

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101222\
 Data File : VY010939.D
 Acq On : 12 Oct 2022 14:10
 Operator : KP/MD
 Sample : N5083-07
 Misc : 3.53g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MOUNT-LAUREL-COMP-4-MOUNT-LAUREL-VOC-4

Quant Time: Oct 13 05:34:56 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)

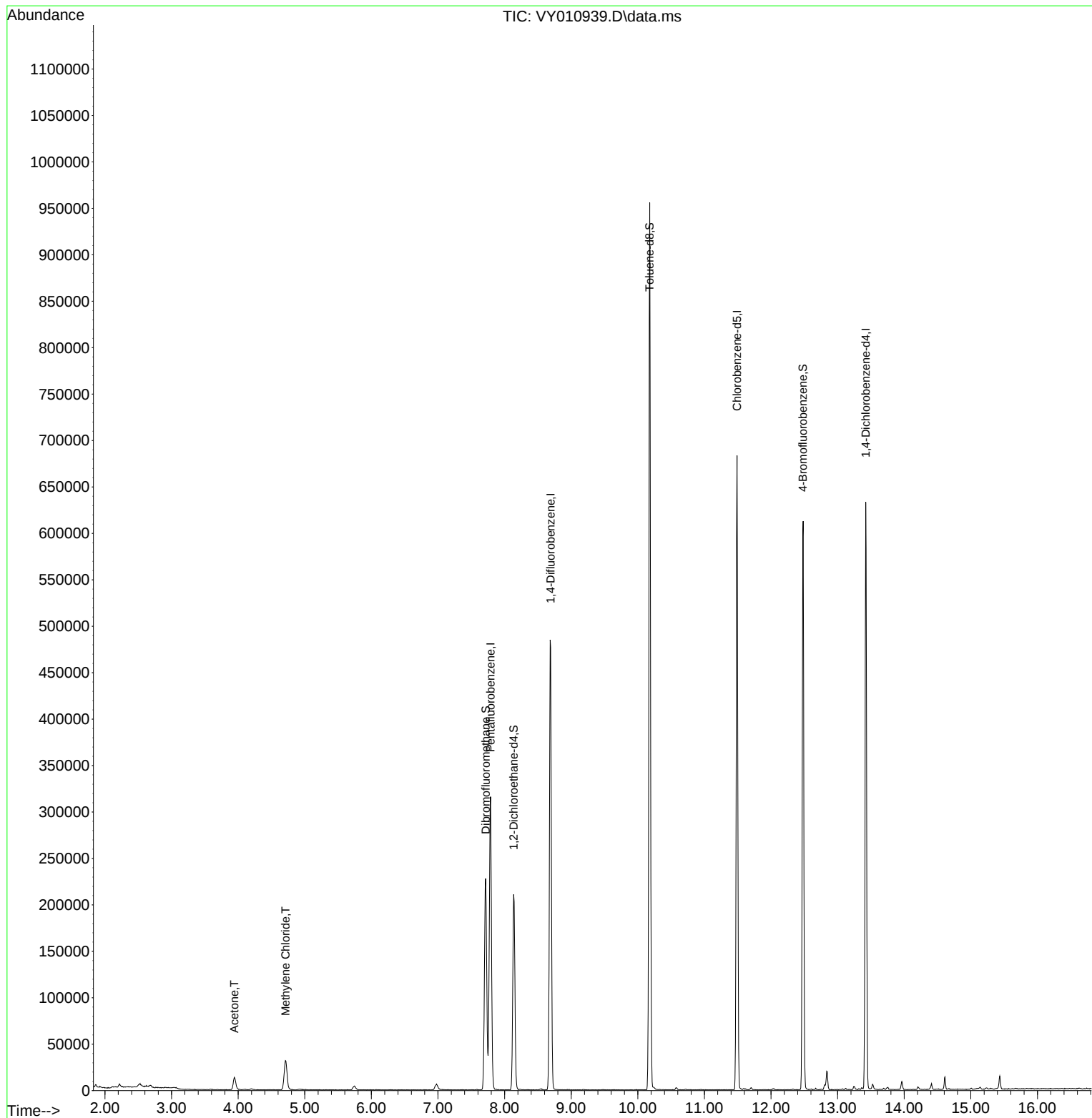
Internal Standards						
1) Pentafluorobenzene	7.789	168	241926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	425307	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	372718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	164778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	163372	66.622	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.240%	
35) Dibromofluoromethane	7.716	113	164310	58.200	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.400%	
50) Toluene-d8	10.179	98	604713	62.632	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 125.260%	
62) 4-Bromofluorobenzene	12.477	95	190484	50.538	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.080%	
Target Compounds						Qvalue
16) Acetone	3.942	43	23154	37.177	ug/l	# 82
20) Methylene Chloride	4.710	84	24510	4.199	ug/l	85

