

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101222\
 Data File : VY010935.D
 Acq On : 12 Oct 2022 12:39
 Operator : KP/MD
 Sample : N5083-01
 Misc : 3.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MOUNT-LAUREL-COMP-1-MOUNT-LAUREL-VOC-1

Quant Time: Oct 13 05:34:08 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)

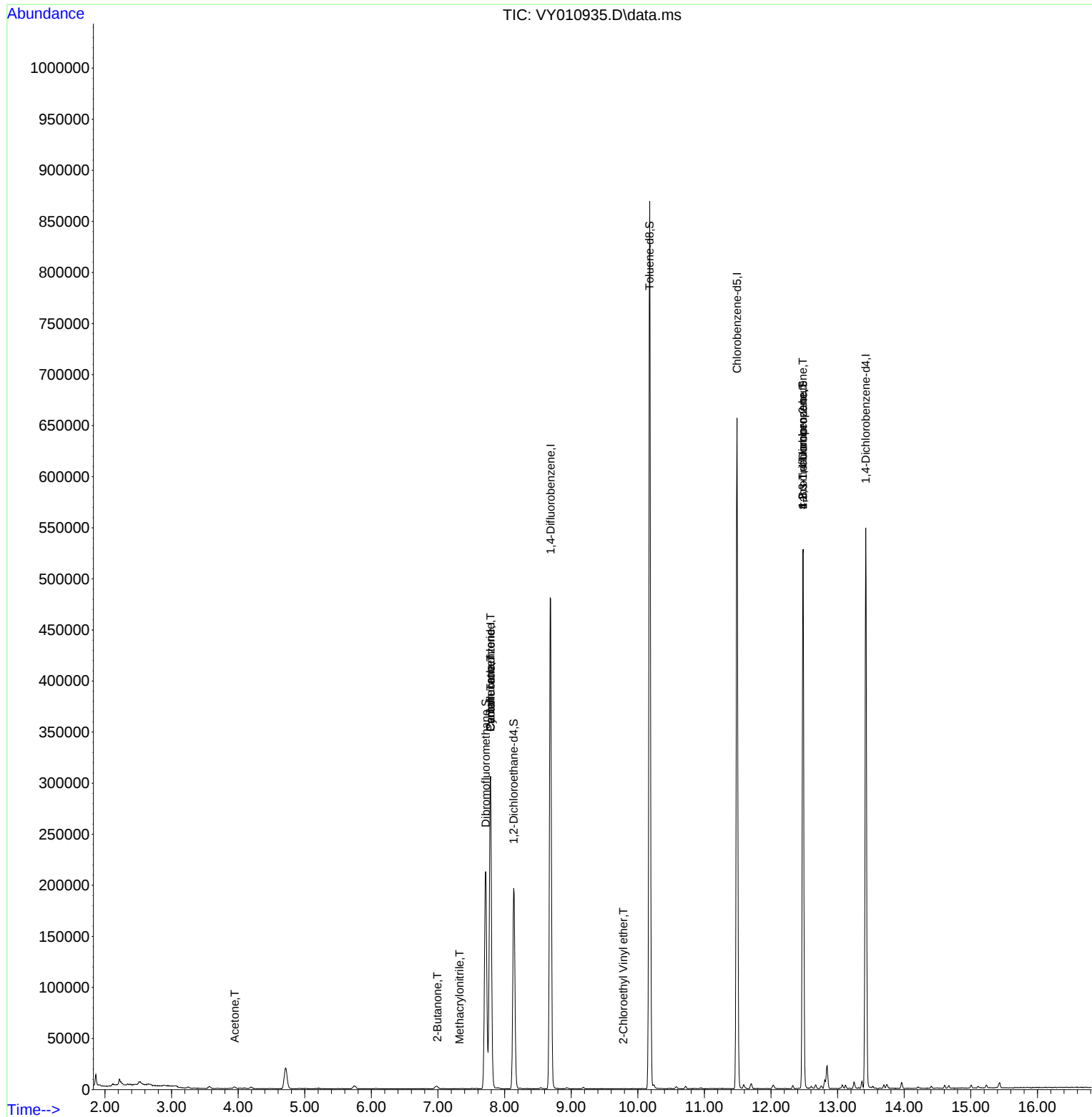
Internal Standards						
1) Pentafluorobenzene	7.789	168	238510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	424217	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	352492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	143317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	152574	63.110	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.220%	
35) Dibromofluoromethane	7.716	113	156052	55.417	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.840%	
50) Toluene-d8	10.179	98	557065	57.845	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 115.680%	
62) 4-Bromofluorobenzene	12.477	95	165050	43.381	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.760%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	239	Below Cal	#	77
16) Acetone	3.948	43	3030	4.935	ug/l #	82
25) 2-Butanone	6.990	43	1008	1.142	ug/l	91
31) Cyclohexane	7.789	56	5197	1.201	ug/l #	1
38) Carbon Tetrachloride	7.789	117	23823	5.627	ug/l #	15
41) Methacrylonitrile	7.326	41	33	2.608	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.782	63	78	25.843	ug/l #	48
76) 1,2,3-Trichloropropane	12.477	75	84361	58.126	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	84361	121.419	ug/l #	7

