

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101122\
 Data File : VY010923.D
 Acq On : 11 Oct 2022 17:29
 Operator : KP/MD
 Sample : N5083-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MOUNT-LAUREL-COMP-1-MOUNT-LAUREL-VOC-1

Quant Time: Oct 12 04:46:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

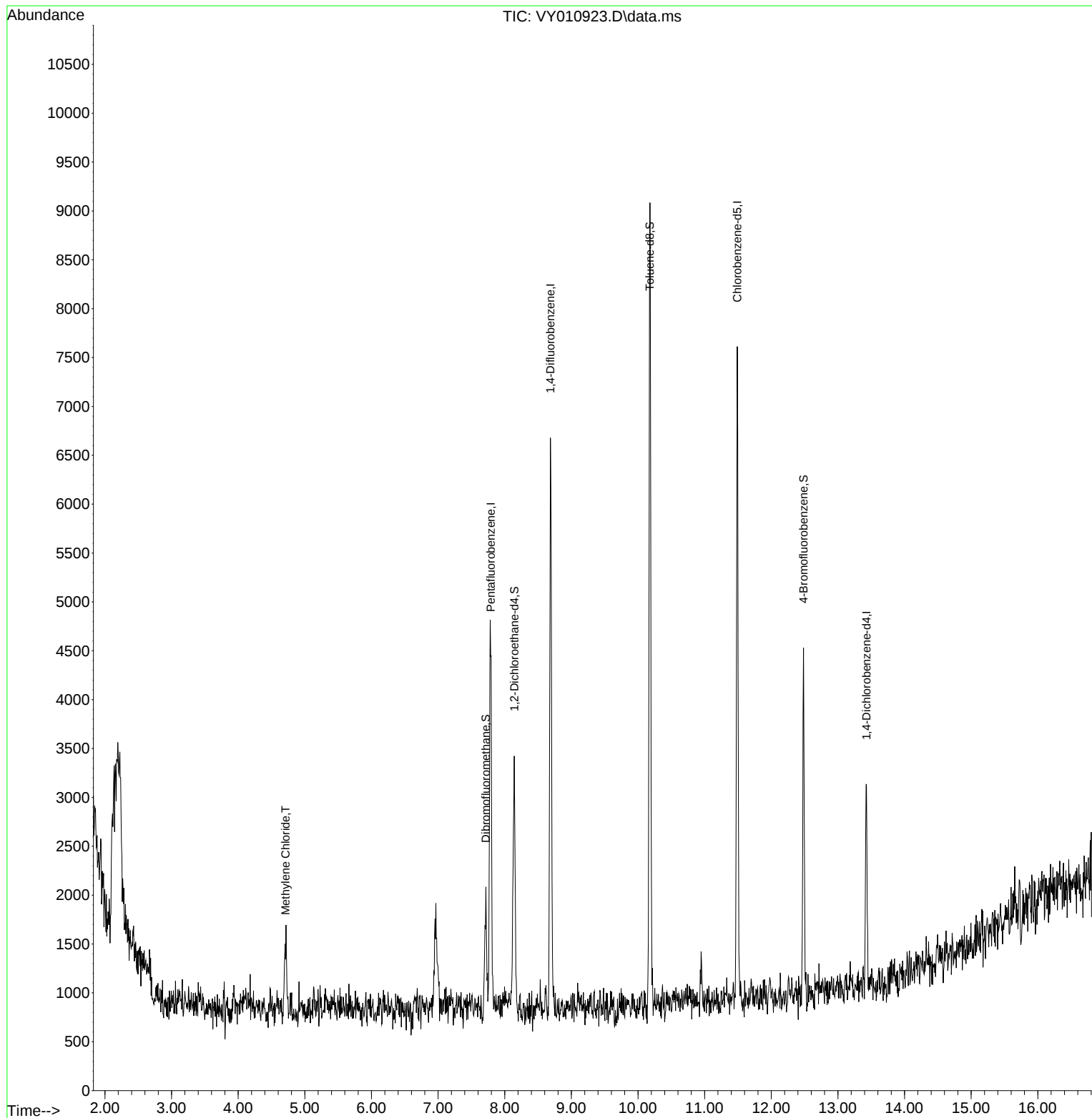
Internal Standards						
1) Pentafluorobenzene	7.789	168	3781	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	5531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	4169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	735	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	2064	53.855	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	107.700%	
35) Dibromofluoromethane	7.716	113	954	25.984	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	51.960%#	
50) Toluene-d8	10.179	98	6075	48.383	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	96.760%	
62) 4-Bromofluorobenzene	12.483	95	1194	22.302	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	44.600%	
Target Compounds						
20) Methylene Chloride	4.710	84	560	8.831	ug/l	# 60

