

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101222\
 Data File : VY010938.D
 Acq On : 12 Oct 2022 13:47
 Operator : KP/MD
 Sample : N5083-05
 Misc : 5.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MOUNT-LAUREL-COMP-3-MOUNT-LAUREL-VOC-3

Quant Time: Oct 13 05:34:46 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)

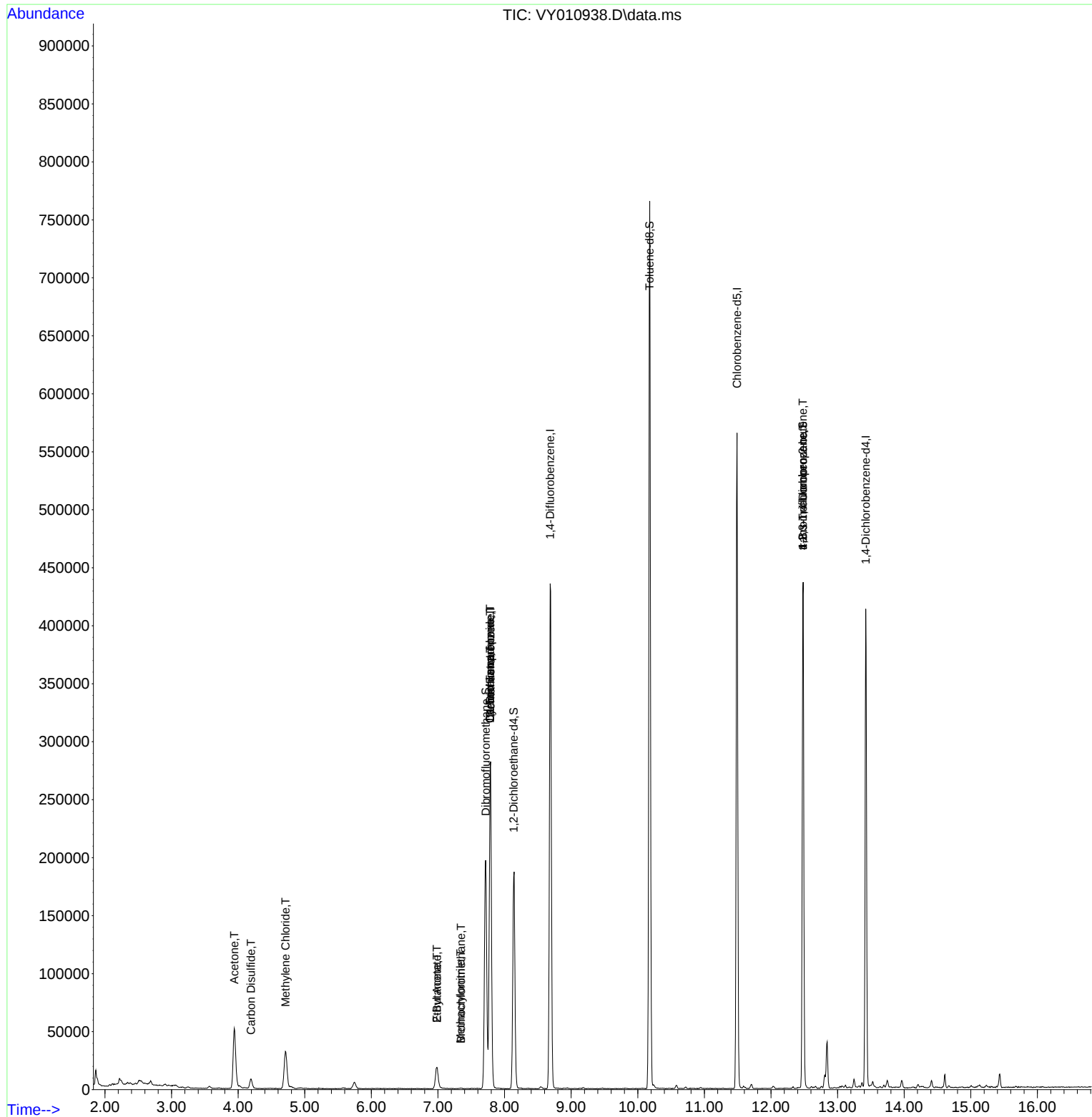
Internal Standards						
1) Pentafluorobenzene	7.789	168	219929	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	378852	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	306156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	107294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	143719	64.470	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 128.940%			
35) Dibromofluoromethane	7.716	113	143289	56.977	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.960%			
50) Toluene-d8	10.179	98	501768	58.342	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 116.680%			
62) 4-Bromofluorobenzene	12.477	95	136310	39.818	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 79.640%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	544	Below Cal	#	77
13) Acrolein	3.729	56	103	Below Cal	#	14
16) Acetone	3.942	43	90628	160.071	ug/l #	86
17) Carbon Disulfide	4.192	76	15964	2.376	ug/l	97
20) Methylene Chloride	4.710	84	24626	5.254	ug/l	85
25) 2-Butanone	6.984	43	26590	32.666	ug/l	92
28) Bromochloromethane	7.344	49	19	4.723	ug/l #	16
31) Cyclohexane	7.783	56	4660	1.168	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	17173	4.730	ug/l #	51
37) Ethyl Acetate	6.984	43	26590	14.925	ug/l #	74
38) Carbon Tetrachloride	7.783	117	21569	5.704	ug/l #	16
41) Methacrylonitrile	7.338	41	182	2.747	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	69403	63.874	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	69403	133.428	ug/l #	7

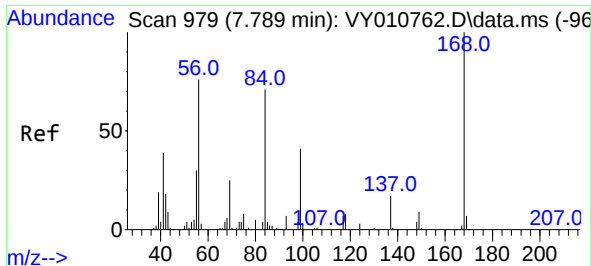
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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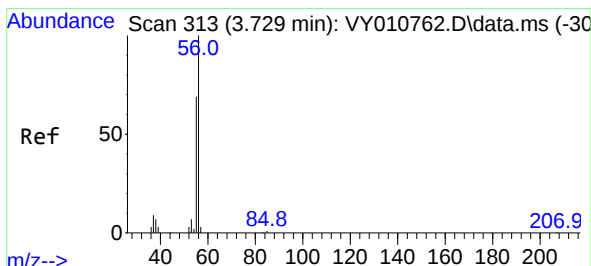
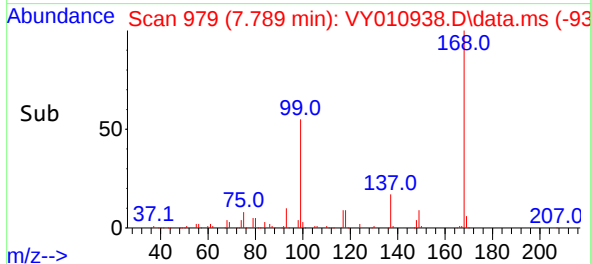
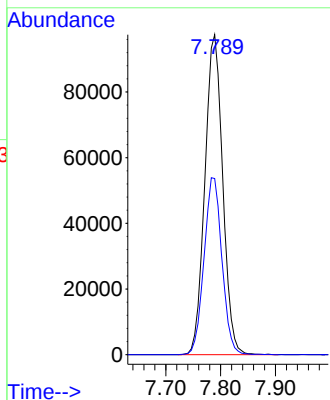
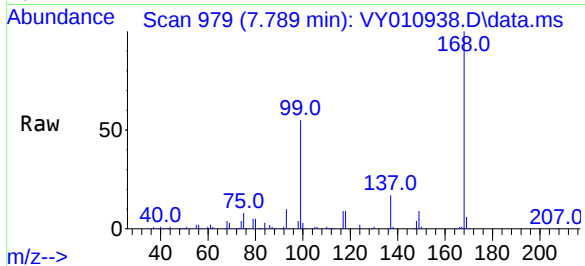




