

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011190.D
 Acq On : 29 Oct 2022 05:23
 Operator : KP/MD
 Sample : N5310-14
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BIN 1-2-(2840)-VOC-10

Quant Time: Oct 29 06:48:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 23:42:14 2022
 Response via : Initial Calibration

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

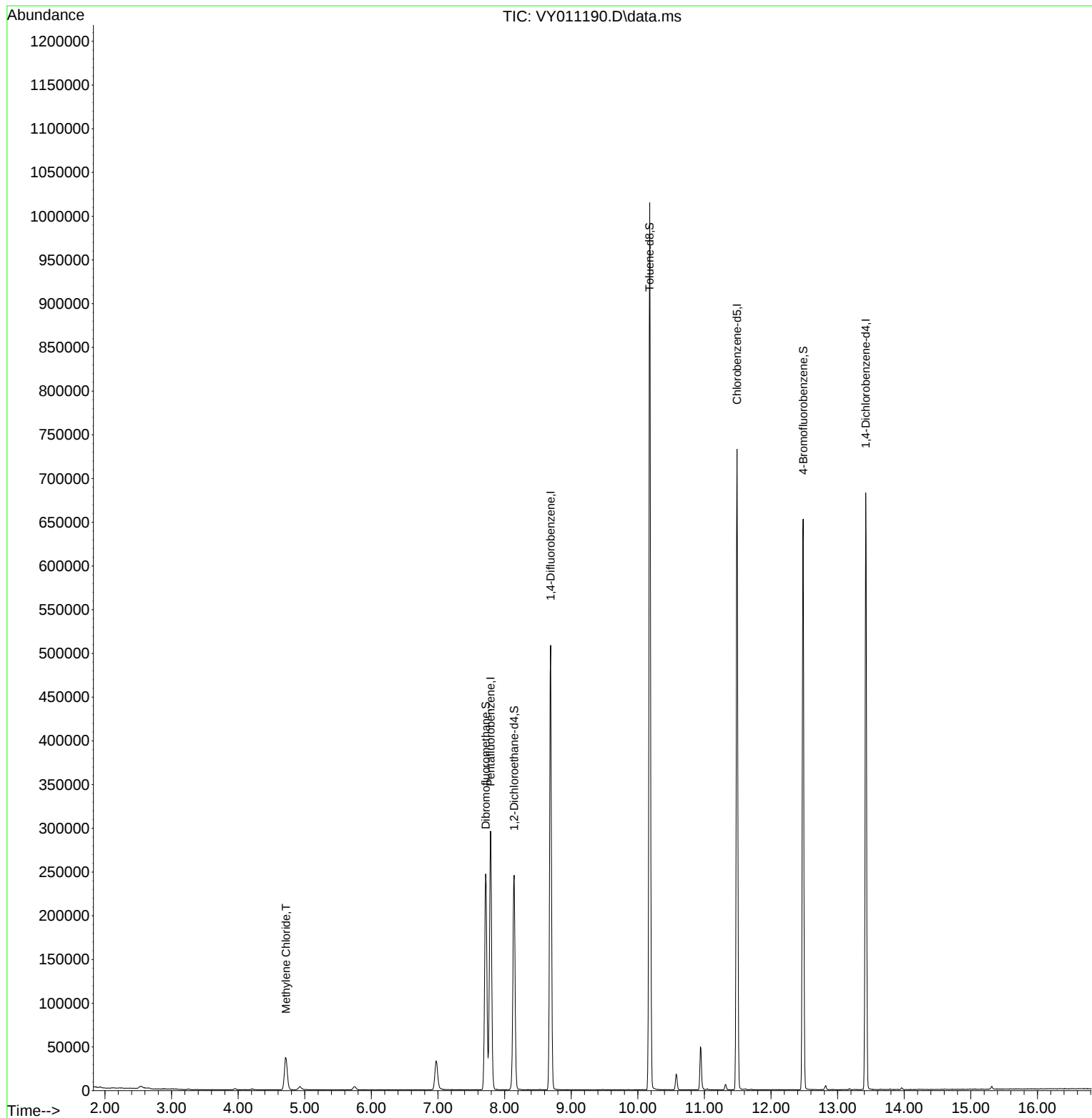
Internal Standards						
1) Pentafluorobenzene	7.789	168	228305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	430808	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	399609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	176830	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	187785	79.546	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 159.100%	
35) Dibromofluoromethane	7.716	113	178779	67.481	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 134.960%	
50) Toluene-d8	10.179	98	648689	61.805	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 123.620%	
62) 4-Bromofluorobenzene	12.483	95	204940	59.675	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 119.340%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	29837	6.661	ug/l	# 83

