

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101122\
 Data File : VY010926.D
 Acq On : 11 Oct 2022 18:37
 Operator : KP/MD
 Sample : N5083-07
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Oct 12 04:47:22 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	2334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	3762	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	3040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	425	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1030	43.537	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.080%
35) Dibromofluoromethane	7.710	113	408	16.338	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	32.680%#
50) Toluene-d8	10.185	98	2997	35.093	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	70.180%
62) 4-Bromofluorobenzene	12.477	95	532	13.240	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	26.480%

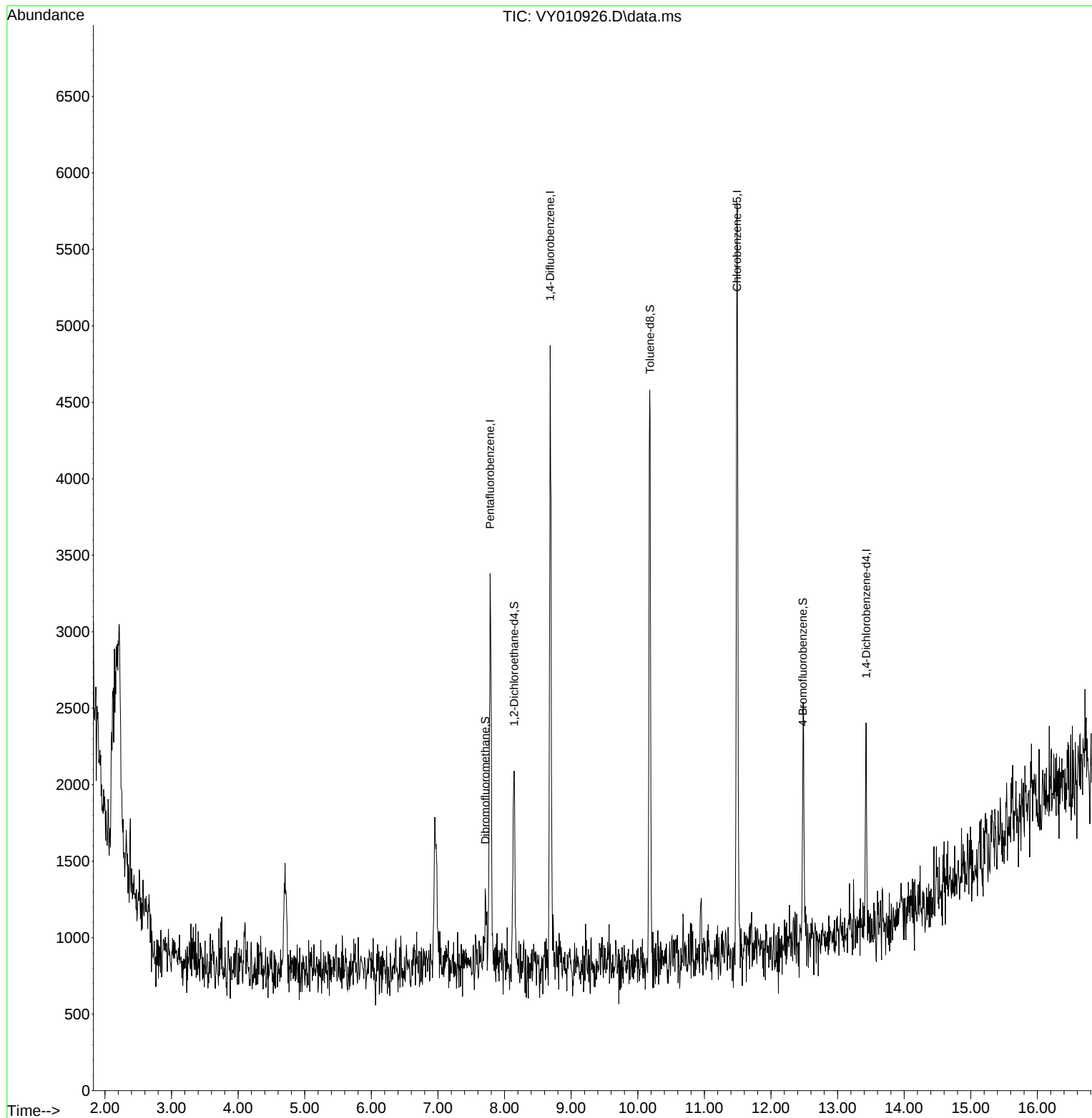
Target Compounds	Qvalue

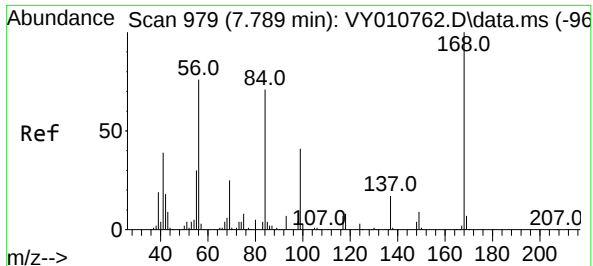
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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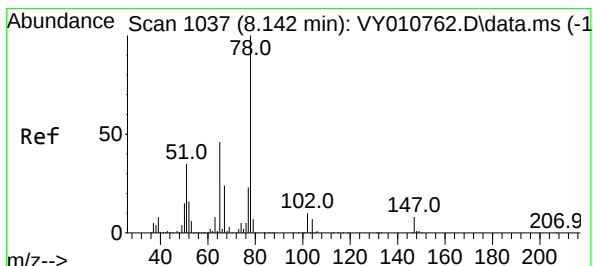
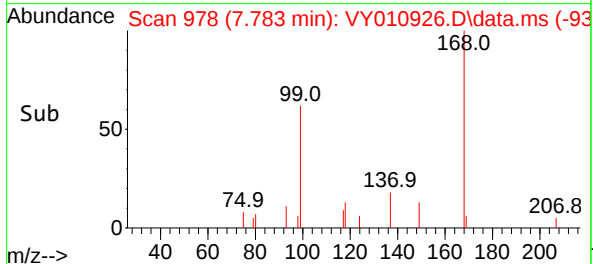
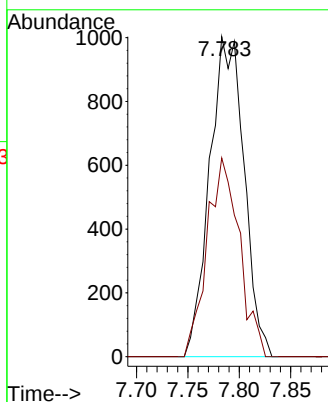
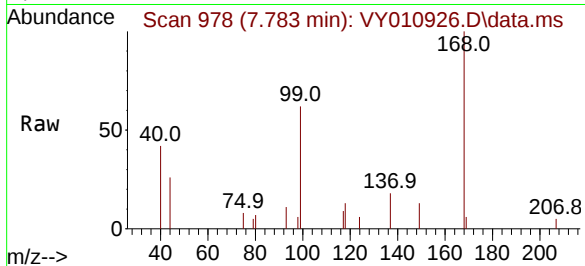




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY010926.D
Acq: 11 Oct 2022 18:37

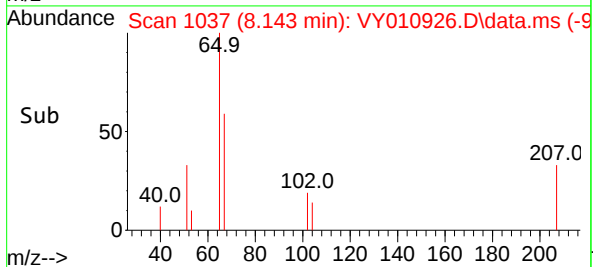
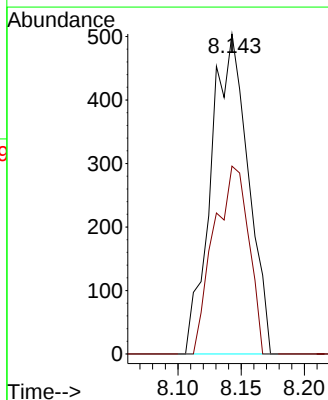
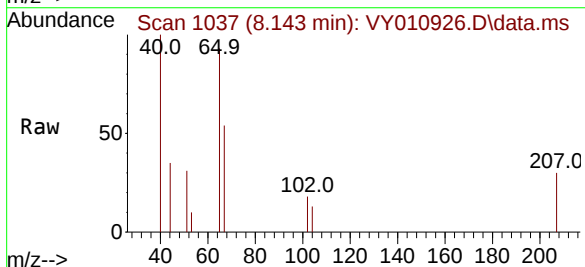
Instrument :
MSVOA_Y
ClientSampleId :
MOUNT-LAUREL-COMP-4-MOUNT-LAUREL-VOC-4

