

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011188.D
 Acq On : 29 Oct 2022 04:38
 Operator : KP/MD
 Sample : N5310-12
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BIN 1-2-(2840)-VOC-8

Quant Time: Oct 29 06:48:18 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)

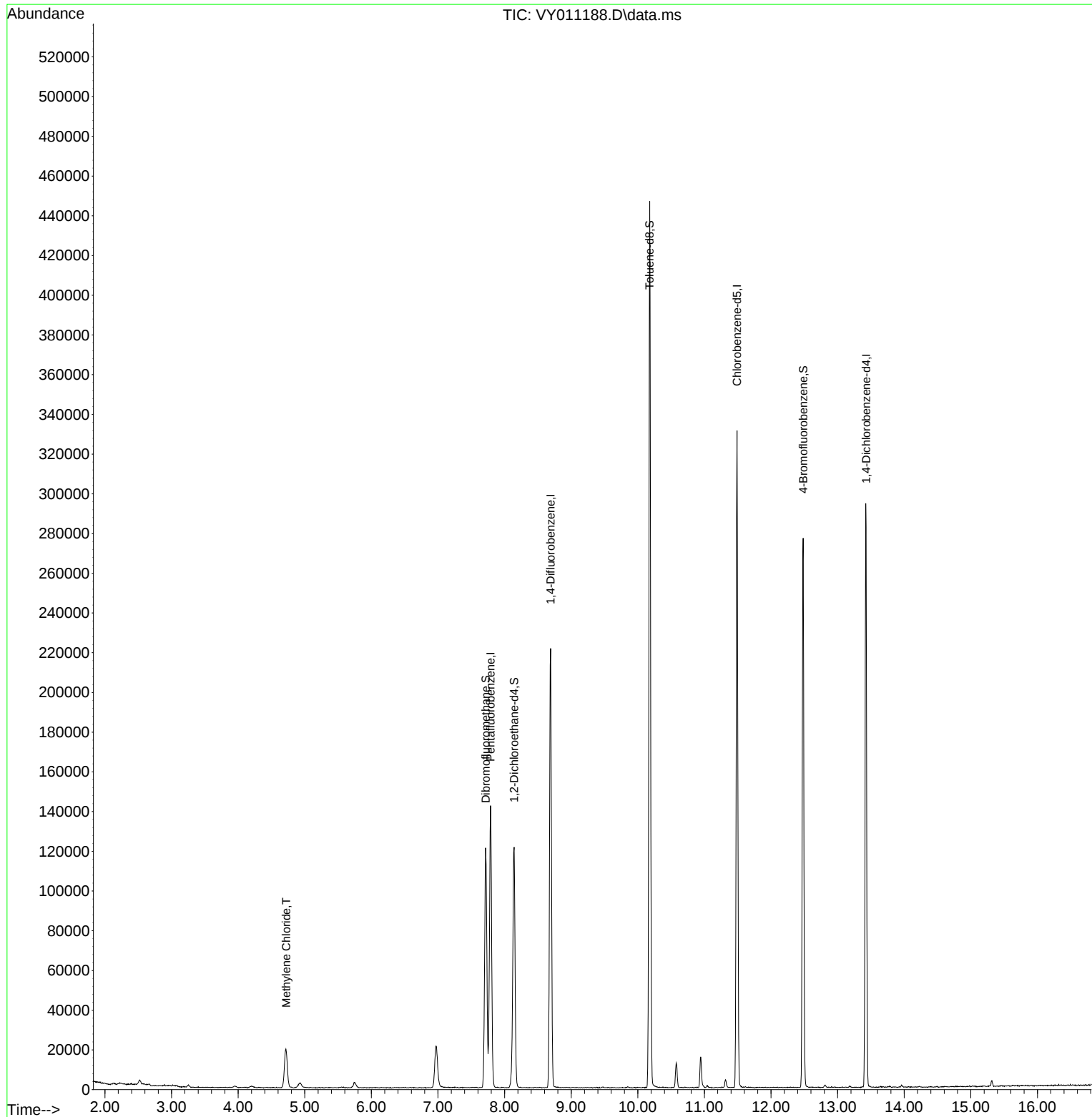
Internal Standards						
1) Pentafluorobenzene	7.789	168	109826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	197020	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	185880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	77380	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	92310	81.286	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	162.580%
35) Dibromofluoromethane	7.716	113	87180	71.955	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	143.900%
50) Toluene-d8	10.179	98	298313	62.149	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	124.300%
62) 4-Bromofluorobenzene	12.483	95	89161	56.769	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	113.540%
Target Compounds						
20) Methylene Chloride	4.722	84	15221	7.536	ug/l	# 78

