

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)

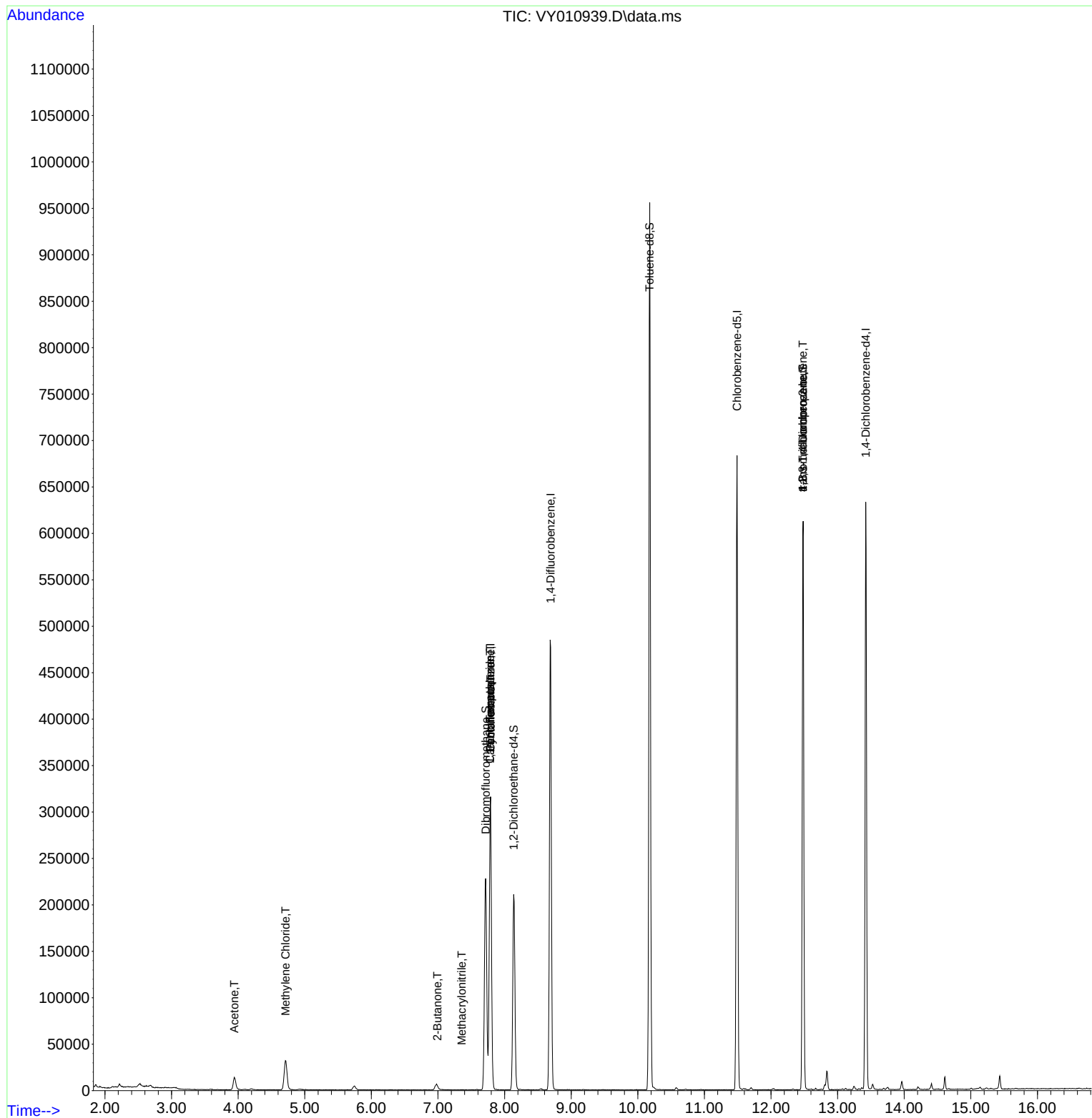
Internal Standards						
1) Pentafluorobenzene	7.789	168	241926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	425307	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	372718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	164778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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						
11) Tert butyl alcohol	4.954	59	547	Below Cal	#	77
16) Acetone	3.942	43	23154	37.177	ug/l #	82
20) Methylene Chloride	4.710	84	24510	4.199	ug/l	85
25) 2-Butanone	6.990	43	2376	2.654	ug/l #	84
31) Cyclohexane	7.789	56	5158	1.175	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	19004	4.663	ug/l #	50
38) Carbon Tetrachloride	7.783	117	24419	5.752	ug/l #	16
41) Methacrylonitrile	7.356	41	22	2.599	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	96996	58.127	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	96996	121.422	ug/l #	7

