

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101122\
 Data File : VY010924.D
 Acq On : 11 Oct 2022 17:51
 Operator : KP/MD
 Sample : N5083-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2

Quant Time: Oct 12 04:47:05 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)

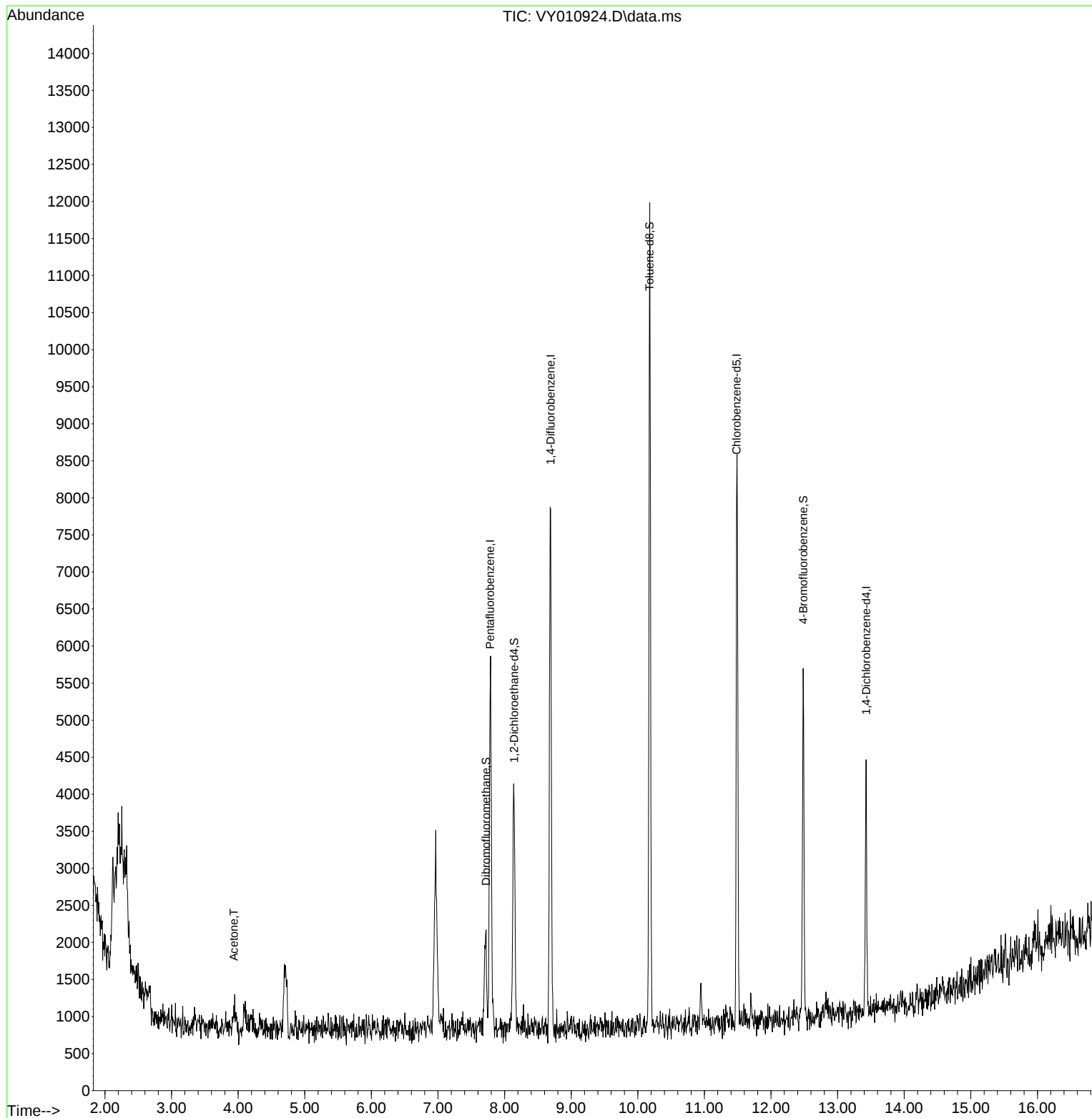
Internal Standards						
1) Pentafluorobenzene	7.783	168	4274	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	6810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	5044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	2660	61.400	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.800%
35) Dibromofluoromethane	7.722	113	1173	25.948	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	51.900%#
50) Toluene-d8	10.178	98	7341	47.485	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.960%
62) 4-Bromofluorobenzene	12.483	95	1623	25.034	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	50.060%
Target Compounds						
16) Acetone	3.936	43	485	44.080	ug/l	# 65