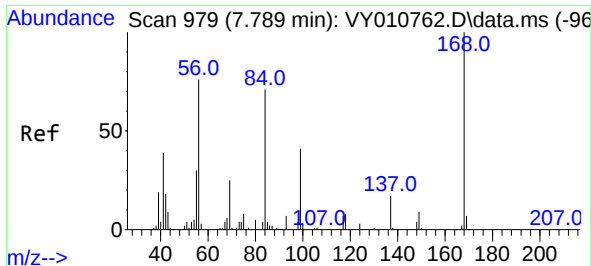
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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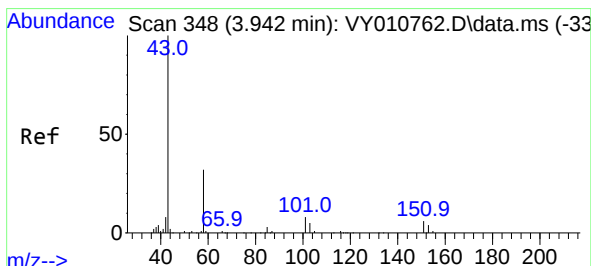
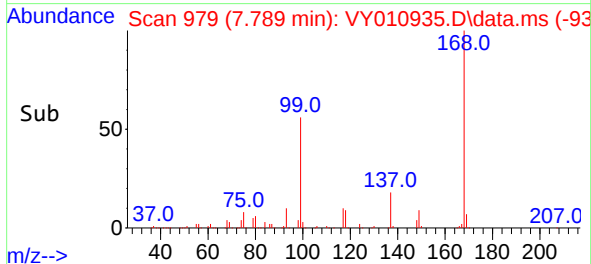
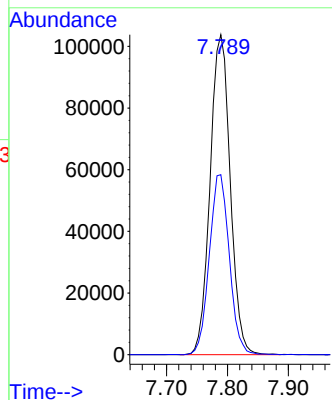
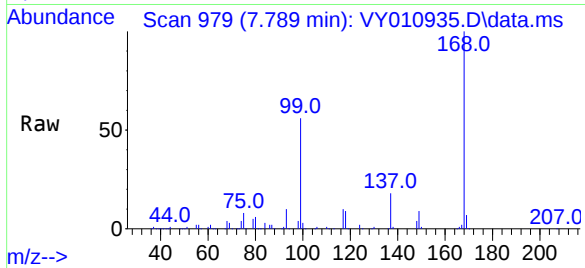




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010935.D
Acq: 12 Oct 2022 12:39

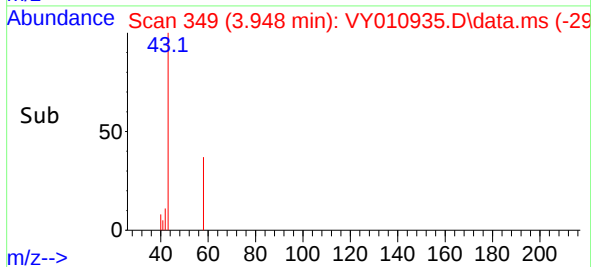
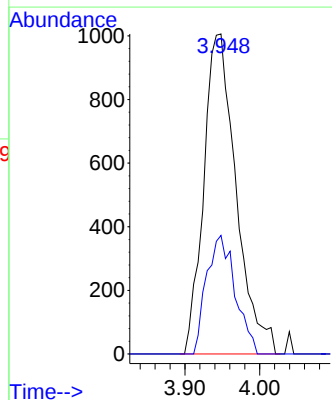
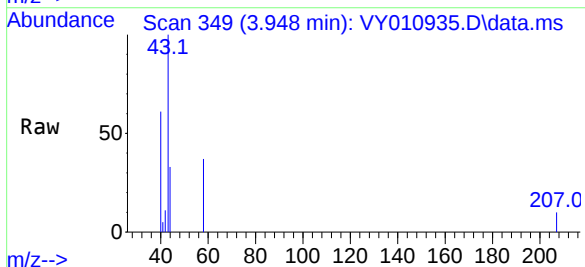
Instrument :
MSVOA_Y
ClientSampleId :
MOUNT-LAUREL-COMP-1-MOUNT-LAUREL-VOC-1

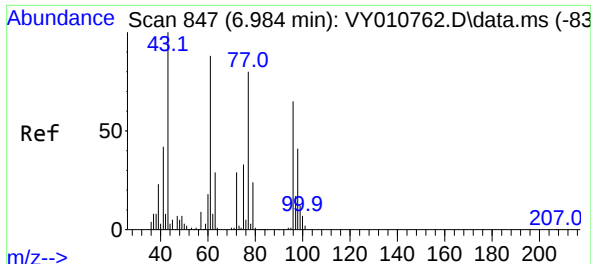
Tgt Ion:168 Resp: 238510
Ion Ratio Lower Upper
168 100
99 56.3 46.9 70.3



#16
Acetone
Concen: 4.935 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY010935.D
Acq: 12 Oct 2022 12:39

