

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101222\
 Data File : VY010936.D
 Acq On : 12 Oct 2022 13:02
 Operator : KP/MD
 Sample : N5083-03
 Misc : 3.88g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Oct 13 05:34:17 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)

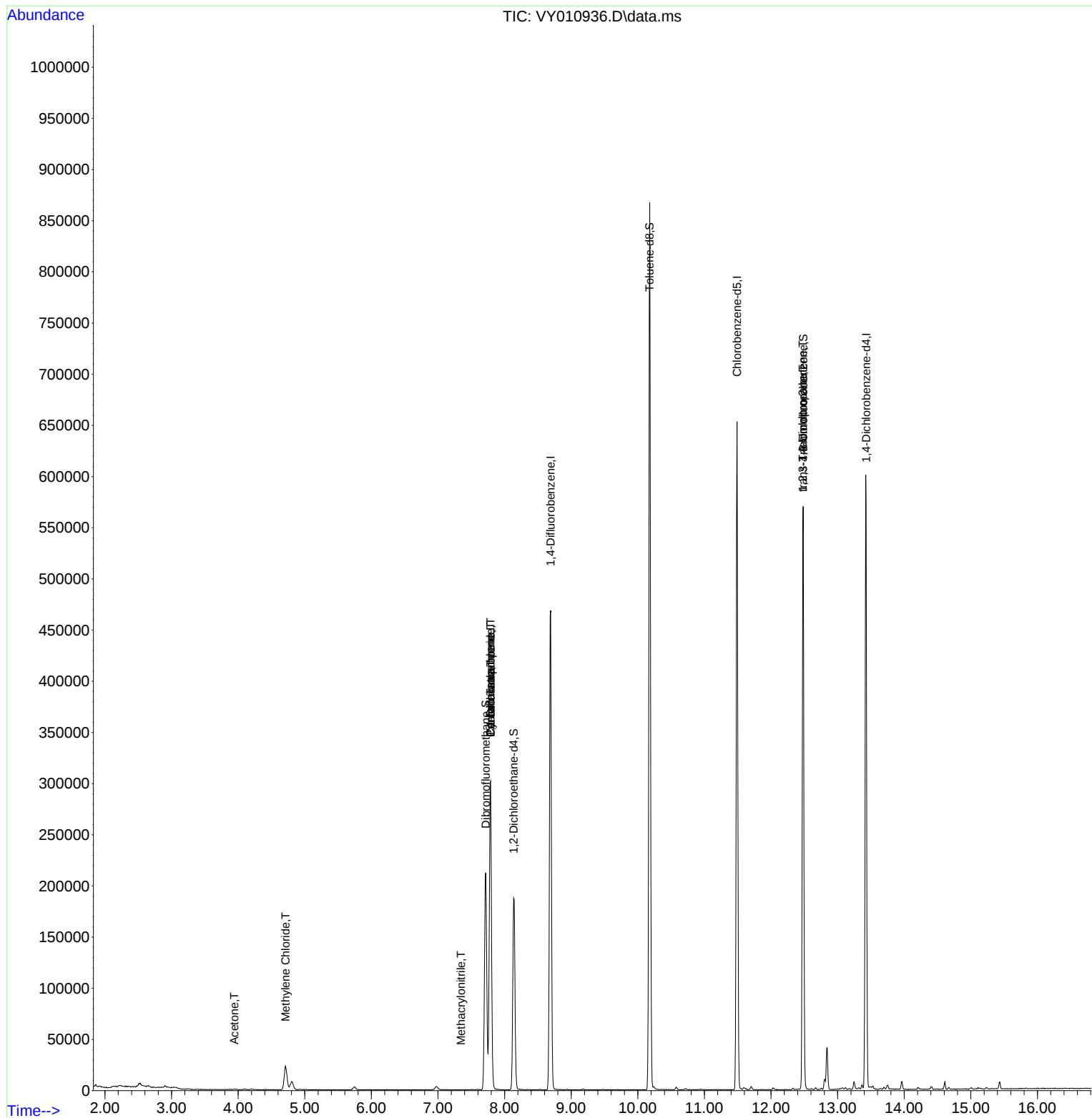
Internal Standards						
1) Pentafluorobenzene	7.789	168	236614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	410526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	354570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	154631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	148214	61.798	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	123.600%	
35) Dibromofluoromethane	7.716	113	154070	56.537	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	113.080%	
50) Toluene-d8	10.179	98	561347	60.233	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	120.460%	
62) 4-Bromofluorobenzene	12.483	95	174450	47.747	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	95.500%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	522	Below Cal	#	77
16) Acetone	3.942	43	915	1.502	ug/l	92
20) Methylene Chloride	4.710	84	17626	1.545	ug/l #	81
31) Cyclohexane	7.789	56	5071	1.181	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	18345	4.663	ug/l #	50
38) Carbon Tetrachloride	7.789	117	23681	5.779	ug/l #	15
41) Methacrylonitrile	7.344	41	88	2.655	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	88088	56.253	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	88088	117.507	ug/l #	7

