

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011186.D
 Acq On : 29 Oct 2022 03:53
 Operator : KP/MD
 Sample : N5310-10
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BIN 1-2-(2840)-VOC-6

Quant Time: Oct 29 06:47:55 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)

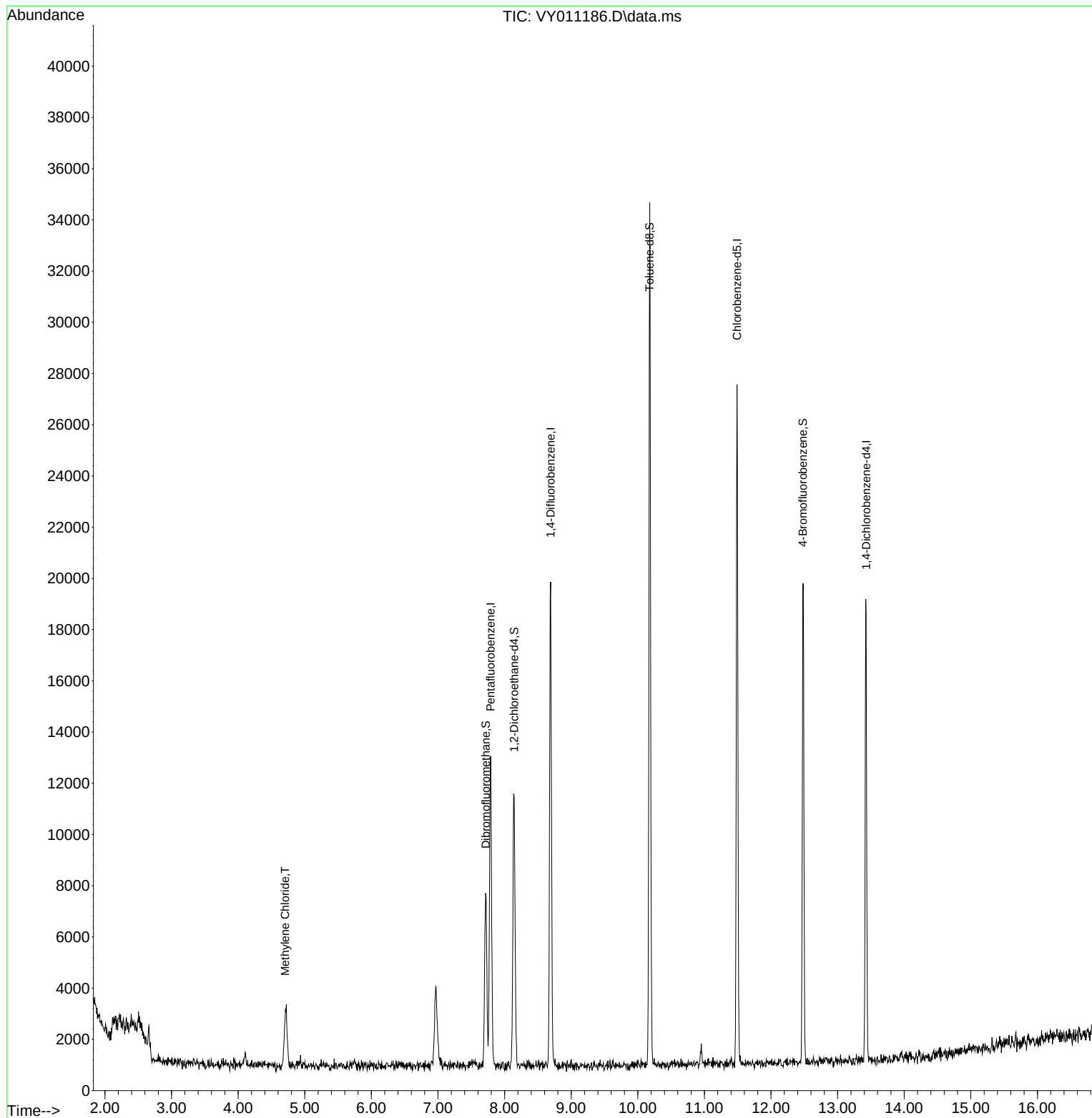
Internal Standards						
1) Pentafluorobenzene	7.789	168	9941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	17295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	15634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	8612	83.781	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 167.560%#	
35) Dibromofluoromethane	7.716	113	5209	48.976	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.960%	
50) Toluene-d8	10.179	98	23162	54.970	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.940%	
62) 4-Bromofluorobenzene	12.477	95	6200	44.970	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.940%	
Target Compounds						
20) Methylene Chloride	4.704	84	1767	11.871	ug/l	Qvalue # 71

