

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011181.D
 Acq On : 29 Oct 2022 01:59
 Operator : KP/MD
 Sample : N5310-05
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 44 Sample Multiplier: 1

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

Quant Time: Oct 29 06:47:07 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)

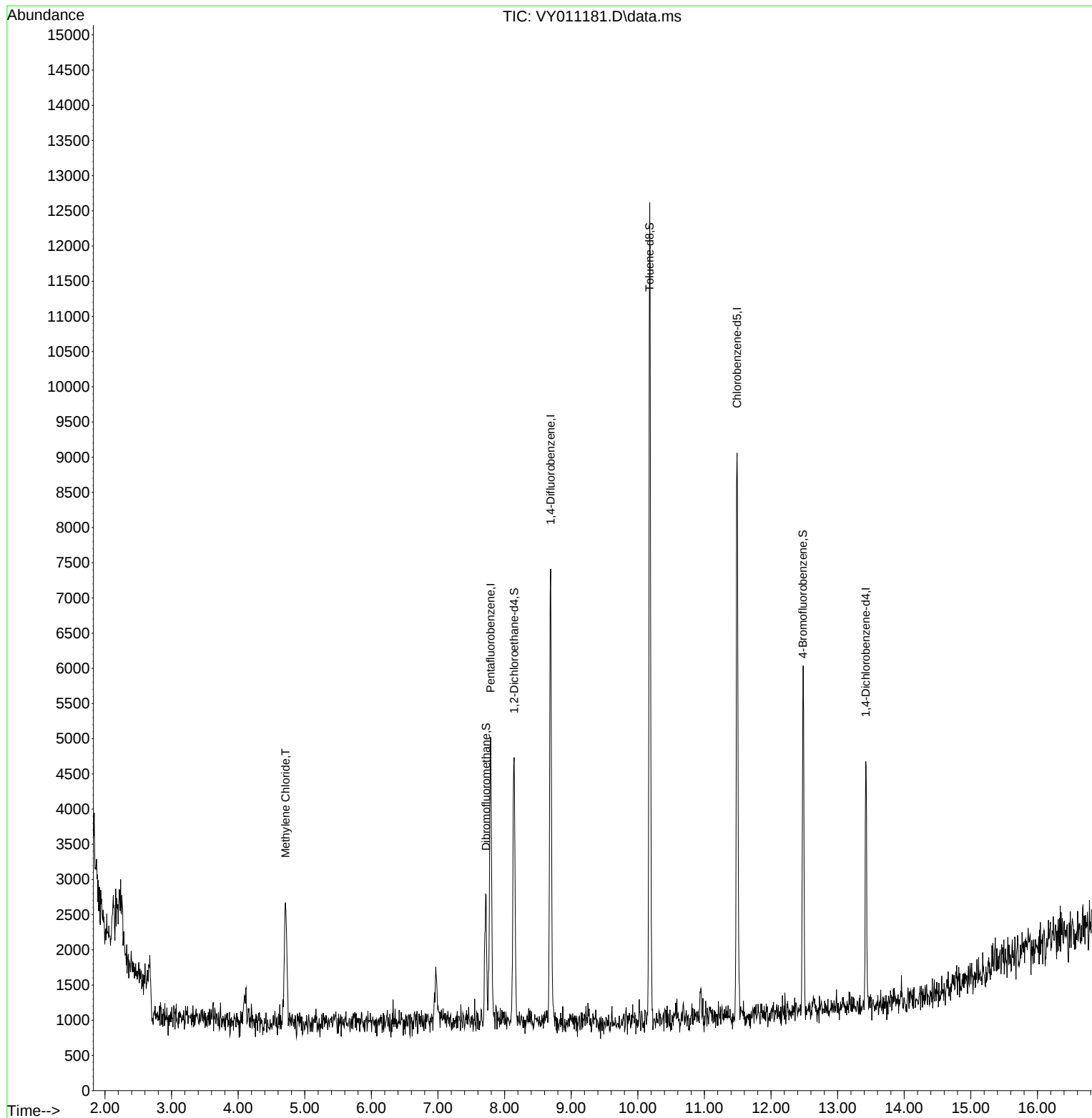
Internal Standards						
1) Pentafluorobenzene	7.789	168	3706	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	5980	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	4896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1060	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	3182	83.036	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 166.080%#	
35) Dibromofluoromethane	7.722	113	1374	37.363	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 74.720%	
50) Toluene-d8	10.179	98	8341	57.252	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 114.500%	
62) 4-Bromofluorobenzene	12.477	95	1788	37.507	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 75.020%	
Target Compounds						
20) Methylene Chloride	4.710	84	1408	34.257	ug/l	# 86