Tgt Ion: 43 Resp: 3030
Ion Ratio Lower Upper
43 100
58 37.1 22.0 33.0#

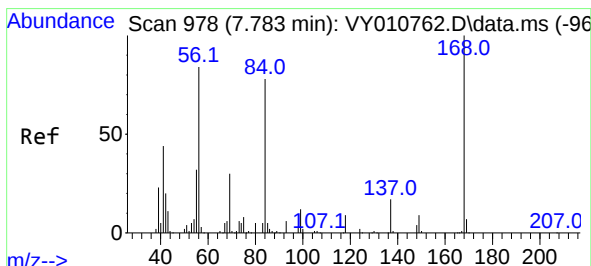
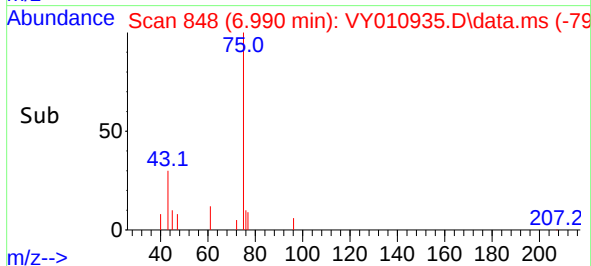
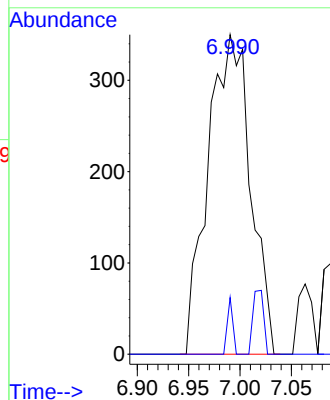
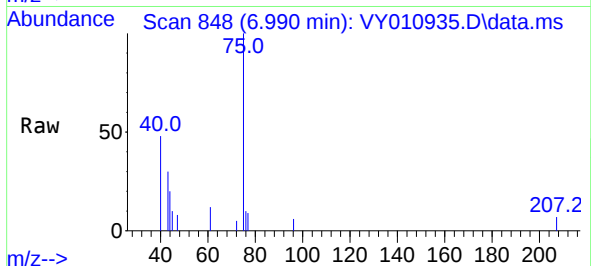




#25
2-Butanone
Concen: 1.142 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY010935.D
Acq: 12 Oct 2022 12:39

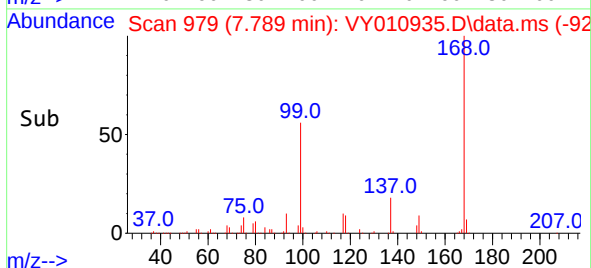
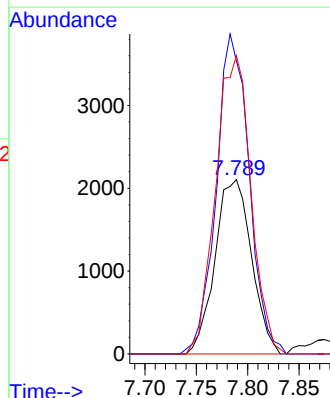
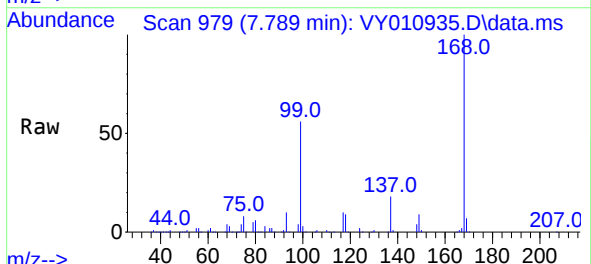
Instrument : MSVOA_Y
ClientSampleId : MOUNT-LAUREL-COMP-1-MOUNT-LAUREL-VOC-1

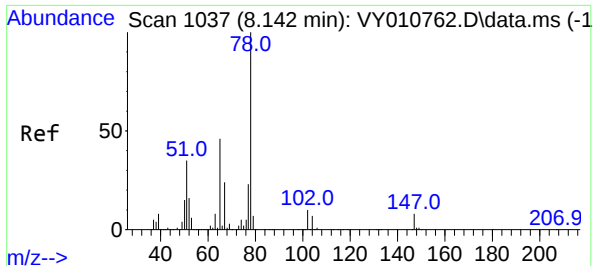
Tgt Ion: 43 Resp: 1008
Ion Ratio Lower Upper
43 100
72 17.7 17.7 26.5



#31
Cyclohexane
Concen: 1.201 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY010935.D
Acq: 12 Oct 2022 12:39

Tgt Ion: 56 Resp: 5197
Ion Ratio Lower Upper
56 100
69 168.1 26.7 40.1#
84 171.0 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 63.110 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY010935.D

Acq: 12 Oct 2022 12:39

Instrument :

MSVOA_Y

ClientSampleId :