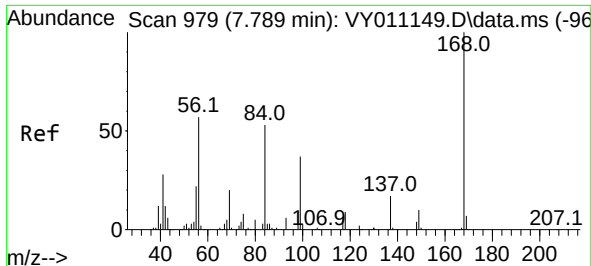
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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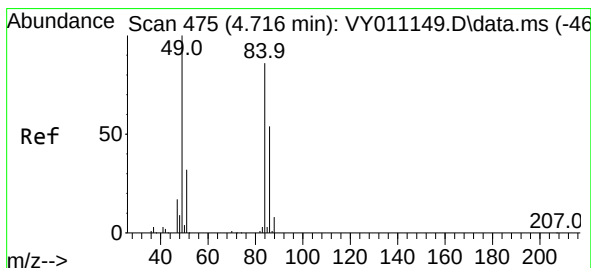
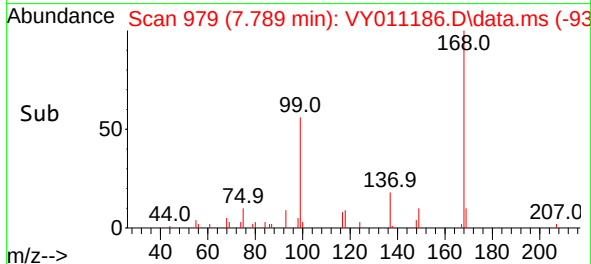
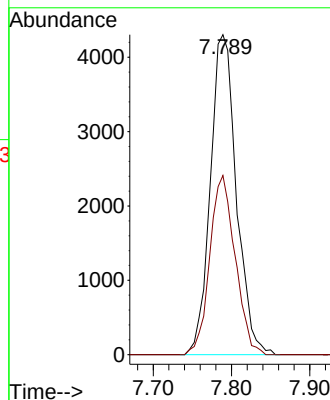
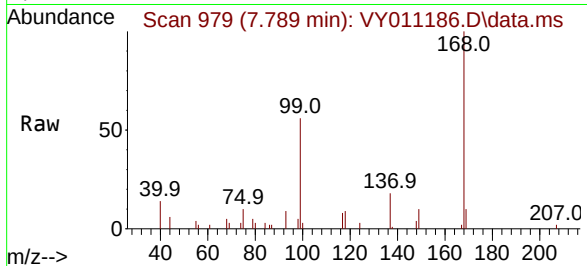




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011186.D
Acq: 29 Oct 2022 03:53

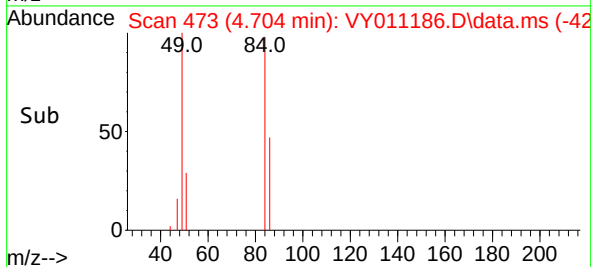
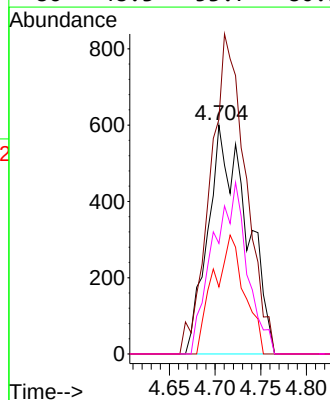
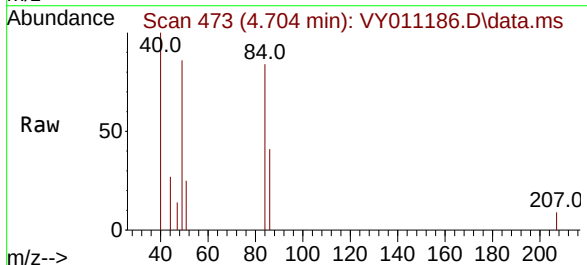
Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-6