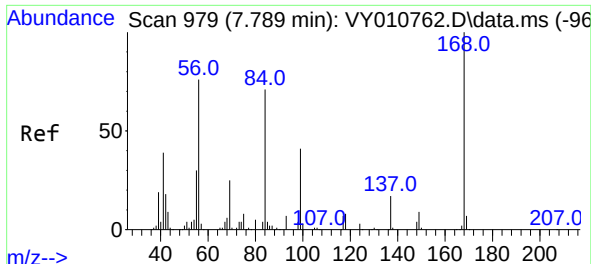
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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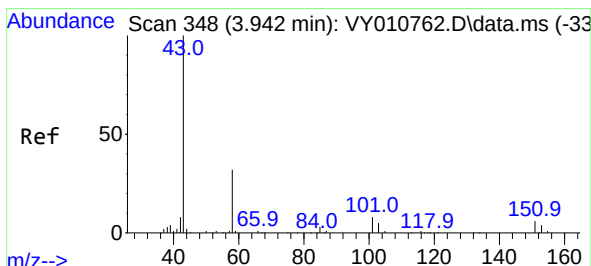
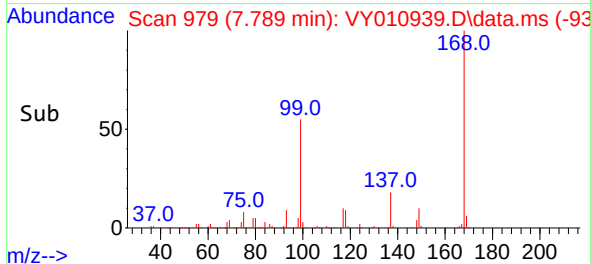
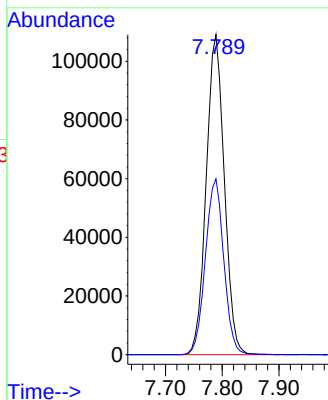
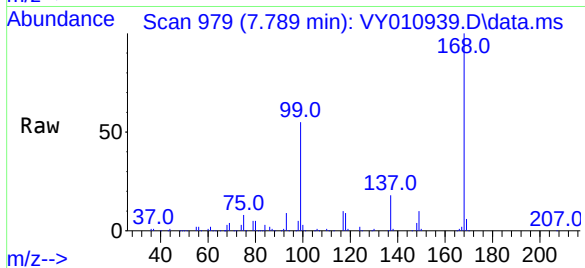




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010939.D
Acq: 12 Oct 2022 14:10

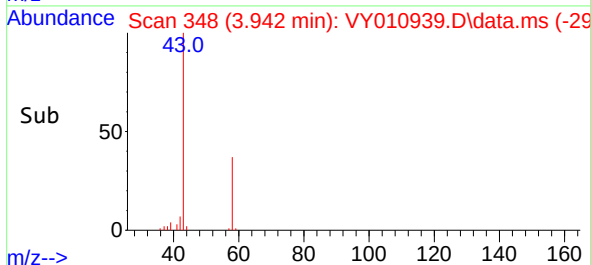
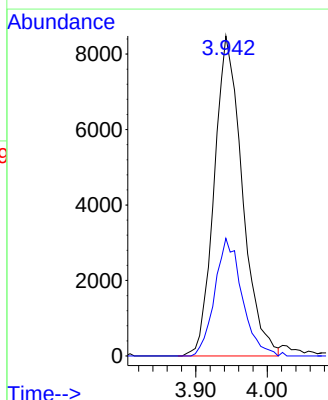
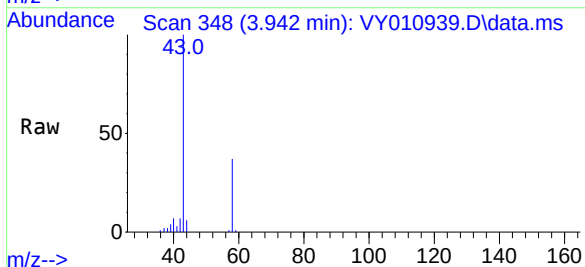
Instrument :
MSVOA_Y
ClientSampleId :
MOUNT-LAUREL-COMP-4-MOUNT-LAUREL-VOC-4

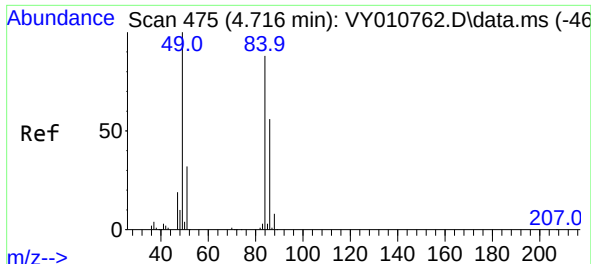
Tgt Ion:168 Resp: 241926
Ion Ratio Lower Upper
168 100
99 55.0 46.9 70.3