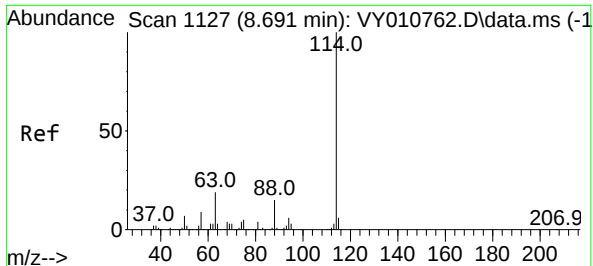
Tgt Ion:168 Resp: 2334
Ion Ratio Lower Upper
168 100
99 62.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 43.537 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY010926.D
Acq: 11 Oct 2022 18:37

Tgt Ion: 65 Resp: 1030
Ion Ratio Lower Upper
65 100
67 55.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY010926.D

Acq: 11 Oct 2022 18:37

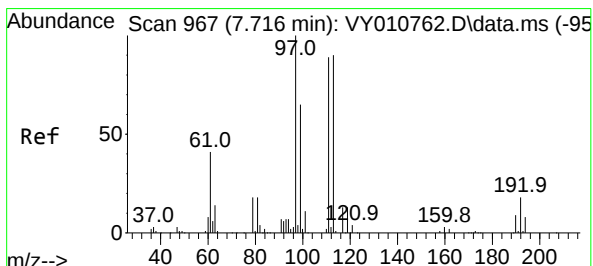
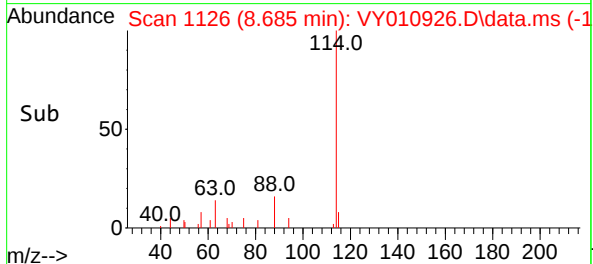
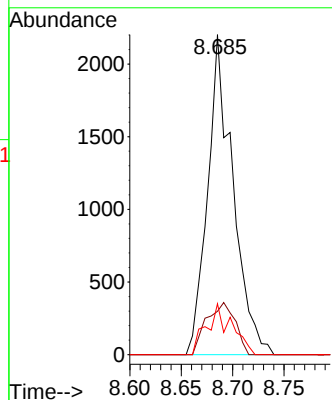
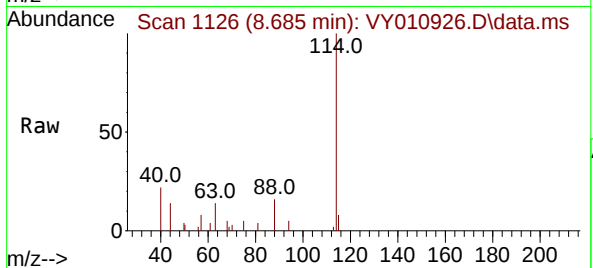
Instrument :

MSVOA_Y

ClientSampleId :

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

Tgt Ion:114	Resp:	3762
Ion	Ratio	Lower Upper
114	100	
63	13.6	0.0 43.2
88	15.9	0.0 31.8



#35

Dibromofluoromethane

Concen: 16.338 ug/l

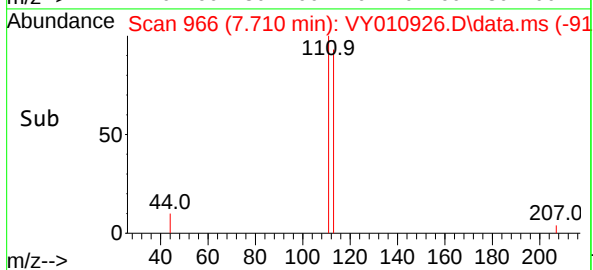
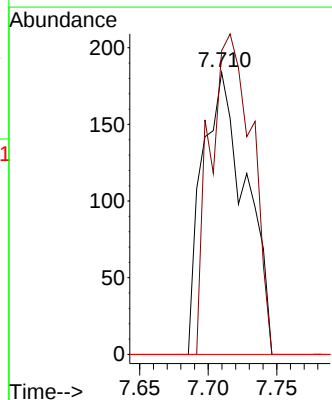
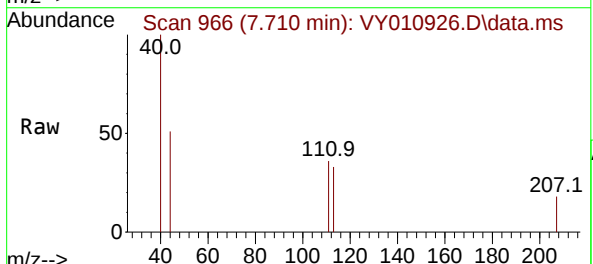
RT: 7.710 min Scan# 966