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010938.D
Acq: 12 Oct 2022 13:47

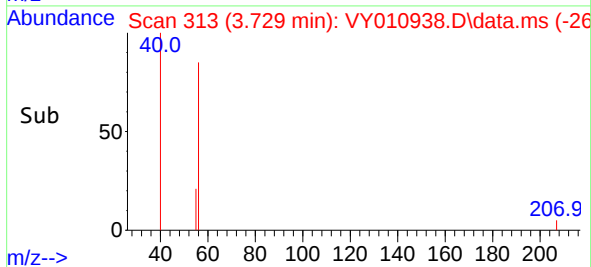
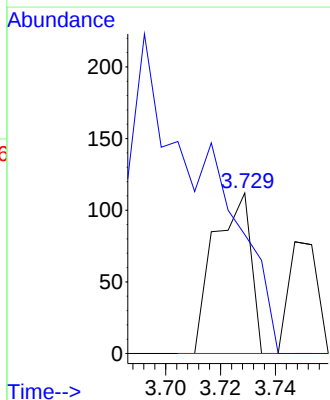
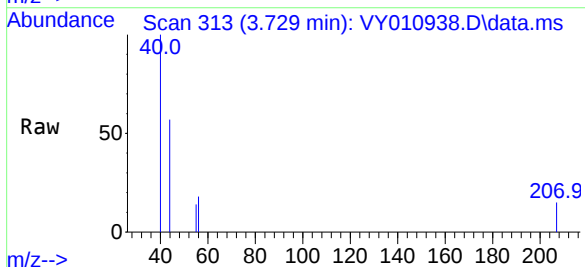
Instrument :
MSVOA_Y
ClientSampleId :
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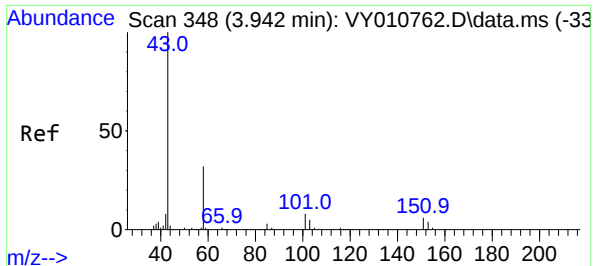
Tgt Ion:168 Resp: 219929
Ion Ratio Lower Upper
168 100
99 55.1 46.9 70.3



#13
Acrolein
Concen: Below Cal
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY010938.D
Acq: 12 Oct 2022 13:47

Tgt Ion: 56 Resp: 103
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#

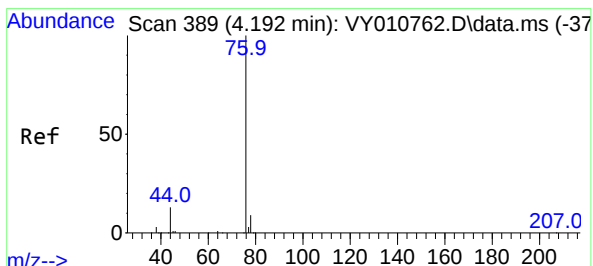
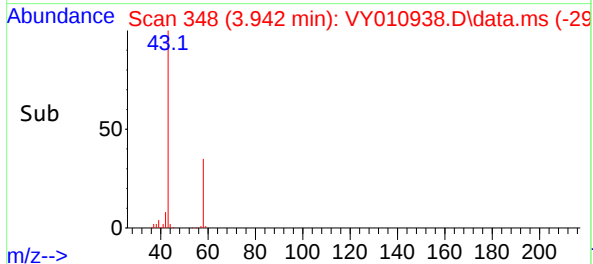
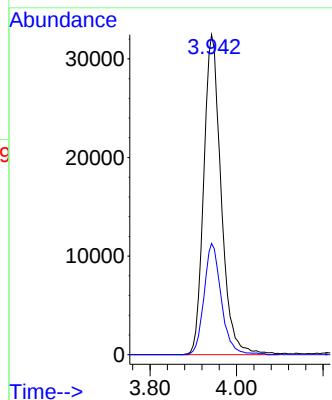
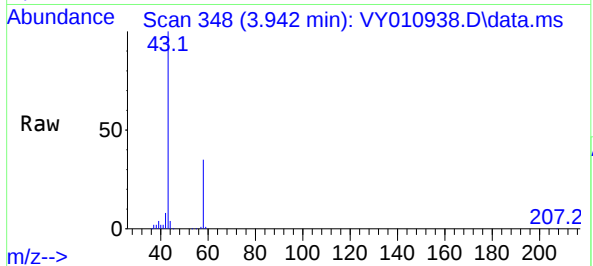




#16
Acetone
Concen: 160.071 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010938.D
Acq: 12 Oct 2022 13:47