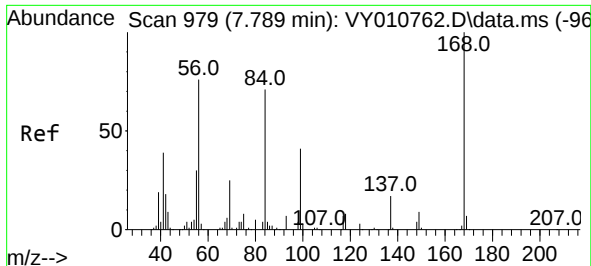
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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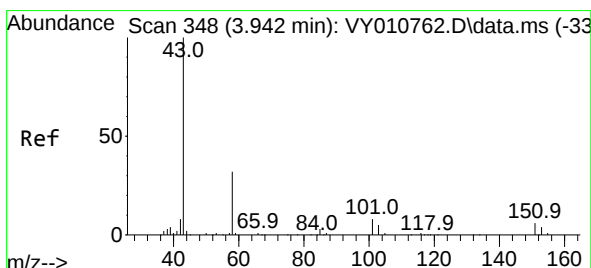
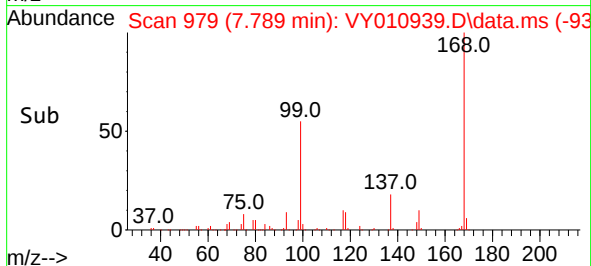
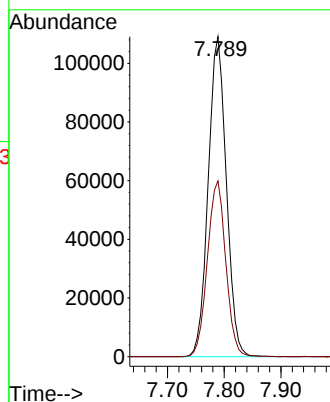
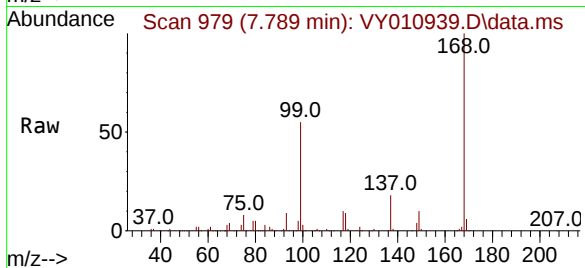




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010939.D
Acq: 12 Oct 2022 14:10