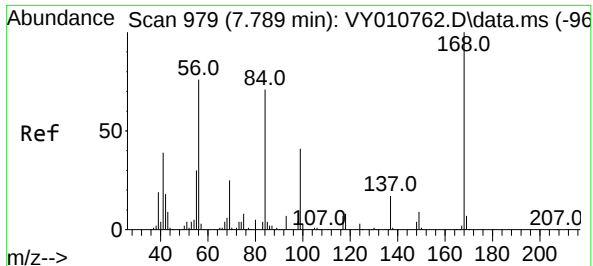
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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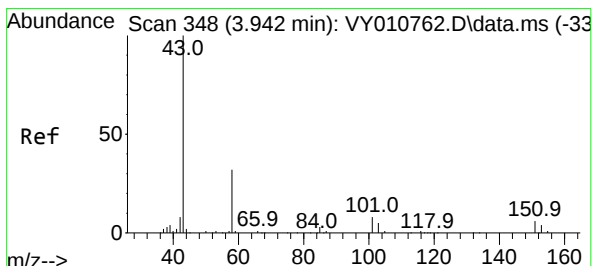
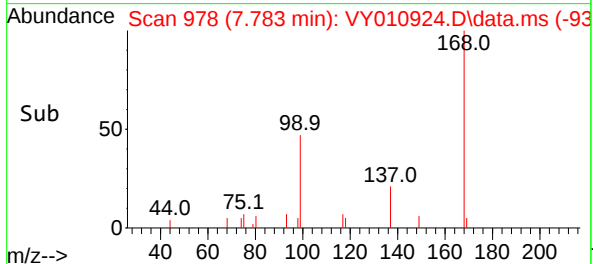
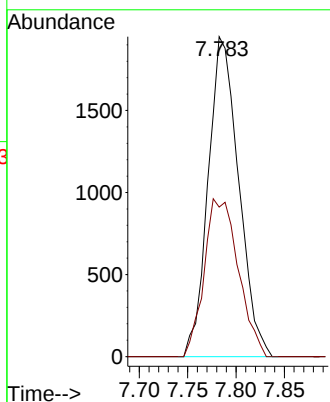
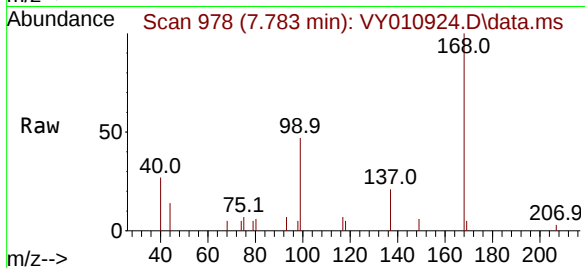




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY010924.D
Acq: 11 Oct 2022 17:51

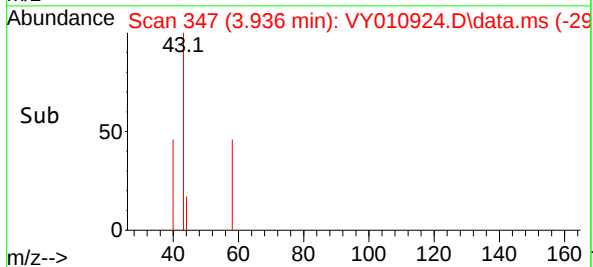
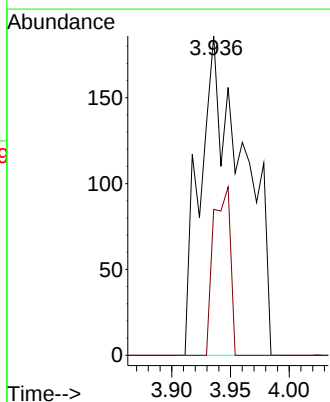
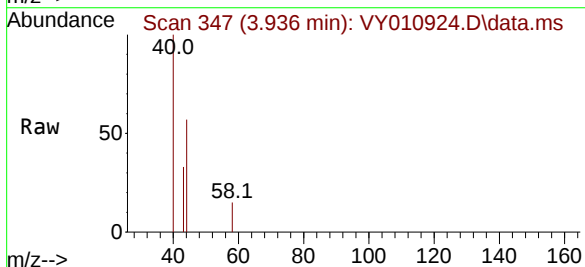
Instrument :
MSVOA_Y
ClientSampleId :
MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2