#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#



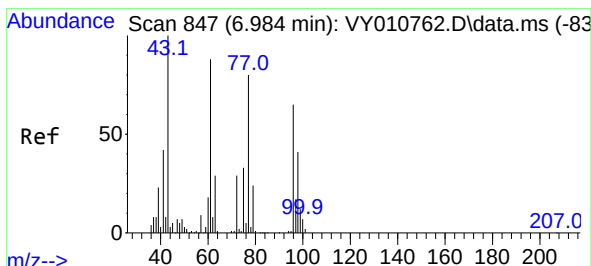
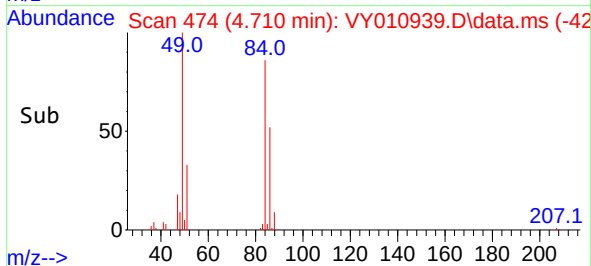
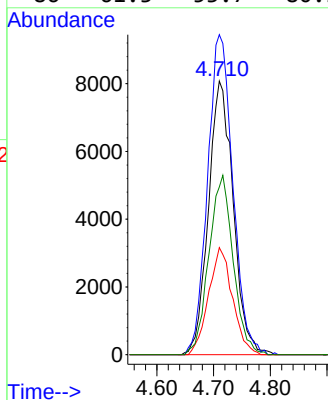
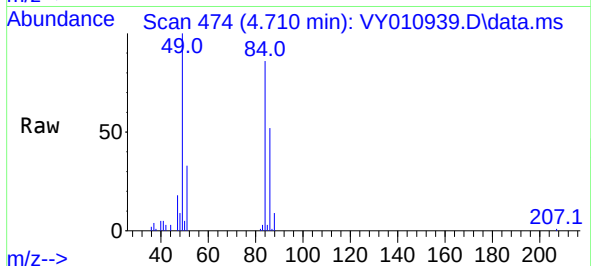


#20
Methylene Chloride
Concen: 4.199 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010939.D
Acq: 12 Oct 2022 14:10

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

Tgt Ion: 84 Resp: 24510

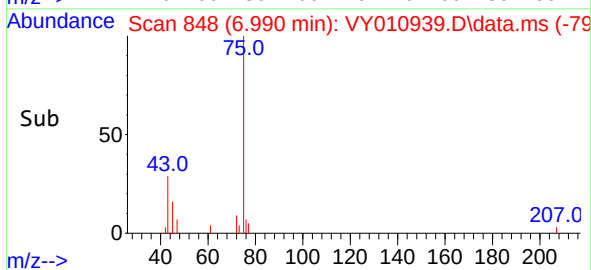
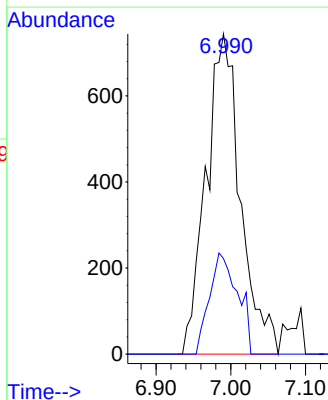
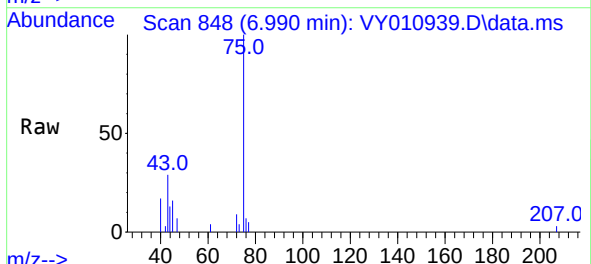
Ion	Ratio	Lower	Upper
84	100		
49	116.9	114.4	171.6
51	39.1	35.3	52.9
86	61.3	53.7	80.5

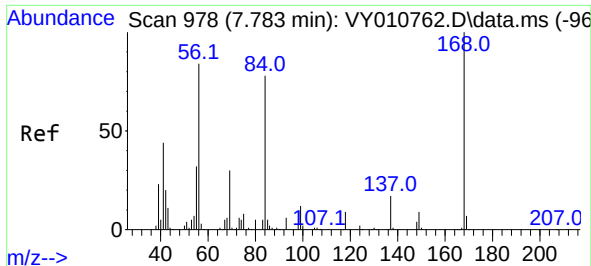


#25
2-Butanone
Concen: 2.654 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY010939.D
Acq: 12 Oct 2022 14:10

Tgt Ion: 43 Resp: 2376

Ion	Ratio	Lower	Upper
43	100		
72	29.8	17.7	26.5

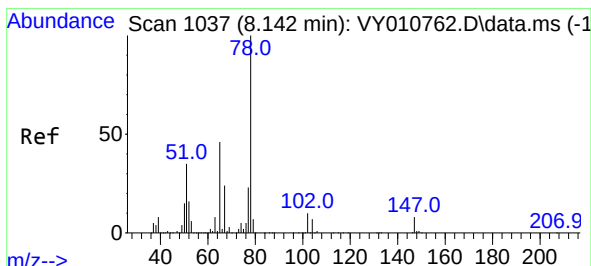
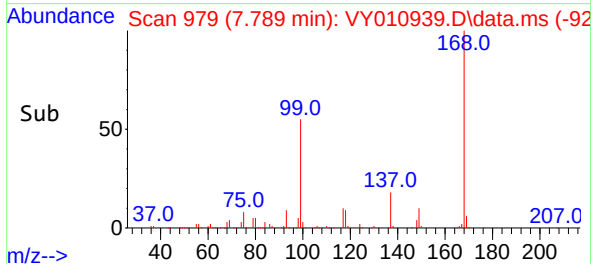
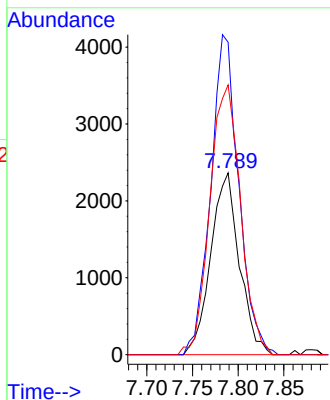
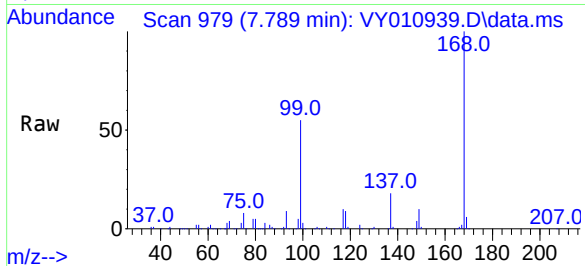