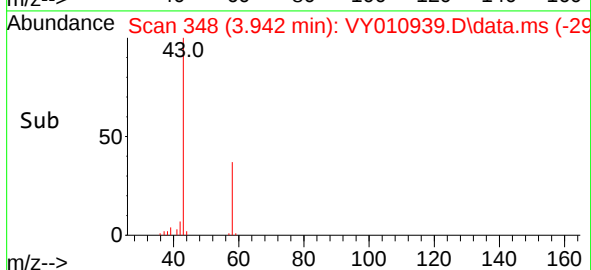
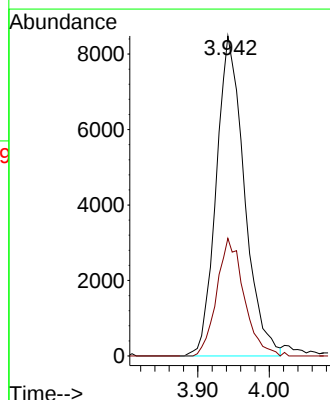
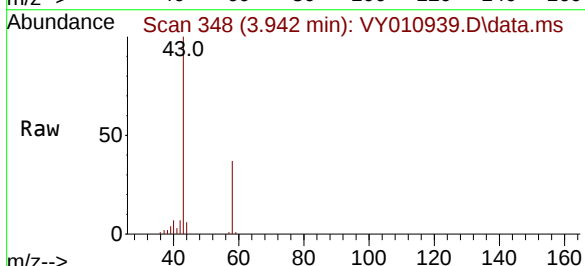
Instrument : MSVOA_Y
ClientSampleId : MOUNT-LAUREL-COMP-4-MOUNT-LAUREL-VOC-4

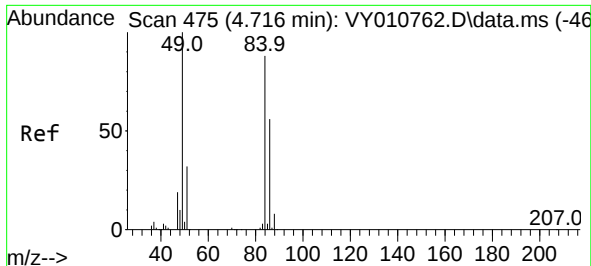
Tgt Ion:168 Resp: 241926
Ion Ratio Lower Upper
168 100
99 55.0 46.9 70.3



#16
Acetone
Concen: 37.177 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010939.D
Acq: 12 Oct 2022 14:10

Tgt Ion: 43 Resp: 23154
Ion Ratio Lower Upper
43 100
58 36.8 22.0 33.0#

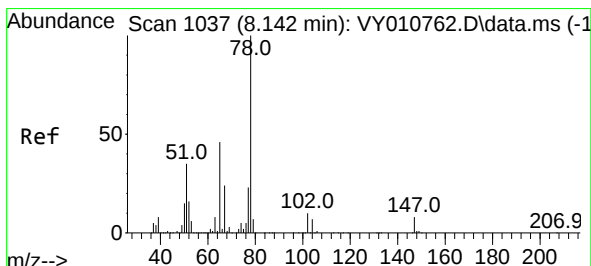
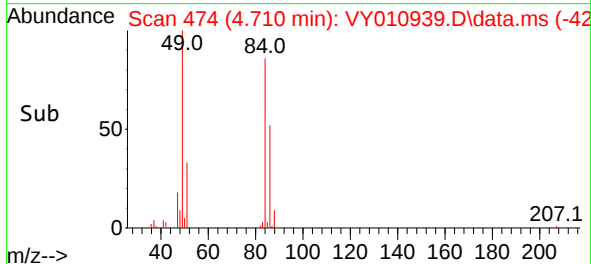
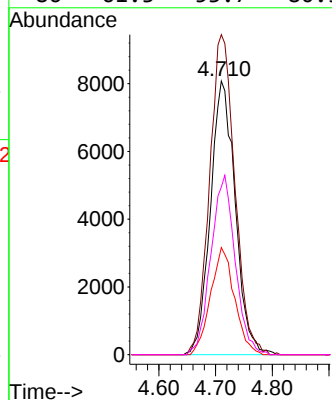
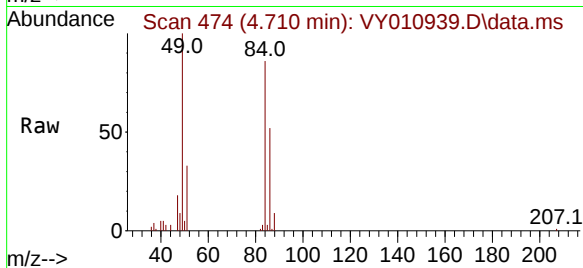




