

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111921\
 Data File : VY006834.D
 Acq On : 19 Nov 2021 16:44
 Operator : SY/MD
 Sample : M4758-19
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP10

Quant Time: Nov 22 03:20:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

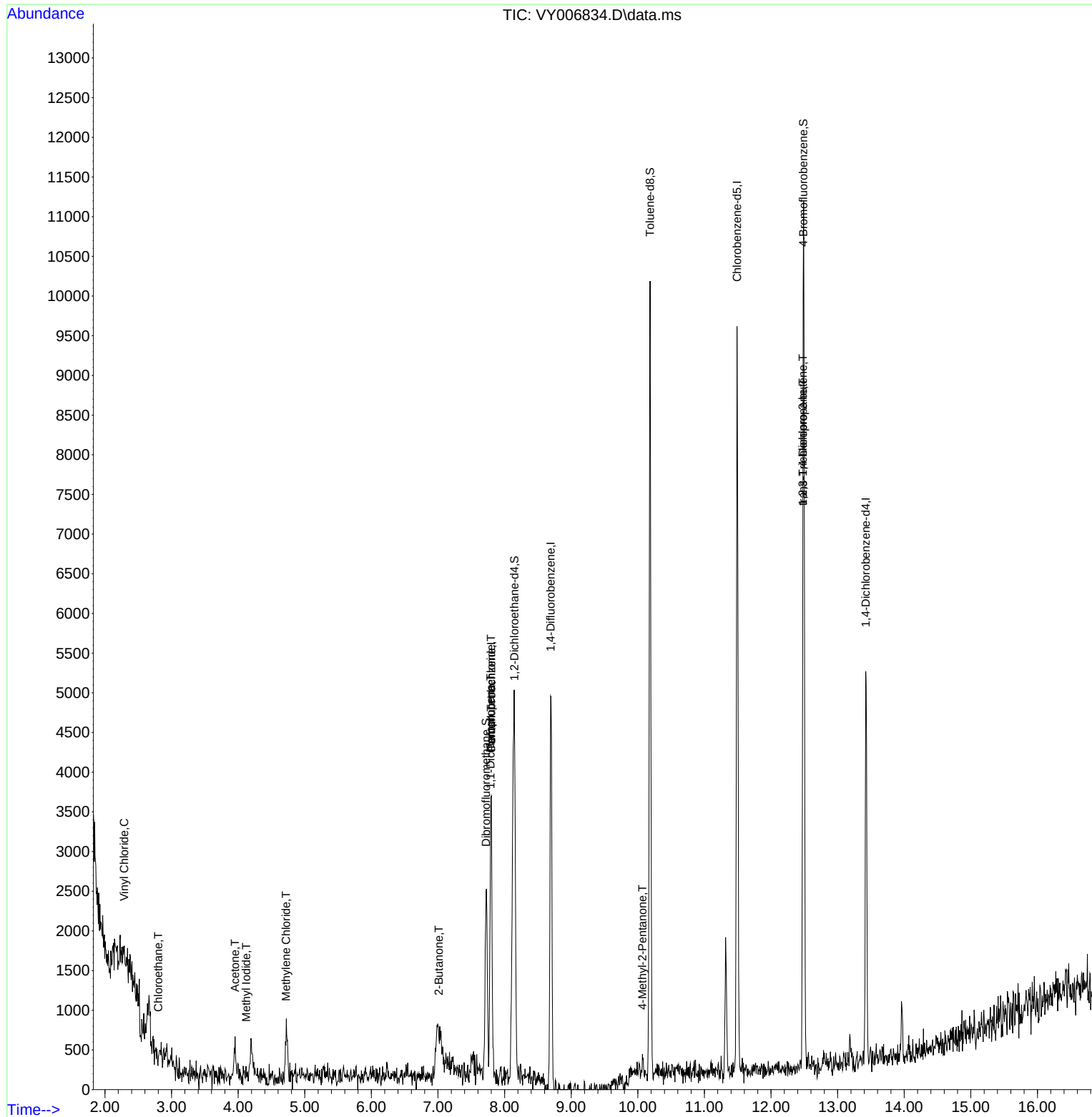
Internal Standards						
1) Pentafluorobenzene	7.801	168	2725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	4842	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.489	117	5031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	3179	89.012	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 178.020%#	
35) Dibromofluoromethane	7.722	113	1784	59.984	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.960%	
50) Toluene-d8	10.185	98	6526	53.025	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.060%	
62) 4-Bromofluorobenzene	12.483	95	1907	45.962	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.920%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.290	62	80	2.002	ug/l #	44
6) Chloroethane	2.802	64	69	2.822	ug/l #	45
10) Methyl Iodide	4.119	142	49	1.473	ug/l #	36
16) Acetone	3.954	43	611	56.308	ug/l #	83
20) Methylene Chloride	4.716	84	363	8.358	ug/l #	58
25) 2-Butanone	7.015	43	22	12.831	ug/l #	52
36) 1,1-Dichloropropene	7.789	75	272	5.168	ug/l #	42
38) Carbon Tetrachloride	7.795	117	279	5.183	ug/l #	12
51) 4-Methyl-2-Pentanone	10.069	43	120	3.451	ug/l #	39
76) 1,2,3-Trichloropropane	12.477	75	973	64.617	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	973	128.036	ug/l #	7