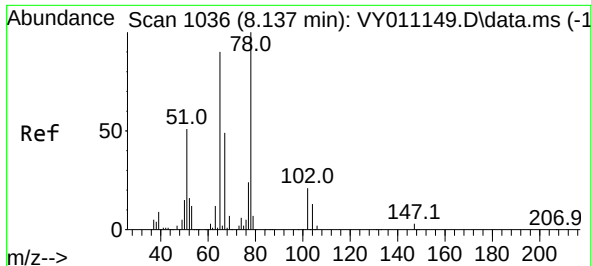
Tgt Ion:168 Resp: 9941
Ion Ratio Lower Upper
168 100
99 56.0 46.9 70.3



#20
Methylene Chloride
Concen: 11.871 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY011186.D
Acq: 29 Oct 2022 03:53

Tgt Ion: 84 Resp: 1767
Ion Ratio Lower Upper
84 100
49 102.5 114.4 171.6#
51 29.3 35.3 52.9#
86 48.3 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 83.781 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY011186.D

Acq: 29 Oct 2022 03:53

Instrument :

MSVOA_Y

ClientSampleId :

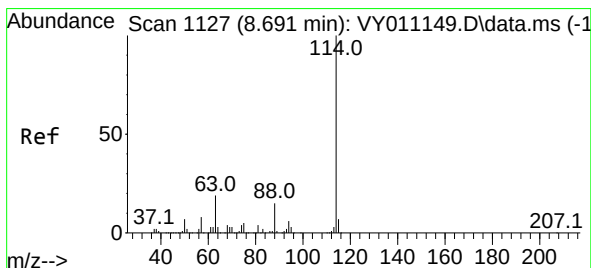
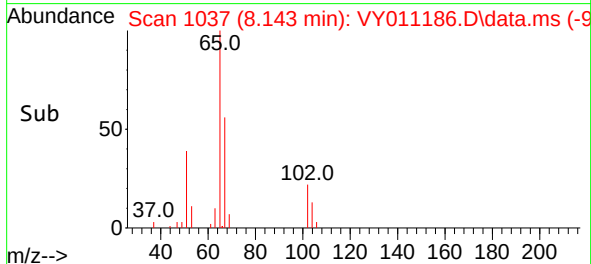
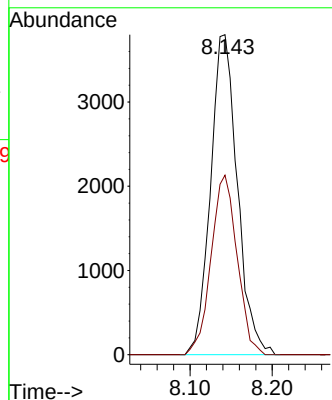
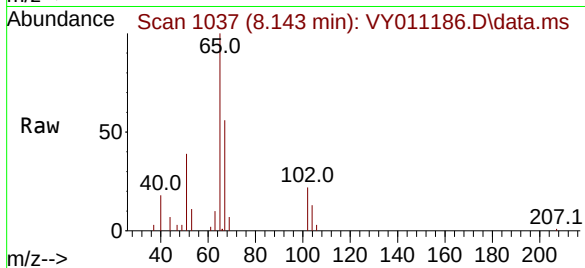
BIN 1-2-(2840)-VOC-6