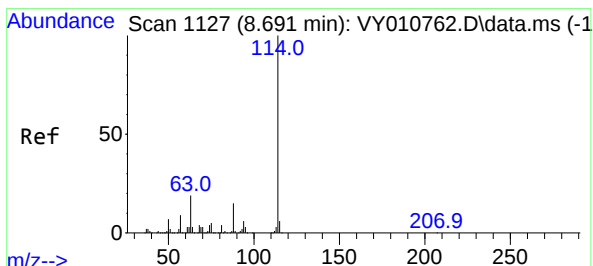
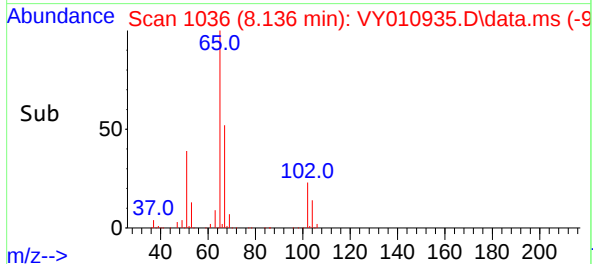
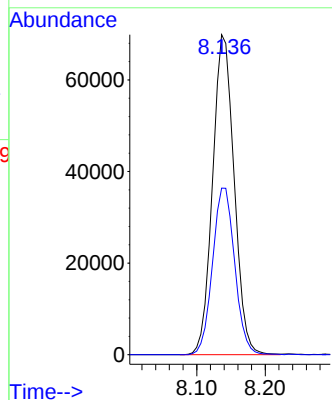
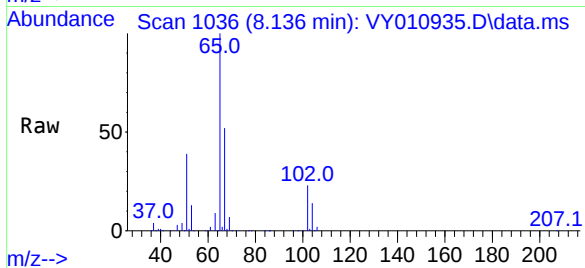
MOUNT-LAUREL-COMP-1-MOUNT-LAUREL-VOC-1

Tgt Ion: 65 Resp: 152574

Ion Ratio Lower Upper

65 100

67 53.6 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: VY010935.D

Acq: 12 Oct 2022 12:39

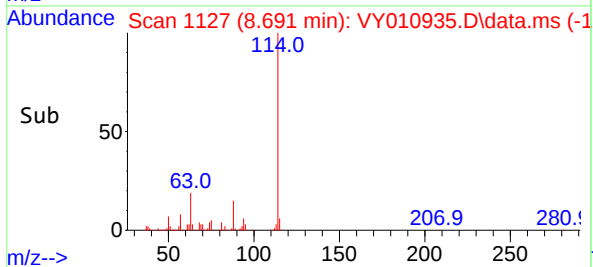
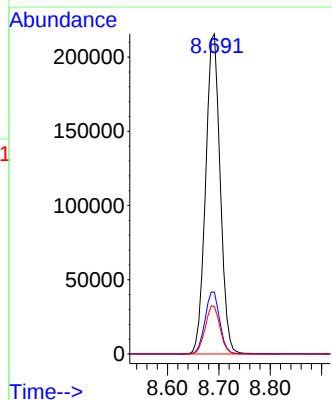
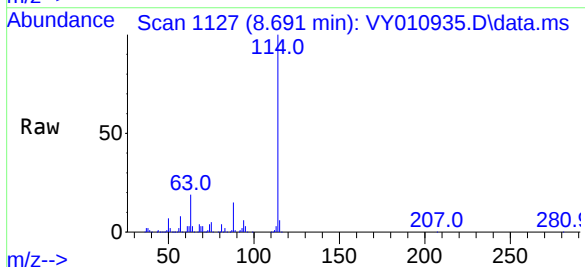
Tgt Ion: 114 Resp: 424217

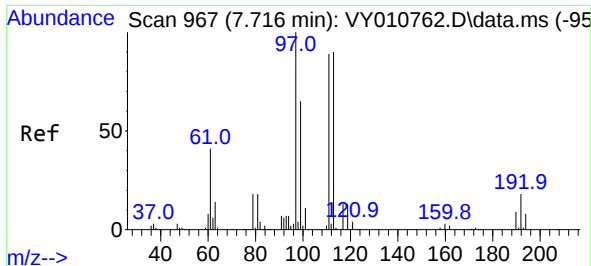
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 14.8 0.0 31.8