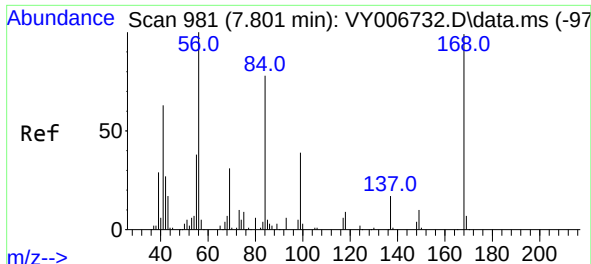
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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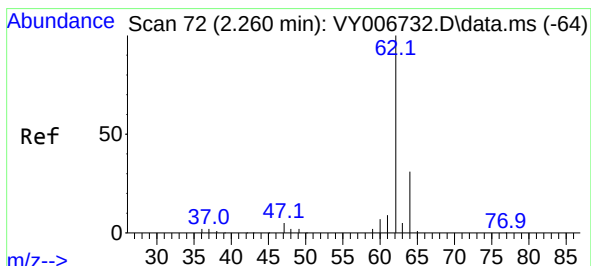
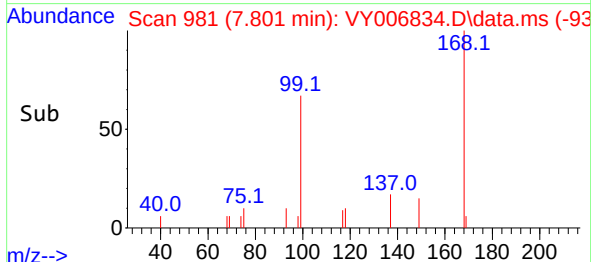
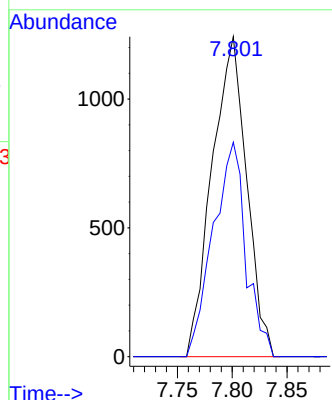
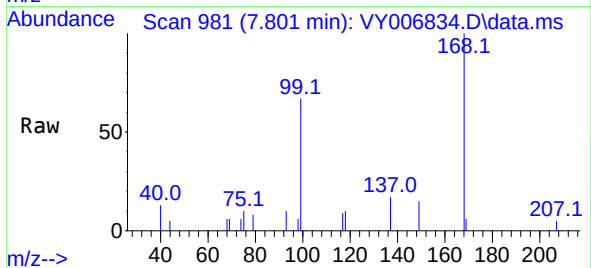




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006834.D
Acq: 19 Nov 2021 16:44

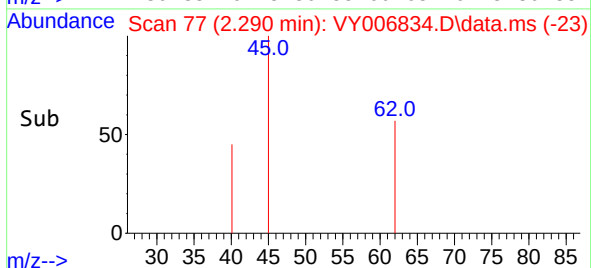
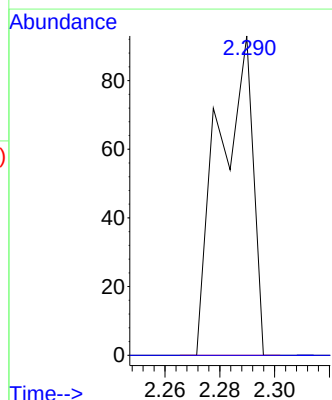
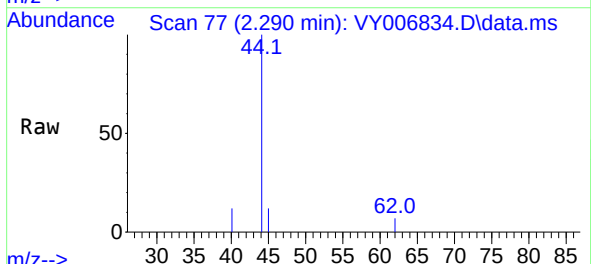
Instrument :
MSVOA_Y
ClientSampleId :
TP10

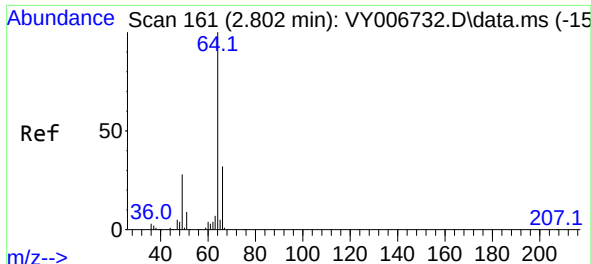
Tgt Ion:168 Resp: 2725
Ion Ratio Lower Upper
168 100
99 67.0 44.8 67.2



#4
Vinyl Chloride
Concen: 2.002 ug/l
RT: 2.290 min Scan# 77
Delta R.T. 0.030 min
Lab File: VY006834.D
Acq: 19 Nov 2021 16:44

Tgt Ion: 62 Resp: 80
Ion Ratio Lower Upper
62 100
64 0.0 24.7 37.1#

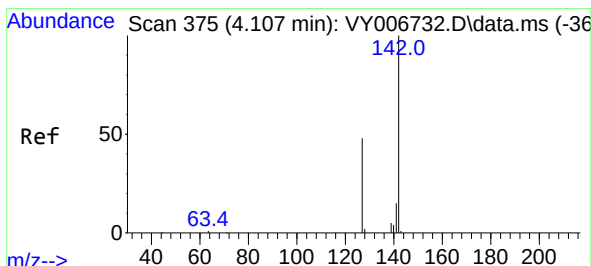
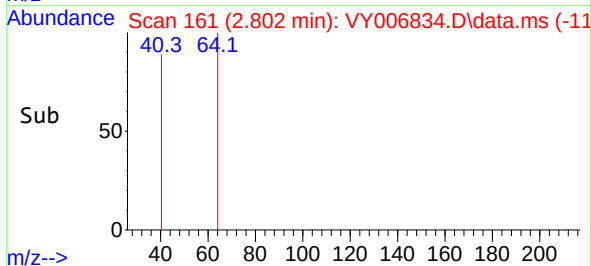
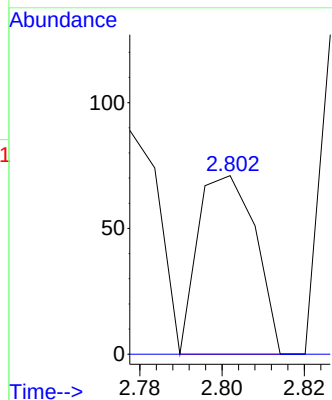
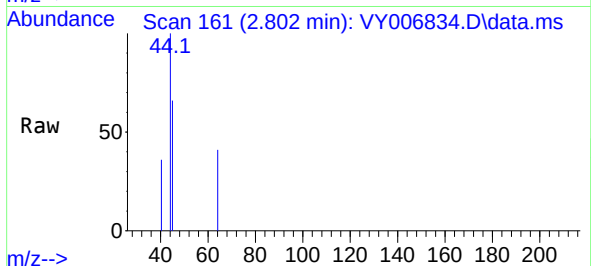