Tgt Ion: 65 Resp: 8612

Ion Ratio Lower Upper

65 100

67 54.4 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: VY011186.D

Acq: 29 Oct 2022 03:53

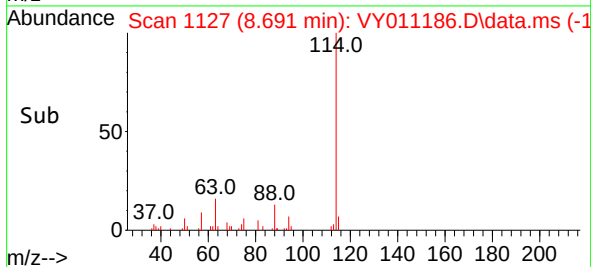
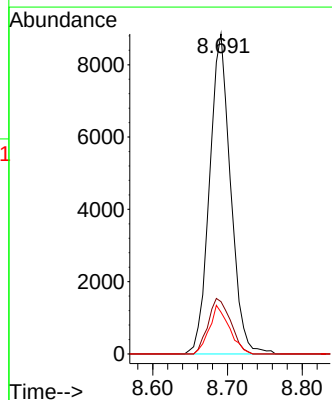
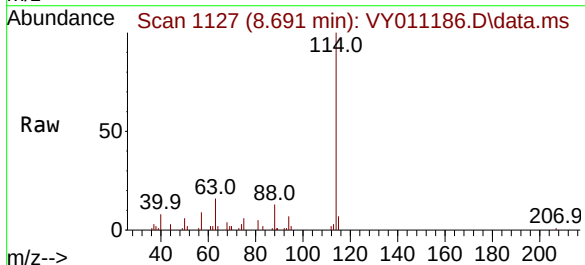
Tgt Ion: 114 Resp: 17295

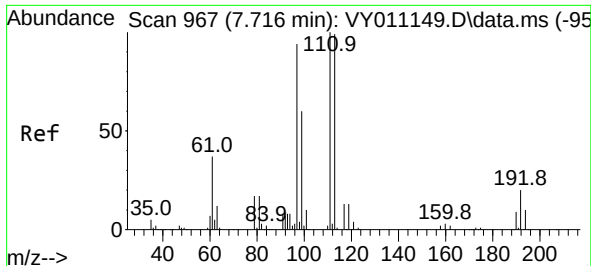
Ion Ratio Lower Upper

114 100

63 16.3 0.0 43.2

88 13.1 0.0 31.8

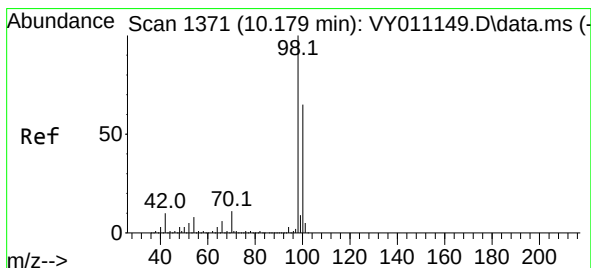
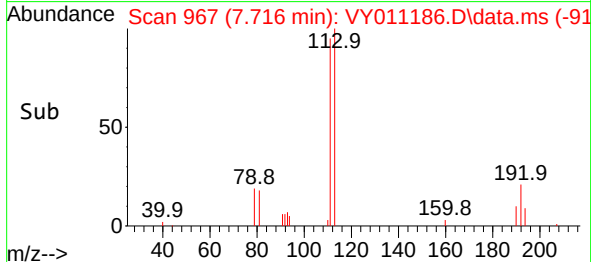
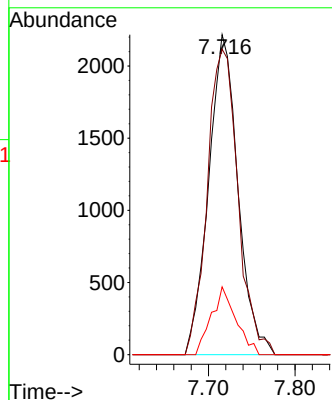
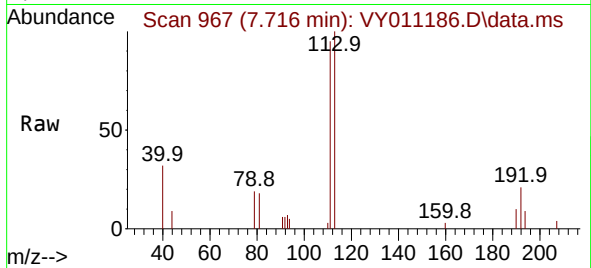