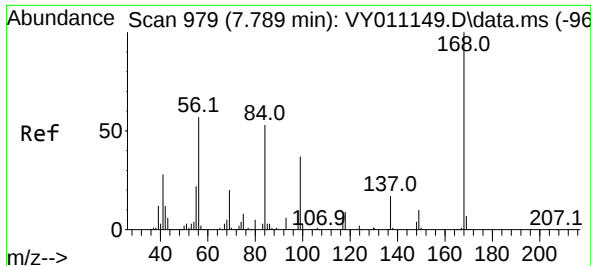
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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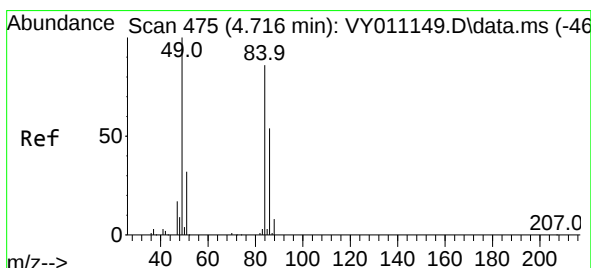
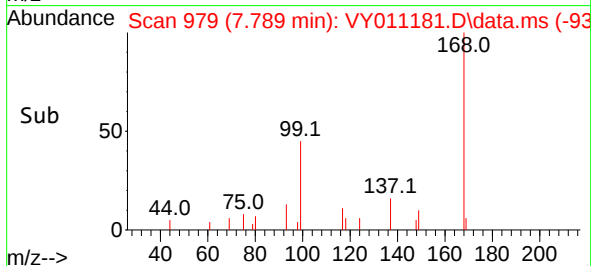
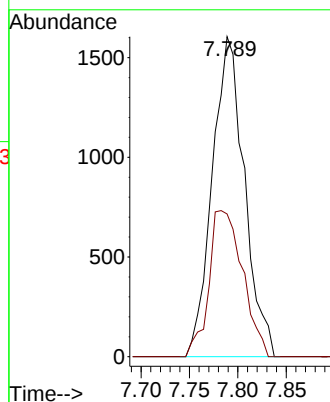
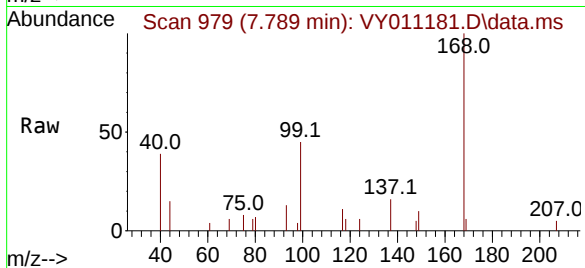




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011181.D
Acq: 29 Oct 2022 01:59

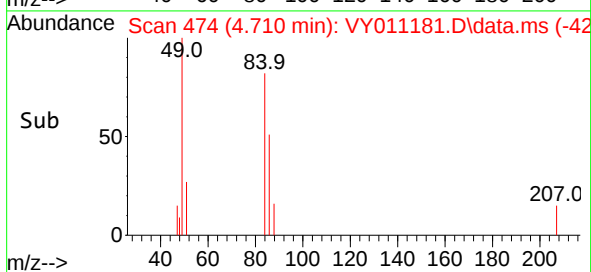
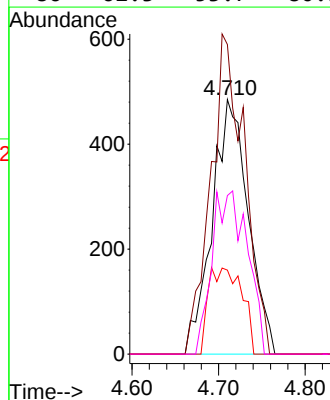
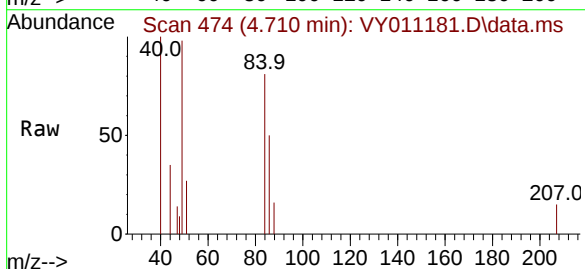
Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-1

