

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY031720\NOT REVIEWED DATA\
 Data File : VY001993.D
 Acq On : 17 Mar 2020 13:08
 Operator : SY/MD
 Sample : L1954-01
 Misc : 7.52G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-10(8-9)

Quant Time: Mar 17 18:07:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	143248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	278469	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	249794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	107054	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	86510	56.57	ug/l	0.00
Spiked Amount						
			Recovery	=	113.14%	
35) Dibromofluoromethane	7.74	113	82115	54.00	ug/l	-0.01
Spiked Amount						
			Recovery	=	108.00%	
50) Toluene-d8	10.19	98	335175	52.27	ug/l	0.00
Spiked Amount						
			Recovery	=	104.54%	
62) 4-Bromofluorobenzene	12.49	95	112300	50.37	ug/l	0.00
Spiked Amount						
			Recovery	=	100.74%	

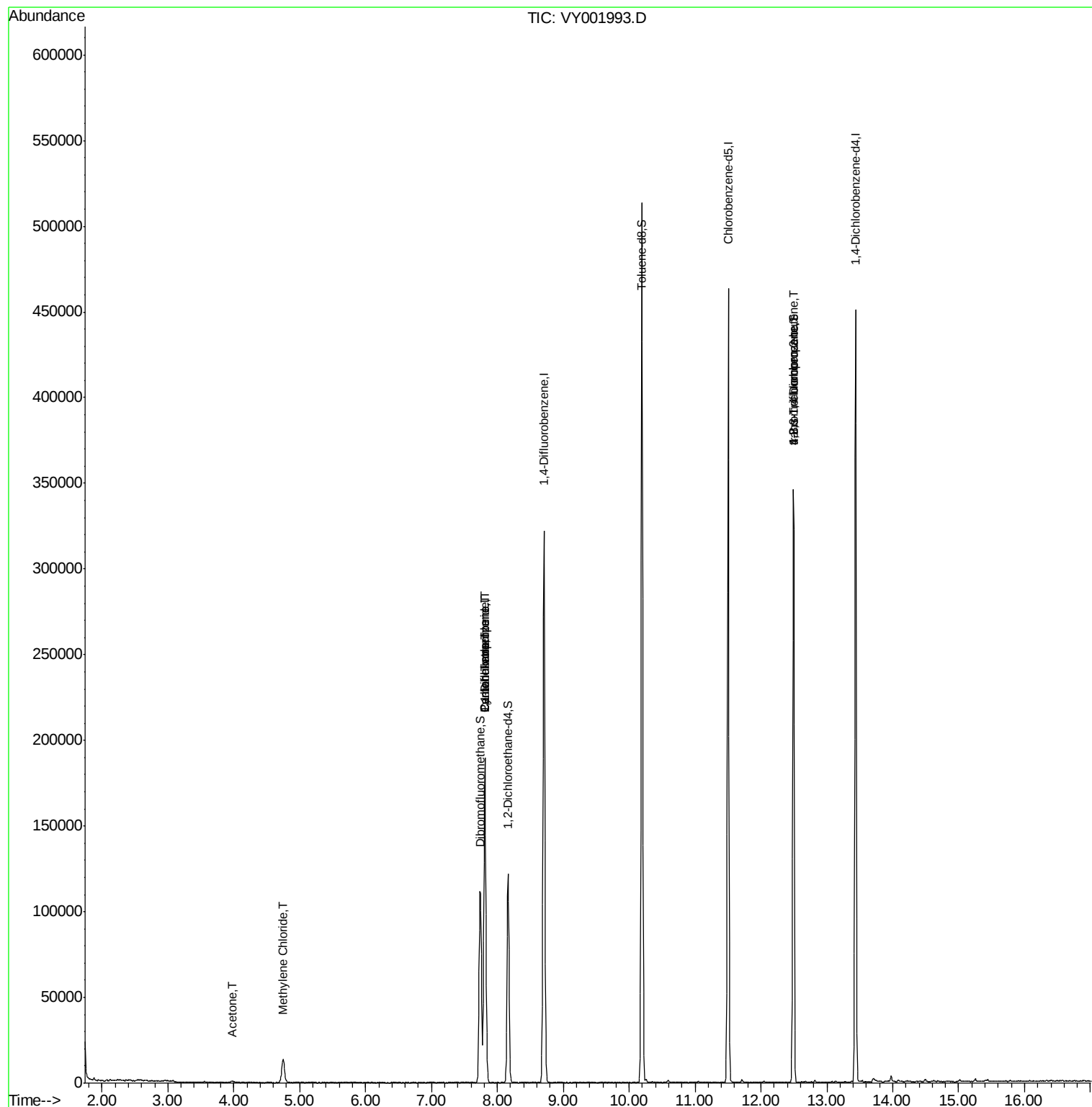
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.69	94	145	Below Cal		98
11) Tert butyl alcohol	4.99	59	42	Below Cal	#	74
16) Acetone	3.98	43	1959	4.40	ug/l	96
20) Methylene Chloride	4.74	84	9916	5.19	ug/l	90
31) Cyclohexane	7.81	56	3468	1.03	ug/l	# 1
36) 1,1-Dichloropropene	7.81	75	11827	4.41	ug/l	# 50
38) Carbon Tetrachloride	7.81	117	14306	6.25	ug/l	# 16
76) 1,2,3-Trichloropropane	12.49	75	56925	44.81	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.49	75	56925	90.52	ug/l	# 17