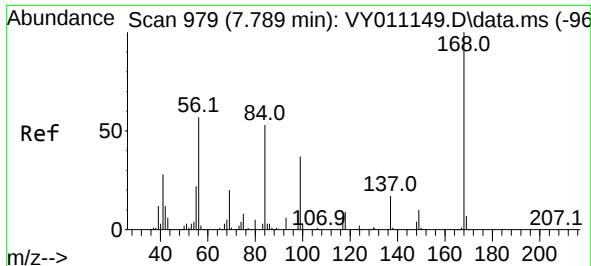
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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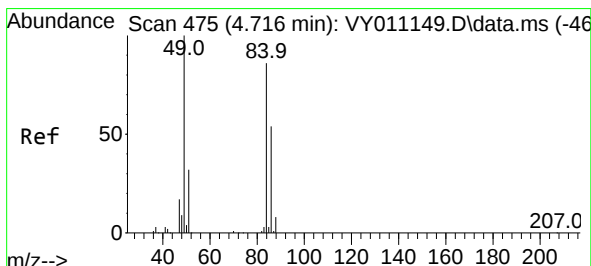
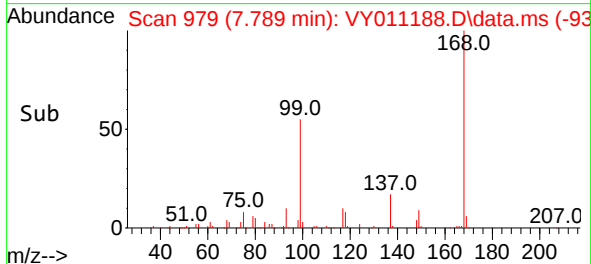
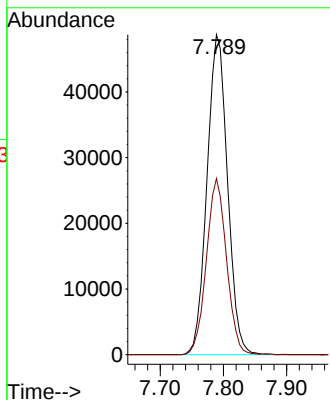
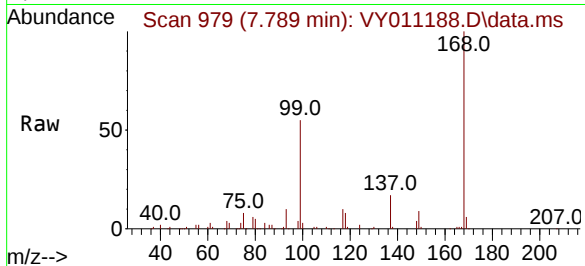




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011188.D
Acq: 29 Oct 2022 04:38

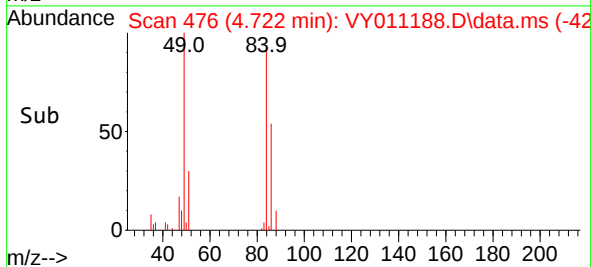
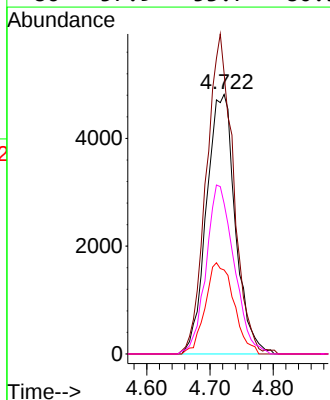
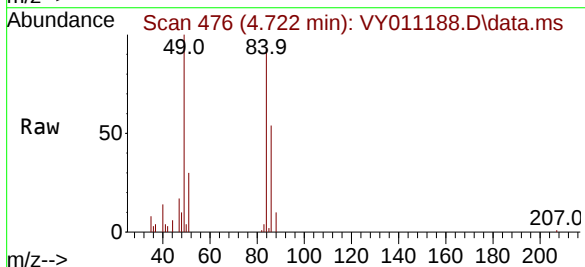
Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-8