#35
Dibromofluoromethane
Concen: 48.976 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY011186.D
Acq: 29 Oct 2022 03:53

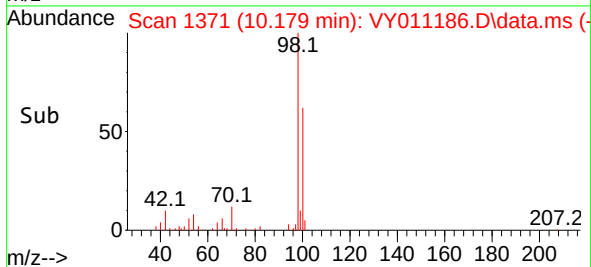
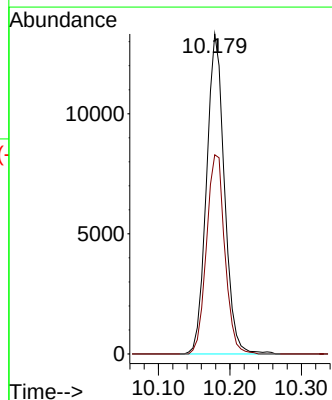
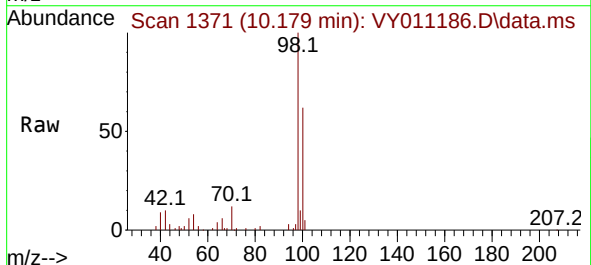
Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-6

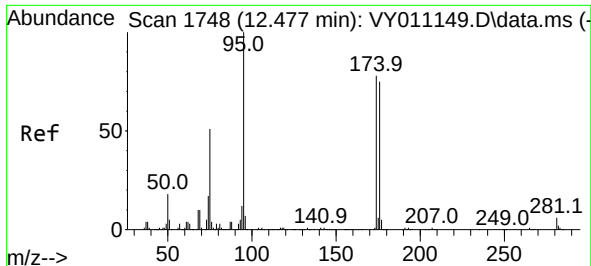
Tgt Ion:113 Resp: 5209
Ion Ratio Lower Upper
113 100
111 100.0 82.6 124.0
192 17.8 17.6 26.4



#50
Toluene-d8
Concen: 54.970 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011186.D
Acq: 29 Oct 2022 03:53

Tgt Ion: 98 Resp: 23162
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2

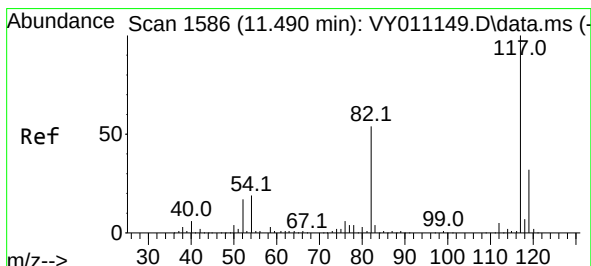
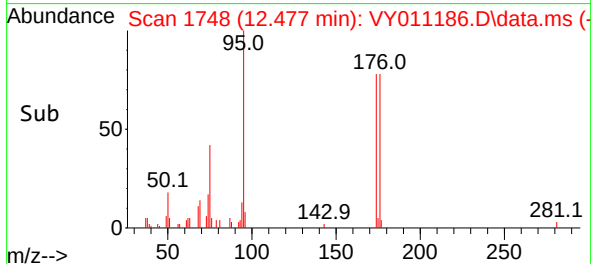
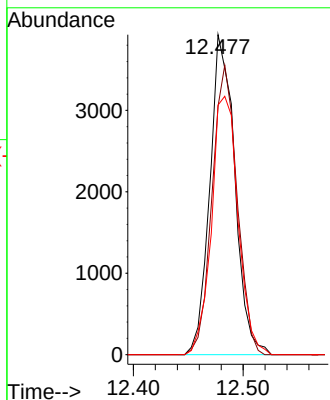
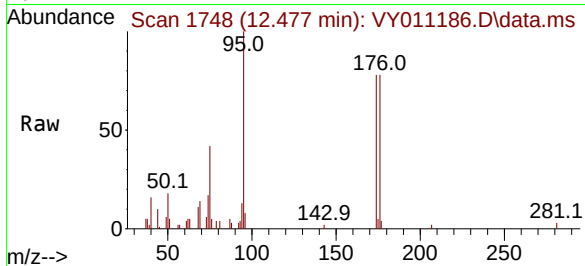