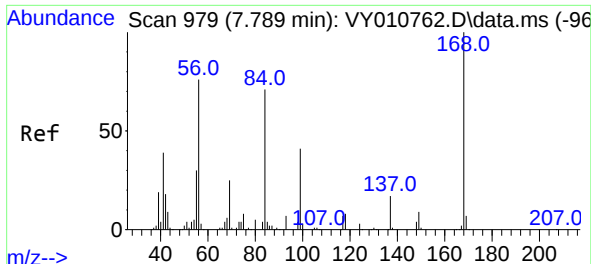
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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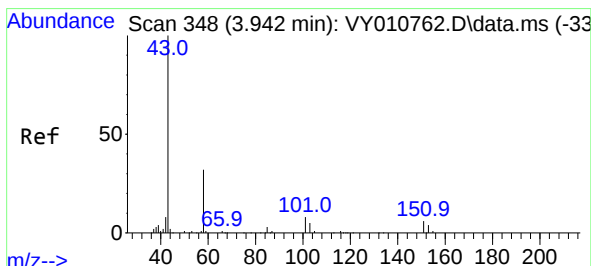
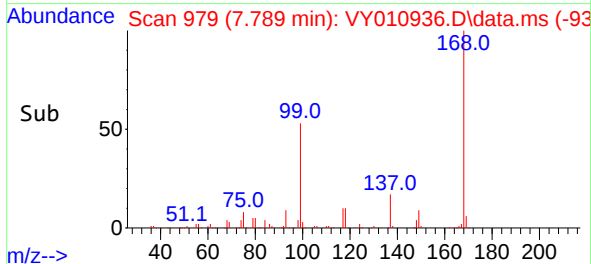
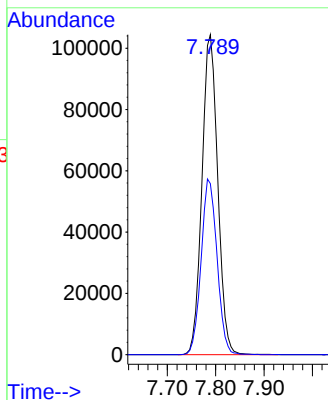
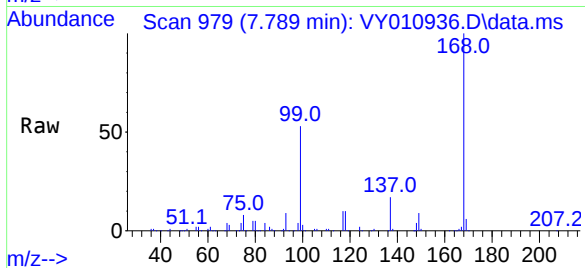




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010936.D
Acq: 12 Oct 2022 13:02

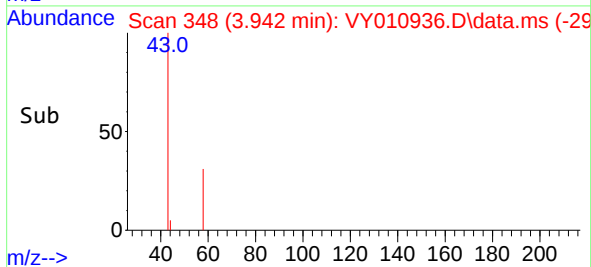
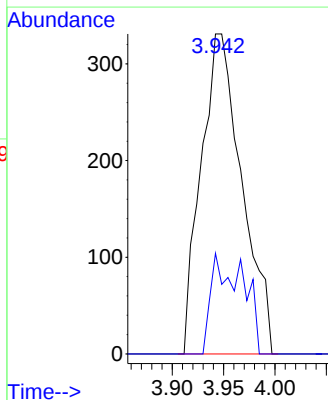
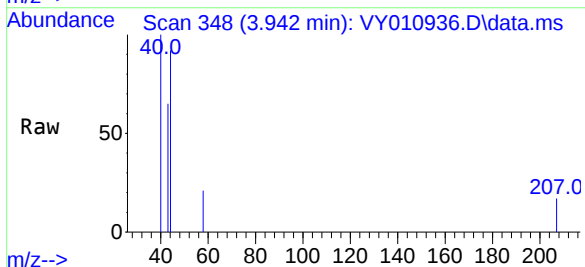
Instrument :
MSVOA_Y
ClientSampleId :
MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2

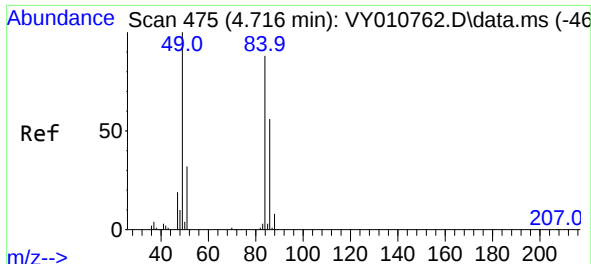
Tgt Ion:168 Resp: 236614
Ion Ratio Lower Upper
168 100
99 53.4 46.9 70.3



#16
Acetone
Concen: 1.502 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010936.D
Acq: 12 Oct 2022 13:02