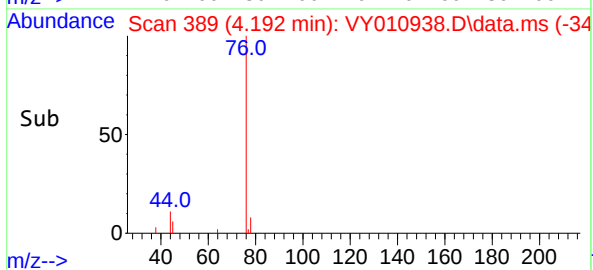
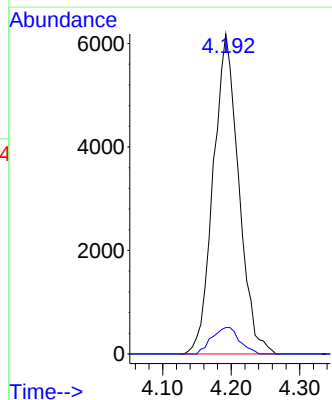
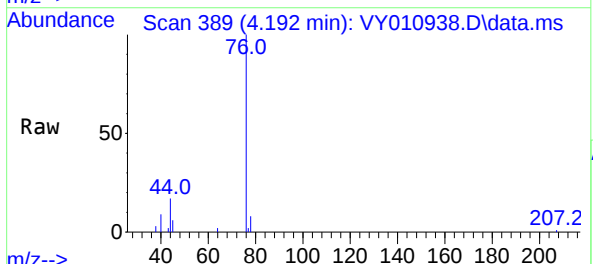
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ClientSampleId : MOUNT-LAUREL-COMP-3-MOUNT-LAUREL-VOC-3

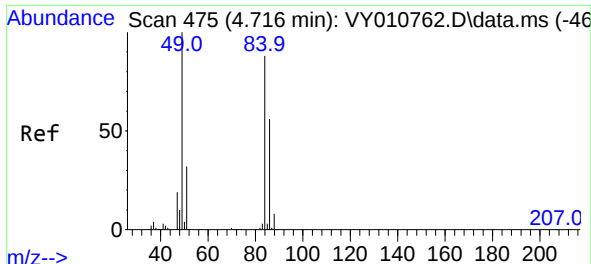
Tgt Ion: 43 Resp: 90628
Ion Ratio Lower Upper
43 100
58 34.7 22.0 33.0#



#17
Carbon Disulfide
Concen: 2.376 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY010938.D
Acq: 12 Oct 2022 13:47

Tgt Ion: 76 Resp: 15964
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0



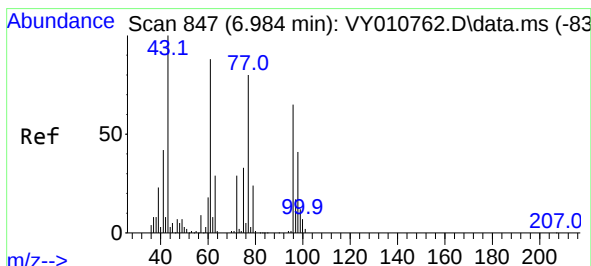
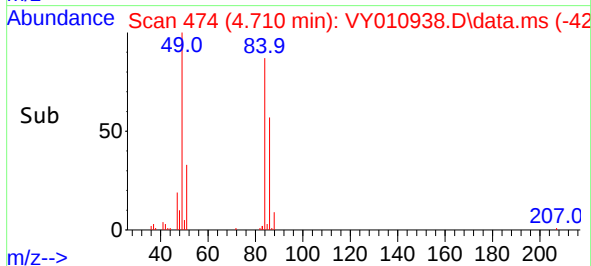
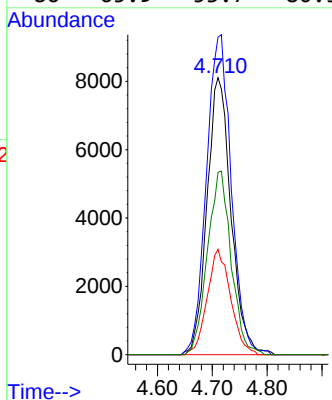
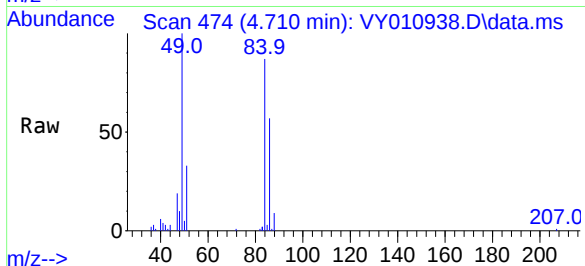


#20
Methylene Chloride
Concen: 5.254 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010938.D
Acq: 12 Oct 2022 13:47

Instrument :
MSVOA_Y
ClientSampleId :
MOUNT-LAUREL-COMP-3-MOUNT-LAUREL-VOC-3

Tgt Ion: 84 Resp: 24626

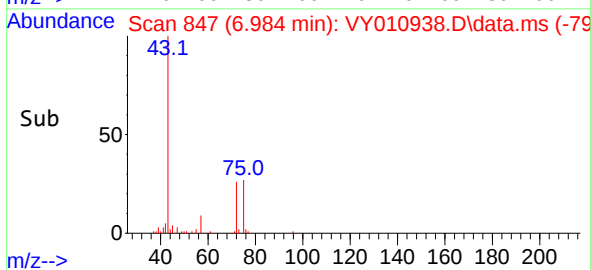
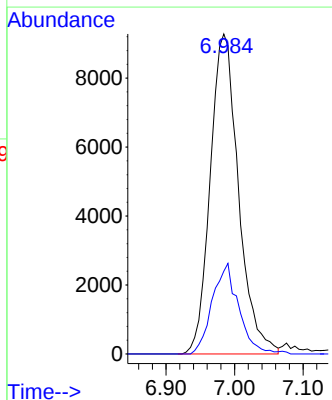
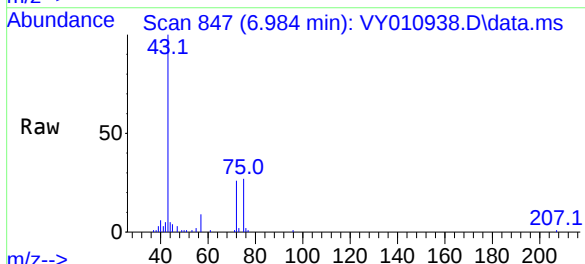
Ion	Ratio	Lower	Upper
84	100		
49	114.7	114.4	171.6
51	38.0	35.3	52.9
86	65.9	53.7	80.5

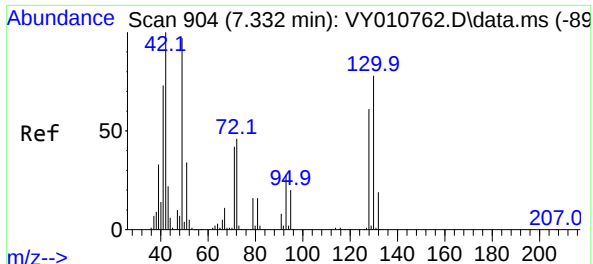


#25
2-Butanone
Concen: 32.666 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY010938.D
Acq: 12 Oct 2022 13:47

