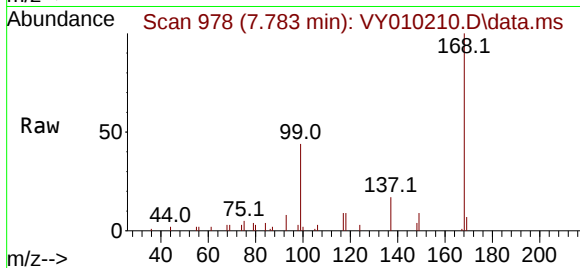




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010210.D
Acq: 25 Aug 2022 17:52

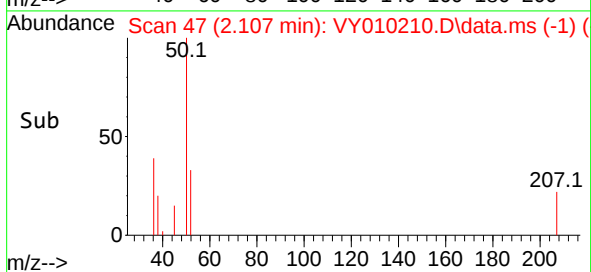
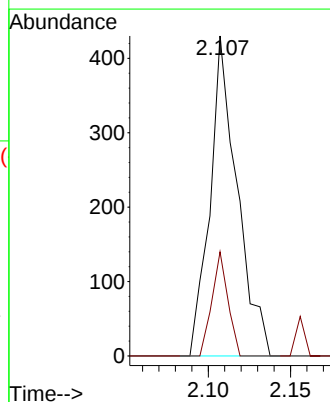
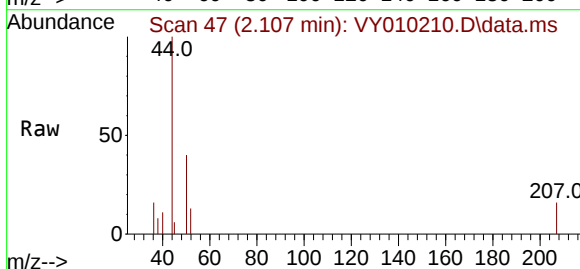
Instrument :
MSVOA_Y
ClientSampleId :
VOC

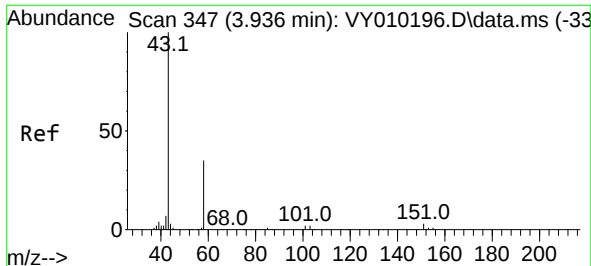
Tgt Ion:168 Resp: 11908
Ion Ratio Lower Upper
168 100
99 44.1 46.9 70.3#



#3
Chloromethane
Concen: 4.916 ug/l
RT: 2.107 min Scan# 47
Delta R.T. 0.000 min
Lab File: VY010210.D
Acq: 25 Aug 2022 17:52

Tgt Ion: 50 Resp: 494
Ion Ratio Lower Upper
50 100
52 32.6 24.6 37.0





#16

Acetone

Concen: 17.290 ug/l

RT: 3.942 min Scan# 347

Delta R.T. 0.006 min

Lab File: VY010210.D

Acq: 25 Aug 2022 17:52

Instrument :

MSVOA_Y

ClientSampleId :

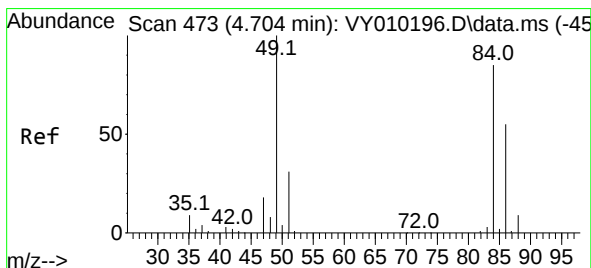
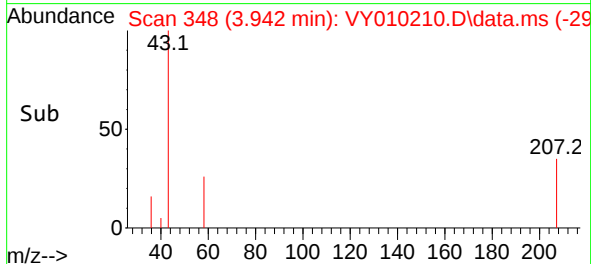
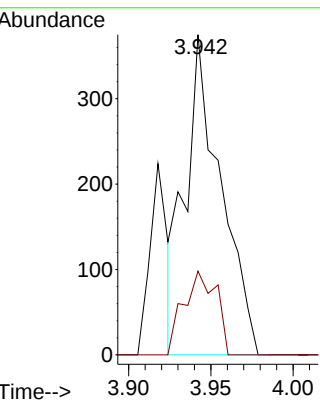
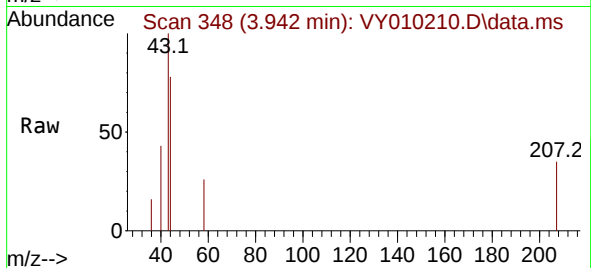
VOC