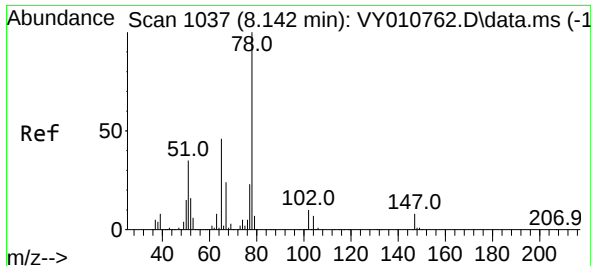
Tgt Ion:168 Resp: 4274
Ion Ratio Lower Upper
168 100
99 46.7 46.9 70.3#



#16
Acetone
Concen: 44.080 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY010924.D
Acq: 11 Oct 2022 17:51

Tgt Ion: 43 Resp: 485
Ion Ratio Lower Upper
43 100
58 45.7 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 61.400 ug/l

RT: 8.142 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010924.D

Acq: 11 Oct 2022 17:51

Instrument :

MSVOA_Y

ClientSampleId :

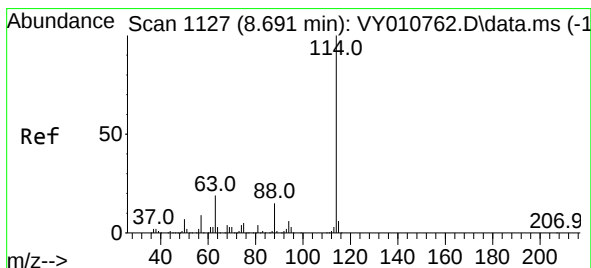
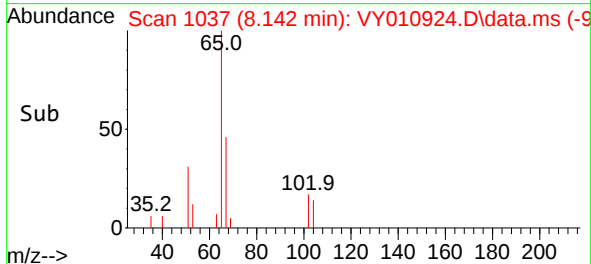
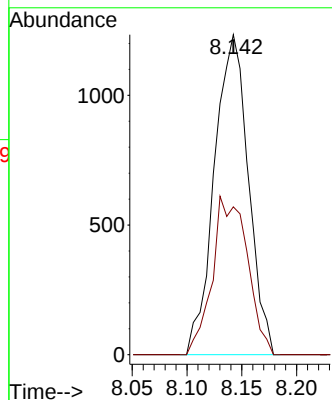
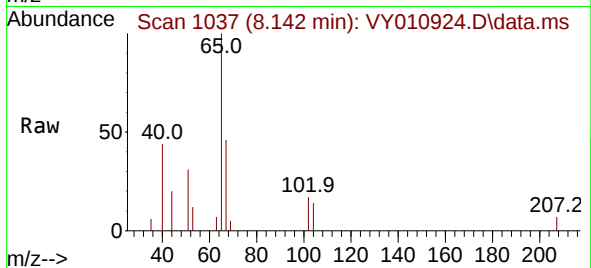
MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2