Tgt Ion: 43 Resp: 26590

Ion	Ratio	Lower	Upper
43	100		
72	25.9	17.7	26.5





#28

Bromochloromethane

Concen: 4.723 ug/l

RT: 7.344 min Scan# 904

Delta R.T. 0.012 min

Lab File: VY010938.D

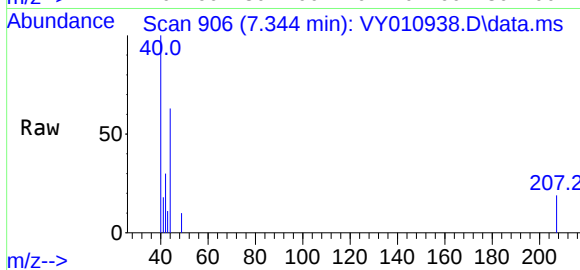
Acq: 12 Oct 2022 13:47

Instrument :

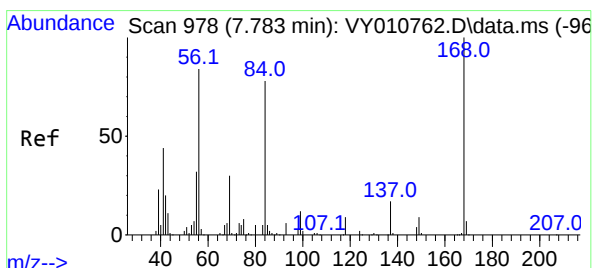
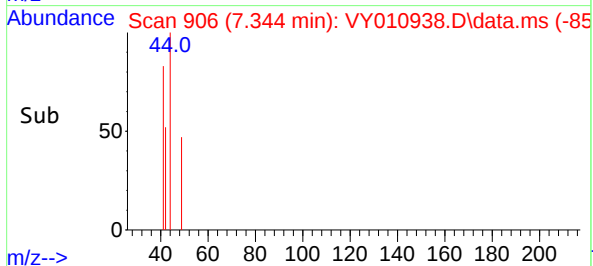
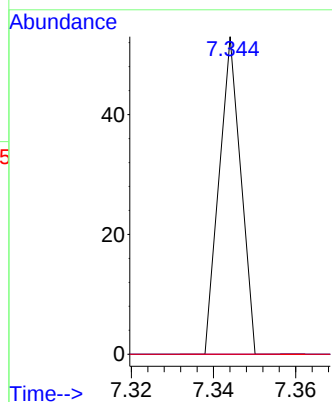
MSVOA_Y

ClientSampleId :

MOUNT-LAUREL-COMP-3-MOUNT-LAUREL-VOC-3



Tgt Ion:	49	Resp:	19
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.2
130	0.0	55.4	83.0



#31

Cyclohexane

Concen: 1.168 ug/l

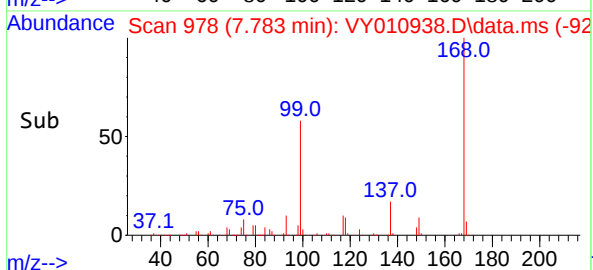
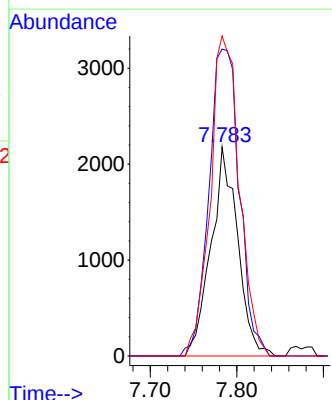
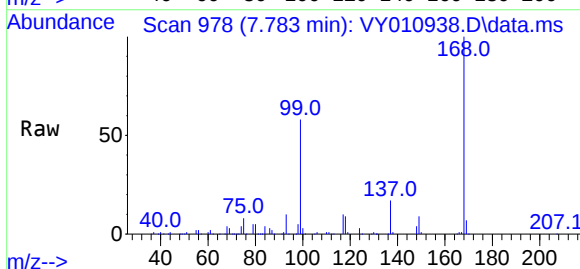
RT: 7.783 min Scan# 978

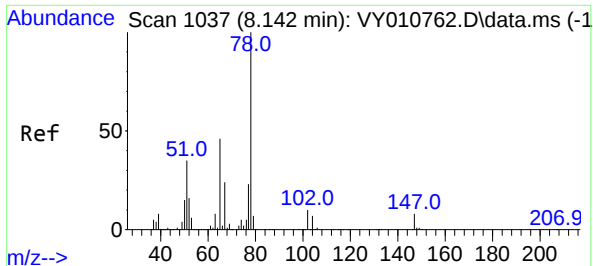
Delta R.T. -0.000 min

Lab File: VY010938.D

Acq: 12 Oct 2022 13:47

Tgt Ion:	56	Resp:	4660
Ion	Ratio	Lower	Upper
56	100		
69	146.9	26.7	40.1
84	153.1	67.2	100.8





#33

1,2-Dichloroethane-d4

Concen: 64.470 ug/l

RT: 8.137 min Scan# 1

Delta R.T. -0.005 min

Lab File: VY010938.D

Acq: 12 Oct 2022 13:47

Instrument :

MSVOA_Y

ClientSampleId :

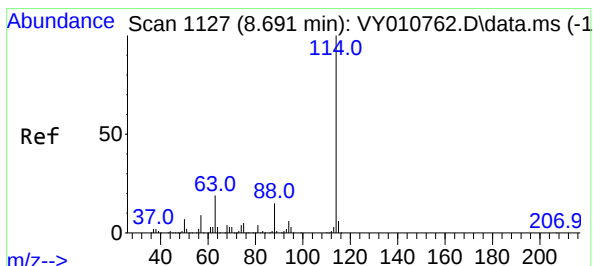
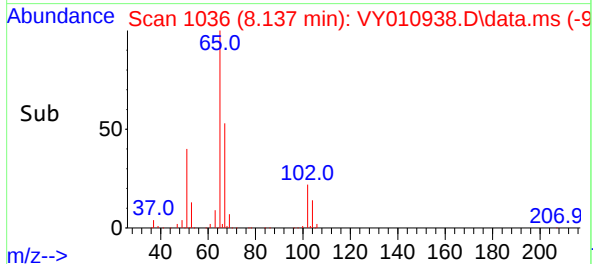
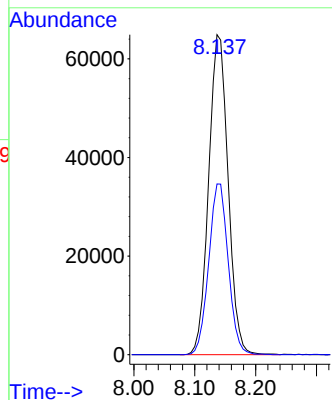
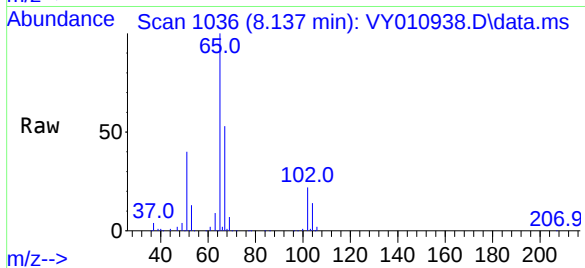
MOUNT-LAUREL-COMP-3-MOUNT-LAUREL-VOC-3