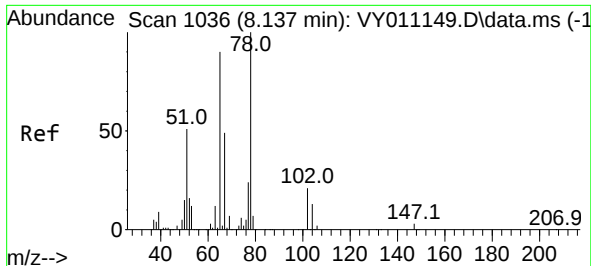
Tgt Ion:168 Resp: 3706
Ion Ratio Lower Upper
168 100
99 44.6 46.9 70.3#



#20
Methylene Chloride
Concen: 34.257 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY011181.D
Acq: 29 Oct 2022 01:59

Tgt Ion: 84 Resp: 1408
Ion Ratio Lower Upper
84 100
49 121.6 114.4 171.6
51 33.0 35.3 52.9#
86 62.3 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 83.036 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. 0.005 min

Lab File: VY011181.D

Acq: 29 Oct 2022 01:59

Instrument :

MSVOA_Y

ClientSampleId :

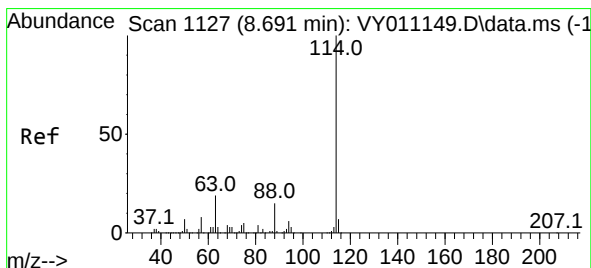
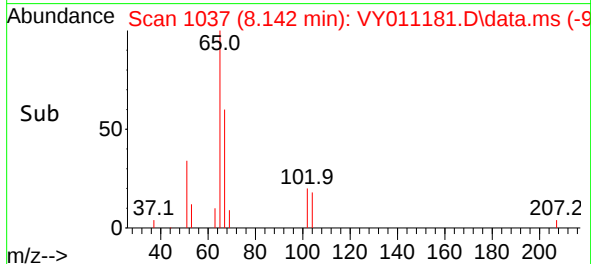
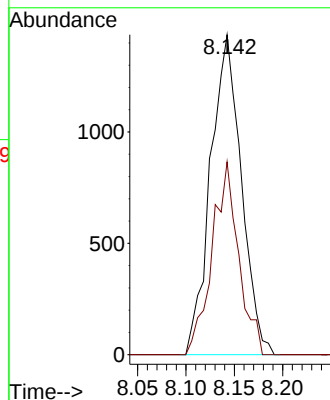
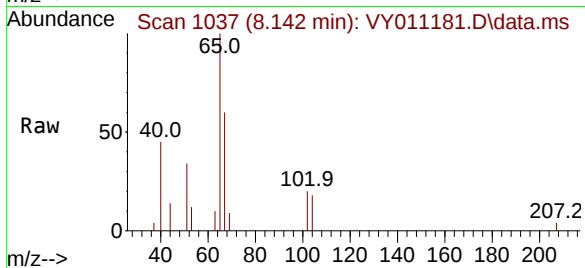
BIN 1-2-(2840)-VOC-1