Tgt Ion: 43 Resp: 915
Ion Ratio Lower Upper
43 100
58 31.4 22.0 33.0



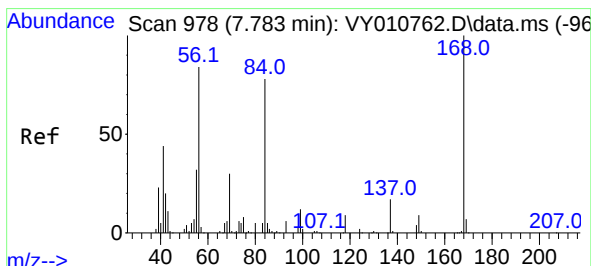
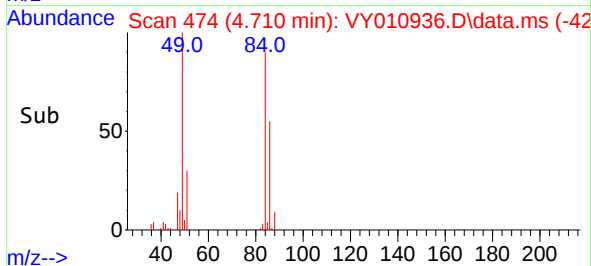
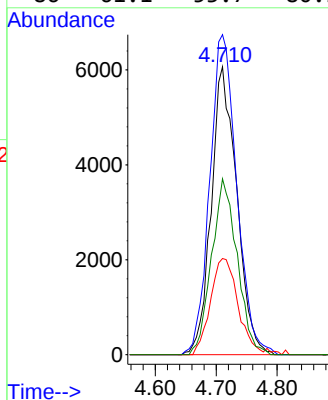
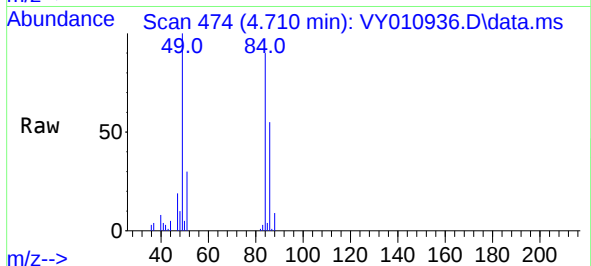


#20
Methylene Chloride
Concen: 1.545 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010936.D
Acq: 12 Oct 2022 13:02

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

Tgt Ion: 84 Resp: 17626

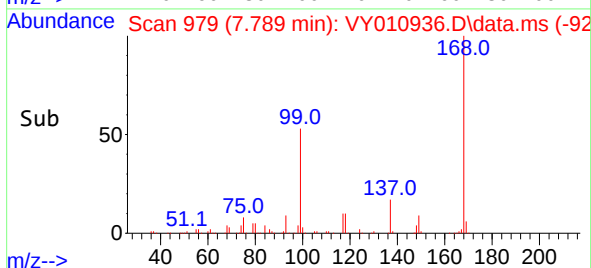
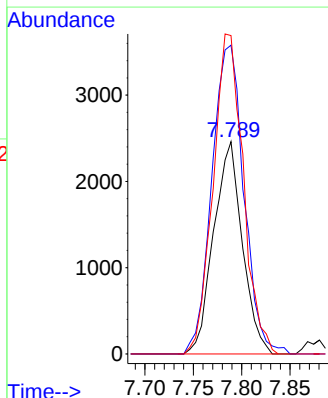
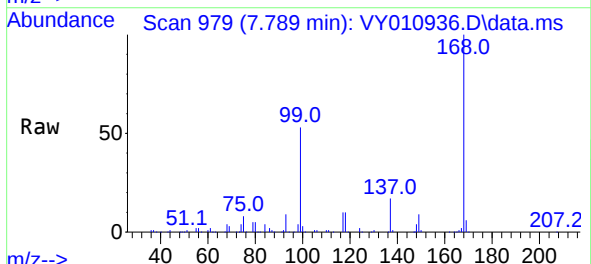
Ion	Ratio	Lower	Upper
84	100		
49	111.2	114.4	171.6#
51	33.4	35.3	52.9#
86	61.1	53.7	80.5

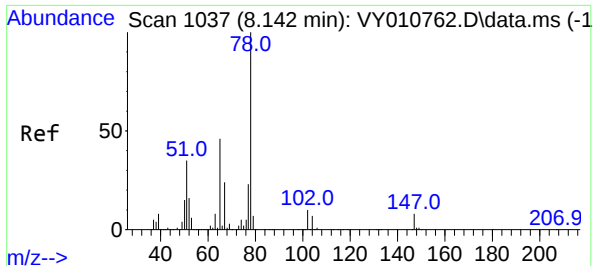


#31
Cyclohexane
Concen: 1.181 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY010936.D
Acq: 12 Oct 2022 13:02

Tgt Ion: 56 Resp: 5071

Ion	Ratio	Lower	Upper
56	100		
69	145.5	26.7	40.1#
84	149.9	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 61.798 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY010936.D

Acq: 12 Oct 2022 13:02

Instrument :

MSVOA_Y

ClientSampleId :