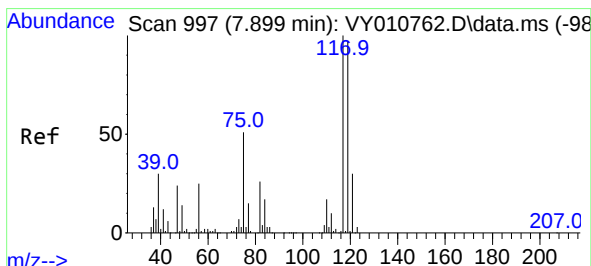
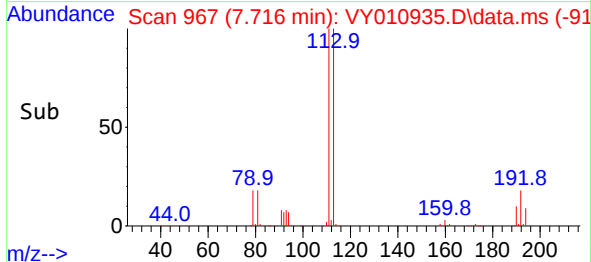
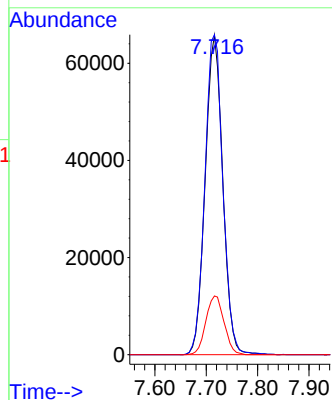
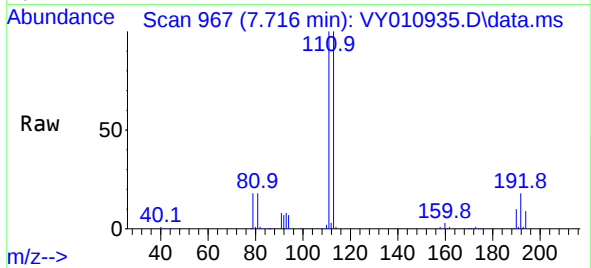




#35
Dibromofluoromethane
Concen: 55.417 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY010935.D
Acq: 12 Oct 2022 12:39

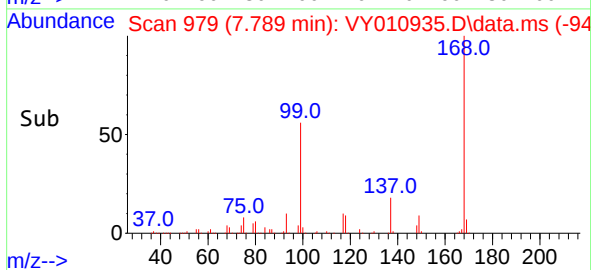
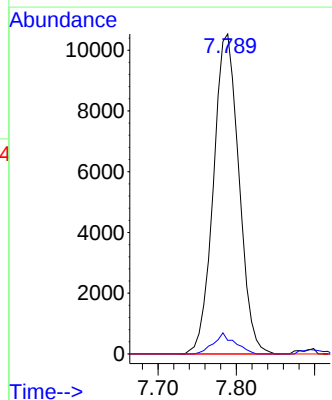
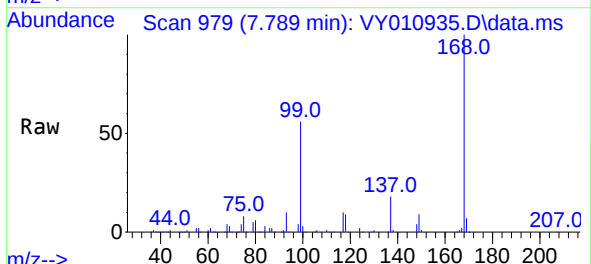
Instrument : MSVOA_Y
ClientSampleId : MOUNT-LAUREL-COMP-1-MOUNT-LAUREL-VOC-1

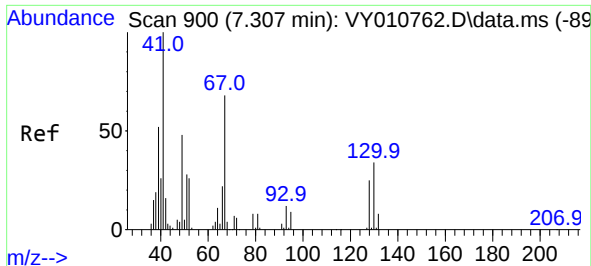
Tgt Ion:113 Resp: 156052
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 19.0 17.6 26.4



#38
Carbon Tetrachloride
Concen: 5.627 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY010935.D
Acq: 12 Oct 2022 12:39

Tgt Ion:117 Resp: 23823
Ion Ratio Lower Upper
117 100
119 4.2 77.9 116.9#
121 0.0 24.8 37.2#

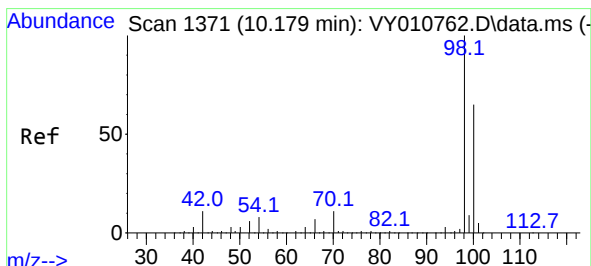
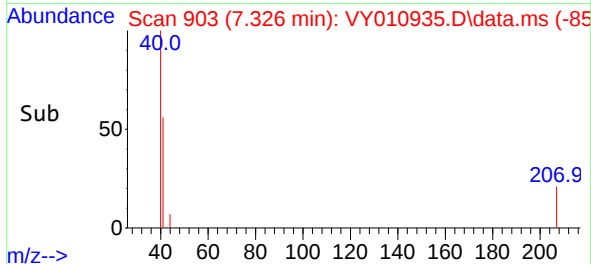
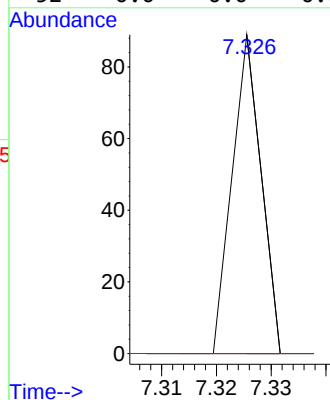
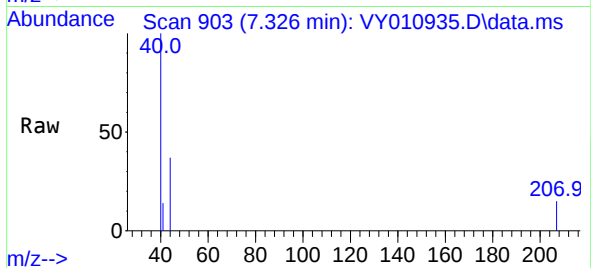