Tgt Ion: 43 Resp: 559

Ion Ratio Lower Upper

43 100

58 26.1 22.0 33.0



#20

Methylene Chloride

Concen: 7.751 ug/l

RT: 4.692 min Scan# 471

Delta R.T. -0.012 min

Lab File: VY010210.D

Acq: 25 Aug 2022 17:52

Tgt Ion: 84 Resp: 2073

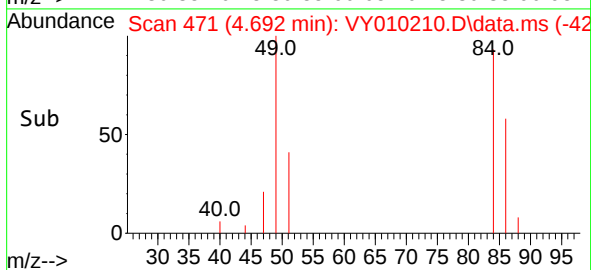
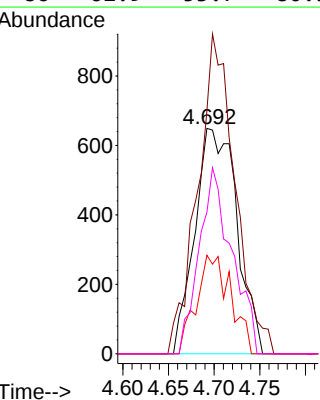
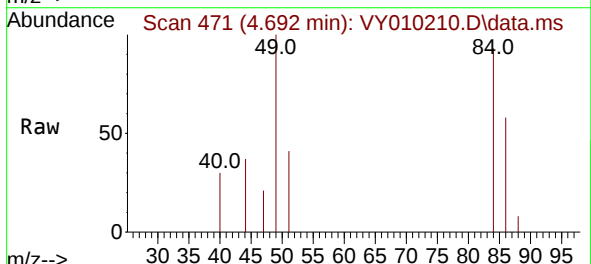
Ion Ratio Lower Upper

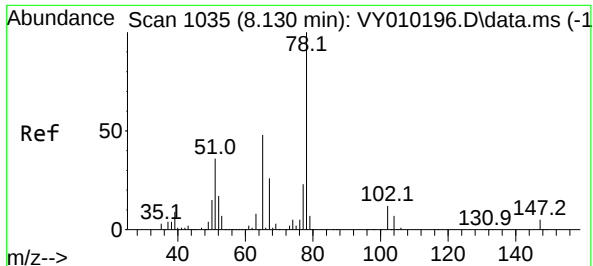
84 100

49 107.9 114.4 171.6#

51 43.8 35.3 52.9

86 62.9 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 49.555 ug/l

RT: 8.137 min Scan# 1103

Delta R.T. 0.007 min

Lab File: VY010210.D

Acq: 25 Aug 2022 17:52

Instrument :

MSVOA_Y

ClientSampleId :