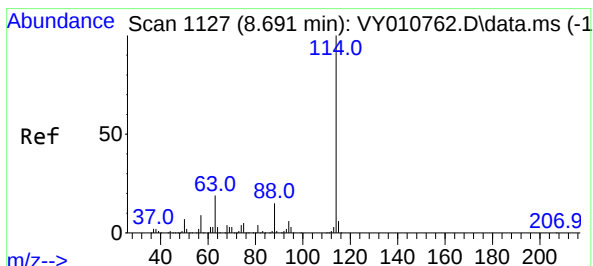
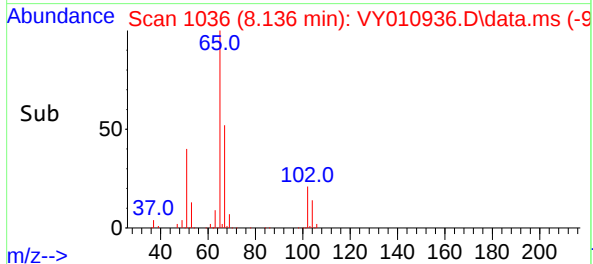
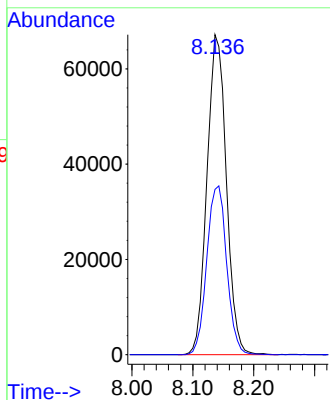
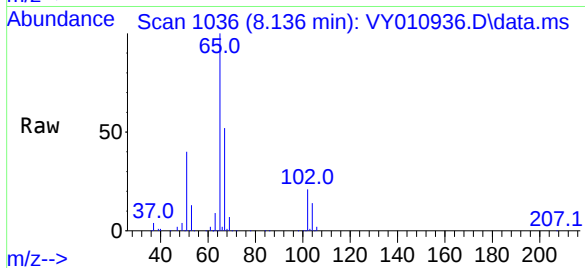
MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2

Tgt Ion: 65 Resp: 148214

Ion Ratio Lower Upper

65 100

67 54.3 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: VY010936.D

Acq: 12 Oct 2022 13:02

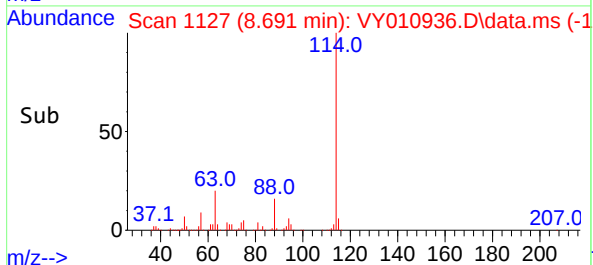
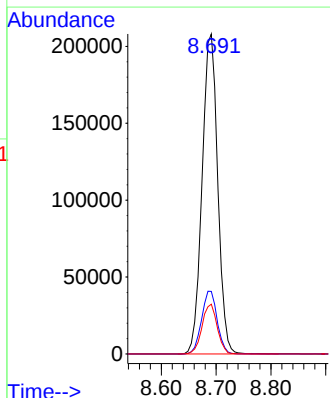
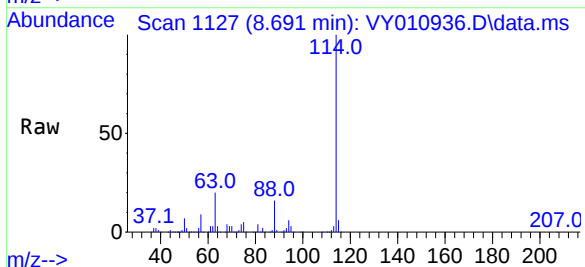
Tgt Ion: 114 Resp: 410526

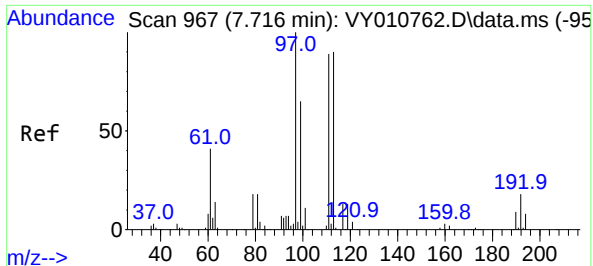
Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 15.6 0.0 31.8