#6
Chloroethane
Concen: 2.822 ug/l
RT: 2.802 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006834.D
Acq: 19 Nov 2021 16:44

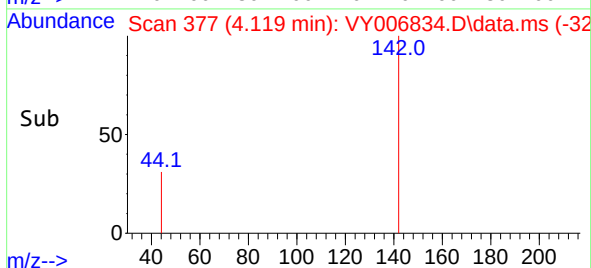
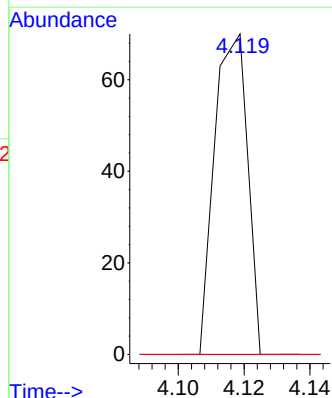
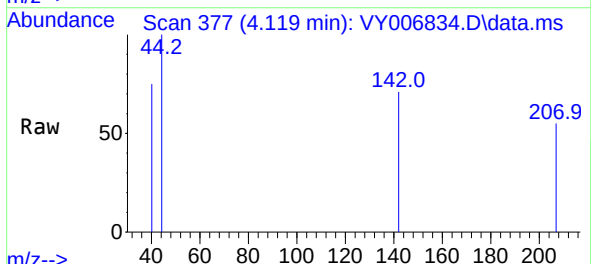
Instrument :
MSVOA_Y
ClientSampleId :
TP10

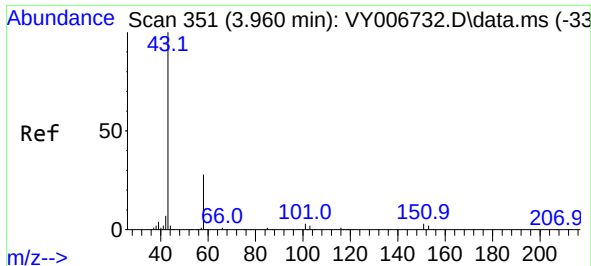
Tgt Ion: 64 Resp: 69
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.6#



#10
Methyl Iodide
Concen: 1.473 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.012 min
Lab File: VY006834.D
Acq: 19 Nov 2021 16:44

Tgt Ion:142 Resp: 49
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#

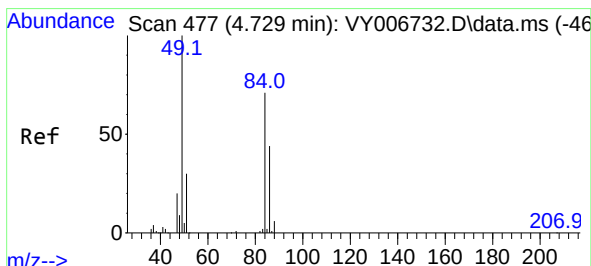
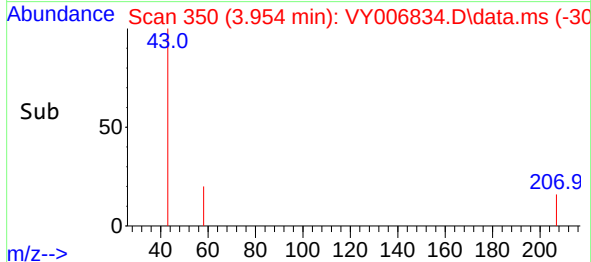
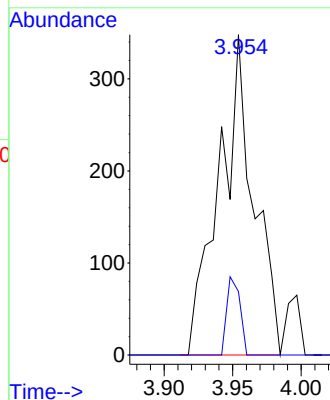
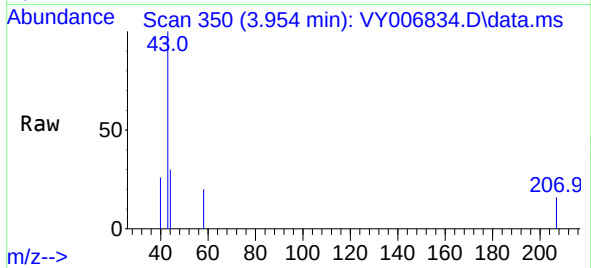




#16
Acetone
Concen: 56.308 ug/l
RT: 3.954 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY006834.D
Acq: 19 Nov 2021 16:44

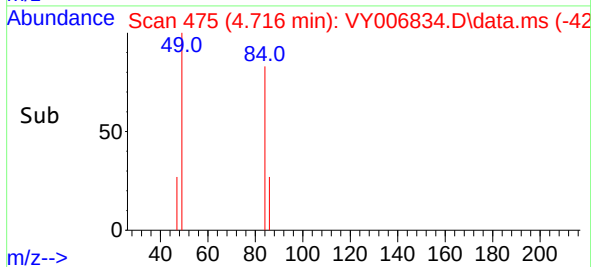
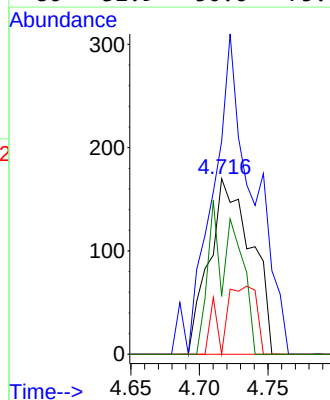
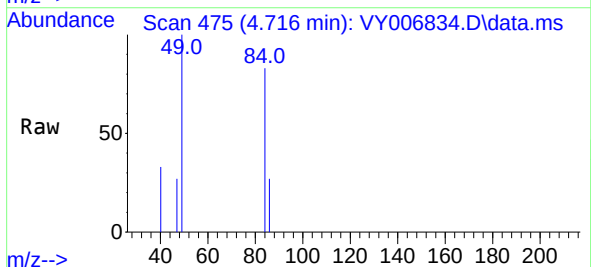
Instrument :
MSVOA_Y
ClientSampleId :
TP10