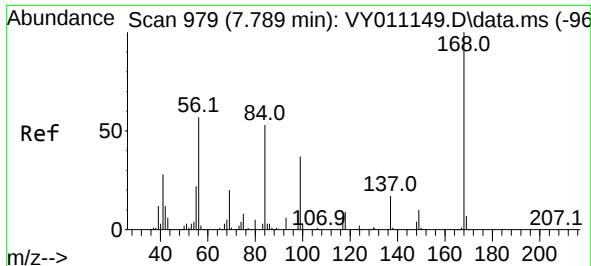
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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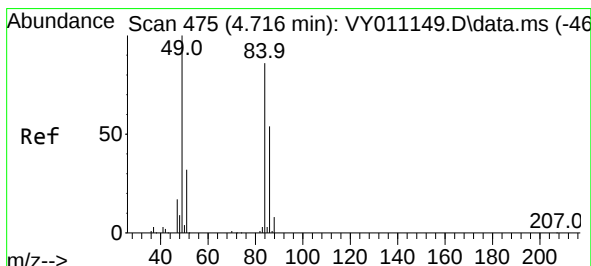
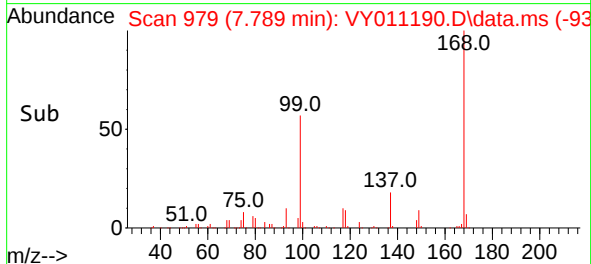
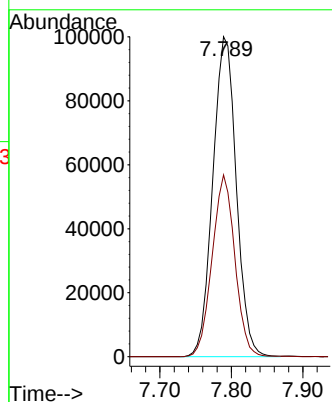
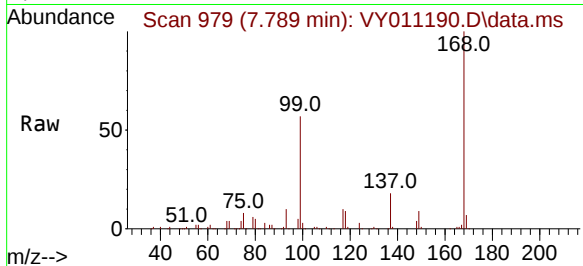




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011190.D
Acq: 29 Oct 2022 05:23

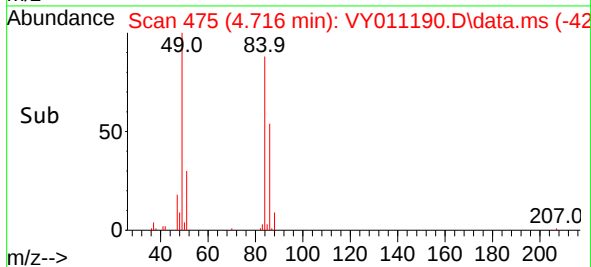
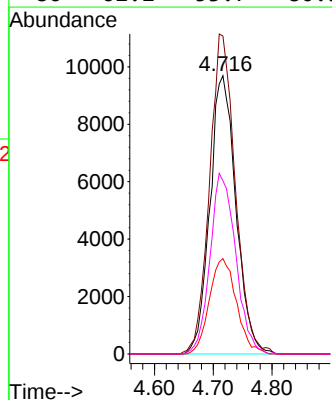
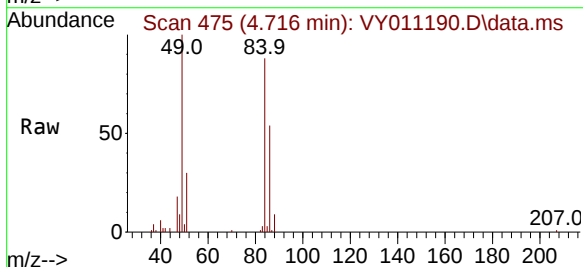
Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-10