#62
4-Bromofluorobenzene
Concen: 44.970 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY011186.D
Acq: 29 Oct 2022 03:53

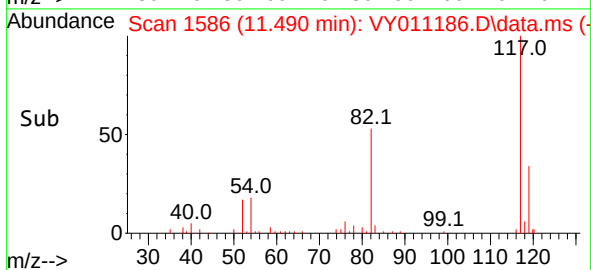
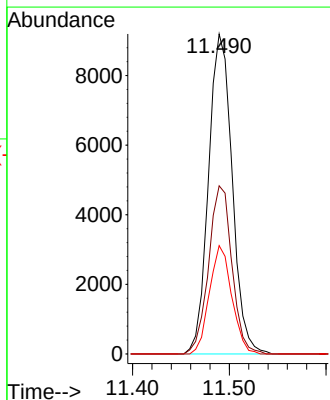
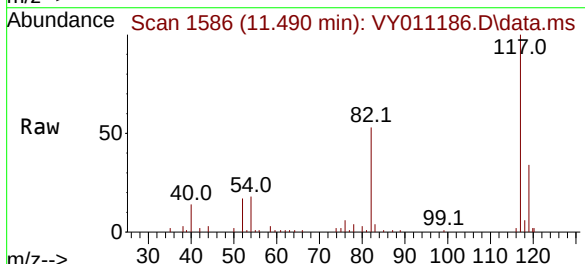
Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-6

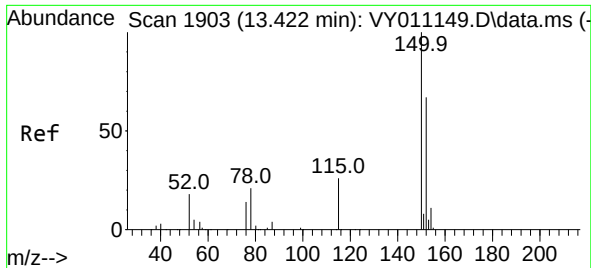
Tgt Ion: 95 Resp: 6200
Ion Ratio Lower Upper
95 100
174 90.8 0.0 177.0
176 86.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011186.D
Acq: 29 Oct 2022 03:53

Tgt Ion: 117 Resp: 15634
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 33.8 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY011186.D

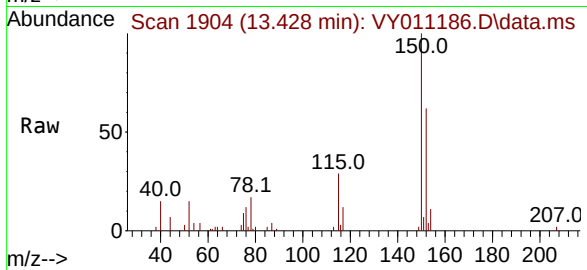
Acq: 29 Oct 2022 03:53

Instrument :

MSVOA_Y

ClientSampleId :

BIN 1-2-(2840)-VOC-6



Tgt Ion:152 Resp: 5120

Ion Ratio Lower Upper

152 100

115 56.0 28.2 84.7

150 159.7 0.0 347.6