#31
Cyclohexane
Concen: 1.175 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010939.D
Acq: 12 Oct 2022 14:10

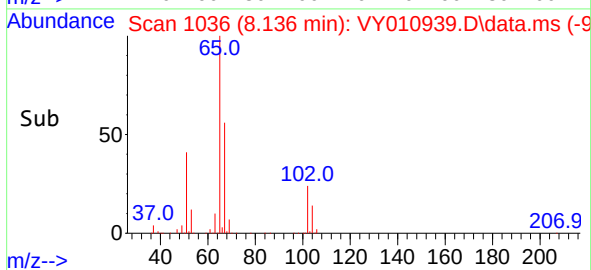
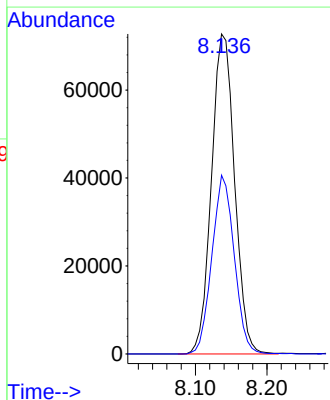
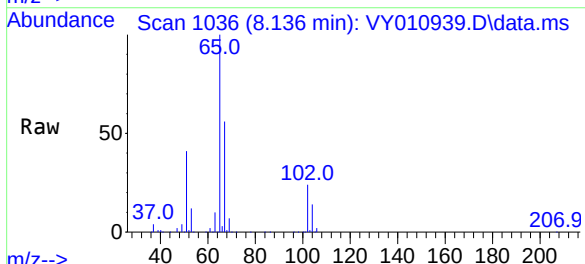
Instrument : MSVOA_Y
ClientSampleId : MOUNT-LAUREL-COMP-4-MOUNT-LAUREL-VOC-4

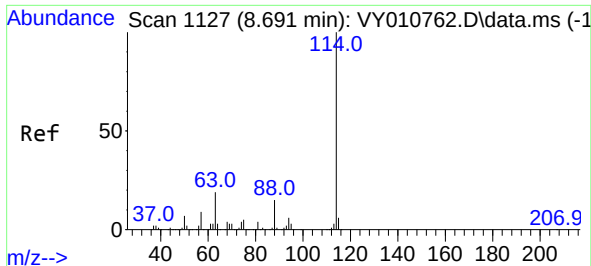
Tgt Ion: 56 Resp: 5158
Ion Ratio Lower Upper
56 100
69 172.0 26.7 40.1#
84 148.5 67.2 100.8#



#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

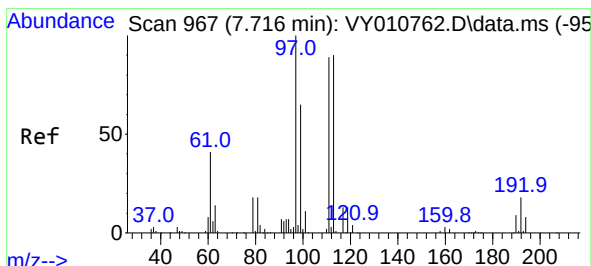
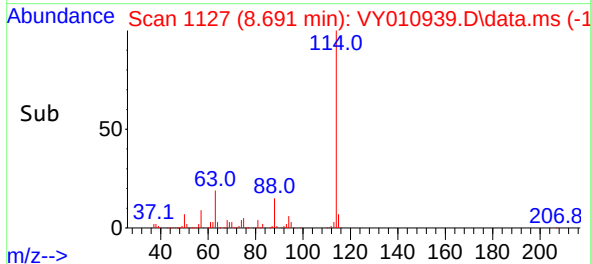
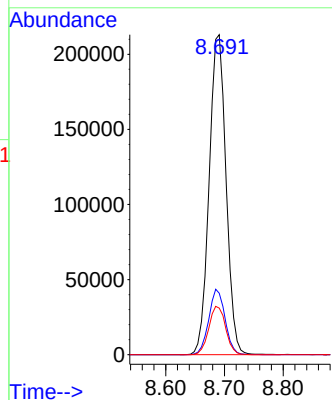
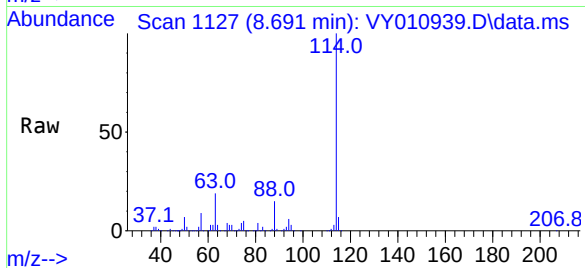
Tgt Ion:114 Resp: 425307