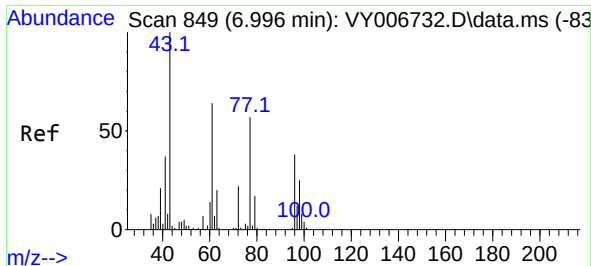
Tgt Ion: 43 Resp: 611
Ion Ratio Lower Upper
43 100
58 19.8 22.9 34.3#



#20
Methylene Chloride
Concen: 8.358 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.013 min
Lab File: VY006834.D
Acq: 19 Nov 2021 16:44

Tgt Ion: 84 Resp: 363
Ion Ratio Lower Upper
84 100
49 91.8 107.8 161.8#
51 0.0 32.8 49.2#
86 32.9 50.6 75.8#

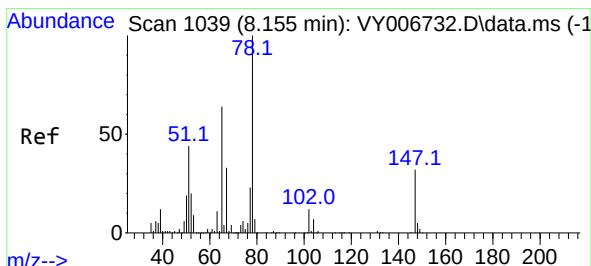
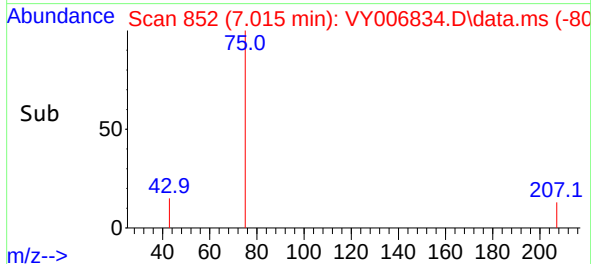
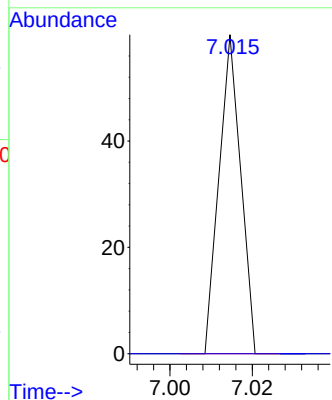
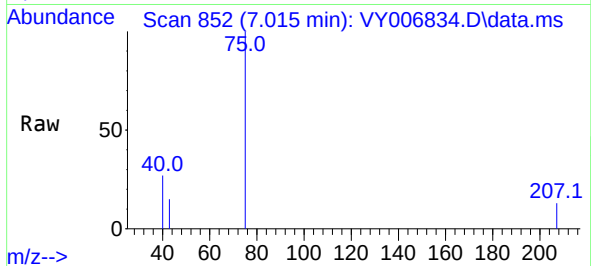




#25
2-Butanone
Concen: 12.831 ug/l
RT: 7.015 min Scan# 81
Delta R.T. 0.019 min
Lab File: VY006834.D
Acq: 19 Nov 2021 16:44

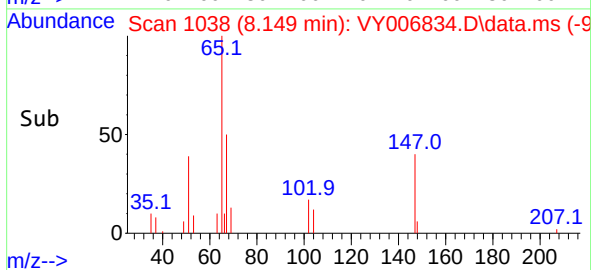
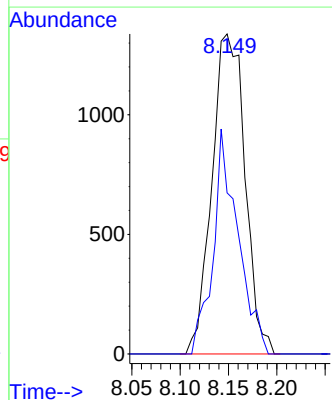
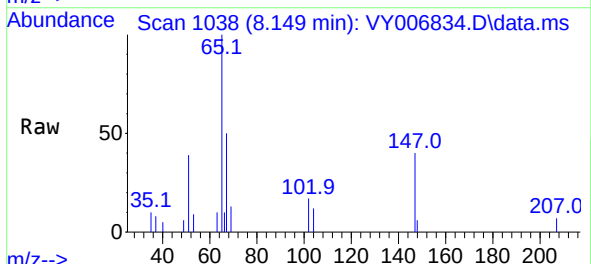
Instrument :
MSVOA_Y
ClientSampleId :
TP10

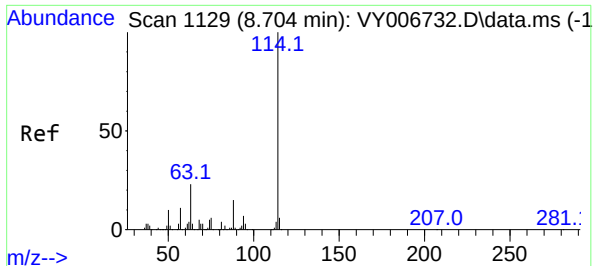
Tgt Ion: 43 Resp: 22
Ion Ratio Lower Upper
43 100
72 0.0 18.9 28.3#