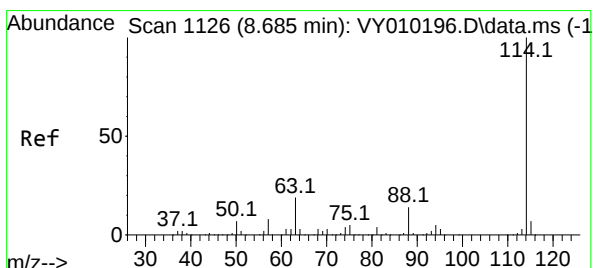
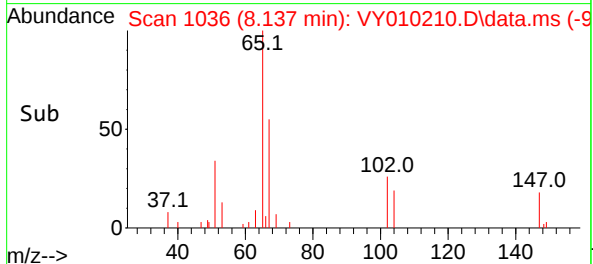
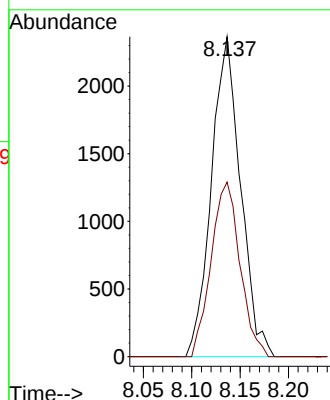
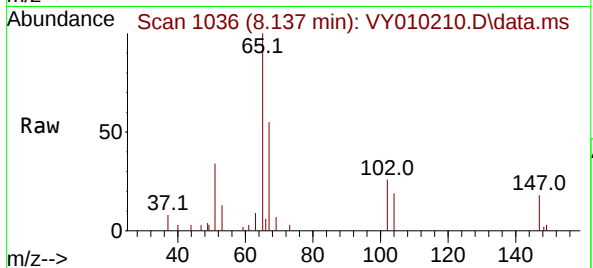
VOC

Tgt Ion: 65 Resp: 4959

Ion Ratio Lower Upper

65 100

67 54.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010210.D

Acq: 25 Aug 2022 17:52

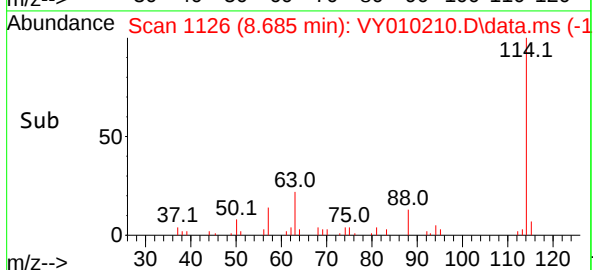
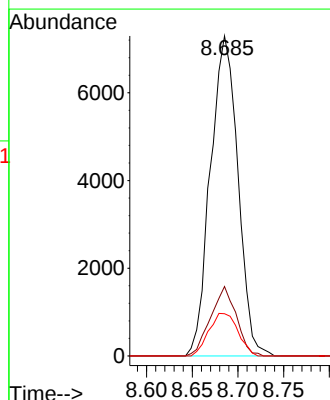
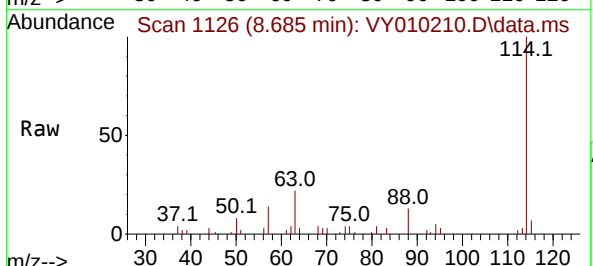
Tgt Ion: 114 Resp: 15279

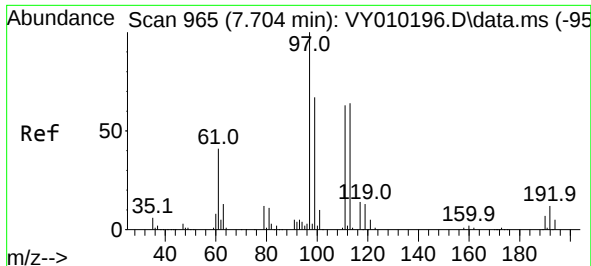
Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.2

88 13.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.625 ug/l

RT: 7.710 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY010210.D

Acq: 25 Aug 2022 17:52

Instrument :

MSVOA_Y

ClientSampleId :