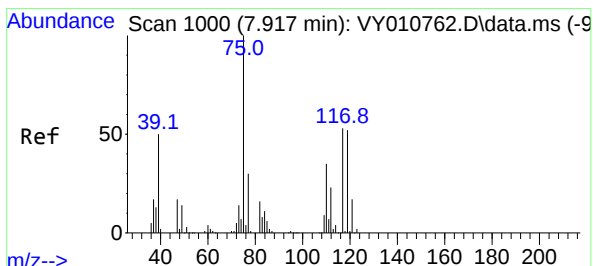
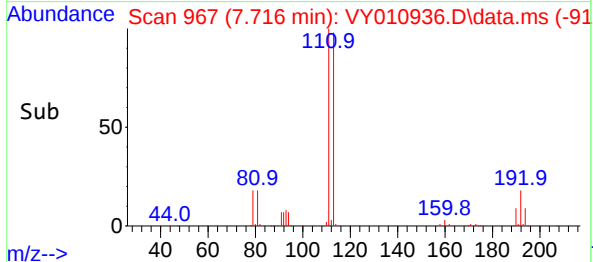
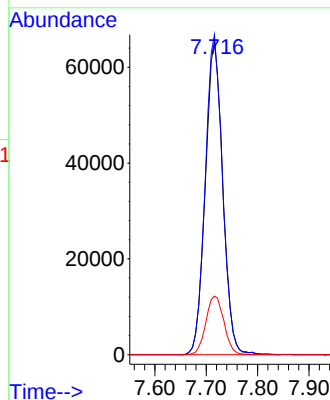
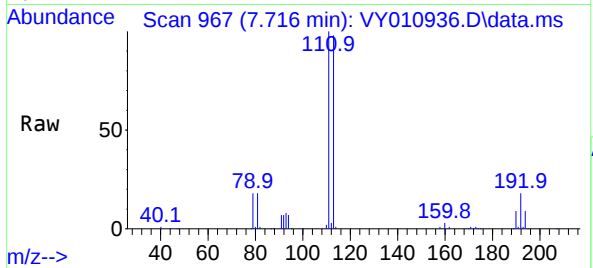




#35
Dibromofluoromethane
Concen: 56.537 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY010936.D
Acq: 12 Oct 2022 13:02

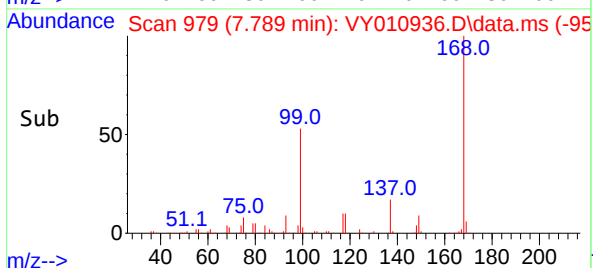
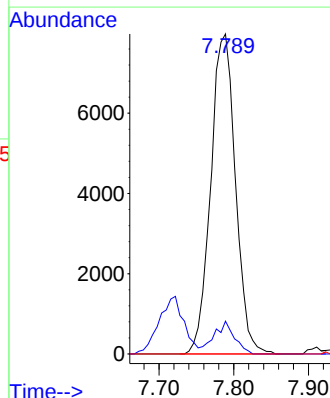
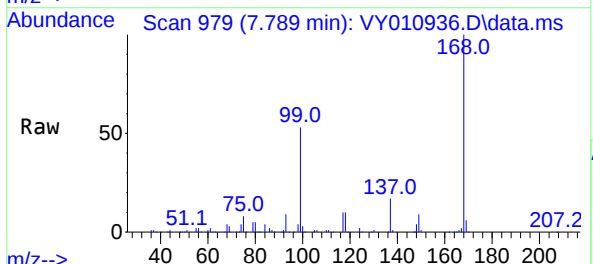
Instrument : MSVOA_Y
ClientSampleId : MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2

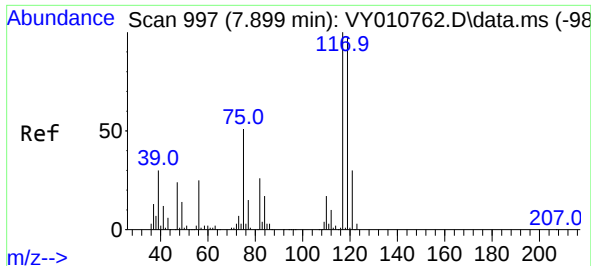
Tgt Ion:113 Resp: 154070
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 19.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.663 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY010936.D
Acq: 12 Oct 2022 13:02

Tgt Ion: 75 Resp: 18345
Ion Ratio Lower Upper
75 100
110 8.5 17.1 51.2#
77 0.0 24.4 36.6#

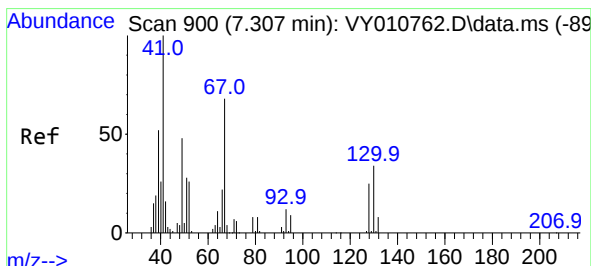
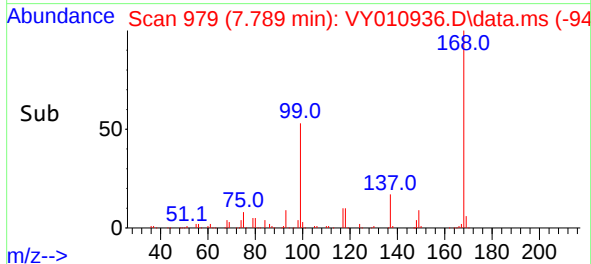
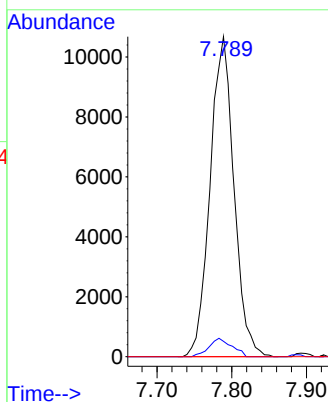
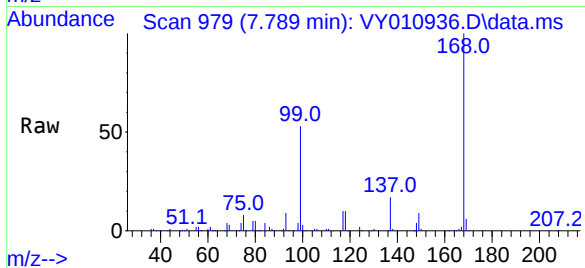