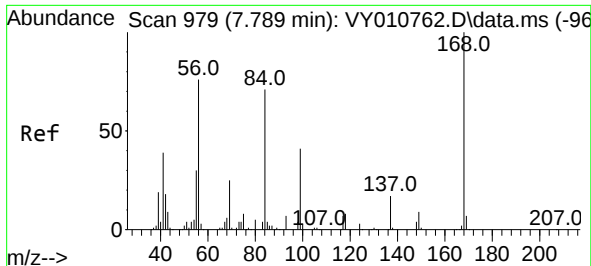
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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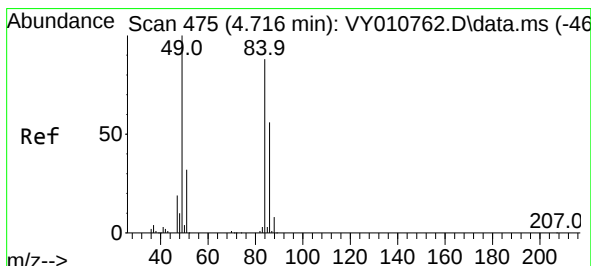
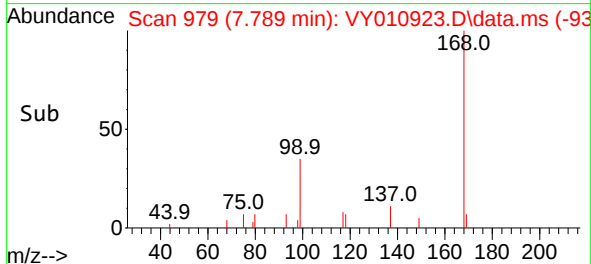
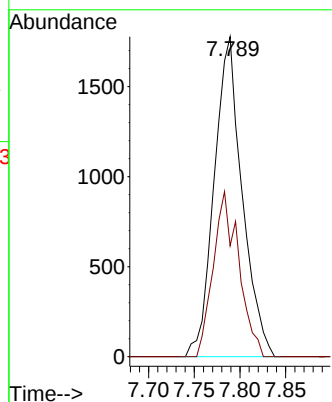
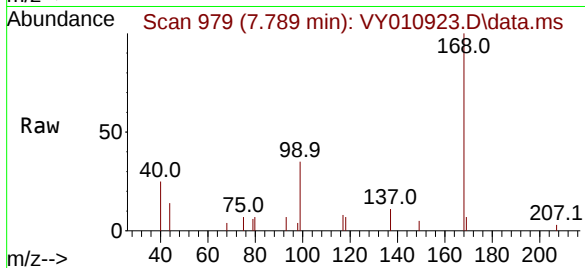




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010923.D
Acq: 11 Oct 2022 17:29

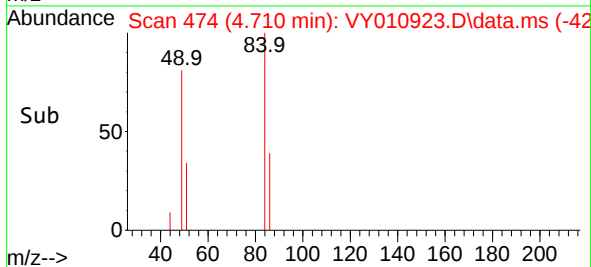
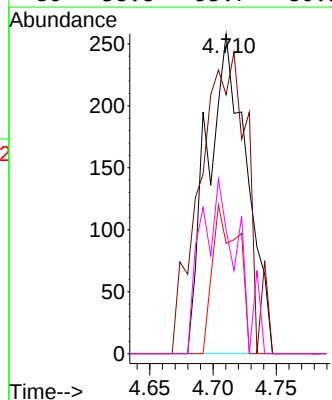
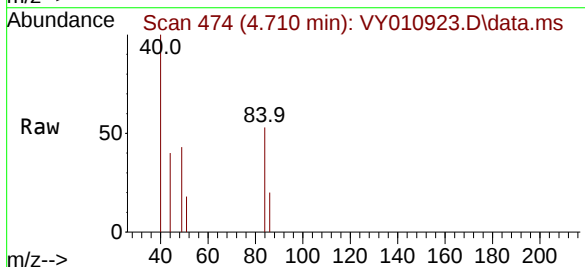
Instrument :
MSVOA_Y
ClientSampleId :
MOUNT-LAUREL-COMP-1-MOUNT-LAUREL-VOC-1