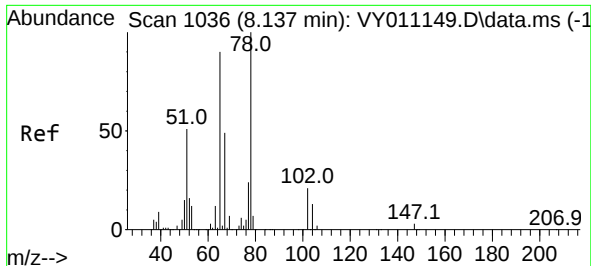
Tgt Ion:168 Resp: 228305
Ion Ratio Lower Upper
168 100
99 56.8 46.9 70.3



#20
Methylene Chloride
Concen: 6.661 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011190.D
Acq: 29 Oct 2022 05:23

Tgt Ion: 84 Resp: 29837
Ion Ratio Lower Upper
84 100
49 114.2 114.4 171.6#
51 34.3 35.3 52.9#
86 62.2 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 79.546 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY011190.D

Acq: 29 Oct 2022 05:23

Instrument :

MSVOA_Y

ClientSampleId :

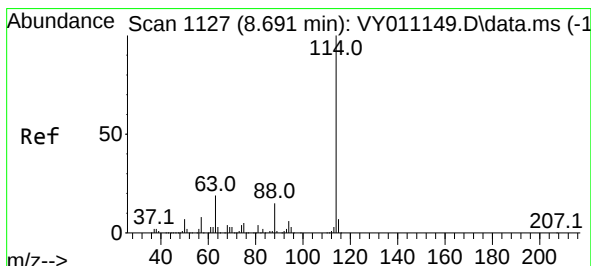
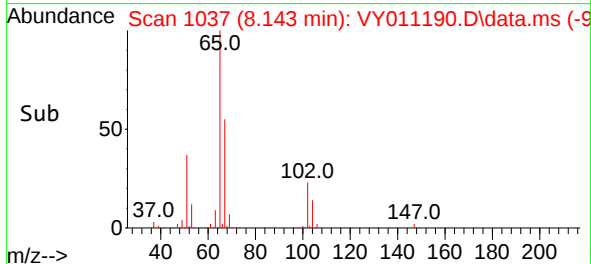
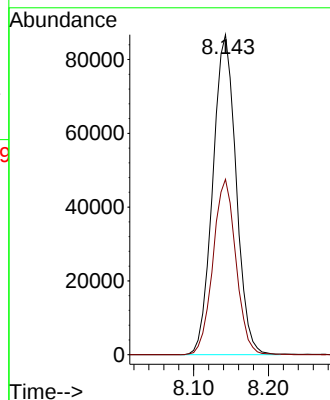
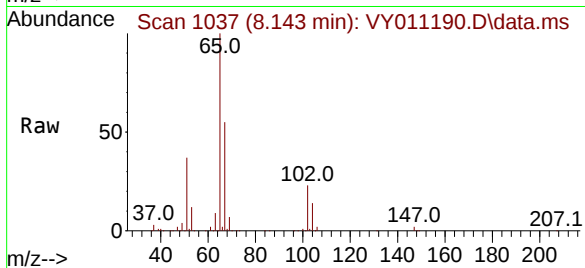
BIN 1-2-(2840)-VOC-10