#41
Methacrylonitrile
Concen: 2.608 ug/l
RT: 7.326 min Scan# 90
Delta R.T. 0.019 min
Lab File: VY010935.D
Acq: 12 Oct 2022 12:39

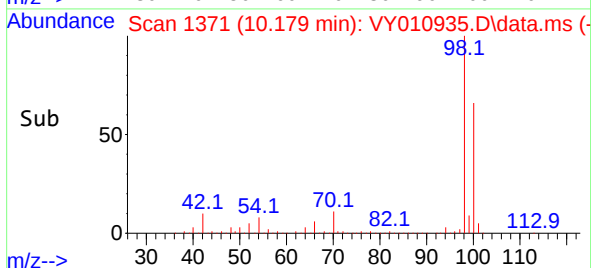
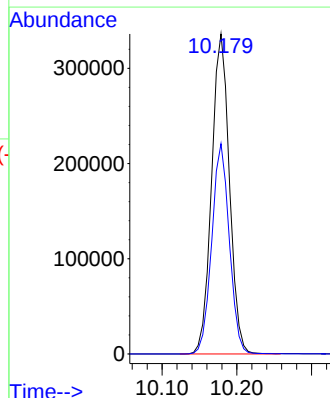
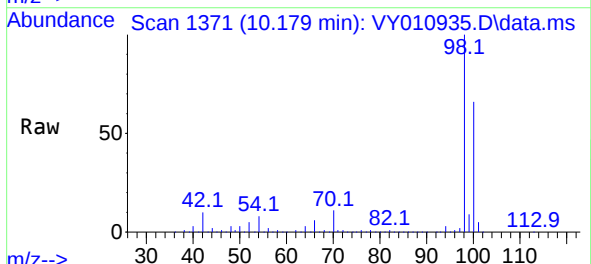
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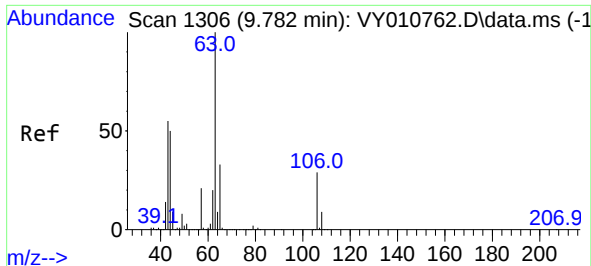
Tgt Ion: 41	Resp: 33
Ion Ratio	Lower Upper
41 100	
39 0.0	92.9 139.3#
67 0.0	0.0 0.0
52 0.0	0.0 0.0



#50
Toluene-d8
Concen: 57.845 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010935.D
Acq: 12 Oct 2022 12:39

Tgt Ion: 98	Resp: 557065
Ion Ratio	Lower Upper
98 100	
100 64.9	50.2 75.2

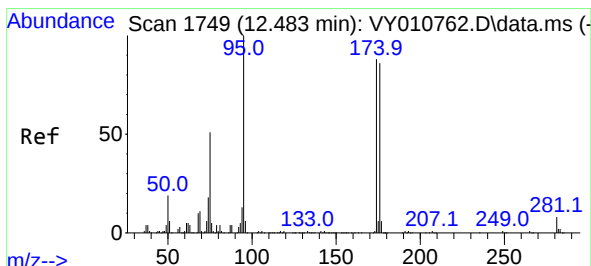
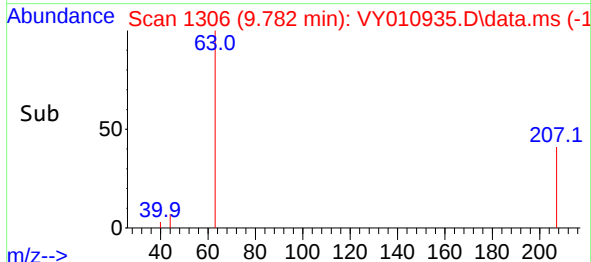
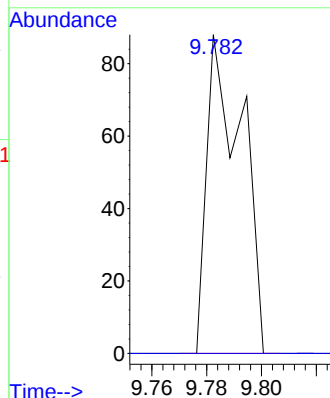
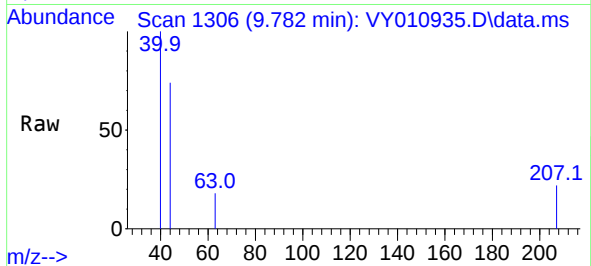