#33
1,2-Dichloroethane-d4
Concen: 89.012 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY006834.D
Acq: 19 Nov 2021 16:44

Tgt Ion: 65 Resp: 3179
Ion Ratio Lower Upper
65 100
67 52.6 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1129

Delta R.T. -0.012 min

Lab File: VY006834.D

Acq: 19 Nov 2021 16:44

Instrument :

MSVOA_Y

ClientSampleId :

TP10

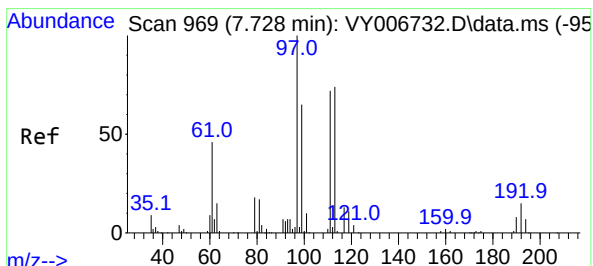
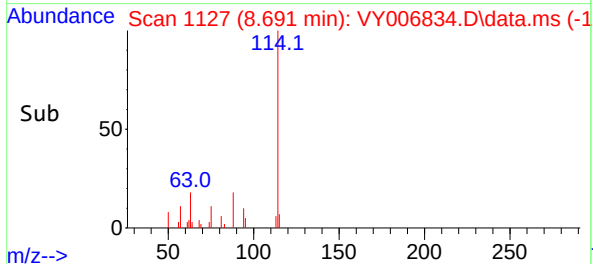
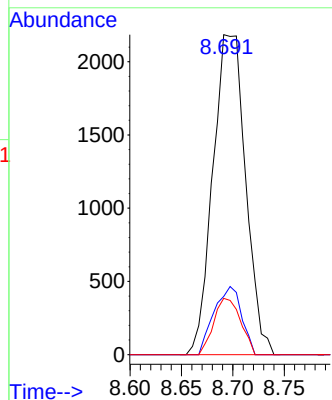
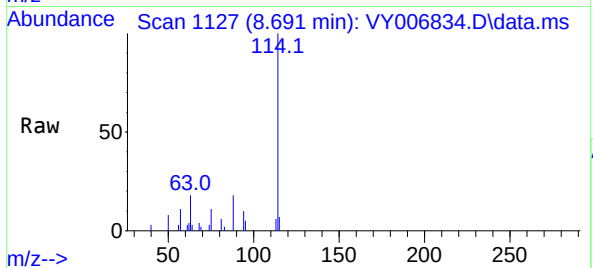
Tgt Ion:114 Resp: 4842

Ion Ratio Lower Upper

114 100

63 18.2 0.0 45.0

88 17.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 59.984 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY006834.D

Acq: 19 Nov 2021 16:44

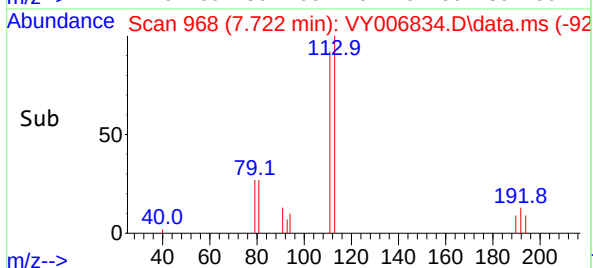
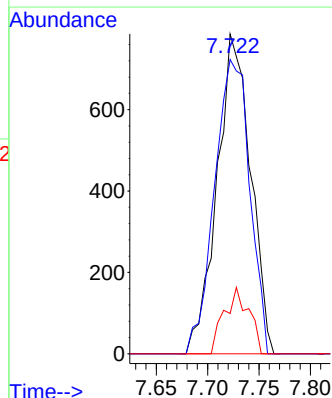
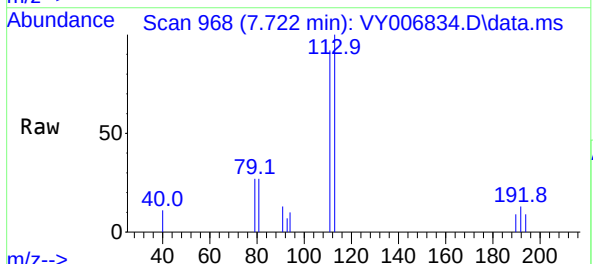
Tgt Ion:113 Resp: 1784

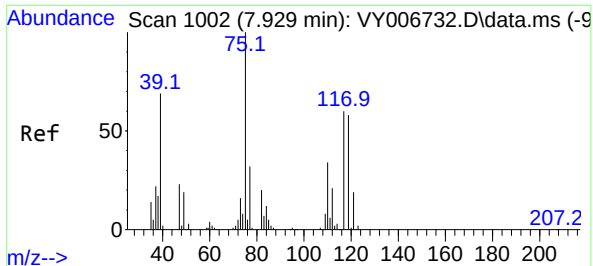
Ion Ratio Lower Upper

113 100

111 96.5 82.3 123.5

192 15.2 17.4 26.2#





#36

1,1-Dichloropropene

Concen: 5.168 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.140 min

Lab File: VY006834.D

Acq: 19 Nov 2021 16:44

Instrument :

MSVOA_Y

ClientSampleId :