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

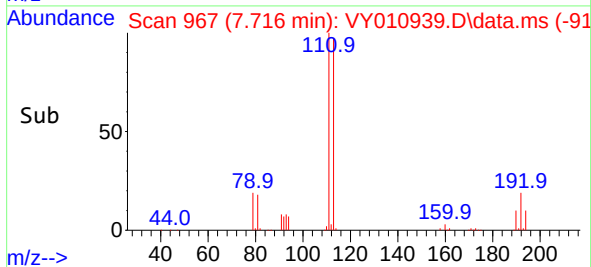
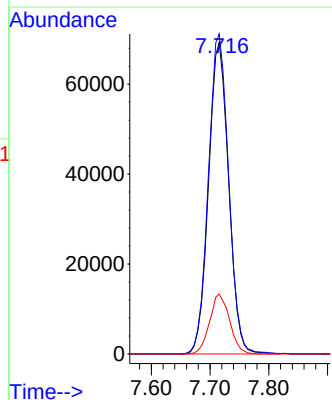
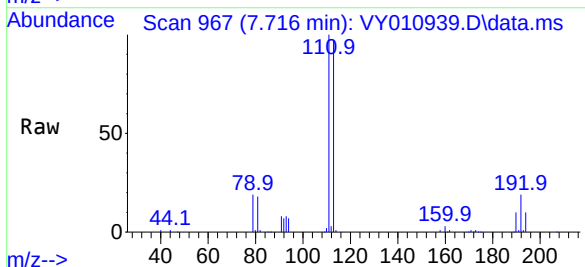
Tgt Ion:113 Resp: 164310

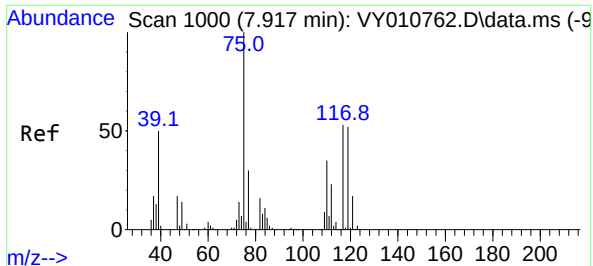
Ion Ratio Lower Upper

113 100

111 104.1 82.6 124.0

192 19.1 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.663 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY010939.D

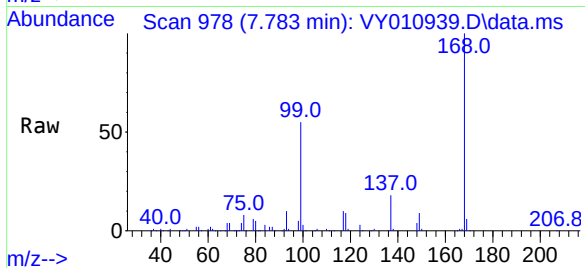
Acq: 12 Oct 2022 14:10

Instrument :

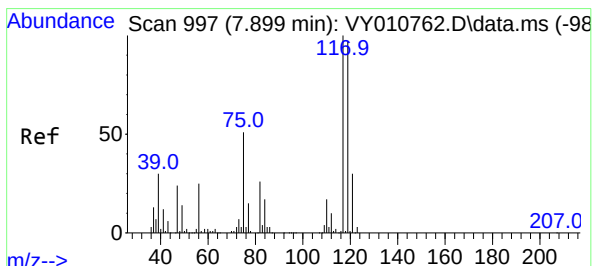
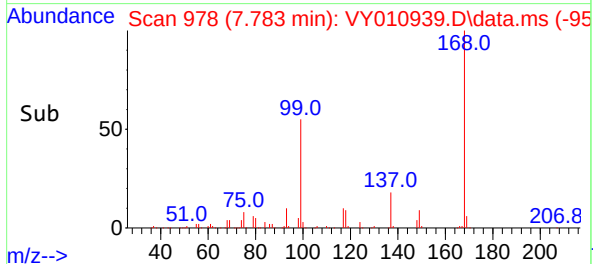
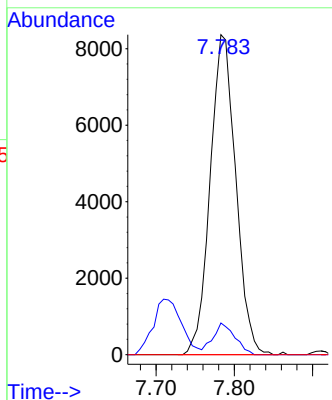
MSVOA_Y

ClientSampleId :

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



Tgt Ion:	75	Resp:	19004
Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.1	51.2#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 5.752 ug/l