#58
2-Chloroethyl Vinyl ether
Concen: 25.843 ug/l
RT: 9.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010935.D
Acq: 12 Oct 2022 12:39

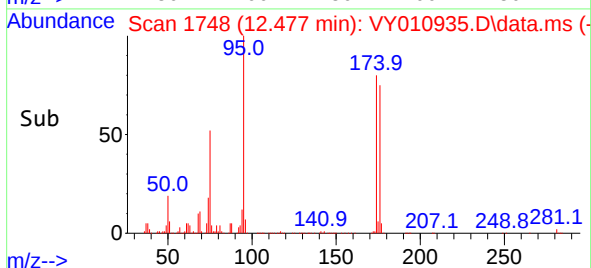
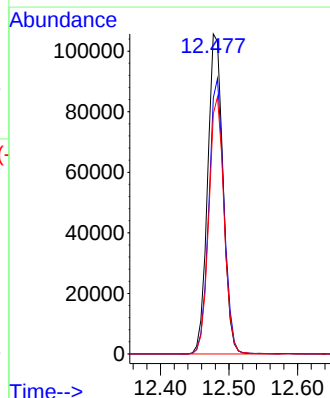
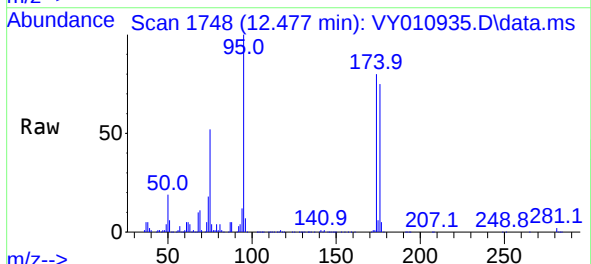
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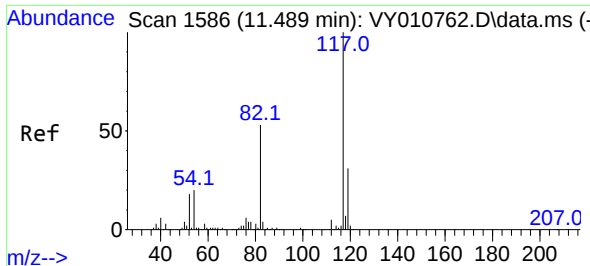
Tgt Ion: 63 Resp: 78
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#



#62
4-Bromofluorobenzene
Concen: 43.381 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010935.D
Acq: 12 Oct 2022 12:39

Tgt Ion: 95 Resp: 165050
Ion Ratio Lower Upper
95 100
174 84.6 0.0 177.0
176 79.4 0.0 175.8

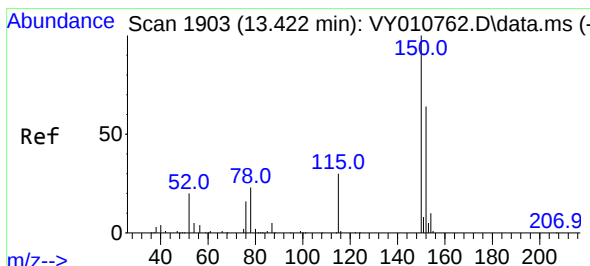
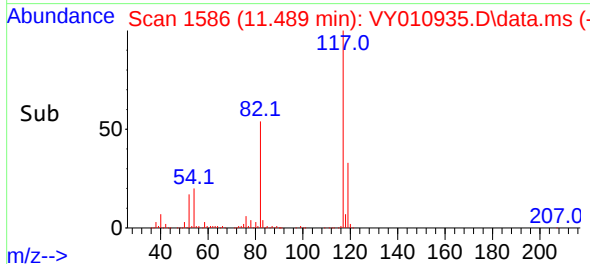
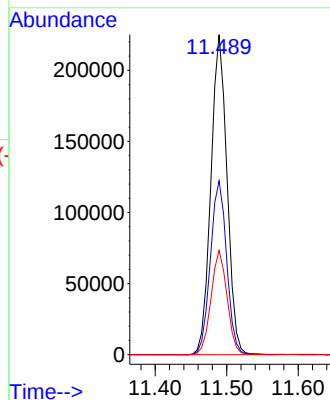
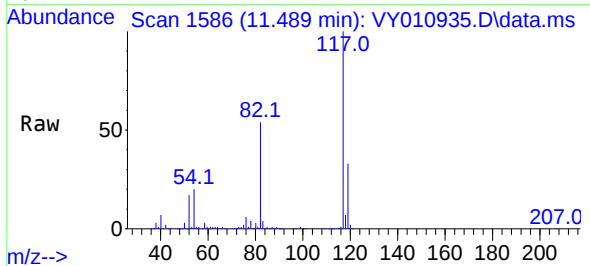