TP10

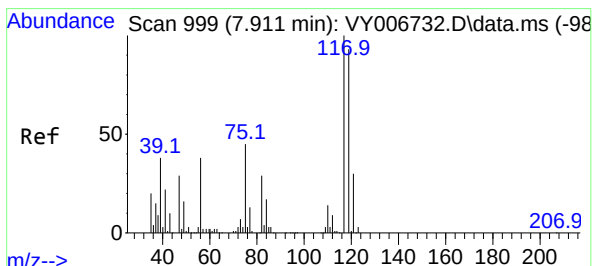
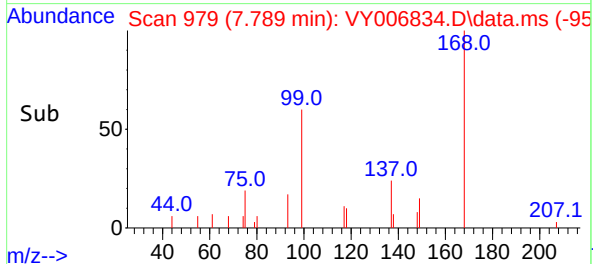
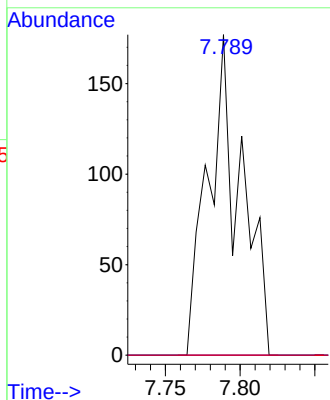
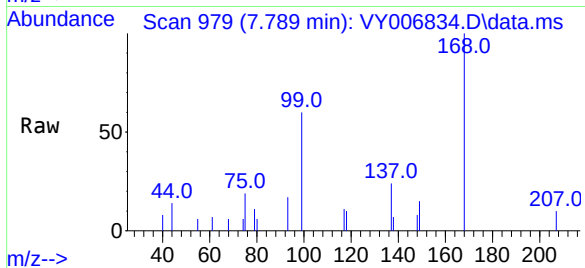
Tgt Ion: 75 Resp: 272

Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.3#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.183 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.116 min

Lab File: VY006834.D

Acq: 19 Nov 2021 16:44

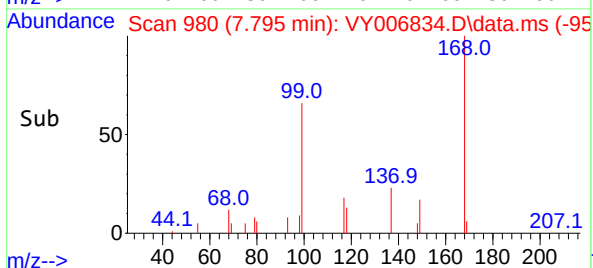
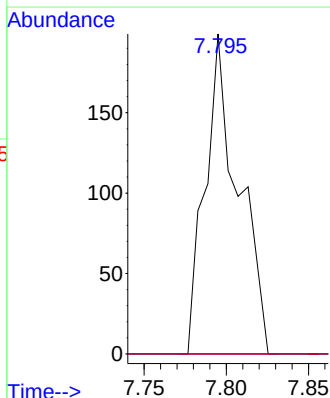
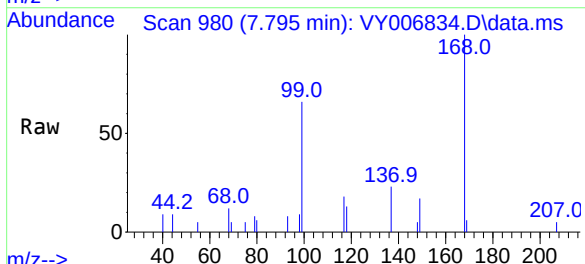
Tgt Ion: 117 Resp: 279

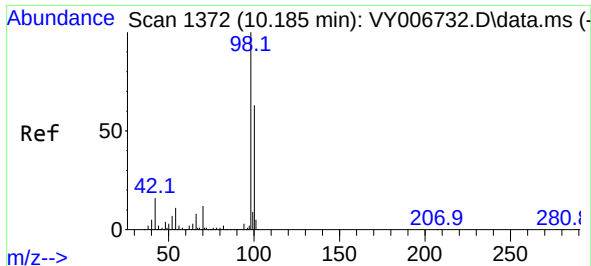
Ion Ratio Lower Upper

117 100

119 0.0 76.6 115.0#

121 0.0 24.7 37.1#

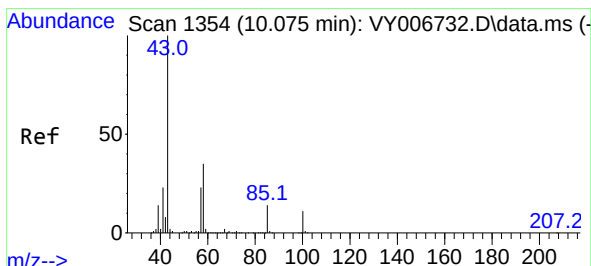
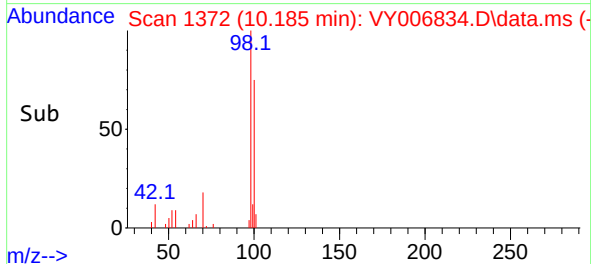
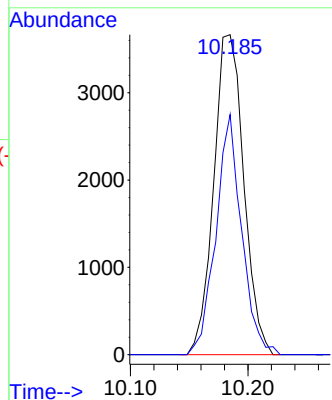
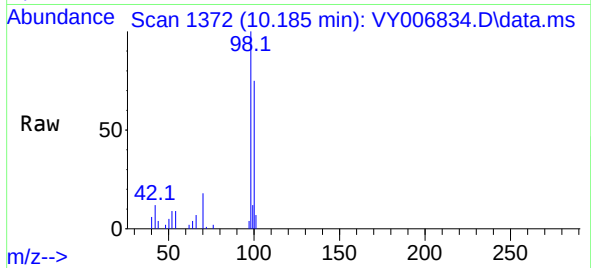




#50
Toluene-d8
Concen: 53.025 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006834.D
Acq: 19 Nov 2021 16:44