Tgt Ion: 65 Resp: 3182

Ion Ratio Lower Upper

65 100

67 51.9 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: VY011181.D

Acq: 29 Oct 2022 01:59

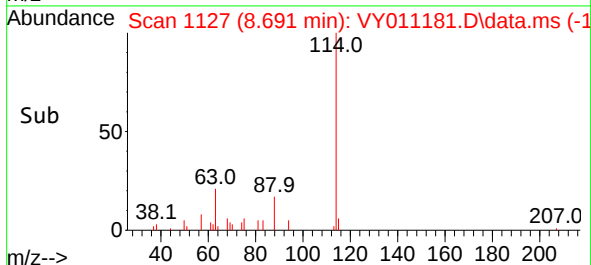
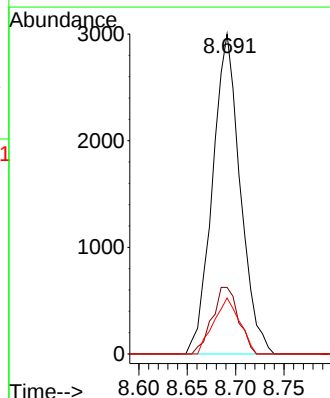
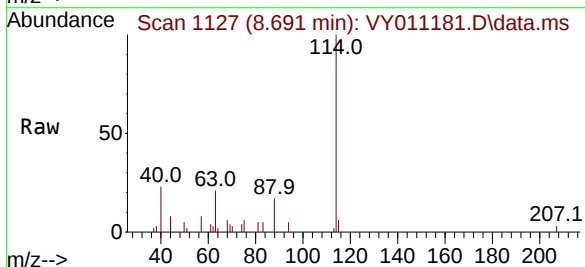
Tgt Ion: 114 Resp: 5980

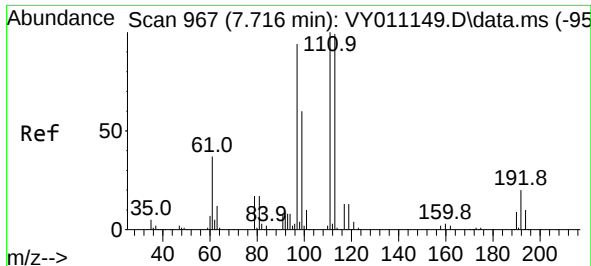
Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.2

88 17.5 0.0 31.8

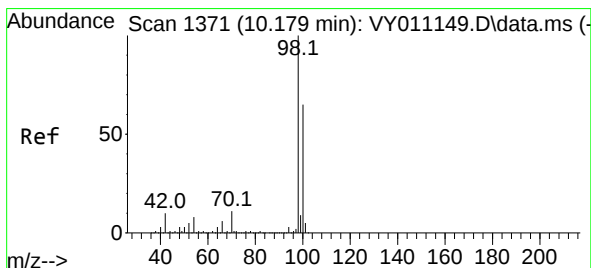
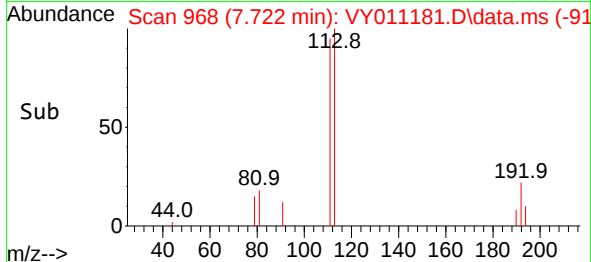
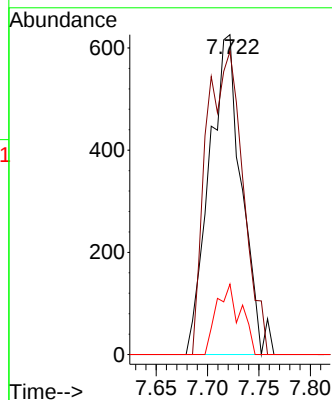
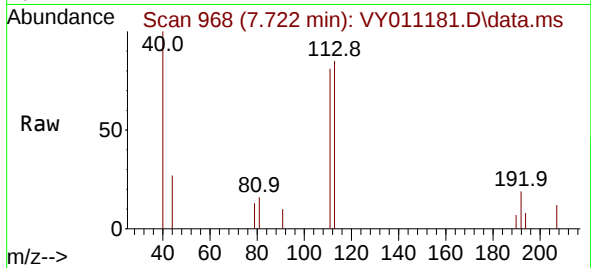