Tgt Ion: 65 Resp: 143719

Ion Ratio Lower Upper

65 100

67 53.6 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: VY010938.D

Acq: 12 Oct 2022 13:47

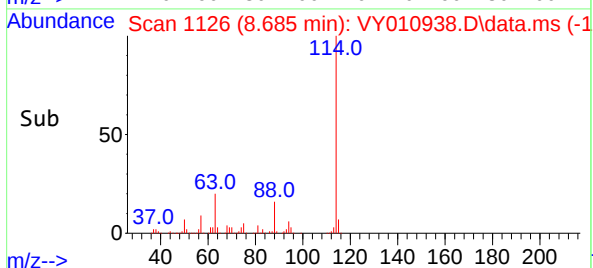
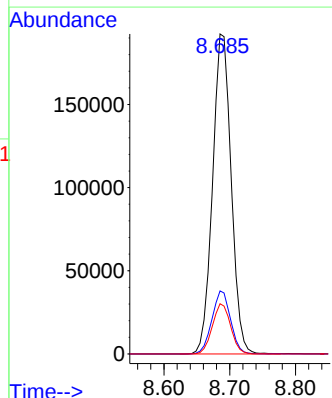
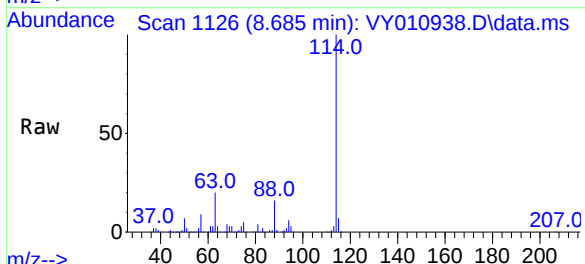
Tgt Ion: 114 Resp: 378852

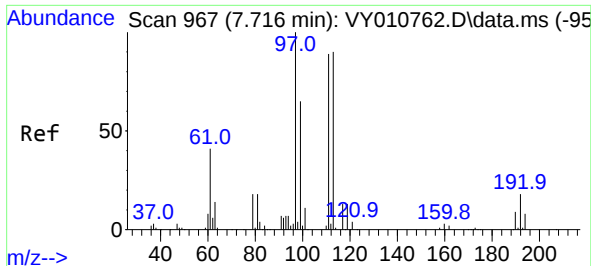
Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 15.7 0.0 31.8

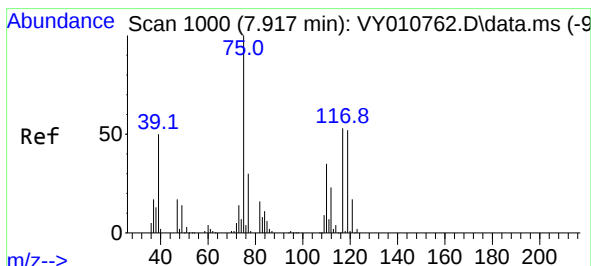
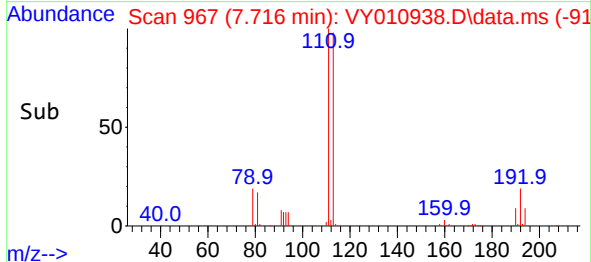
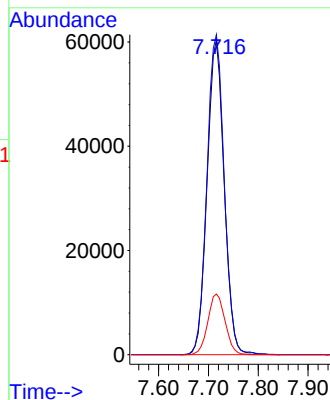
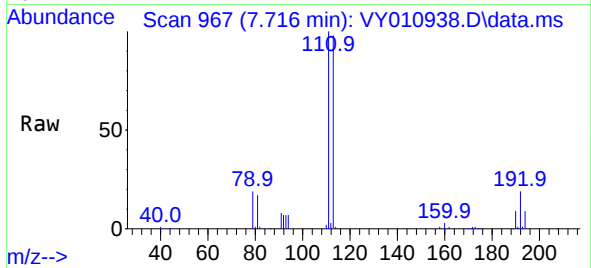




#35
Dibromofluoromethane
Concen: 56.977 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010938.D
Acq: 12 Oct 2022 13:47

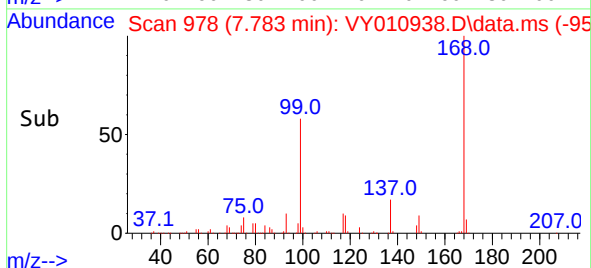
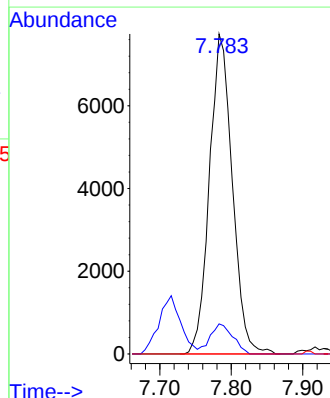
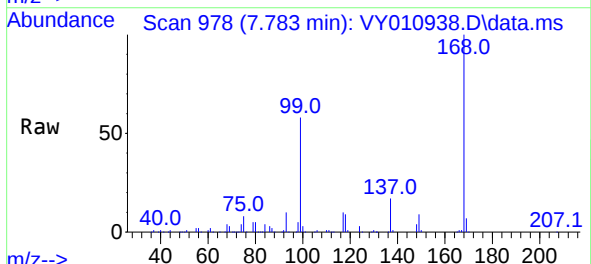
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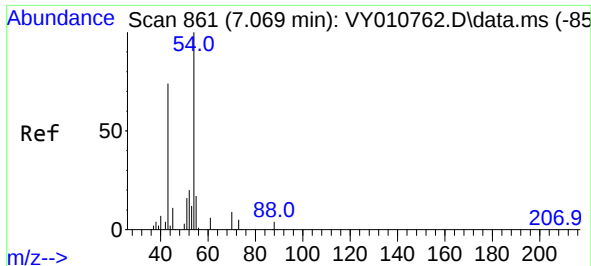
Tgt Ion:113 Resp: 143289
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 19.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.730 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY010938.D
Acq: 12 Oct 2022 13:47