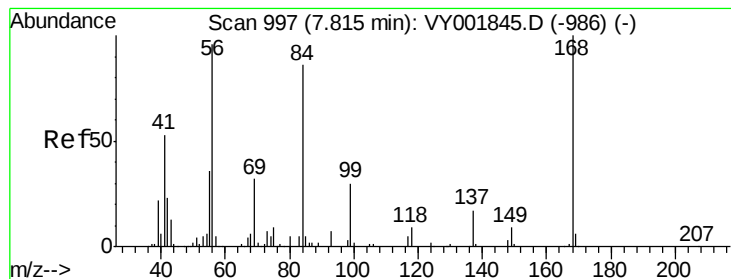
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.00 min

Lab File: VY001993.D

Acq: 17 Mar 2020 13:08

Instrument :

MSVOA_Y

ClientSampleId :

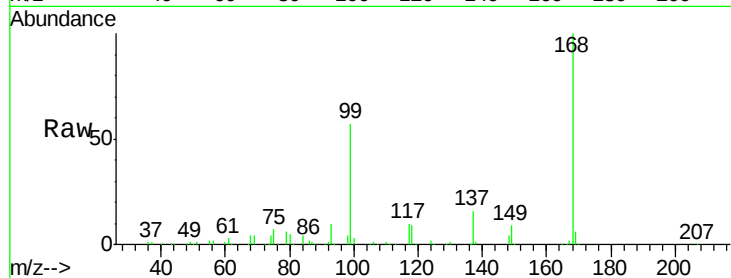
TP-10(8-9)

Tgt Ion:168 Resp: 143248

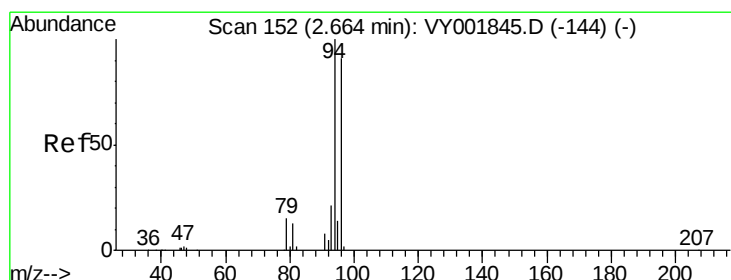
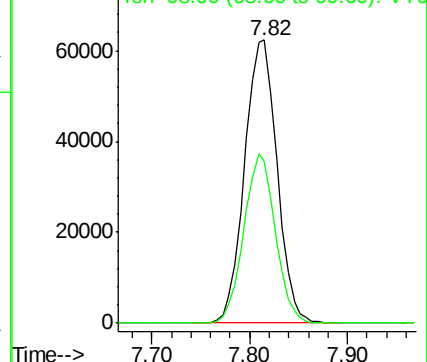
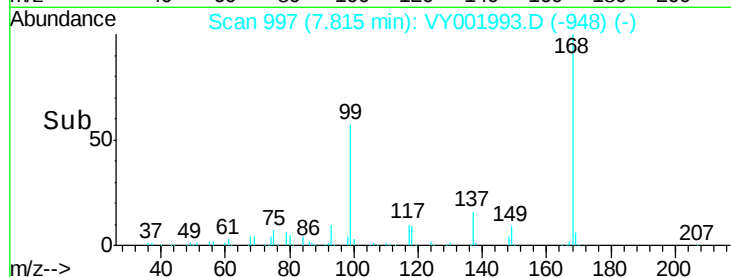
Ion Ratio Lower Upper