#35
Dibromofluoromethane
Concen: 37.363 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011181.D
Acq: 29 Oct 2022 01:59

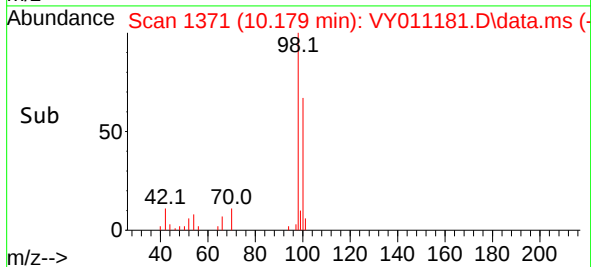
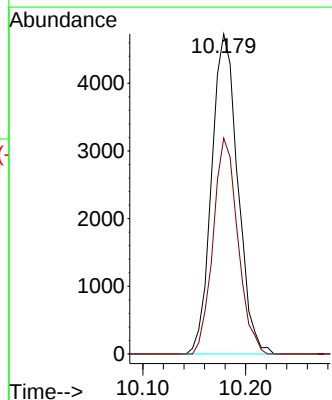
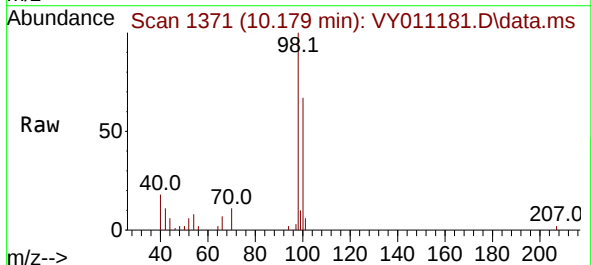
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BIN 1-2-(2840)-VOC-1

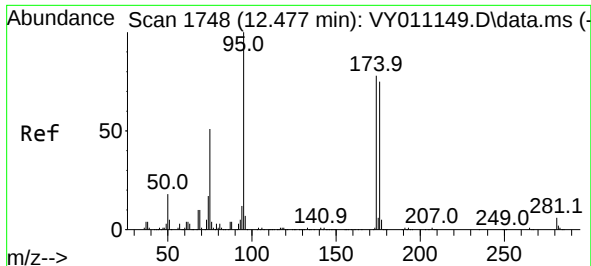
Tgt Ion:113 Resp: 1374
Ion Ratio Lower Upper
113 100
111 107.5 82.6 124.0
192 16.5 17.6 26.4#



#50
Toluene-d8
Concen: 57.252 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011181.D
Acq: 29 Oct 2022 01:59

Tgt Ion: 98 Resp: 8341
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2

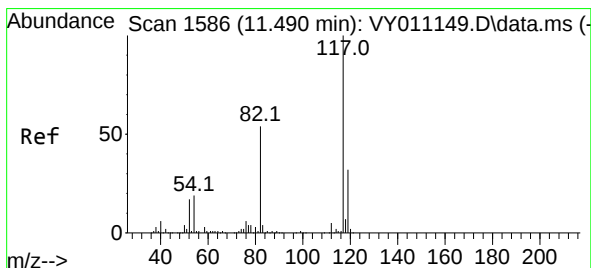
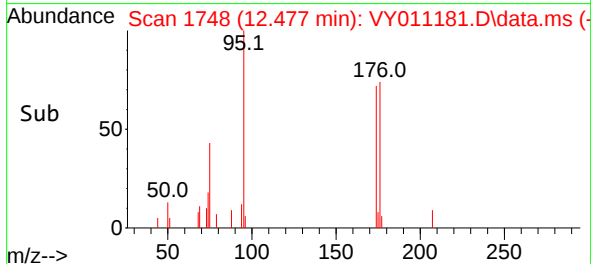
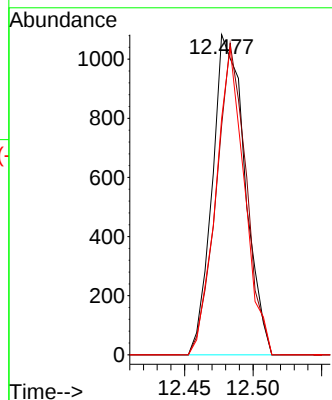
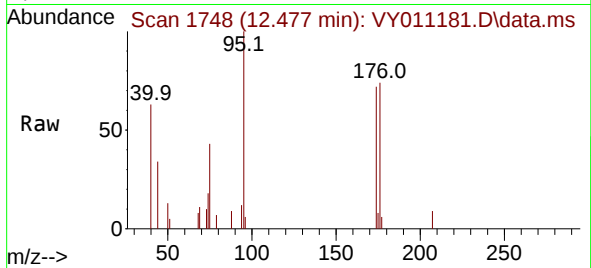