Tgt Ion: 75 Resp: 17173
Ion Ratio Lower Upper
75 100
110 9.4 17.1 51.2#
77 0.0 24.4 36.6#

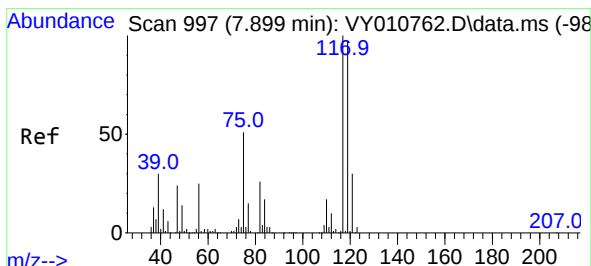
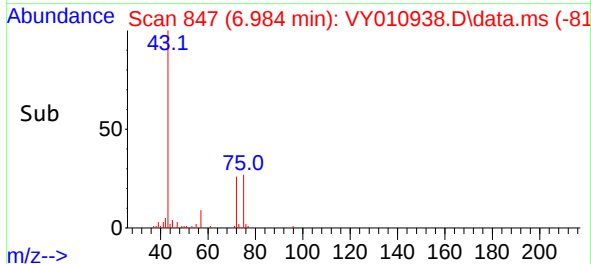
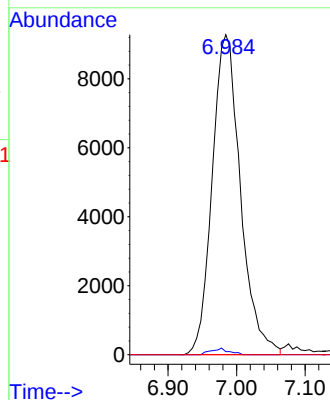
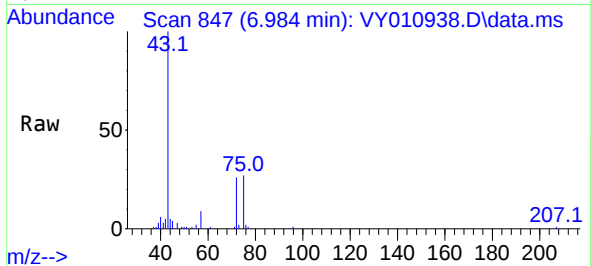




#37
Ethyl Acetate
Concen: 14.925 ug/l
RT: 6.984 min Scan# 84
Delta R.T. -0.085 min
Lab File: VY010938.D
Acq: 12 Oct 2022 13:47

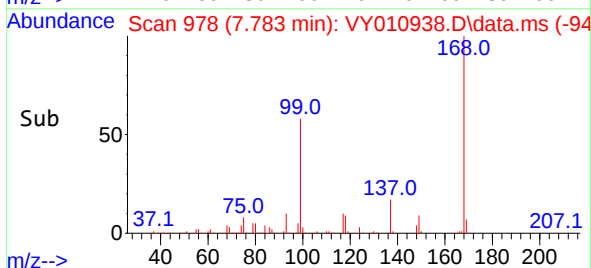
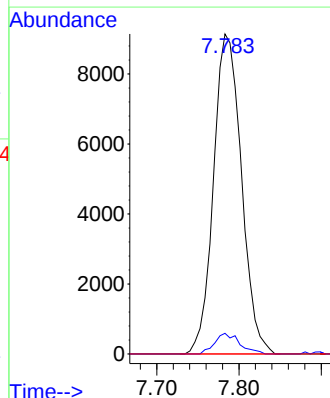
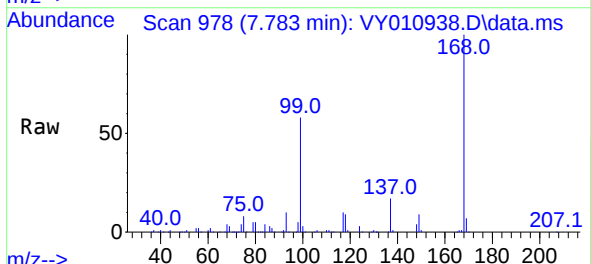
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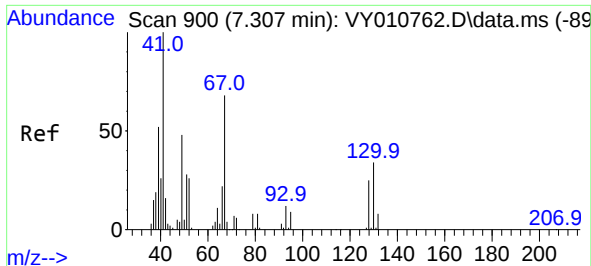
Tgt Ion: 43 Resp: 26590
Ion Ratio Lower Upper
43 100
61 1.3 9.7 14.5#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.704 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY010938.D
Acq: 12 Oct 2022 13:47

Tgt Ion: 117 Resp: 21569
Ion Ratio Lower Upper
117 100
119 6.5 77.9 116.9#
121 0.0 24.8 37.2#

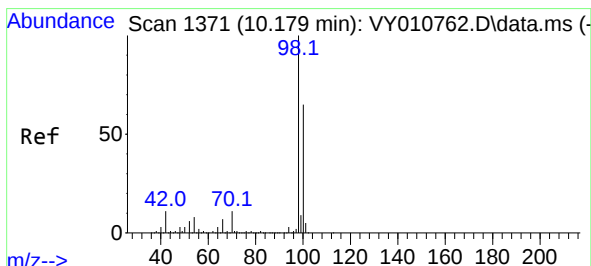
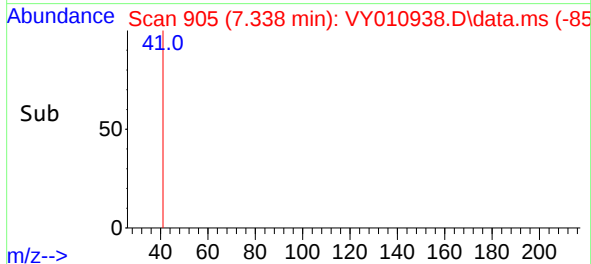
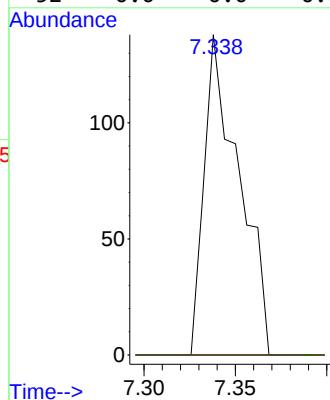
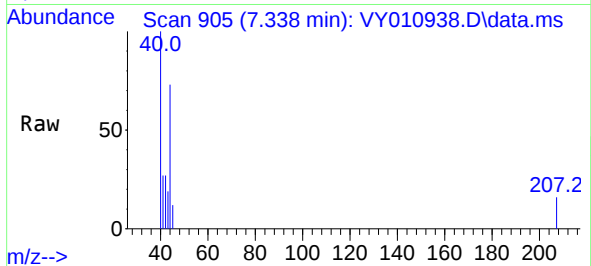