#38
Carbon Tetrachloride
Concen: 5.779 ug/l
RT: 7.789 min Scan# 911
Delta R.T. -0.110 min
Lab File: VY010936.D
Acq: 12 Oct 2022 13:02

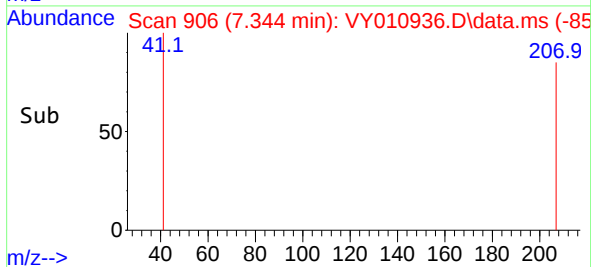
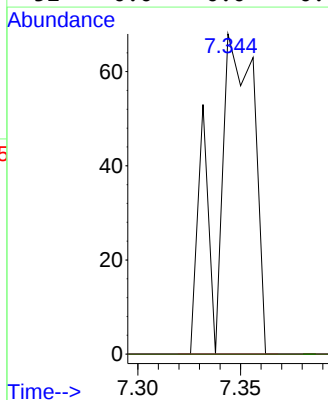
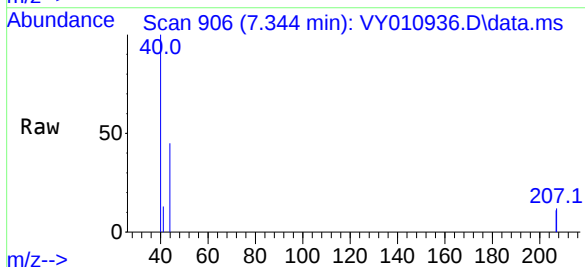
Instrument : MSVOA_Y
ClientSampleId : MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2

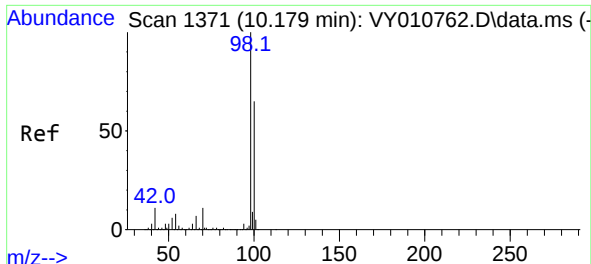
Tgt Ion:117 Resp: 23681
Ion Ratio Lower Upper
117 100
119 4.8 77.9 116.9#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 2.655 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY010936.D
Acq: 12 Oct 2022 13:02

Tgt Ion: 41 Resp: 88
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

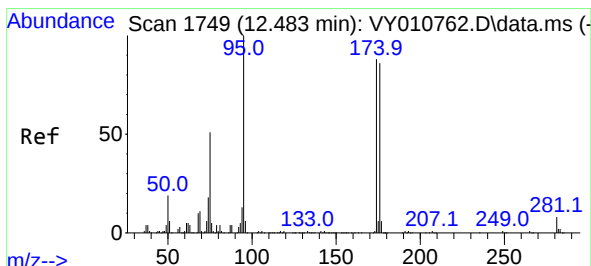
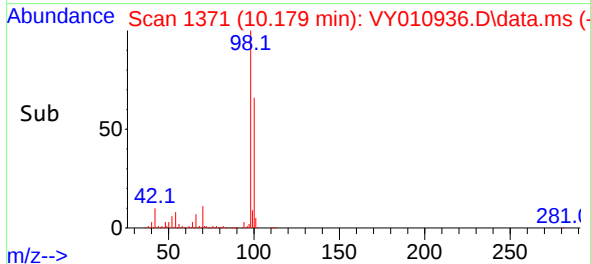
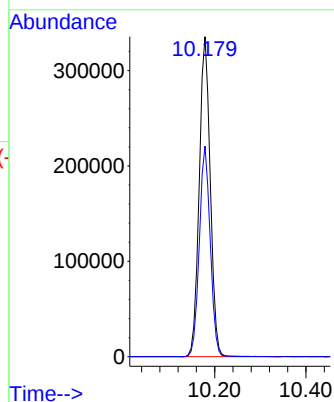
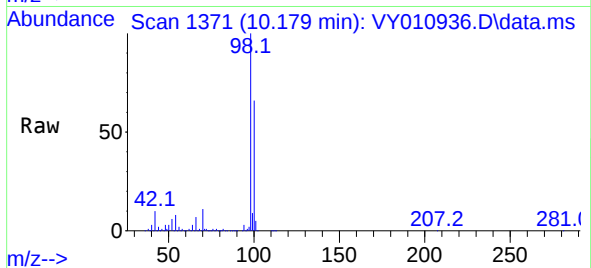