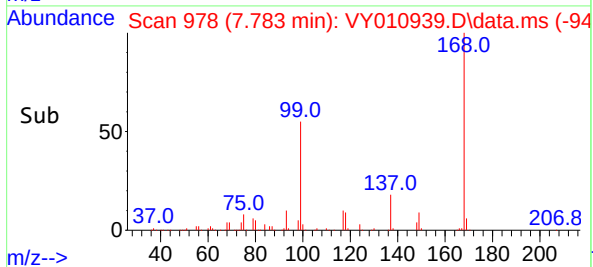
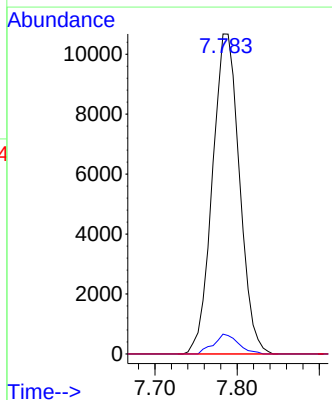
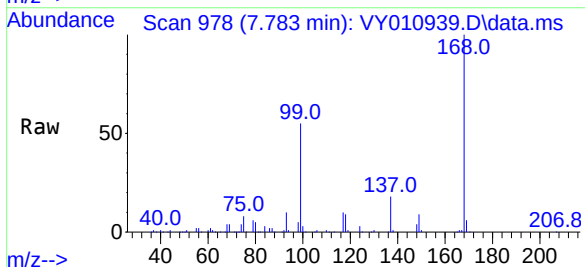
RT: 7.783 min Scan# 978

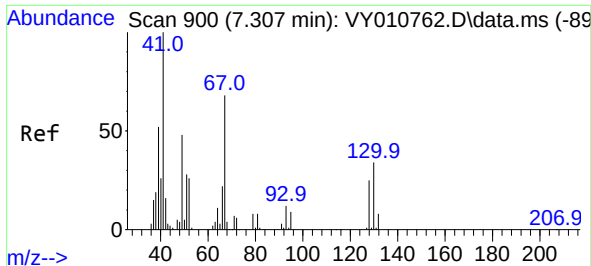
Delta R.T. -0.116 min

Lab File: VY010939.D

Acq: 12 Oct 2022 14:10

Tgt Ion:	117	Resp:	24419
Ion	Ratio	Lower	Upper
117	100		
119	6.2	77.9	116.9#
121	0.0	24.8	37.2#



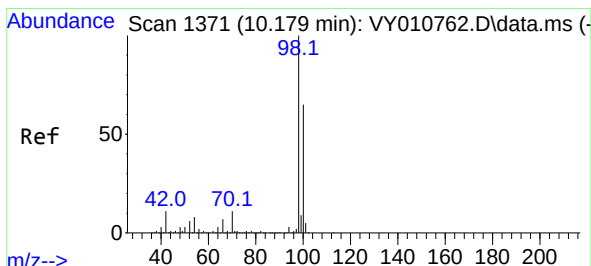
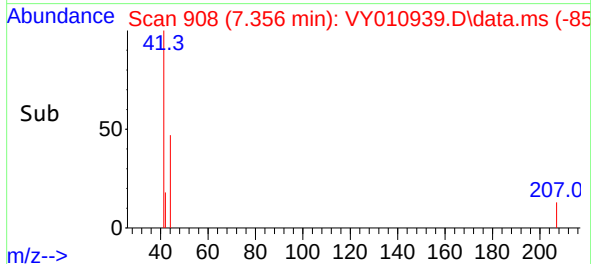
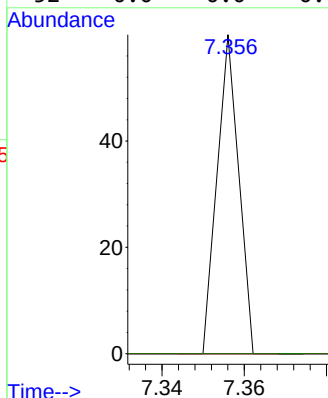
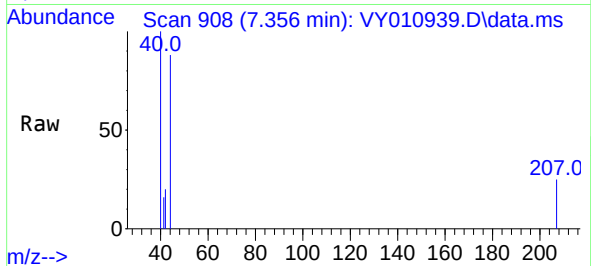


#41
Methacrylonitrile
Concen: 2.599 ug/l
RT: 7.356 min Scan# 900
Delta R.T. 0.049 min
Lab File: VY010939.D
Acq: 12 Oct 2022 14:10

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

Tgt Ion: 41 Resp: 22

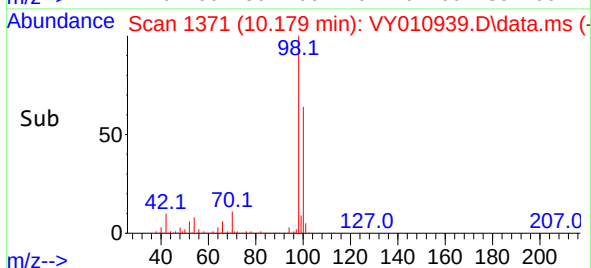
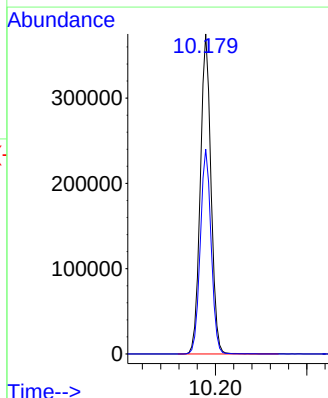
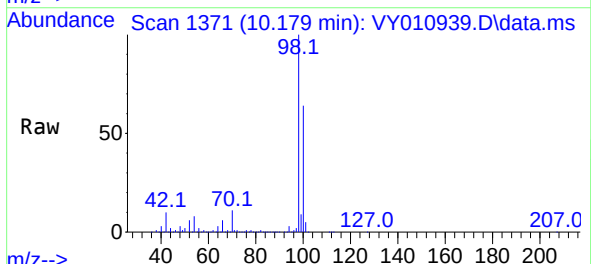
Ion	Ratio	Lower	Upper
41	100		
39	0.0	92.9	139.3#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