#20
Methylene Chloride
Concen: 4.199 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010939.D
Acq: 12 Oct 2022 14:10

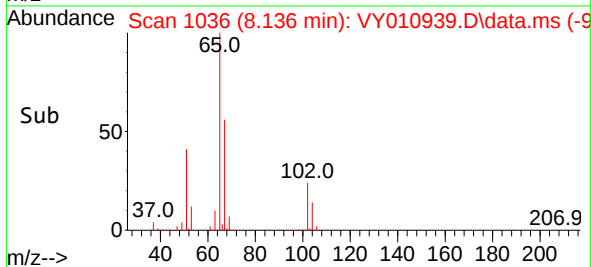
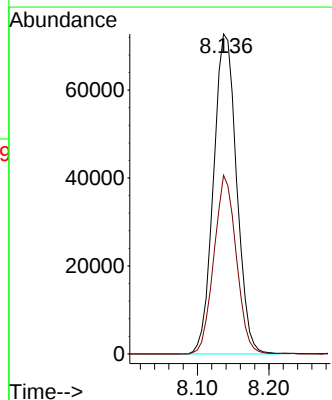
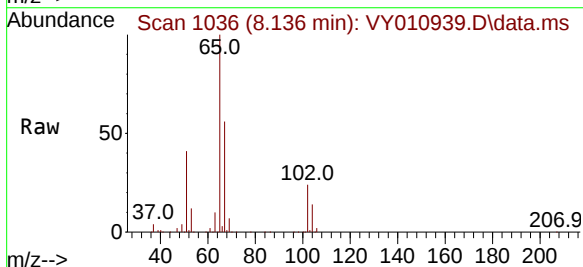
Instrument :
MSVOA_Y
ClientSampleId :
MOUNT-LAUREL-COMP-4-MOUNT-LAUREL-VOC-4

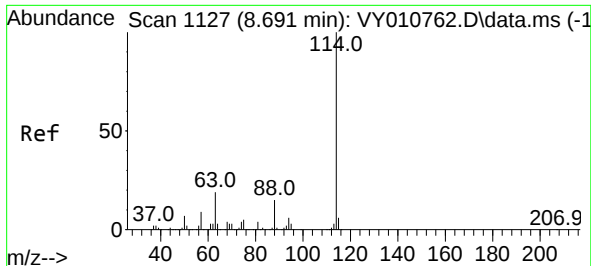
Tgt Ion: 84 Resp: 24510
Ion Ratio Lower Upper
84 100
49 116.9 114.4 171.6
51 39.1 35.3 52.9
86 61.3 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 66.622 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010939.D
Acq: 12 Oct 2022 14:10