VOC

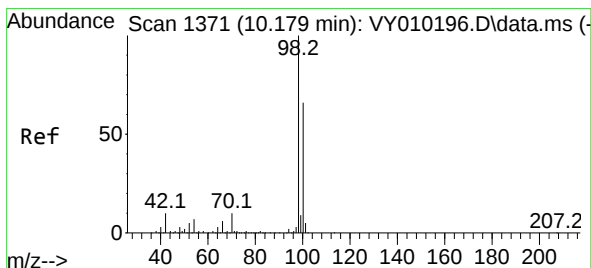
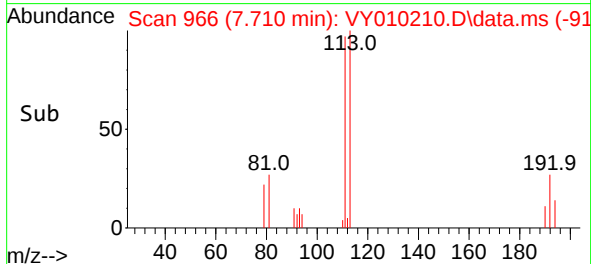
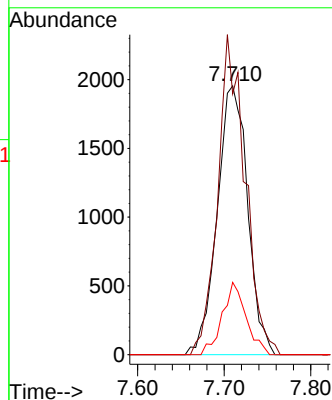
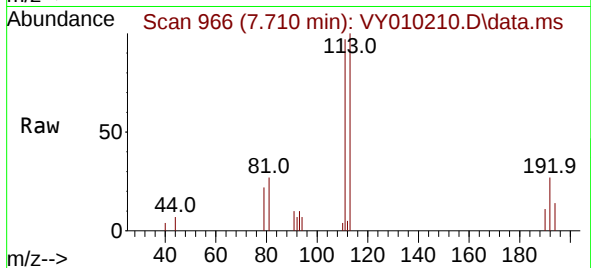
Tgt Ion:113 Resp: 4771

Ion Ratio Lower Upper

113 100

111 106.9 82.6 124.0

192 21.1 17.6 26.4



#50

Toluene-d8

Concen: 101.318 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY010210.D

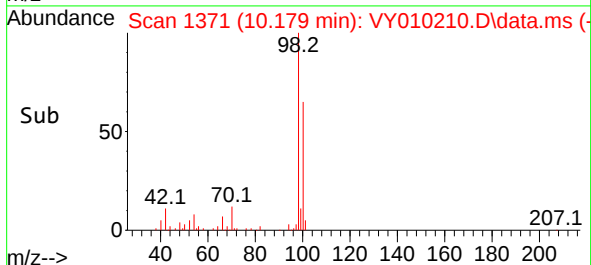
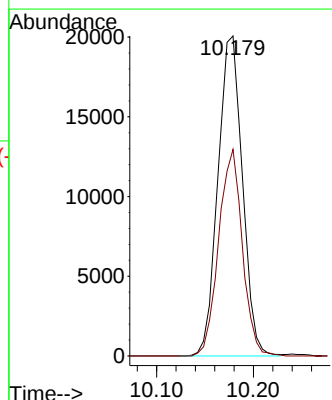
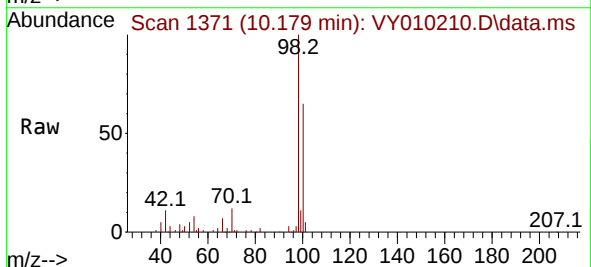
Acq: 25 Aug 2022 17:52