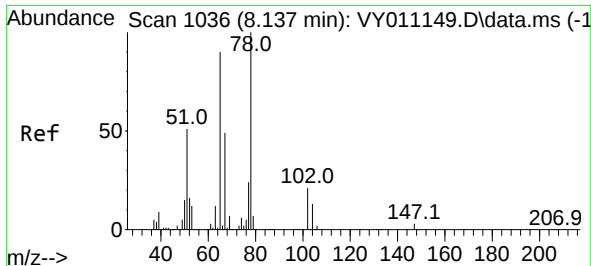
Tgt Ion:168 Resp: 109826
Ion Ratio Lower Upper
168 100
99 55.0 46.9 70.3



#20
Methylene Chloride
Concen: 7.536 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY011188.D
Acq: 29 Oct 2022 04:38

Tgt Ion: 84 Resp: 15221
Ion Ratio Lower Upper
84 100
49 108.1 114.4 171.6#
51 32.4 35.3 52.9#
86 57.9 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 81.286 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY011188.D

Acq: 29 Oct 2022 04:38

Instrument :

MSVOA_Y

ClientSampleId :

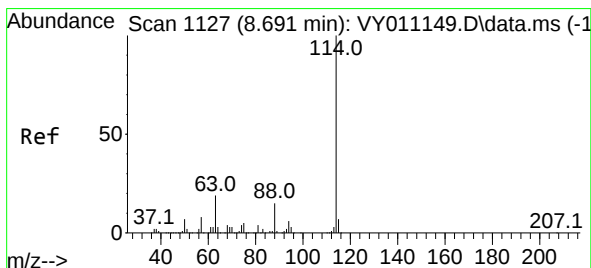
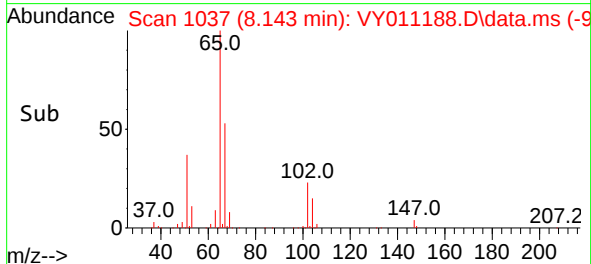
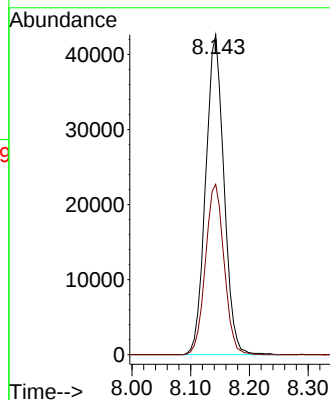
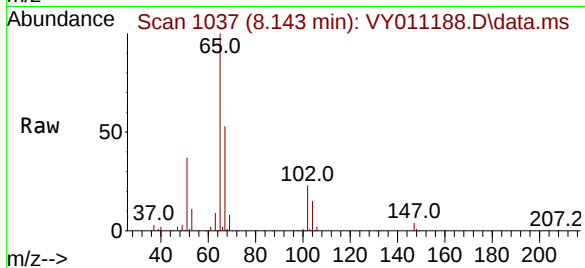
BIN 1-2-(2840)-VOC-8