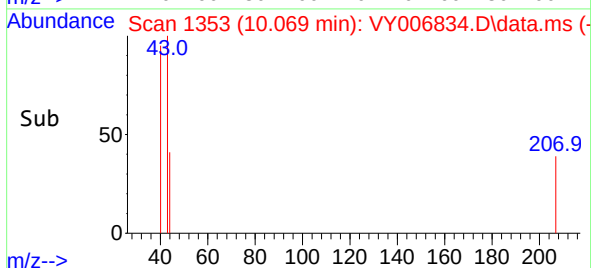
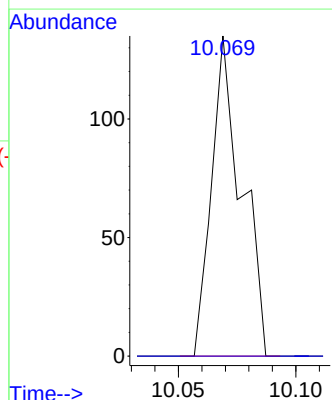
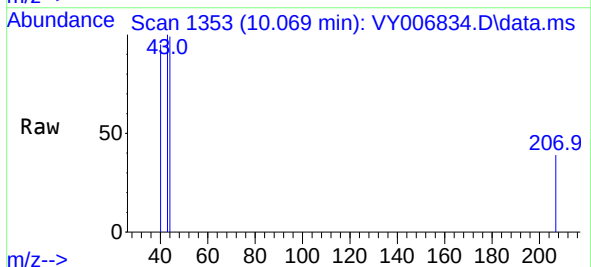
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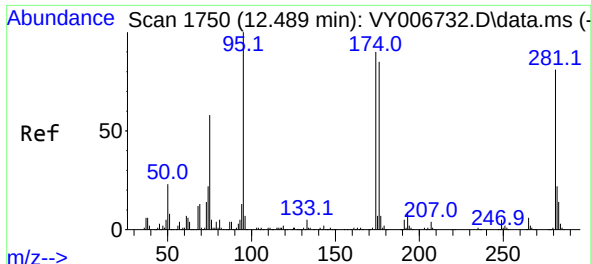
Tgt Ion: 98 Resp: 6526
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 3.451 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY006834.D
Acq: 19 Nov 2021 16:44

Tgt Ion: 43 Resp: 120
Ion Ratio Lower Upper
43 100
58 0.0 28.7 43.1#

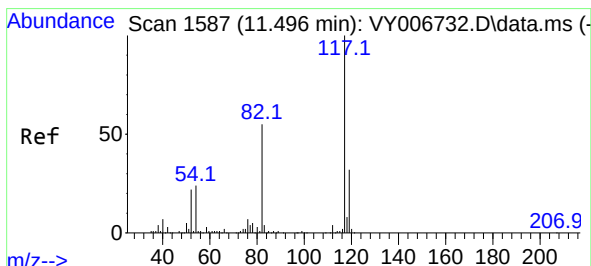
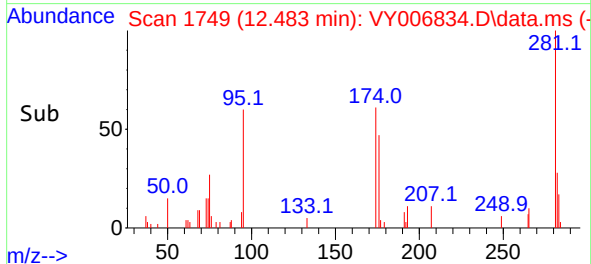
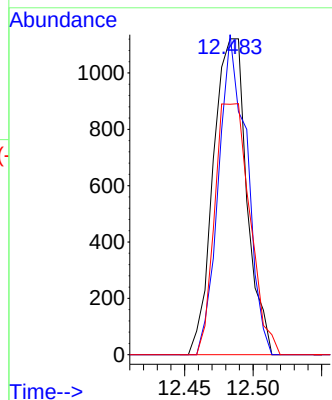
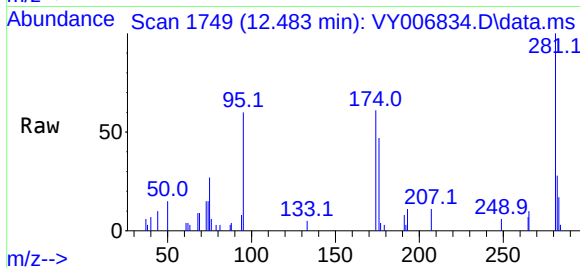




#62
4-Bromofluorobenzene
Concen: 45.962 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006834.D
Acq: 19 Nov 2021 16:44

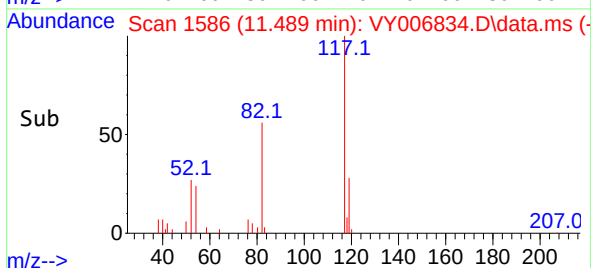
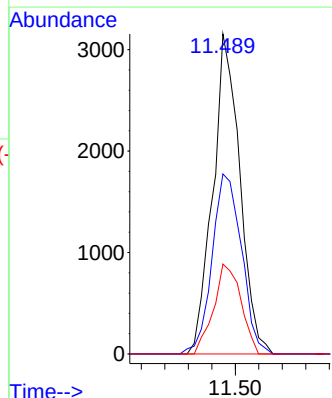
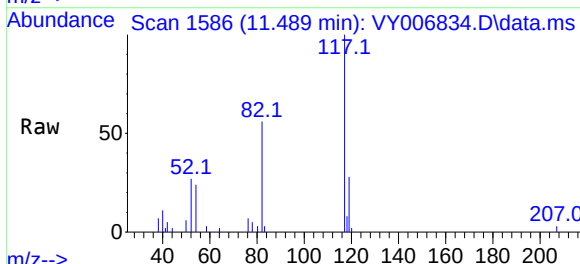
Instrument :
MSVOA_Y
ClientSampleId :
TP10