#50
Toluene-d8
Concen: 60.233 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010936.D
Acq: 12 Oct 2022 13:02

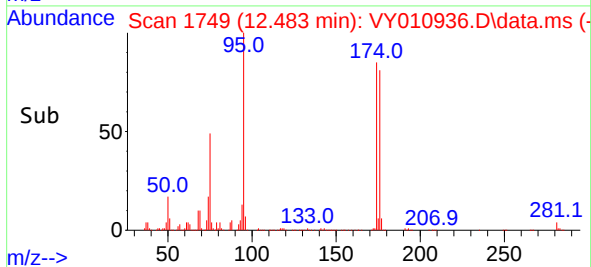
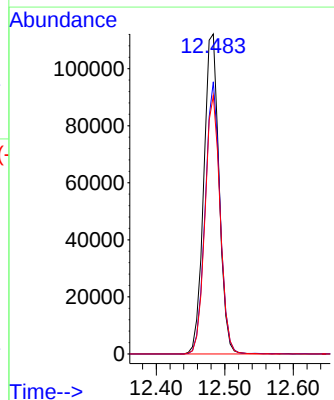
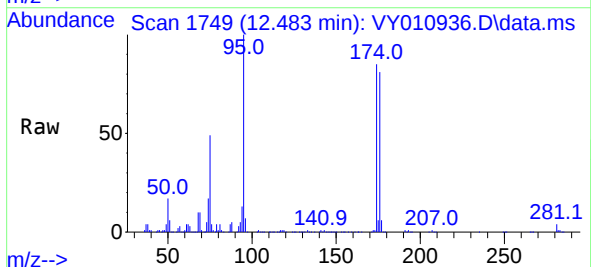
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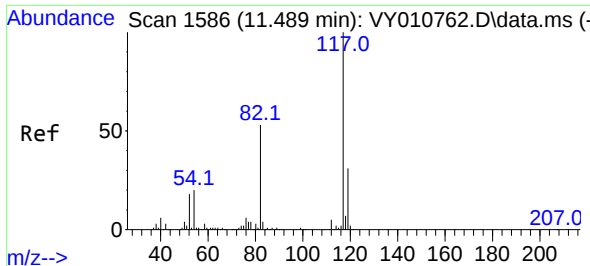
Tgt Ion: 98 Resp: 561347
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.747 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010936.D
Acq: 12 Oct 2022 13:02

Tgt Ion: 95 Resp: 174450
Ion Ratio Lower Upper
95 100
174 82.3 0.0 177.0
176 79.7 0.0 175.8

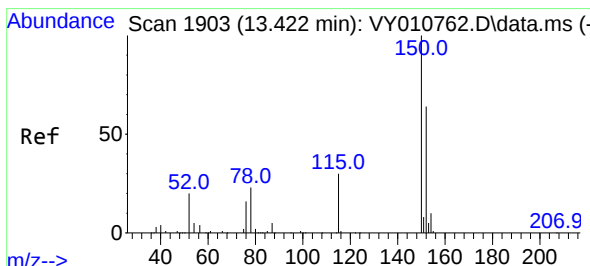
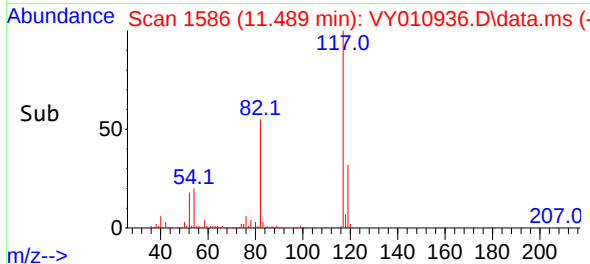
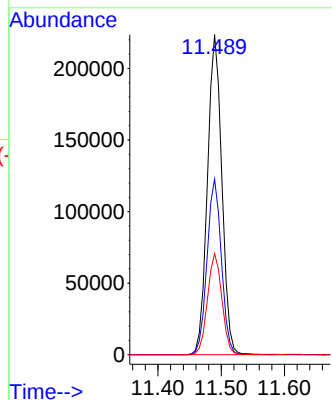
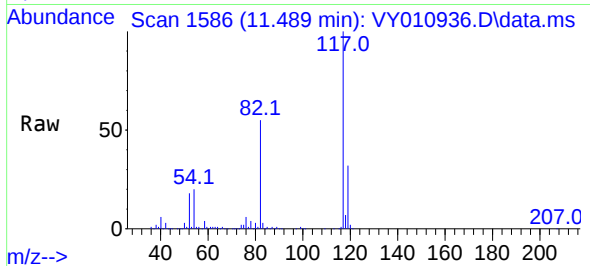