168 100

99 57.3 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001993.D (-948) (-)



#5

Bromomethane

Concen: Below Cal

RT: 2.69 min Scan# 156

Delta R.T. 0.02 min

Lab File: VY001993.D

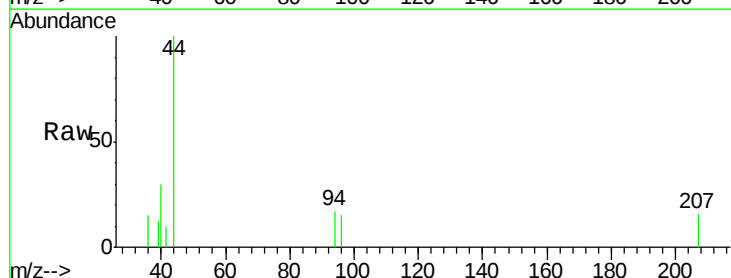
Acq: 17 Mar 2020 13:08

Tgt Ion: 94 Resp: 145

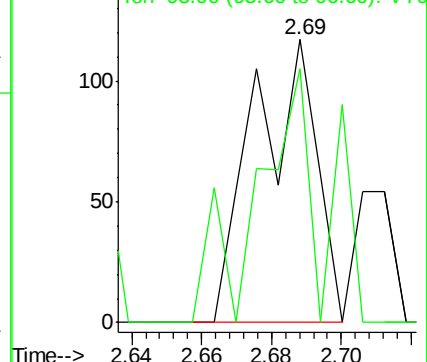
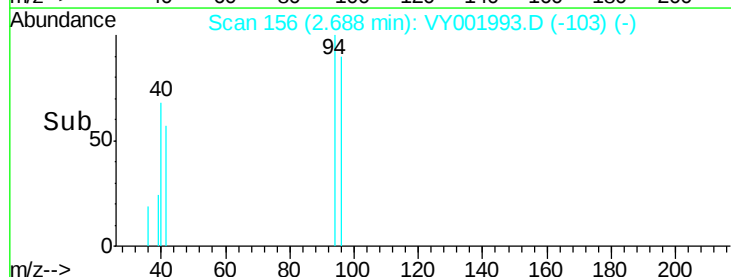
Ion Ratio Lower Upper

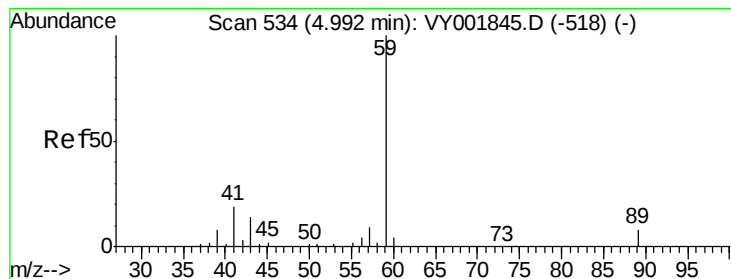
94 100

96 89.7 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VY001993.D (-103) (-)