Tgt Ion: 65 Resp: 187785

Ion Ratio Lower Upper

65 100

67 54.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011190.D

Acq: 29 Oct 2022 05:23

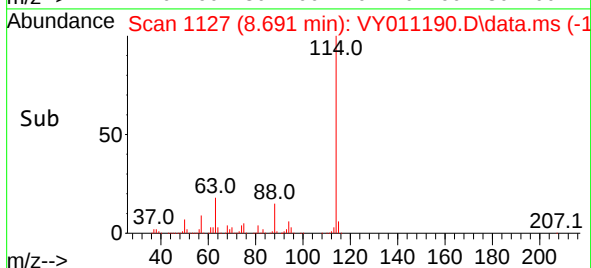
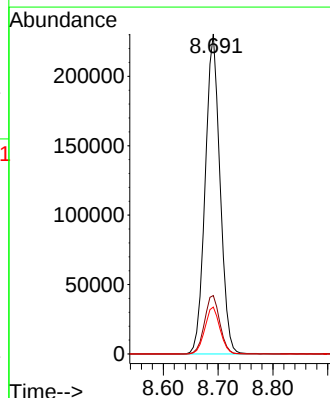
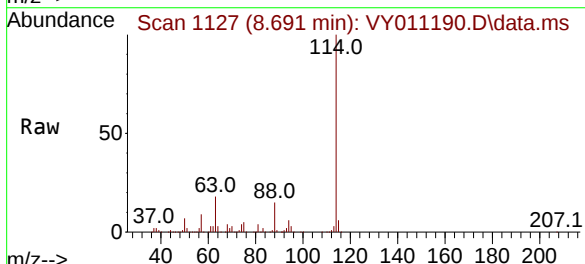
Tgt Ion: 114 Resp: 430808

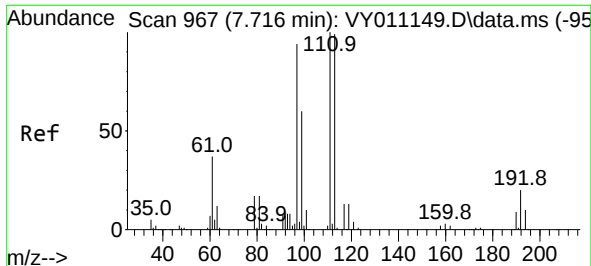
Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 14.6 0.0 31.8

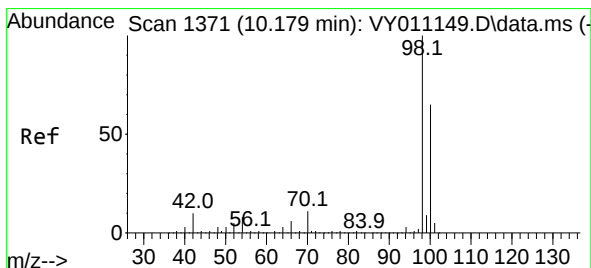
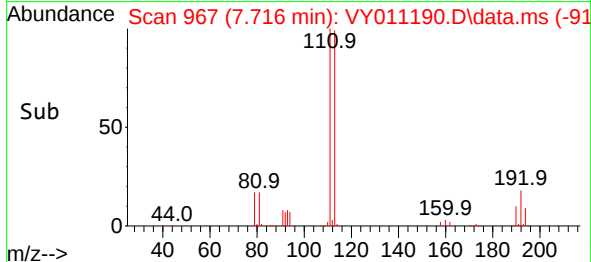
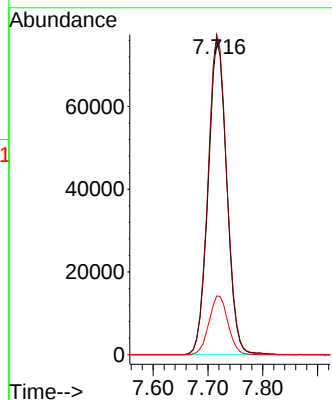
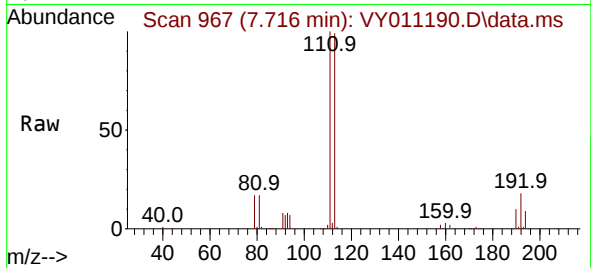