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010936.D
Acq: 12 Oct 2022 13:02

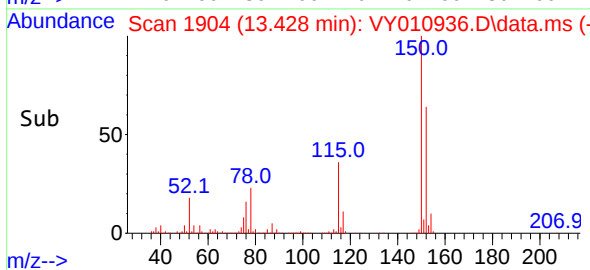
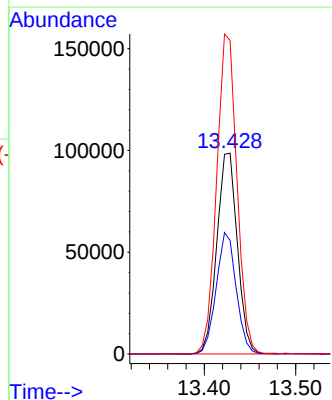
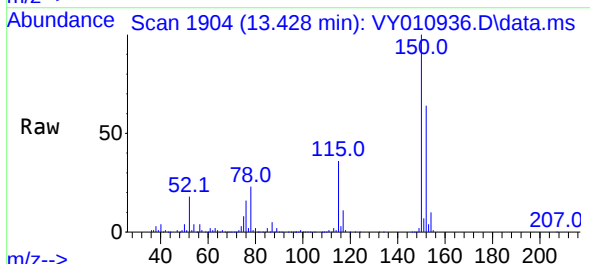
Instrument :
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MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2

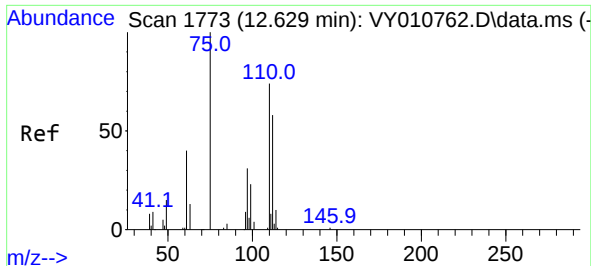
Tgt Ion:117 Resp: 354570
Ion Ratio Lower Upper
117 100
82 54.9 43.0 64.4
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010936.D
Acq: 12 Oct 2022 13:02

Tgt Ion:152 Resp: 154631
Ion Ratio Lower Upper
152 100
115 58.9 28.2 84.7
150 157.0 0.0 347.6

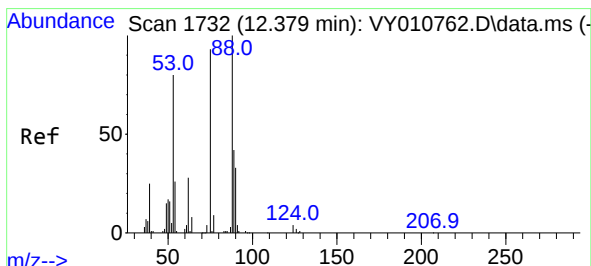
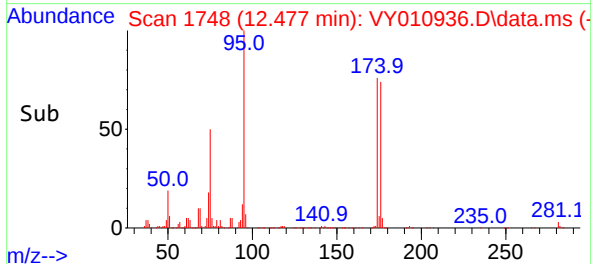
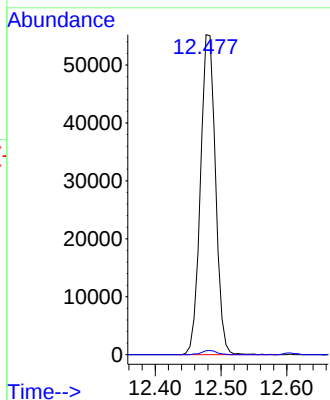
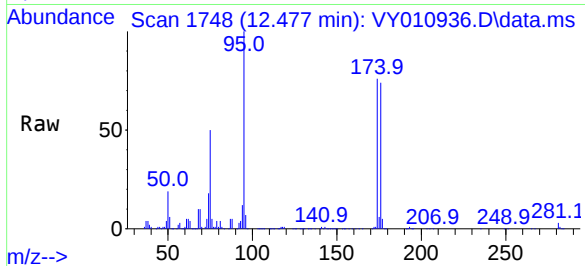




#76
1,2,3-Trichloropropane
Concen: 56.253 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010936.D
Acq: 12 Oct 2022 13:02

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

Tgt Ion: 75 Resp: 88088
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 117.507 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY010936.D
Acq: 12 Oct 2022 13:02

Tgt Ion: 75 Resp: 88088
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#