Tgt Ion: 65 Resp: 92310

Ion Ratio Lower Upper

65 100

67 54.3 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: VY011188.D

Acq: 29 Oct 2022 04:38

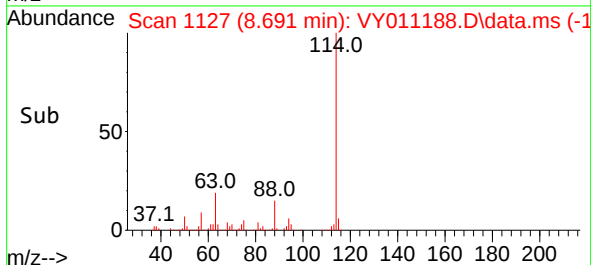
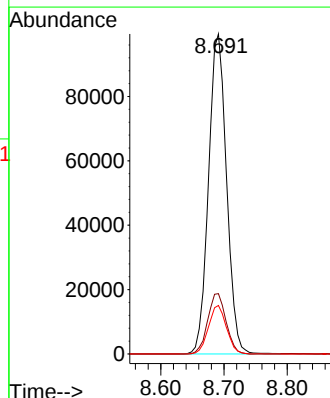
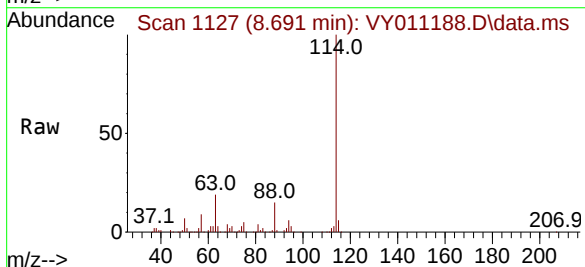
Tgt Ion: 114 Resp: 197020

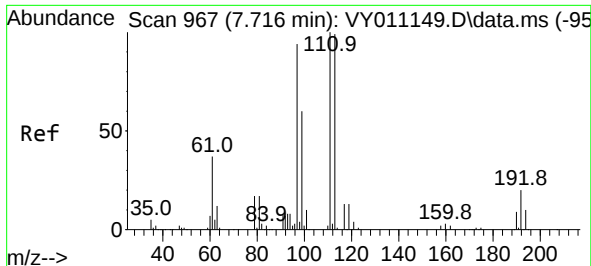
Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 15.1 0.0 31.8

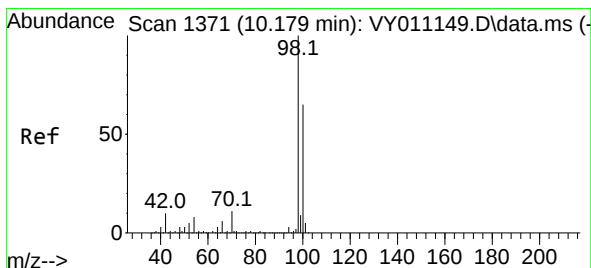
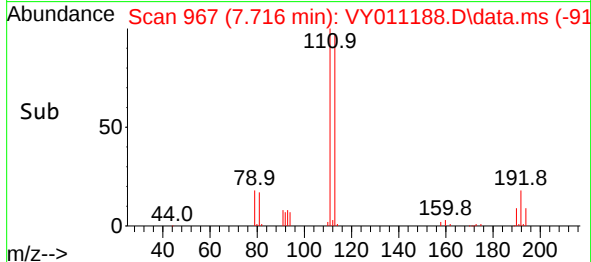
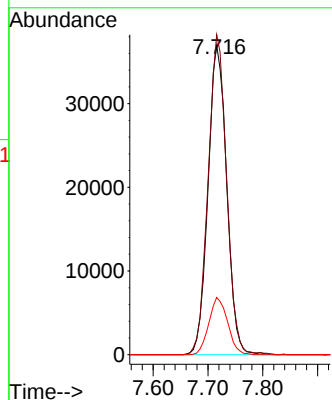
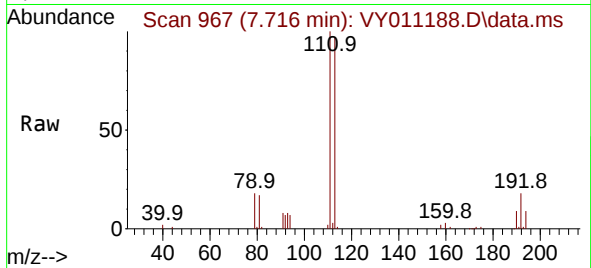