Tgt Ion: 65 Resp: 163372
Ion Ratio Lower Upper
65 100
67 54.0 0.0 99.4

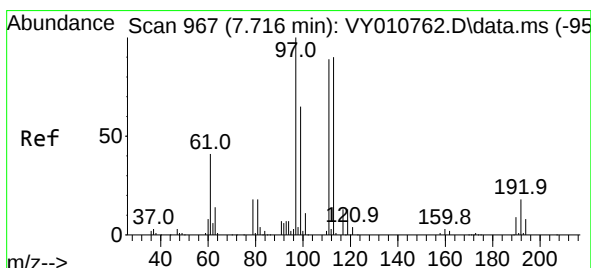
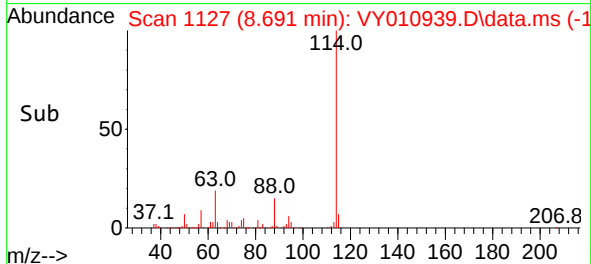
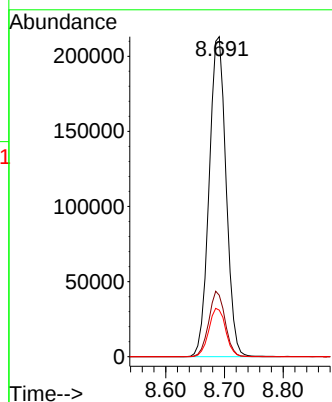
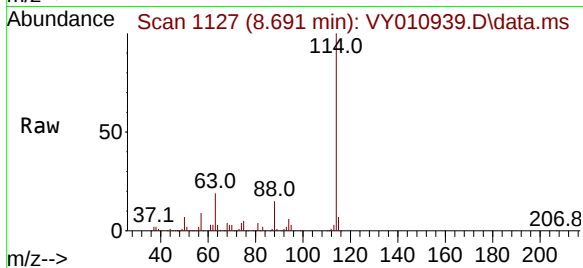




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY010939.D
Acq: 12 Oct 2022 14:10

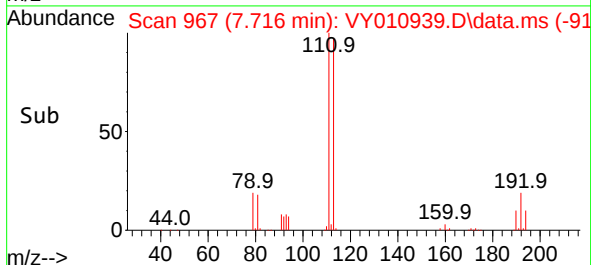
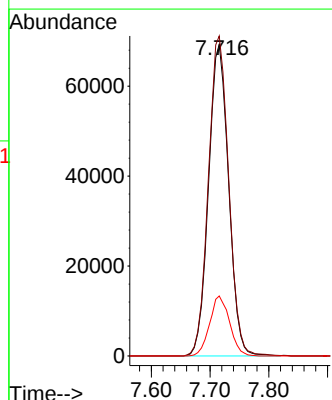
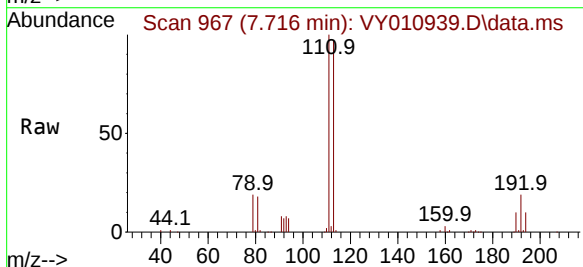
Instrument : MSVOA_Y
ClientSampleId : MOUNT-LAUREL-COMP-4-MOUNT-LAUREL-VOC-4

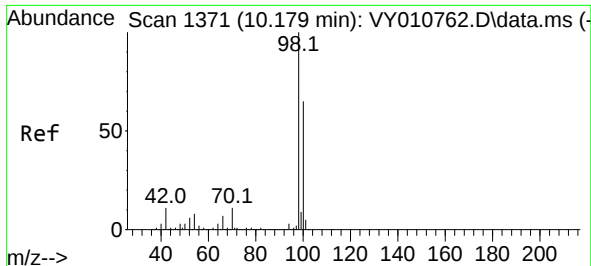
Tgt Ion:	114	Resp:	425307
Ion Ratio	Lower	Upper	
114	100		
63	19.2	0.0	43.2
88	14.6	0.0	31.8