#41
Methacrylonitrile
Concen: 2.747 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.031 min
Lab File: VY010938.D
Acq: 12 Oct 2022 13:47

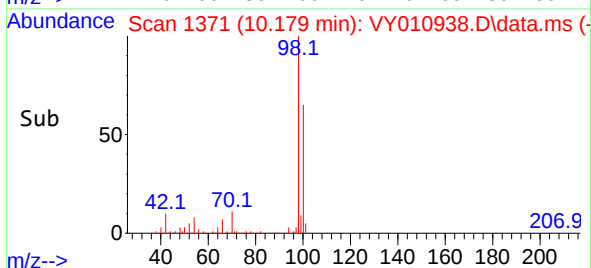
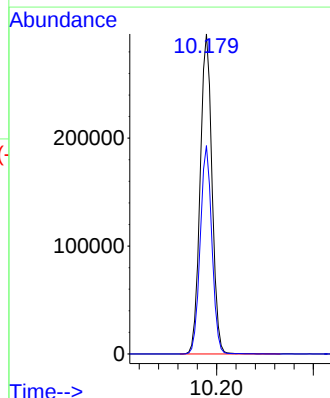
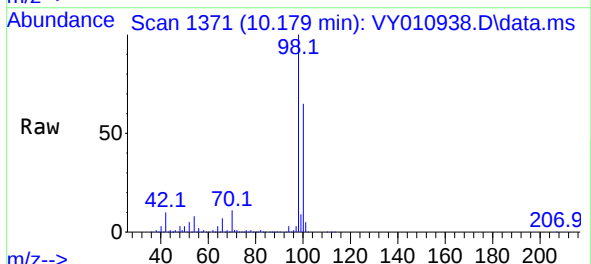
Instrument : MSVOA_Y
ClientSampleId : MOUNT-LAUREL-COMP-3-MOUNT-LAUREL-VOC-3

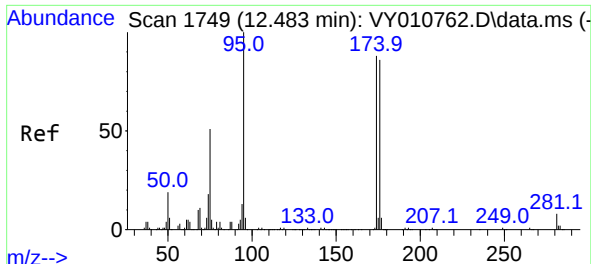
Tgt Ion: 41	Resp: 182
Ion Ratio	Lower Upper
41 100	
39 0.0	92.9 139.3#
67 0.0	0.0 0.0
52 0.0	0.0 0.0



#50
Toluene-d8
Concen: 58.342 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010938.D
Acq: 12 Oct 2022 13:47

Tgt Ion: 98	Resp: 501768
Ion Ratio	Lower Upper
98 100	
100 64.0	50.2 75.2

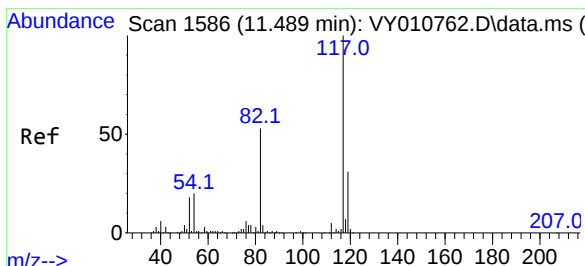
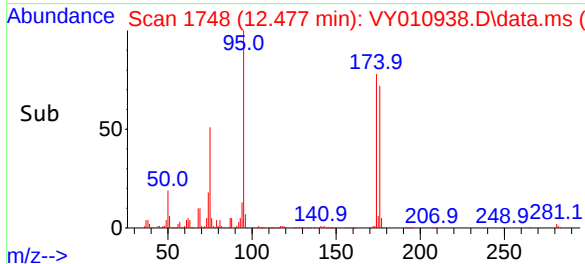
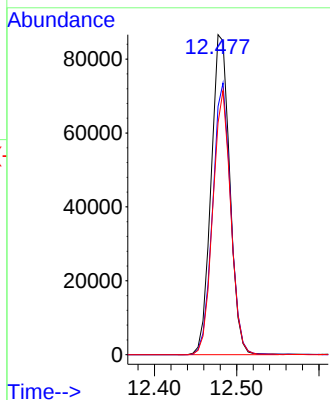
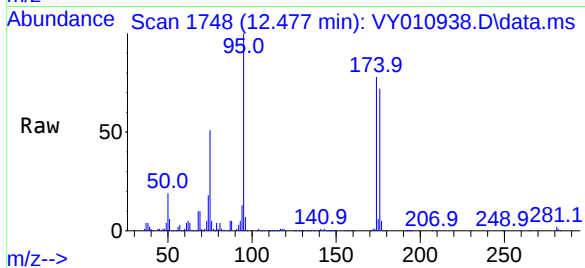




#62
4-Bromofluorobenzene
Concen: 39.818 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010938.D
Acq: 12 Oct 2022 13:47

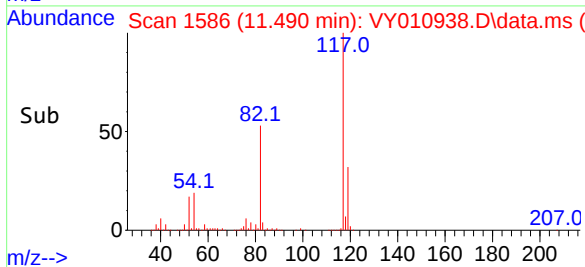
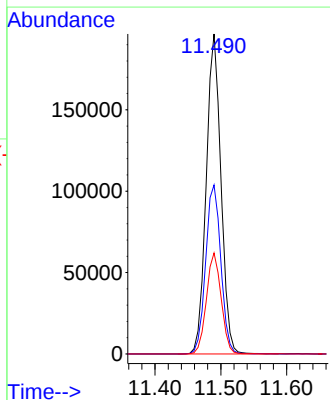
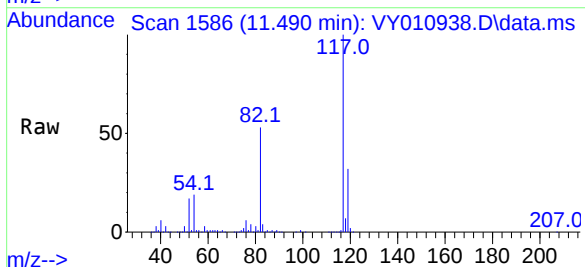
Instrument :
MSVOA_Y
ClientSampleId :
MOUNT-LAUREL-COMP-3-MOUNT-LAUREL-VOC-3