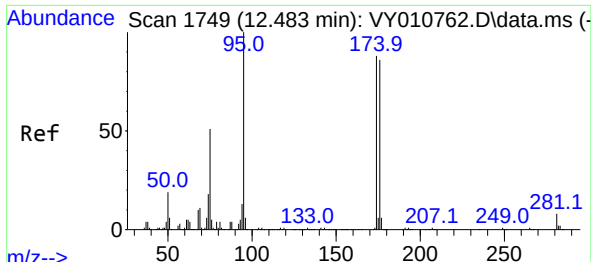


#50
Toluene-d8
Concen: 62.632 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010939.D
Acq: 12 Oct 2022 14:10

Tgt Ion: 98 Resp: 604713

Ion	Ratio	Lower	Upper
98	100		
100	64.8	50.2	75.2

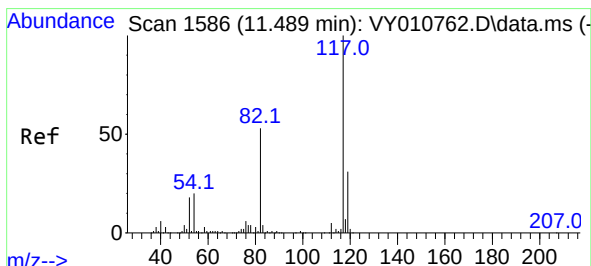
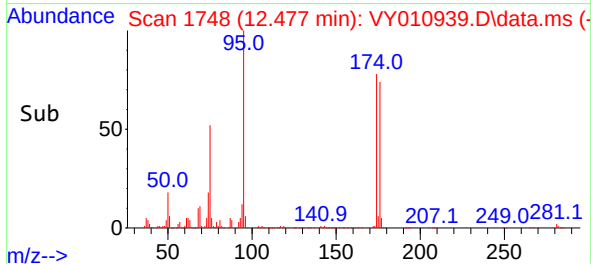
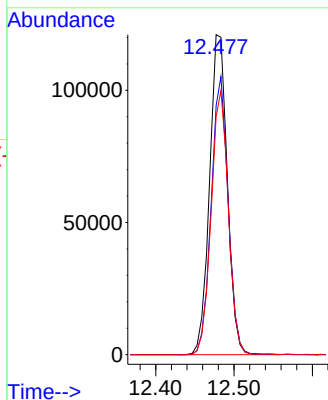
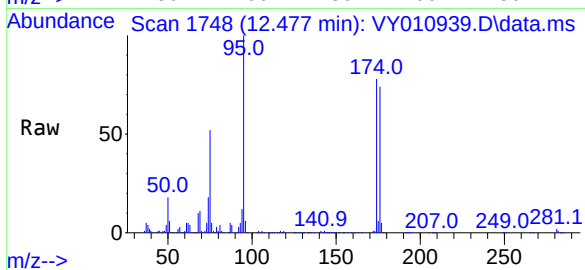




#62
4-Bromofluorobenzene
Concen: 50.538 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010939.D
Acq: 12 Oct 2022 14:10

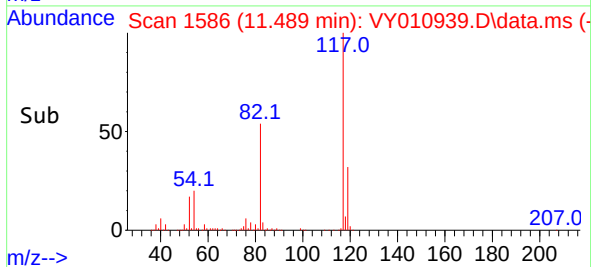
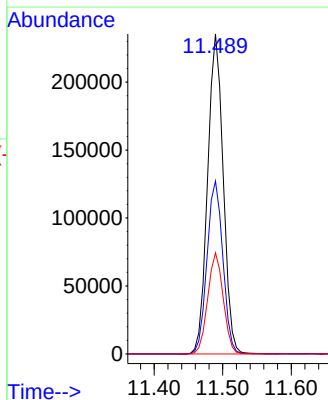
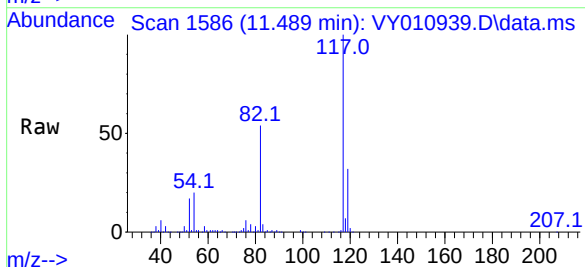
Instrument : MSVOA_Y
ClientSampleId : MOUNT-LAUREL-COMP-4-MOUNT-LAUREL-VOC-4