Tgt Ion: 65 Resp: 2660

Ion Ratio Lower Upper

65 100

67 50.9 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: VY010924.D

Acq: 11 Oct 2022 17:51

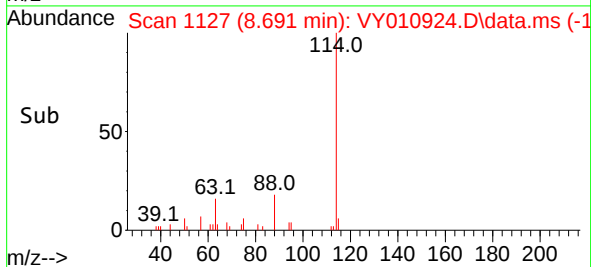
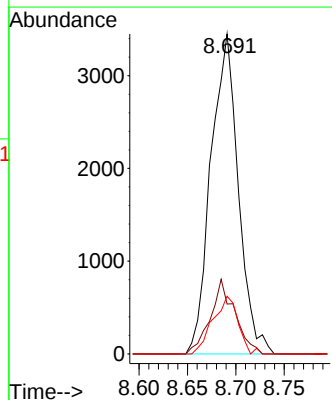
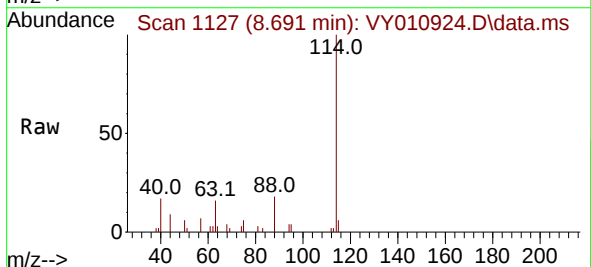
Tgt Ion: 114 Resp: 6810

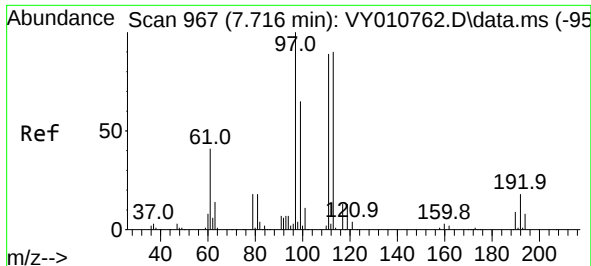
Ion Ratio Lower Upper

114 100

63 15.6 0.0 43.2

88 18.0 0.0 31.8

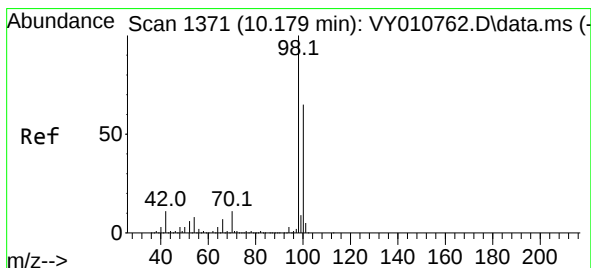
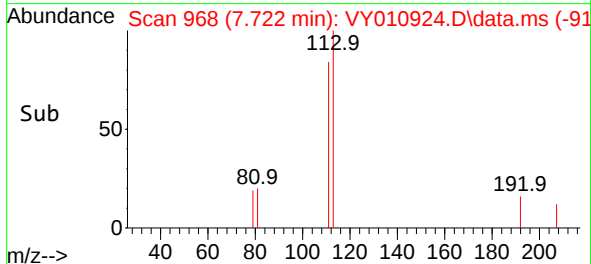
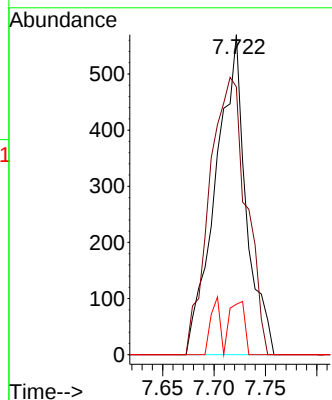
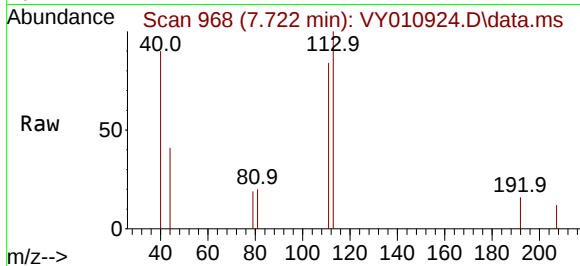