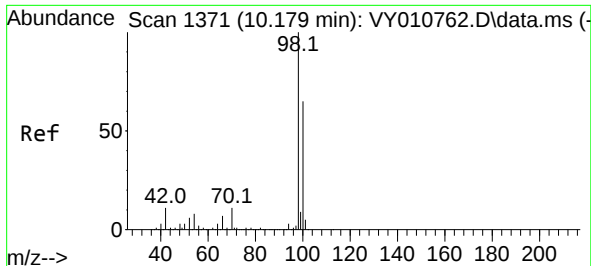
Delta R.T. -0.006 min

Lab File: VY010926.D

Acq: 11 Oct 2022 18:37

Tgt Ion:113	Resp:	408
Ion	Ratio	Lower Upper
113	100	
111	109.1	82.6 124.0
192	0.0	17.6 26.4

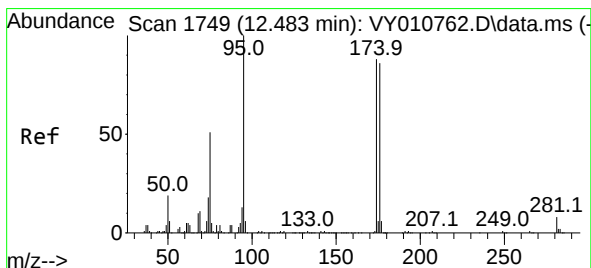
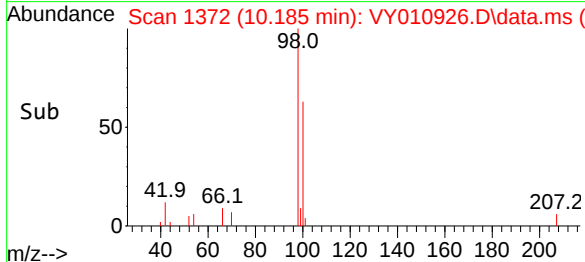
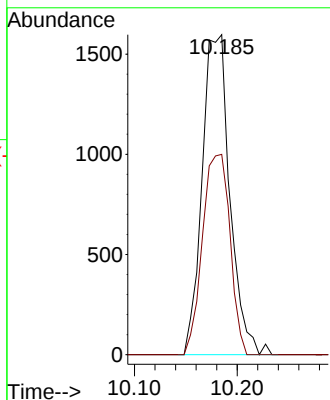
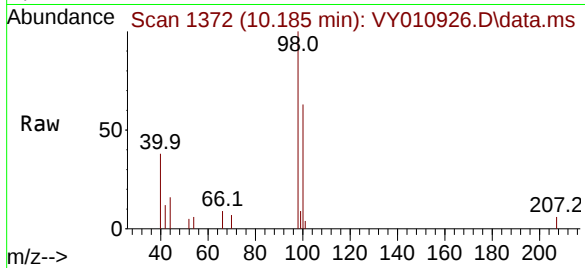




#50
Toluene-d8
Concen: 35.093 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010926.D
Acq: 11 Oct 2022 18:37