#35
Dibromofluoromethane
Concen: 67.481 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY011190.D
Acq: 29 Oct 2022 05:23

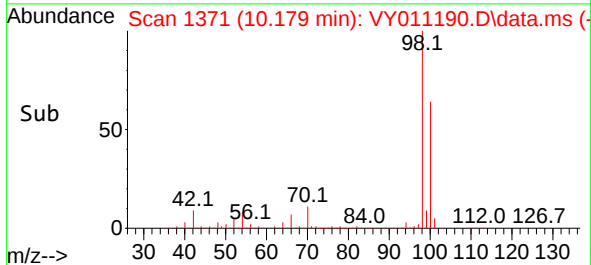
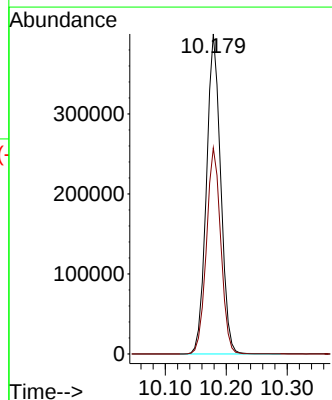
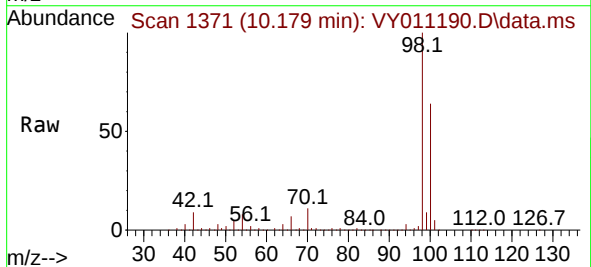
Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-10

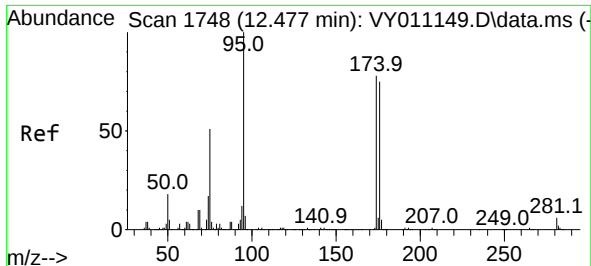
Tgt Ion:113 Resp: 178779
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 19.0 17.6 26.4



#50
Toluene-d8
Concen: 61.805 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011190.D
Acq: 29 Oct 2022 05:23

Tgt Ion: 98 Resp: 648689
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

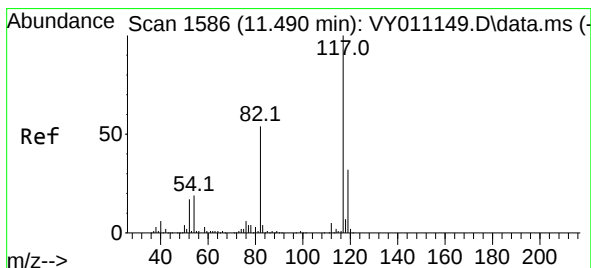
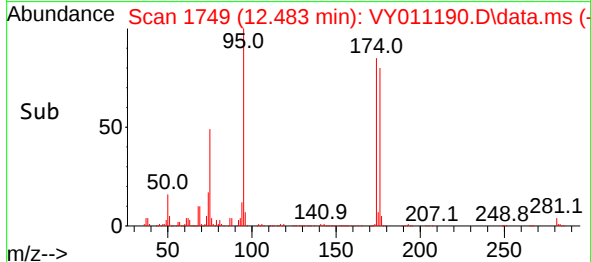
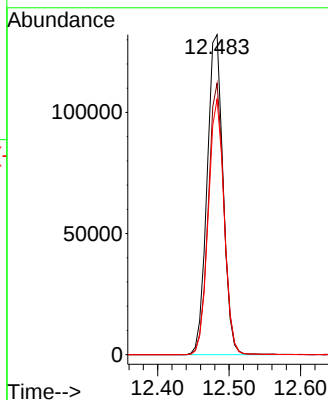
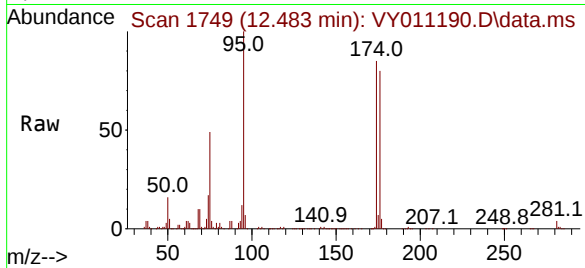