#35
Dibromofluoromethane
Concen: 25.948 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010924.D
Acq: 11 Oct 2022 17:51

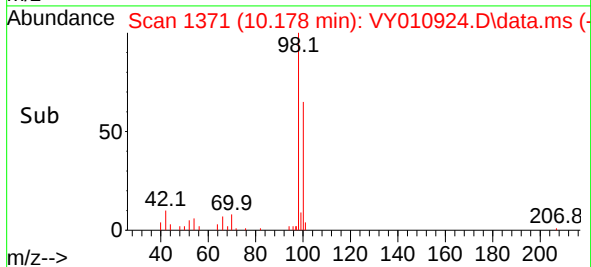
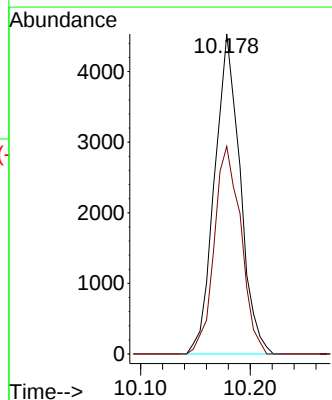
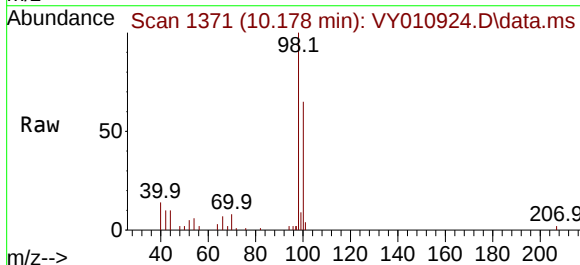
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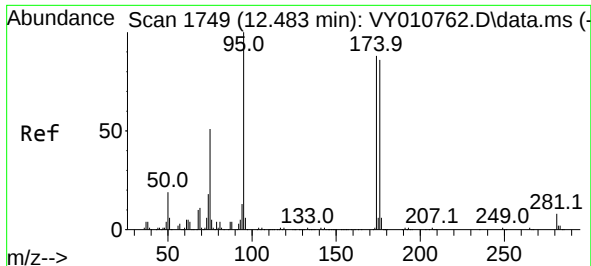
Tgt Ion:113 Resp: 1173
Ion Ratio Lower Upper
113 100
111 104.9 82.6 124.0
192 8.4 17.6 26.4#



#50
Toluene-d8
Concen: 47.485 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY010924.D
Acq: 11 Oct 2022 17:51

Tgt Ion: 98 Resp: 7341
Ion Ratio Lower Upper
98 100
100 67.7 50.2 75.2

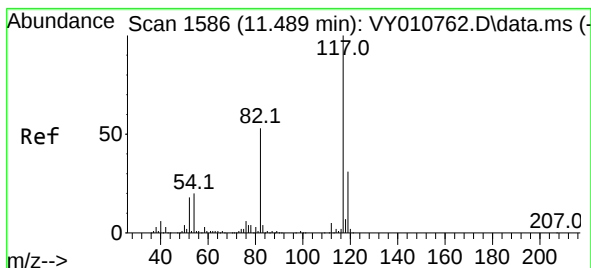
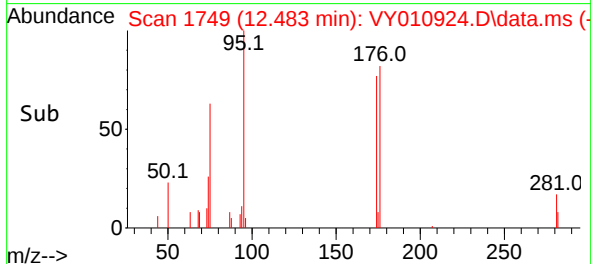
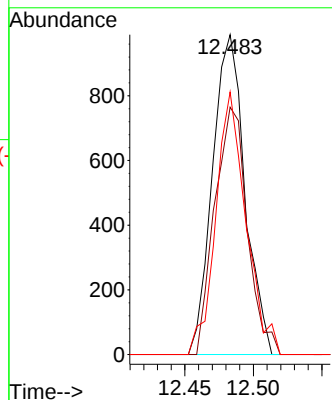
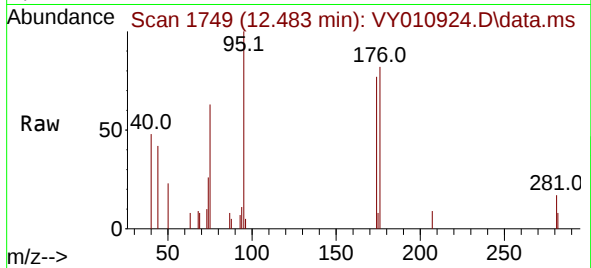