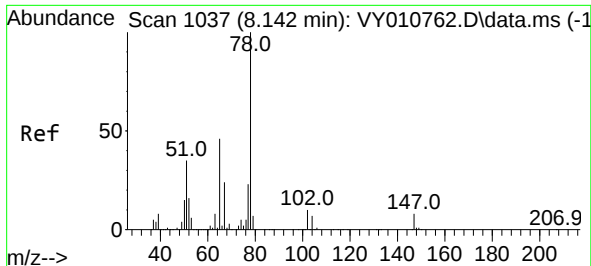
Tgt Ion:168 Resp: 3781
Ion Ratio Lower Upper
168 100
99 34.7 46.9 70.3#



#20
Methylene Chloride
Concen: 8.831 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY010923.D
Acq: 11 Oct 2022 17:29

Tgt Ion: 84 Resp: 560
Ion Ratio Lower Upper
84 100
49 81.0 114.4 171.6#
51 34.5 35.3 52.9#
86 38.8 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 53.855 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.001 min

Lab File: VY010923.D

Acq: 11 Oct 2022 17:29

Instrument :

MSVOA_Y

ClientSampleId :

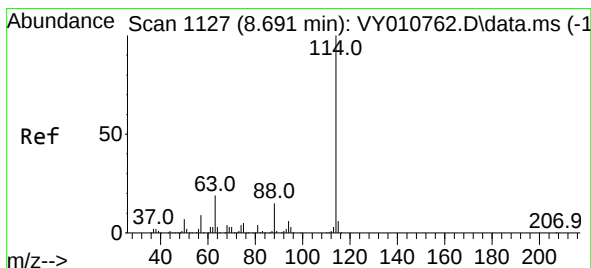
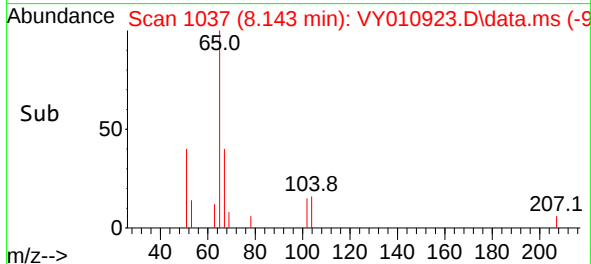
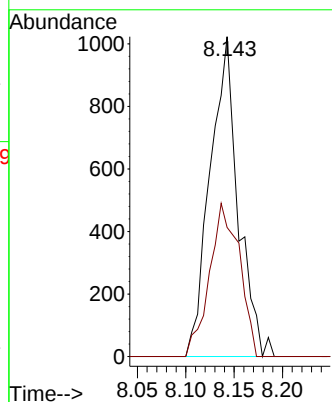
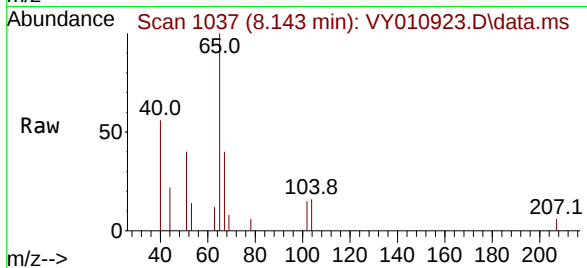
MOUNT-LAUREL-COMP-1-MOUNT-LAUREL-VOC-1