#62
4-Bromofluorobenzene
Concen: 37.507 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY011181.D
Acq: 29 Oct 2022 01:59

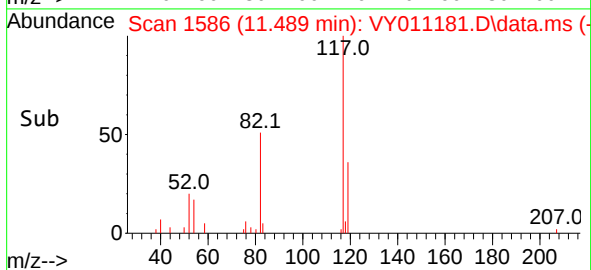
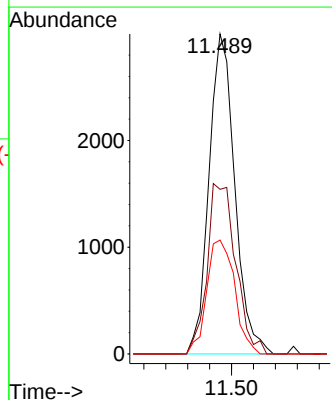
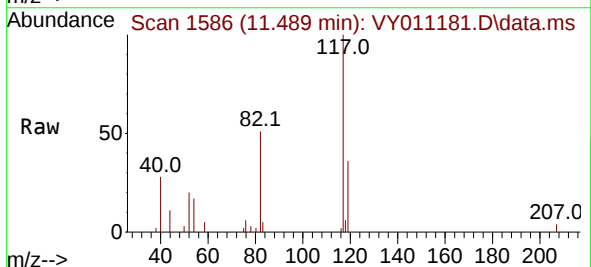
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ClientSampleId :
BIN 1-2-(2840)-VOC-1

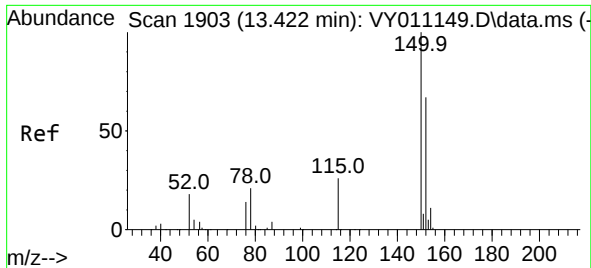
Tgt Ion: 95 Resp: 1788
Ion Ratio Lower Upper
95 100
174 88.9 0.0 177.0
176 84.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011181.D
Acq: 29 Oct 2022 01:59

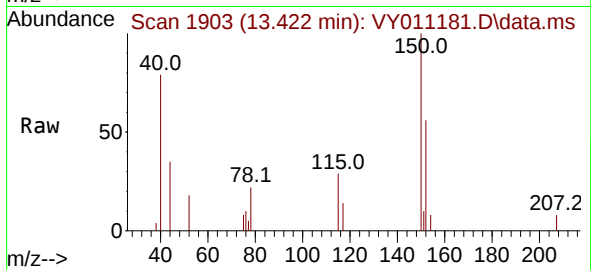
Tgt Ion: 117 Resp: 4896
Ion Ratio Lower Upper
117 100
82 51.4 43.0 64.4
119 35.6 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY011181.D
 Acq: 29 Oct 2022 01:59

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



Tgt Ion:	152	Resp:	1060
Ion	Ratio	Lower	Upper
152	100		
115	61.0	28.2	84.7
150	175.2	0.0	347.6