#62
4-Bromofluorobenzene
Concen: 59.675 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY011190.D
Acq: 29 Oct 2022 05:23

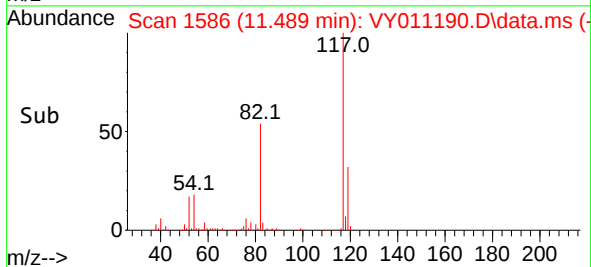
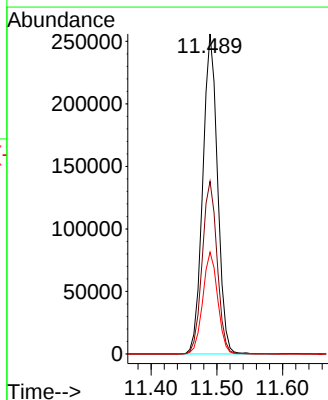
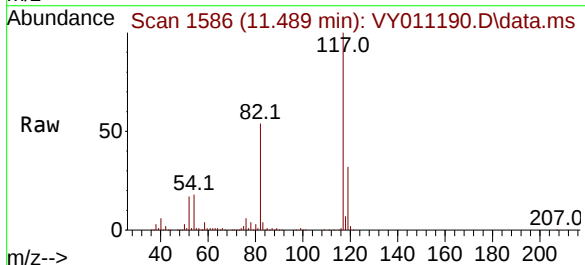
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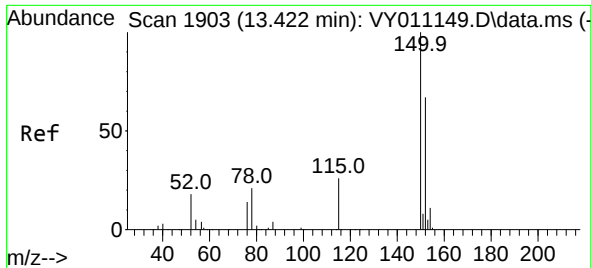
Tgt Ion: 95 Resp: 204940
Ion Ratio Lower Upper
95 100
174 83.5 0.0 177.0
176 79.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011190.D
Acq: 29 Oct 2022 05:23

Tgt Ion: 117 Resp: 399609
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 31.8 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY011190.D

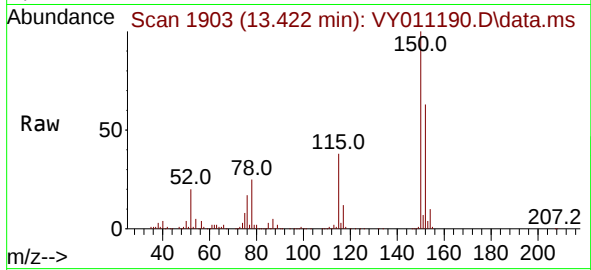
Acq: 29 Oct 2022 05:23

Instrument :

MSVOA_Y

ClientSampleId :

BIN 1-2-(2840)-VOC-10



Tgt Ion:152 Resp: 176830

Ion Ratio Lower Upper

152 100

115 58.6 28.2 84.7

150 155.6 0.0 347.6