#35
Dibromofluoromethane
Concen: 71.955 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011188.D
Acq: 29 Oct 2022 04:38

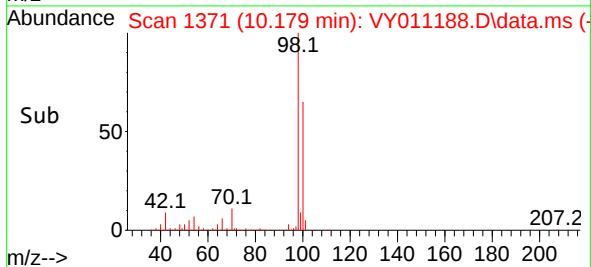
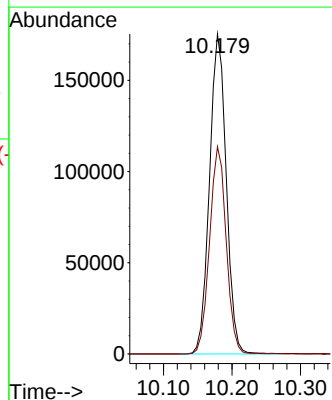
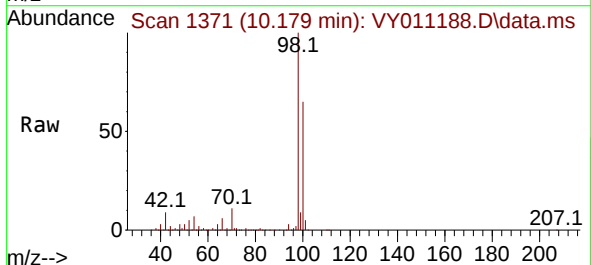
Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-8

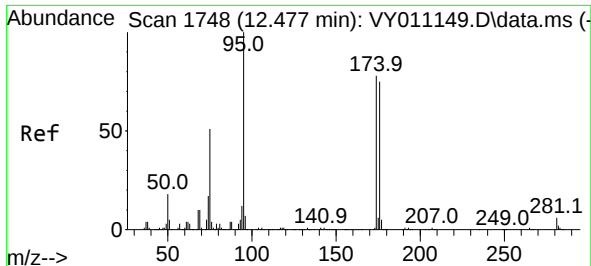
Tgt Ion:113 Resp: 87180
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 18.6 17.6 26.4



#50
Toluene-d8
Concen: 62.149 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011188.D
Acq: 29 Oct 2022 04:38

Tgt Ion: 98 Resp: 298313
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2

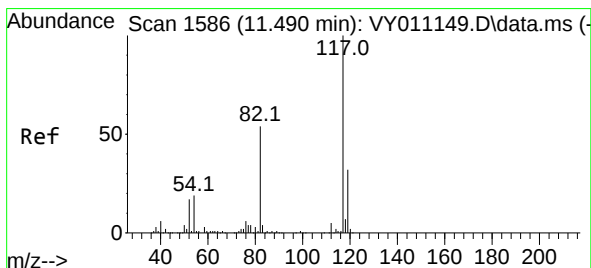
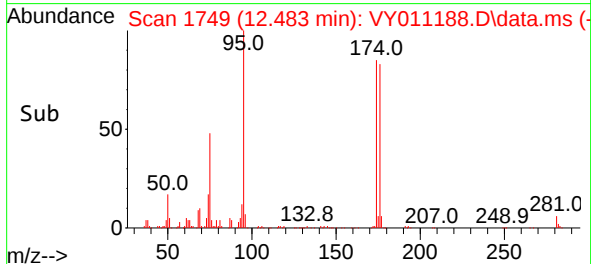
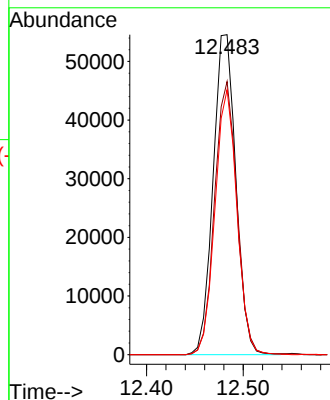
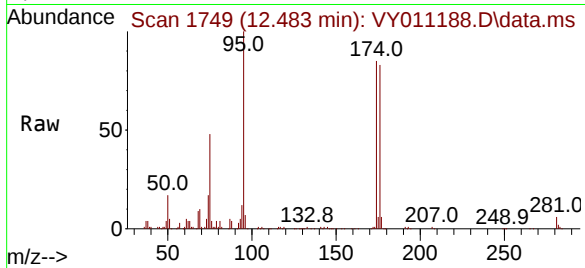