Tgt Ion: 65 Resp: 2064

Ion Ratio Lower Upper

65 100

67 50.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010923.D

Acq: 11 Oct 2022 17:29

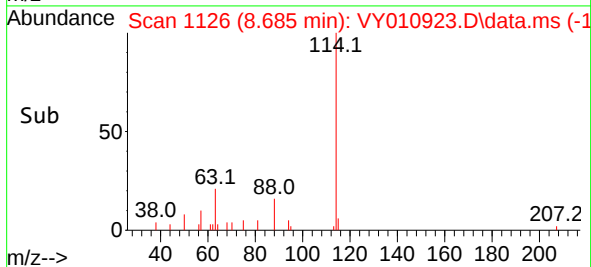
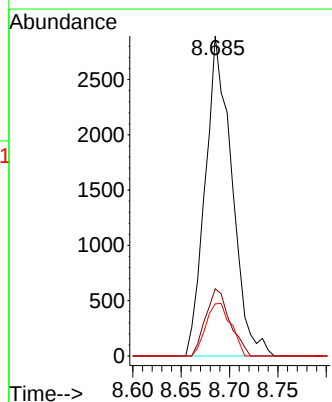
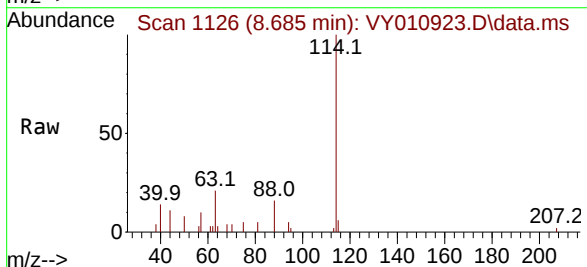
Tgt Ion: 114 Resp: 5531

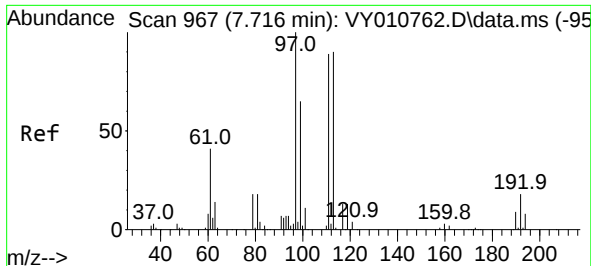
Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.2

88 16.3 0.0 31.8

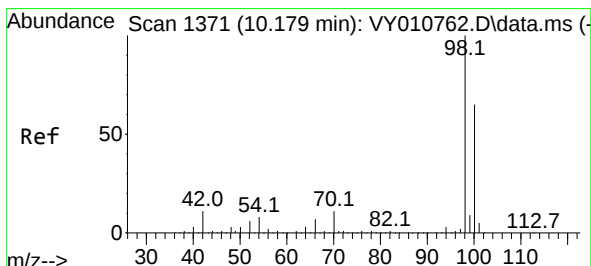
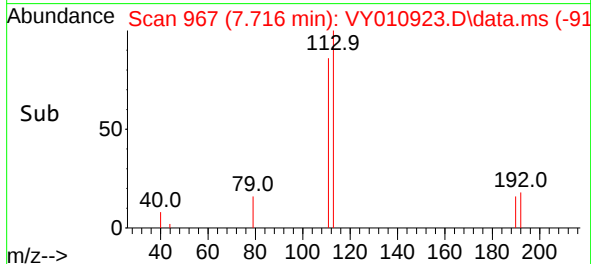
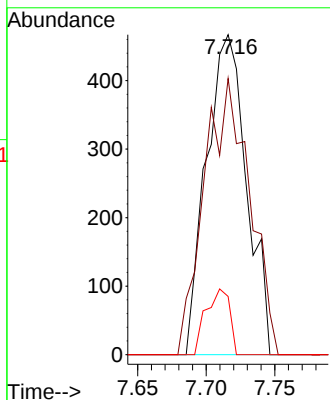
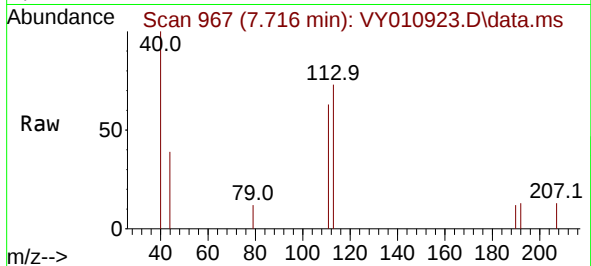




#35
 Dibromofluoromethane
 Concen: 25.984 ug/l
 RT: 7.716 min Scan# 967
 Delta R.T. -0.000 min
 Lab File: VY010923.D
 Acq: 11 Oct 2022 17:29