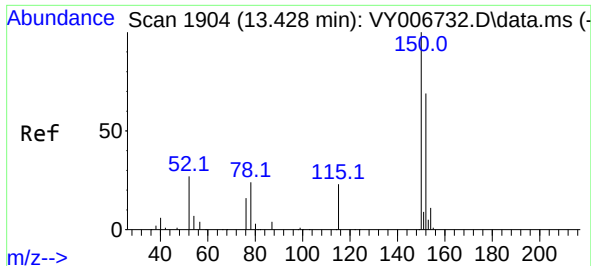
Tgt Ion:	95	Resp:	1907
Ion Ratio	Lower	Upper	
95	100		
174	85.1	0.0	177.0
176	83.1	0.0	169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006834.D
Acq: 19 Nov 2021 16:44

Tgt Ion:	117	Resp:	5031
Ion Ratio	Lower	Upper	
117	100		
82	56.3	45.7	68.5
119	28.1	25.5	38.3

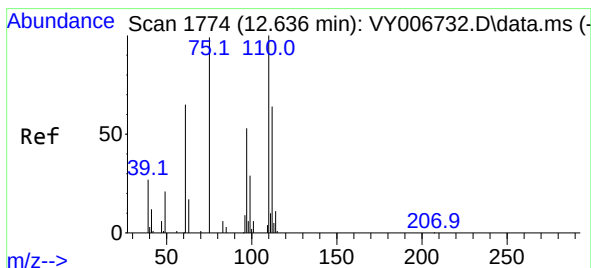
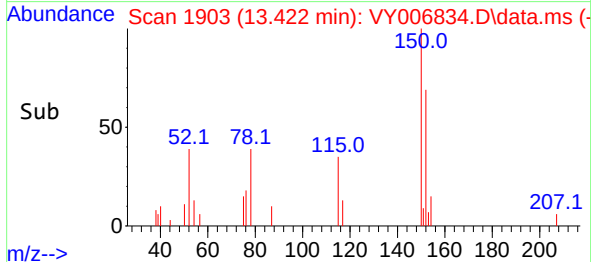
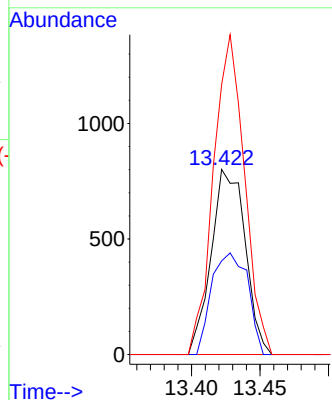
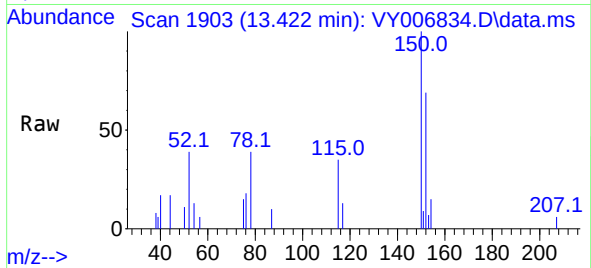




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY006834.D
Acq: 19 Nov 2021 16:44

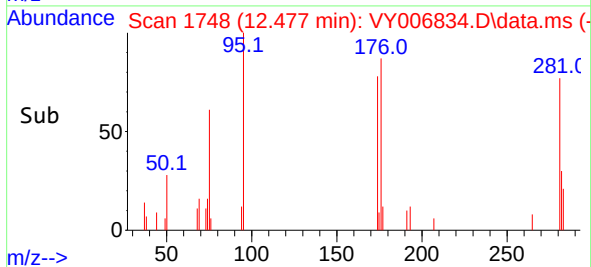
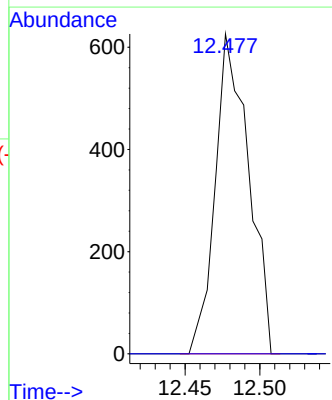
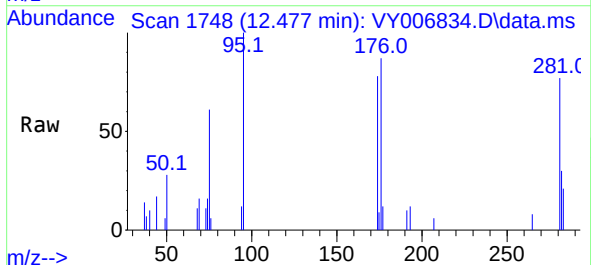
Instrument :
MSVOA_Y
ClientSampleId :
TP10

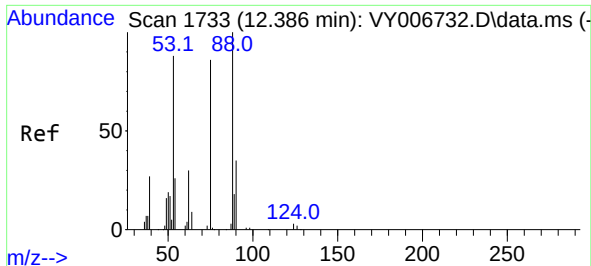
Tgt Ion:152 Resp: 1385
Ion Ratio Lower Upper
152 100
115 58.3 28.5 85.5
150 157.3 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 64.617 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY006834.D
Acq: 19 Nov 2021 16:44

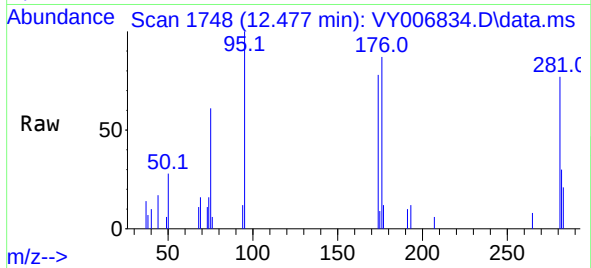
Tgt Ion: 75 Resp: 973
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 128.036 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.091 min
Lab File: VY006834.D
Acq: 19 Nov 2021 16:44

Instrument :
MSVOA_Y
ClientSampleId :
TP10



Tgt Ion: 75 Resp: 973
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