#62
4-Bromofluorobenzene
Concen: 56.769 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY011188.D
Acq: 29 Oct 2022 04:38

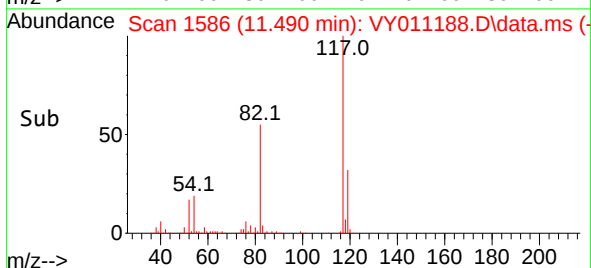
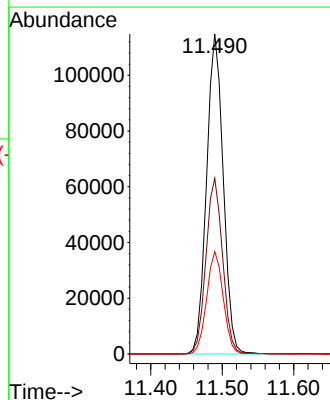
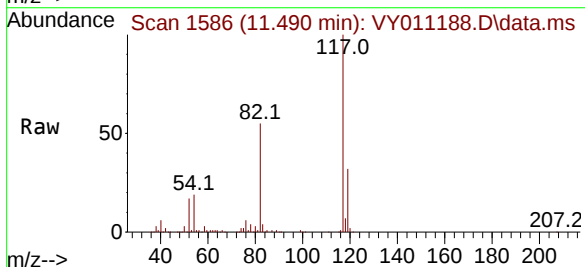
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MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-8

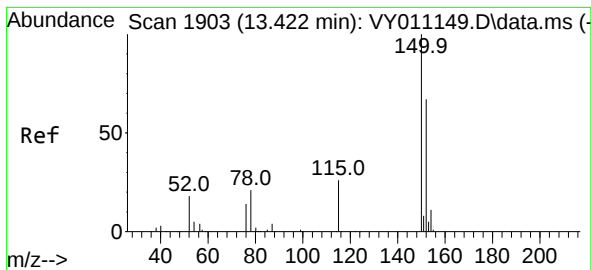
Tgt Ion: 95 Resp: 89161
Ion Ratio Lower Upper
95 100
174 84.1 0.0 177.0
176 79.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011188.D
Acq: 29 Oct 2022 04:38

Tgt Ion: 117 Resp: 185880
Ion Ratio Lower Upper
117 100
82 54.9 43.0 64.4
119 32.0 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: VY011188.D

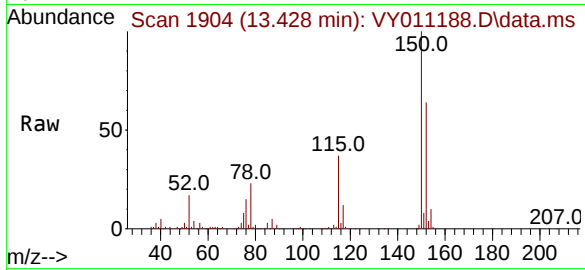
Acq: 29 Oct 2022 04:38

Instrument :

MSVOA_Y

ClientSampleId :

BIN 1-2-(2840)-VOC-8



Tgt Ion:152 Resp: 77380

Ion Ratio Lower Upper

152 100

115 59.3 28.2 84.7

150 158.6 0.0 347.6