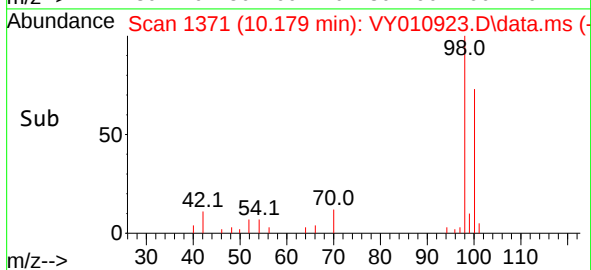
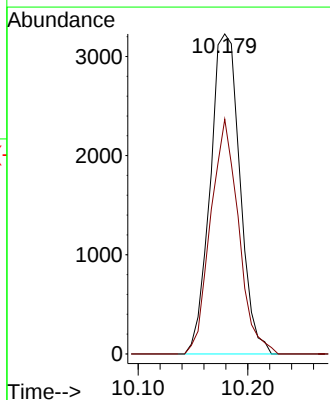
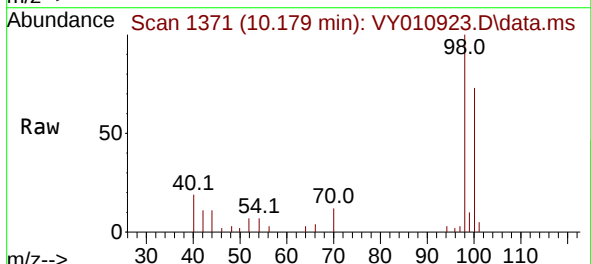
Instrument : MSVOA_Y
 ClientSampleId : MOUNT-LAUREL-COMP-1-MOUNT-LAUREL-VOC-1

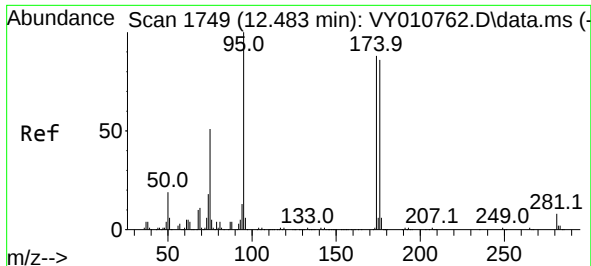
Tgt Ion:	113	Resp:	954
Ion	Ratio	Lower	Upper
113	100		
111	97.3	82.6	124.0
192	12.1	17.6	26.4



#50
 Toluene-d8
 Concen: 48.383 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: VY010923.D
 Acq: 11 Oct 2022 17:29

Tgt Ion:	98	Resp:	6075
Ion	Ratio	Lower	Upper
98	100		
100	69.2	50.2	75.2

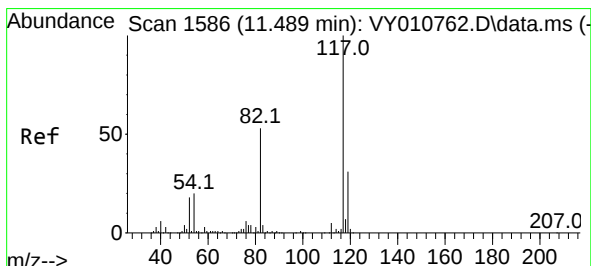
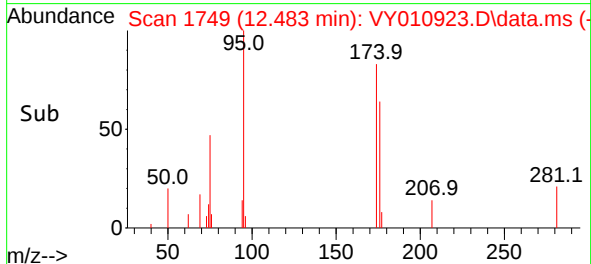
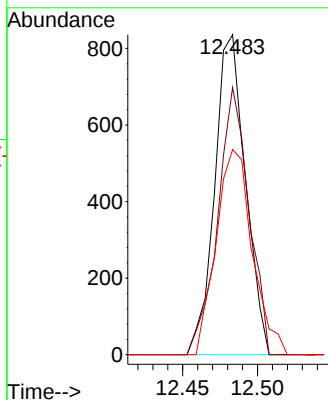
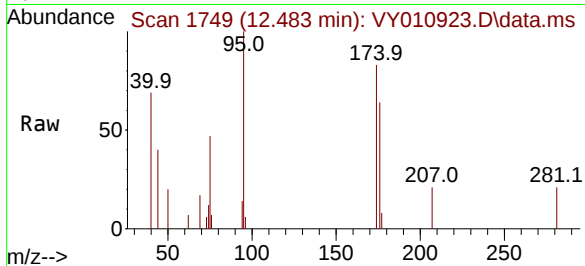