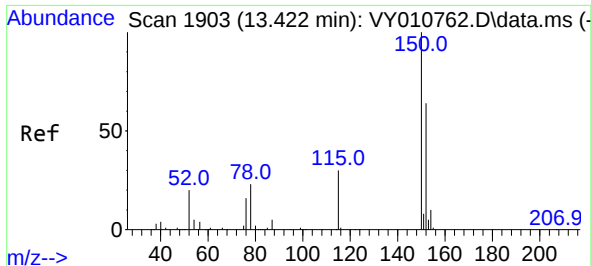
Tgt Ion: 95 Resp: 136310
Ion Ratio Lower Upper
95 100
174 82.5 0.0 177.0
176 79.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY010938.D
Acq: 12 Oct 2022 13:47

Tgt Ion: 117 Resp: 306156
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 31.6 25.4 38.0

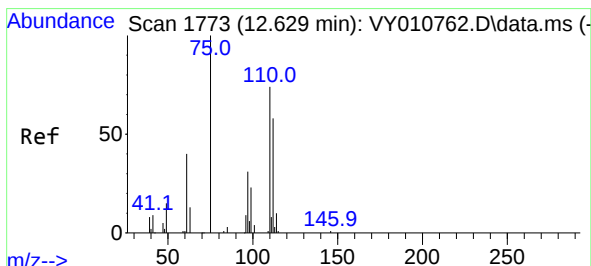
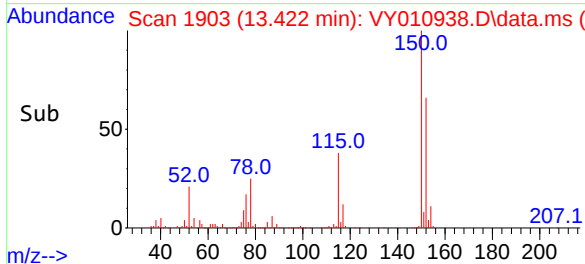
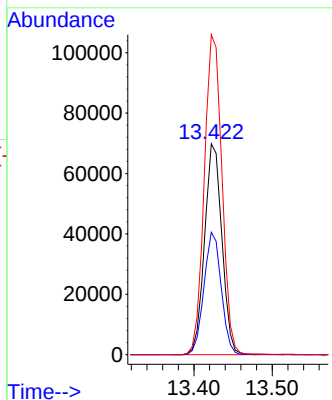
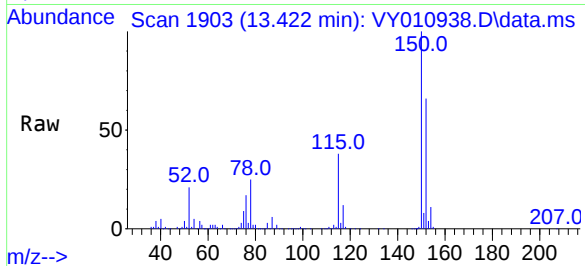




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010938.D
Acq: 12 Oct 2022 13:47

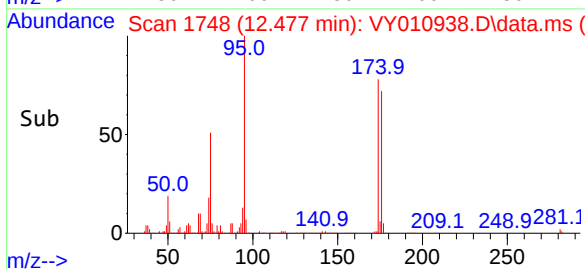
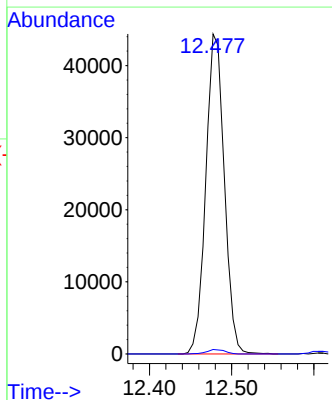
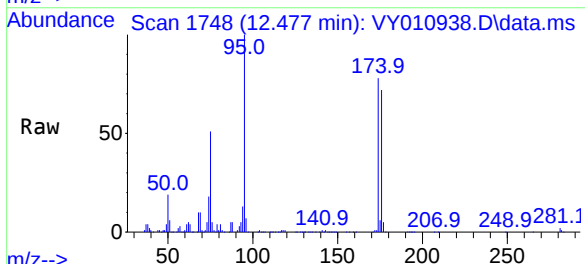
Instrument : MSVOA_Y
ClientSampleId : MOUNT-LAUREL-COMP-3-MOUNT-LAUREL-VOC-3

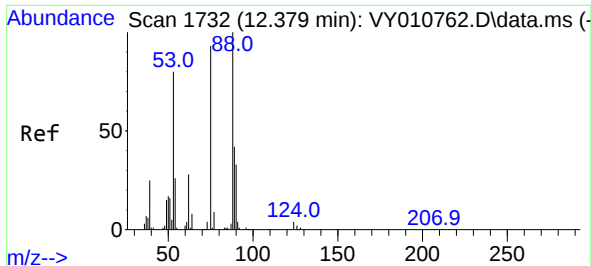
Tgt Ion:152 Resp: 107294
Ion Ratio Lower Upper
152 100
115 57.8 28.2 84.7
150 154.1 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 63.874 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010938.D
Acq: 12 Oct 2022 13:47

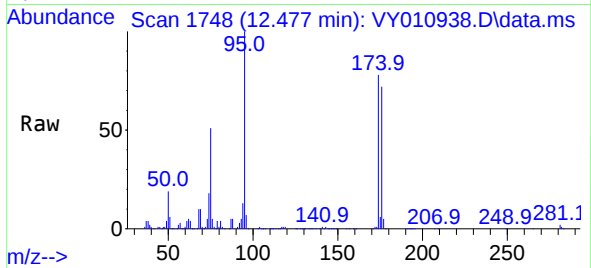
Tgt Ion: 75 Resp: 69403
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 133.428 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY010938.D
 Acq: 12 Oct 2022 13:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 MOUNT-LAUREL-COMP-3-MOUNT-LAUREL-VOC-3



Tgt Ion: 75 Resp: 69403
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.0 37.0 55.4#