#35
Dibromofluoromethane
Concen: 58.200 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY010939.D
Acq: 12 Oct 2022 14:10

Tgt Ion:	113	Resp:	164310
Ion Ratio	Lower	Upper	
113	100		
111	104.1	82.6	124.0
192	19.1	17.6	26.4

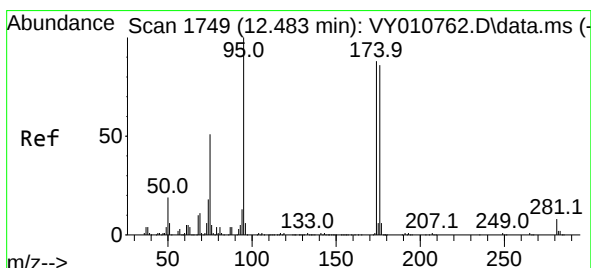
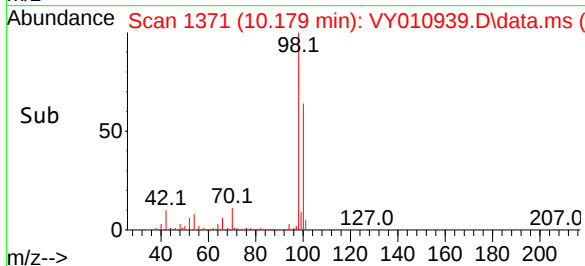
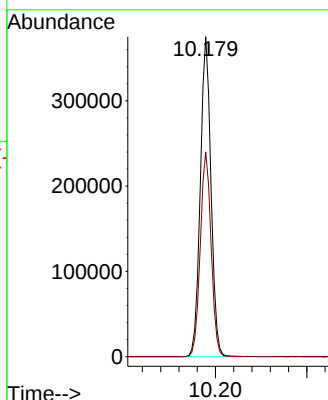
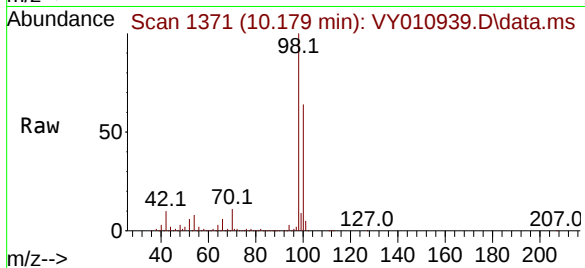




#50
Toluene-d8
Concen: 62.632 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010939.D
Acq: 12 Oct 2022 14:10

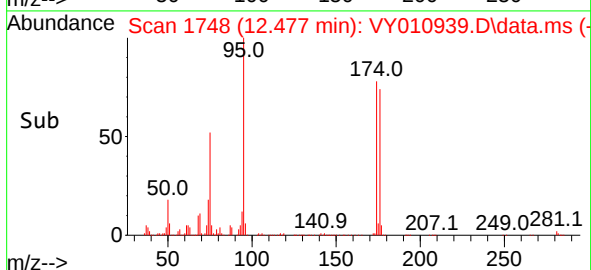
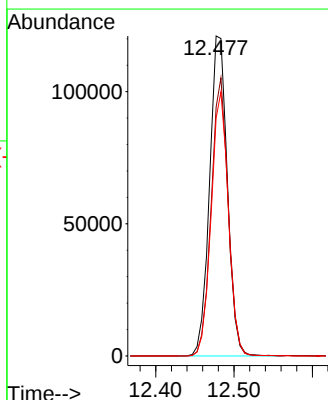
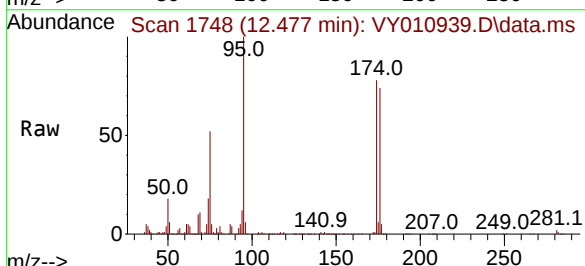
Instrument :
MSVOA_Y
ClientSampleId :
MOUNT-LAUREL-COMP-4-MOUNT-LAUREL-VOC-4