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY010935.D
Acq: 12 Oct 2022 12:39

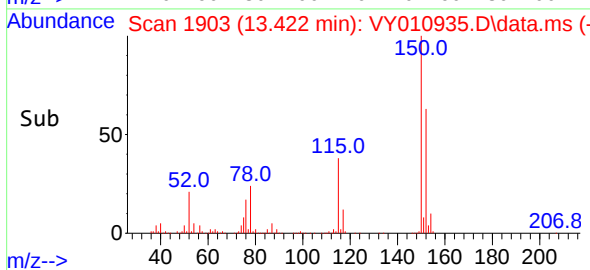
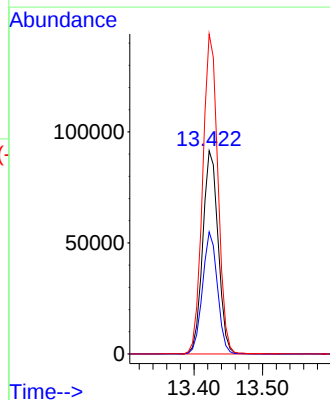
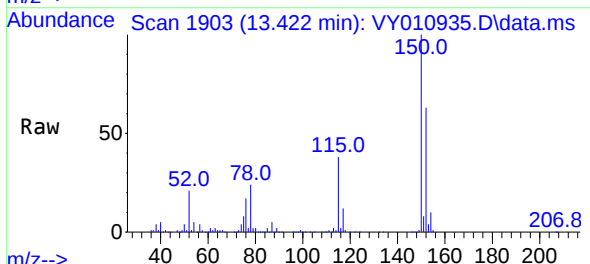
Instrument : MSVOA_Y
ClientSampleId : MOUNT-LAUREL-COMP-1-MOUNT-LAUREL-VOC-1

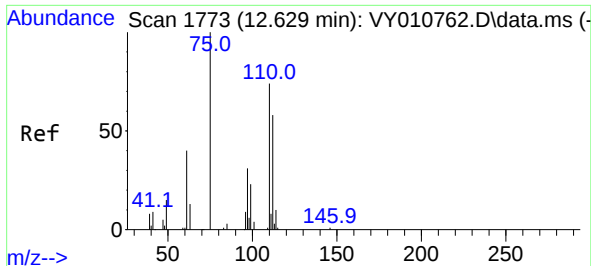
Tgt Ion:	117	Resp:	352492
Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.0	64.4
119	32.6	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010935.D
Acq: 12 Oct 2022 12:39

Tgt Ion:	152	Resp:	143317
Ion	Ratio	Lower	Upper
152	100		
115	58.3	28.2	84.7
150	156.0	0.0	347.6

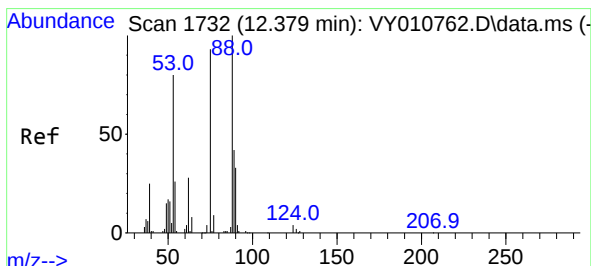
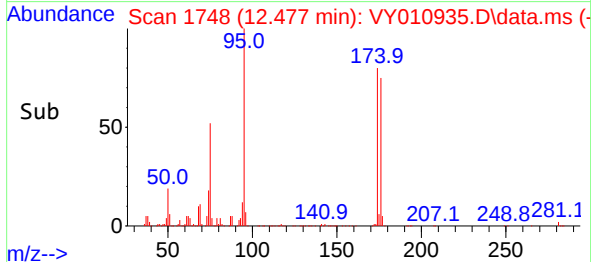
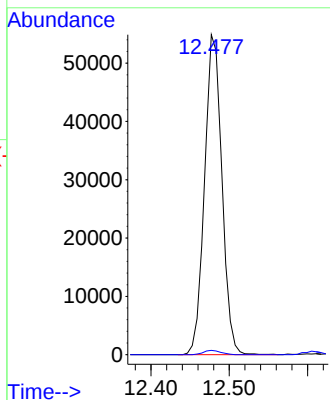
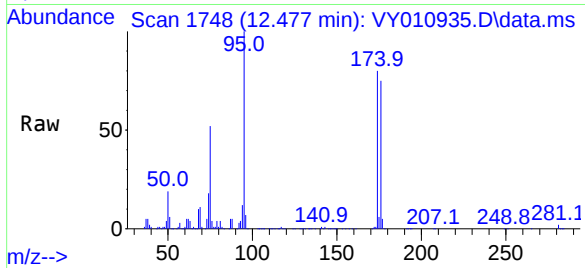




#76
1,2,3-Trichloropropane
Concen: 58.126 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010935.D
Acq: 12 Oct 2022 12:39

Instrument : MSVOA_Y
ClientSampleId : MOUNT-LAUREL-COMP-1-MOUNT-LAUREL-VOC-1

Tgt Ion: 75 Resp: 84361
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 121.419 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY010935.D
Acq: 12 Oct 2022 12:39

Tgt Ion: 75 Resp: 84361
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