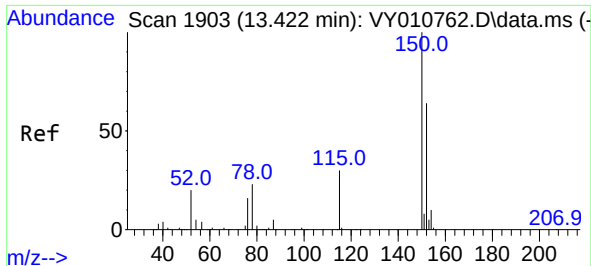
Tgt Ion: 95 Resp: 190484
Ion Ratio Lower Upper
95 100
174 83.1 0.0 177.0
176 79.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010939.D
Acq: 12 Oct 2022 14:10

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

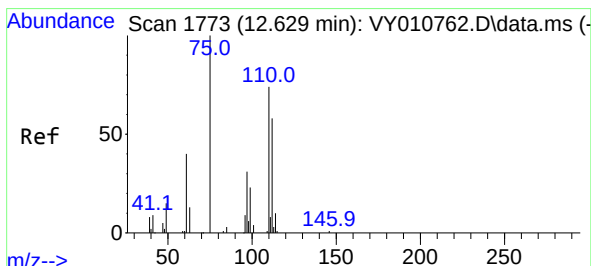
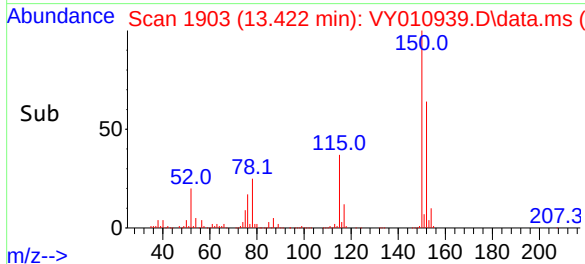
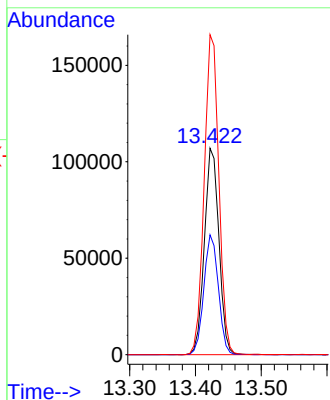
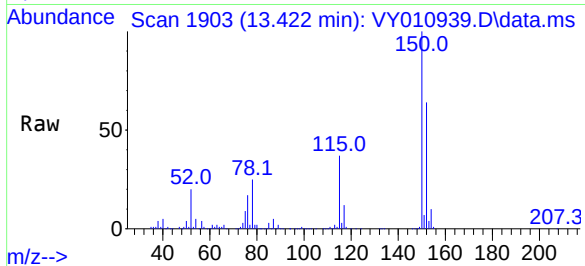




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY010939.D
 Acq: 12 Oct 2022 14:10

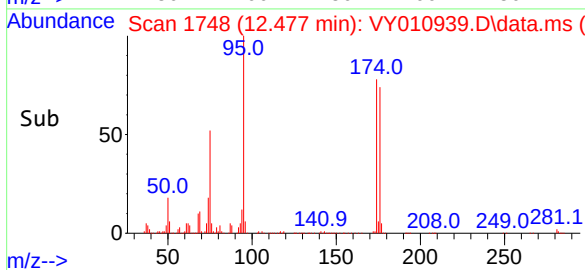
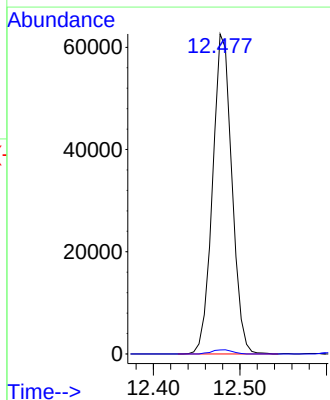
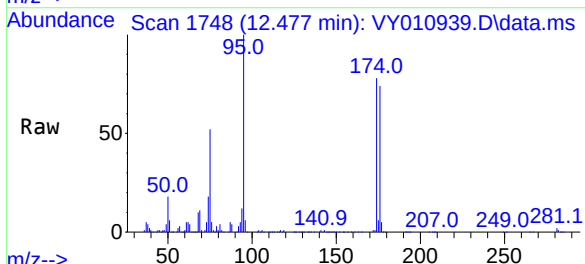
Instrument : MSVOA_Y
 ClientSampleId : MOUNT-LAUREL-COMP-4-MOUNT-LAUREL-VOC-4

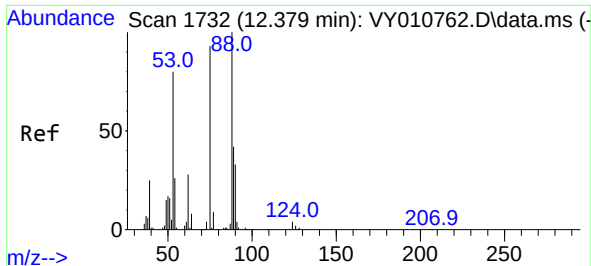
Tgt Ion:152 Resp: 164778
 Ion Ratio Lower Upper
 152 100
 115 58.0 28.2 84.7
 150 155.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 58.127 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY010939.D
 Acq: 12 Oct 2022 14:10

Tgt Ion: 75 Resp: 96996
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 121.422 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 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: 75 Resp: 96996
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.0 37.0 55.4#