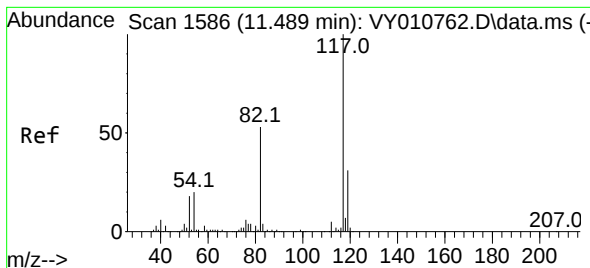
Tgt Ion: 98 Resp: 604713
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.538 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010939.D
Acq: 12 Oct 2022 14:10

Tgt Ion: 95 Resp: 190484
Ion Ratio Lower Upper
95 100
174 83.1 0.0 177.0
176 79.8 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010939.D

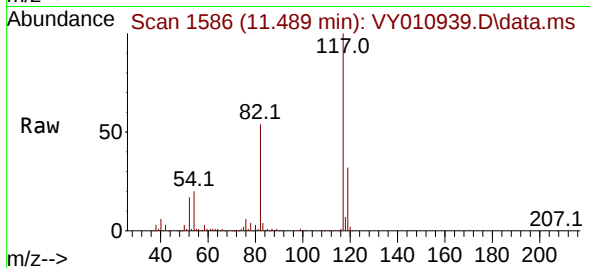
Acq: 12 Oct 2022 14:10

Instrument :

MSVOA_Y

ClientSampleId :

MOUNT-LAUREL-COMP-4-MOUNT-LAUREL-VOC-4



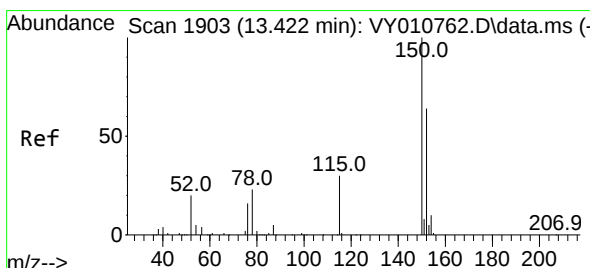
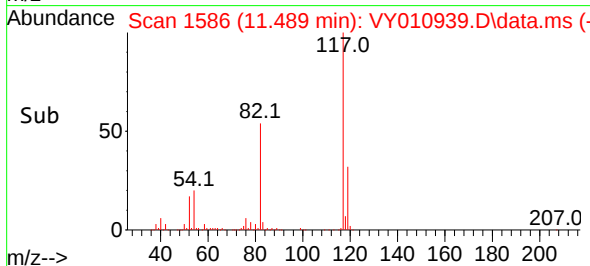
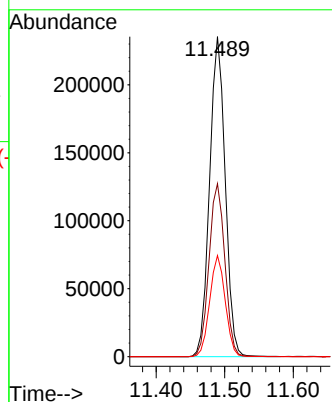
Tgt Ion:117 Resp: 372718

Ion Ratio Lower Upper

117 100

82 54.0 43.0 64.4

119 31.6 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: VY010939.D

Acq: 12 Oct 2022 14:10

Tgt Ion:152 Resp: 164778

Ion Ratio Lower Upper

152 100

115 58.0 28.2 84.7

150 155.6 0.0 347.6