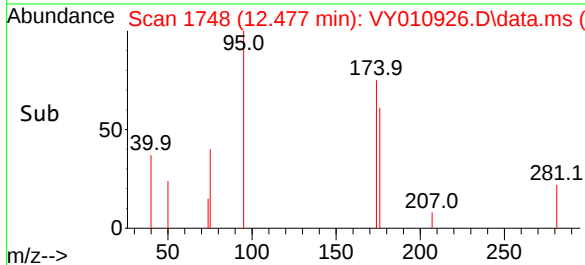
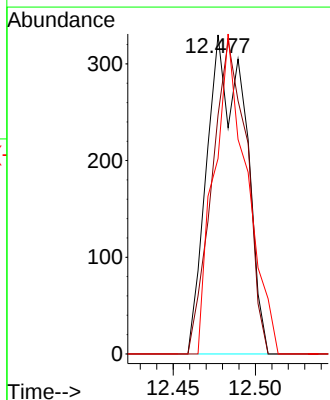
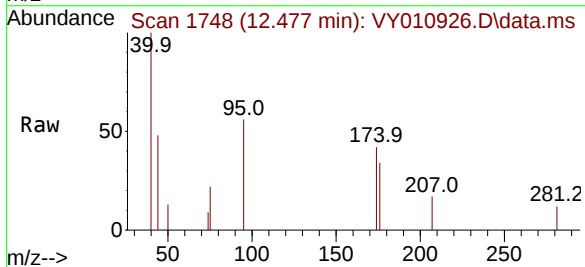
Instrument :
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MOUNT-LAUREL-COMP-4-MOUNT-LAUREL-VOC-4

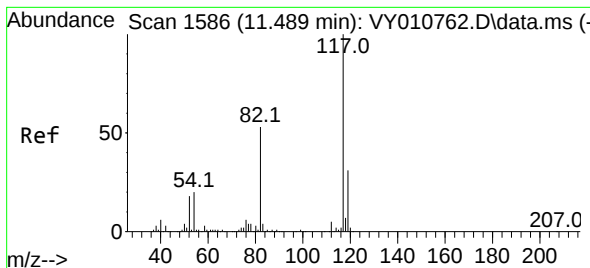
Tgt Ion: 98 Resp: 2997
Ion Ratio Lower Upper
98 100
100 61.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 13.240 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010926.D
Acq: 11 Oct 2022 18:37

Tgt Ion: 95 Resp: 532
Ion Ratio Lower Upper
95 100
174 89.5 0.0 177.0
176 86.1 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY010926.D

Acq: 11 Oct 2022 18:37

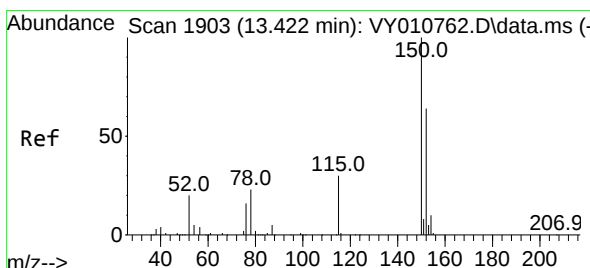
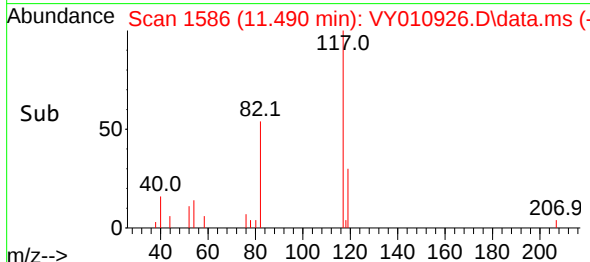
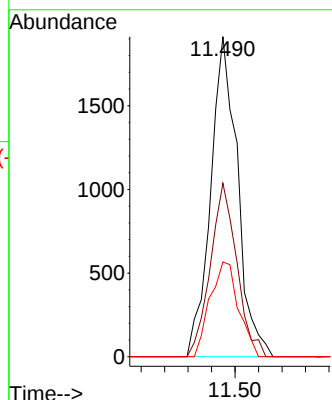
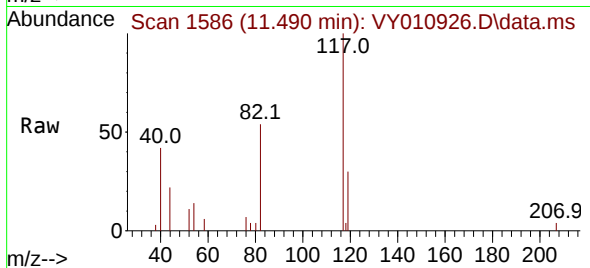
Instrument :

MSVOA_Y

ClientSampleId :

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

Tgt Ion:117	Resp:	3040
Ion	Ratio	Lower Upper
117	100	
82	54.2	43.0 64.4
119	29.6	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: VY010926.D

Acq: 11 Oct 2022 18:37

Tgt Ion:152	Resp:	425
Ion	Ratio	Lower Upper
152	100	
115	49.6	28.2 84.7
150	159.3	0.0 347.6