#62
4-Bromofluorobenzene
Concen: 22.302 ug/l
RT: 12.483 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VY010923.D
Acq: 11 Oct 2022 17:29

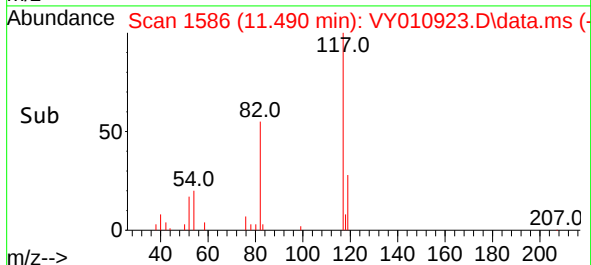
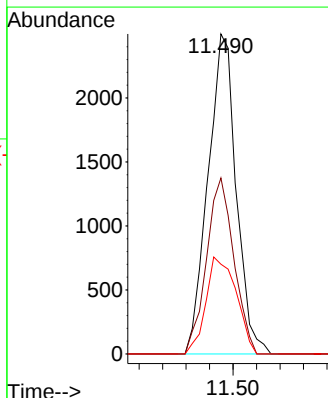
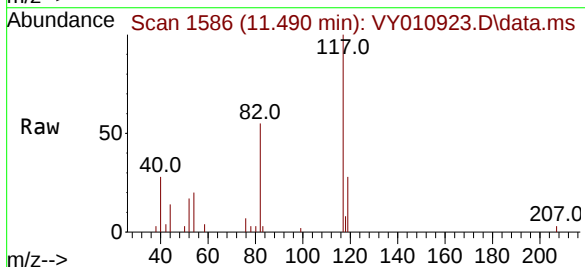
Instrument : MSVOA_Y
ClientSampleId : MOUNT-LAUREL-COMP-1-MOUNT-LAUREL-VOC-1

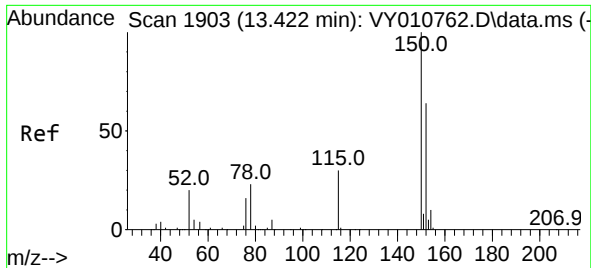
Tgt Ion:	95	Resp:	1194
Ion	Ratio	Lower	Upper
95	100		
174	84.7	0.0	177.0
176	75.5	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY010923.D
Acq: 11 Oct 2022 17:29

Tgt Ion:	117	Resp:	4169
Ion	Ratio	Lower	Upper
117	100		
82	55.0	43.0	64.4
119	28.0	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: VY010923.D

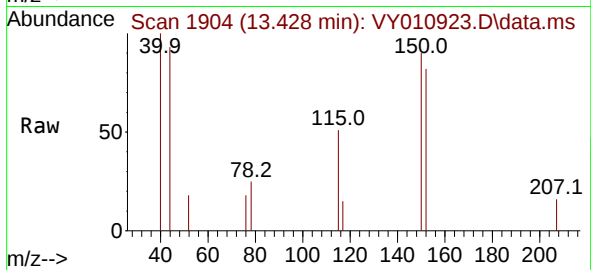
Acq: 11 Oct 2022 17:29

Instrument :

MSVOA_Y

ClientSampleId :

MOUNT-LAUREL-COMP-1-MOUNT-LAUREL-VOC-1



Tgt Ion:152 Resp: 735

Ion Ratio Lower Upper

152 100

115 69.7 28.2 84.7

150 172.8 0.0 347.6