#62
4-Bromofluorobenzene
Concen: 25.034 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY010924.D
Acq: 11 Oct 2022 17:51

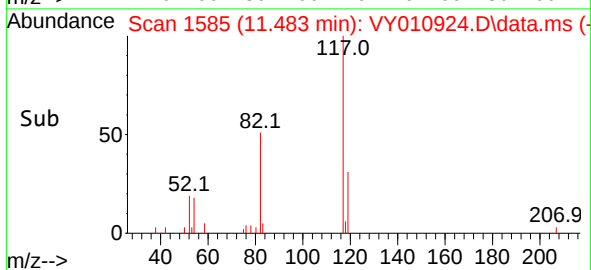
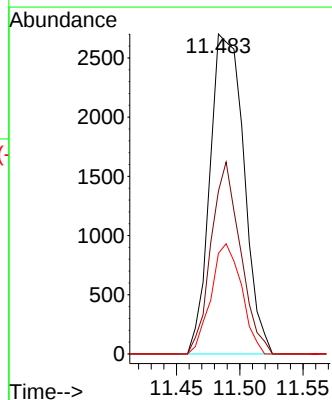
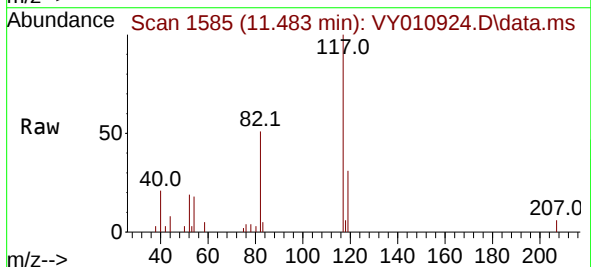
Instrument :
MSVOA_Y
ClientSampleId :
MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2

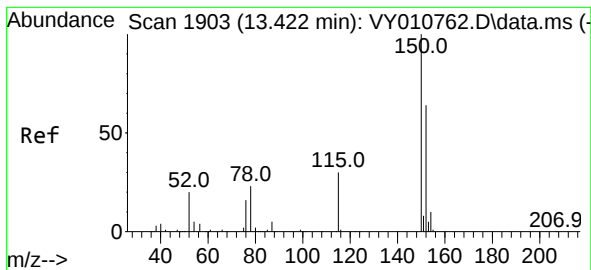
Tgt Ion: 95 Resp: 1623
Ion Ratio Lower Upper
95 100
174 77.8 0.0 177.0
176 76.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY010924.D
Acq: 11 Oct 2022 17:51

Tgt Ion: 117 Resp: 5044
Ion Ratio Lower Upper
117 100
82 50.9 43.0 64.4
119 31.4 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: VY010924.D

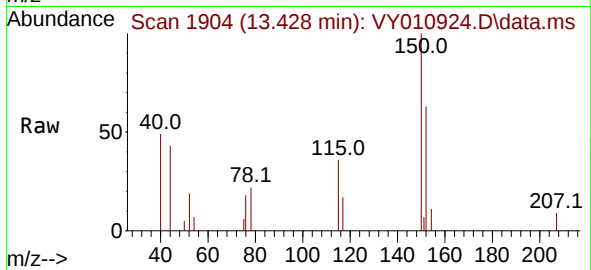
Acq: 11 Oct 2022 17:51

Instrument :

MSVOA_Y

ClientSampleId :

MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2



Tgt Ion:152 Resp: 1082

Ion Ratio Lower Upper

152 100

115 62.0 28.2 84.7

150 158.4 0.0 347.6