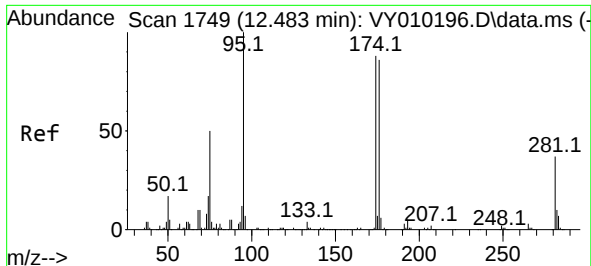
Tgt Ion: 98 Resp: 35223

Ion Ratio Lower Upper

98 100

100 62.4 50.2 75.2

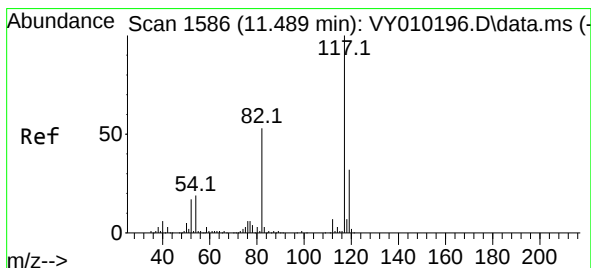
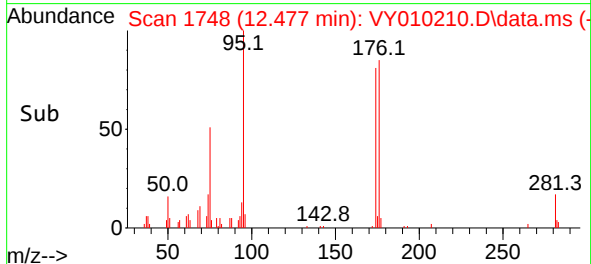
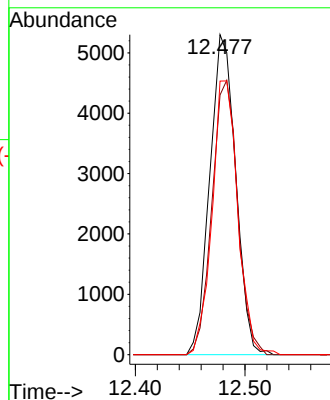
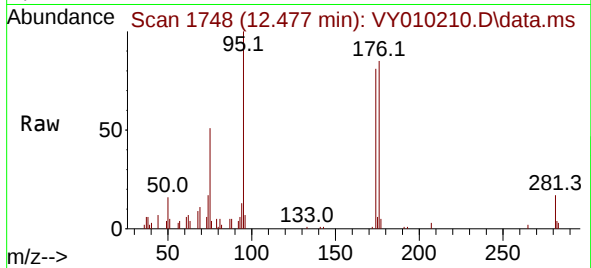




#62
4-Bromofluorobenzene
Concen: 65.330 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010210.D
Acq: 25 Aug 2022 17:52

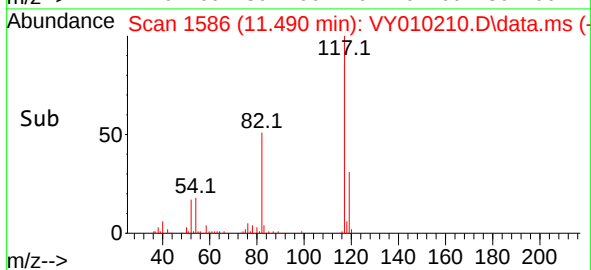
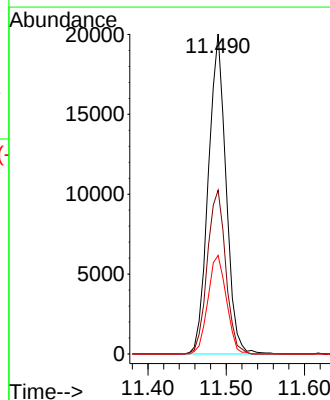
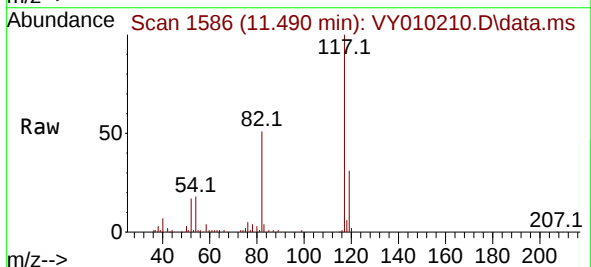
Instrument :
MSVOA_Y
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VOC

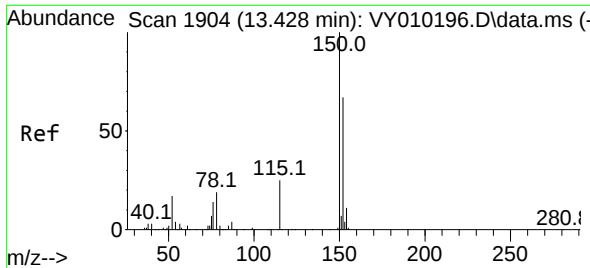
Tgt Ion: 95 Resp: 8701
Ion Ratio Lower Upper
95 100
174 85.1 0.0 177.0
176 84.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY010210.D
Acq: 25 Aug 2022 17:52

Tgt Ion: 117 Resp: 31384
Ion Ratio Lower Upper
117 100
82 51.2 43.0 64.4
119 30.8 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY010210.D
 Acq: 25 Aug 2022 17:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Tgt Ion:152 Resp: 11178
 Ion Ratio Lower Upper
 152 100
 115 53.8 28.2 84.7
 150 157.3 0.0 347.6