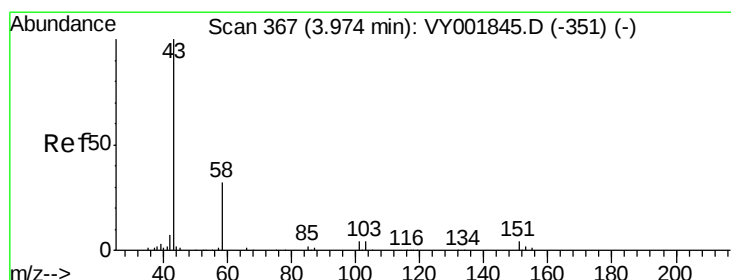
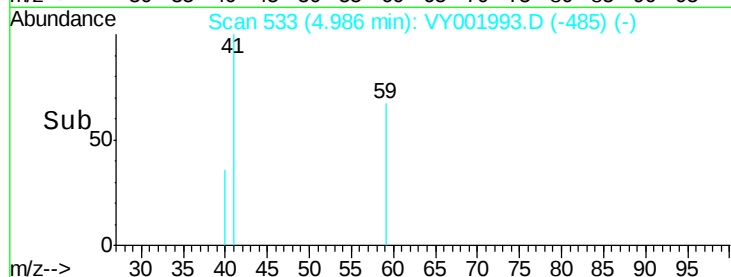
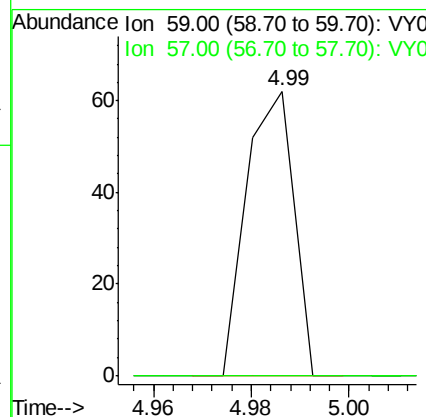
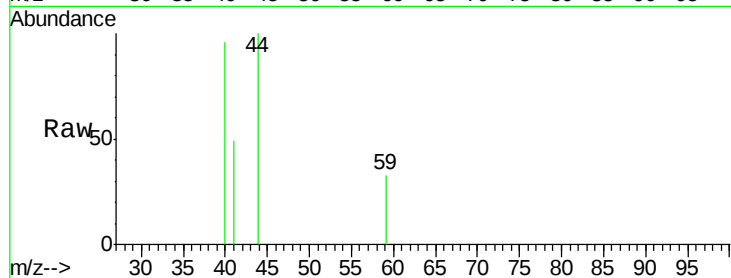


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 4.99 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: VY001993.D
 Acq: 17 Mar 2020 13:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-10(8-9)

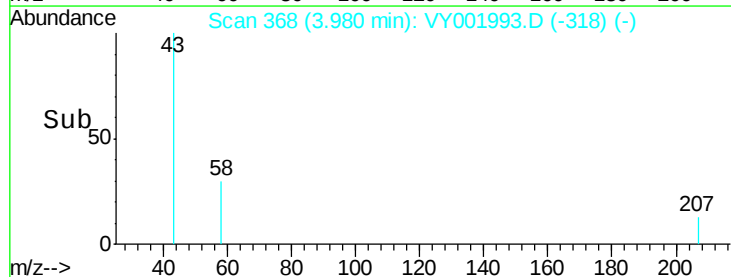
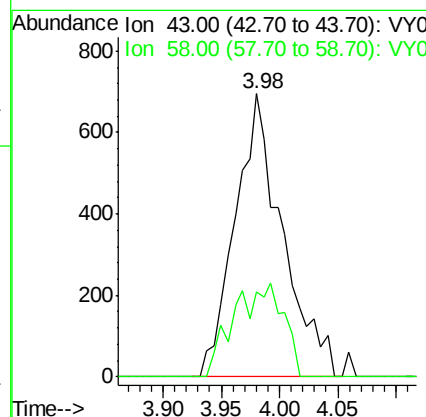
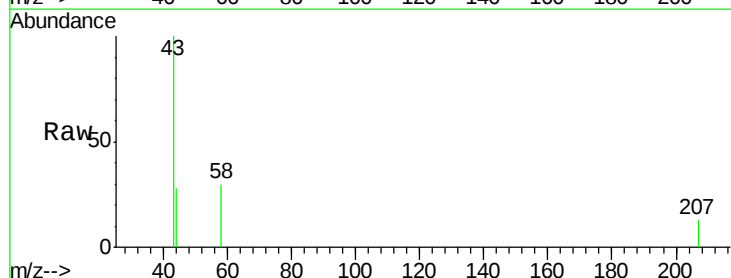
Tgt Ion: 59 Resp: 42
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.2#

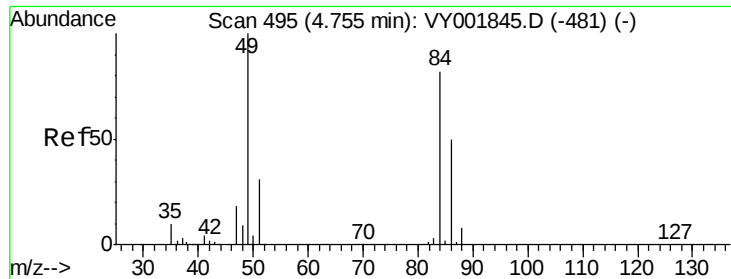


#16

Acetone
 Concen: 4.40 ug/l
 RT: 3.98 min Scan# 368
 Delta R.T. 0.01 min
 Lab File: VY001993.D
 Acq: 17 Mar 2020 13:08

Tgt Ion: 43 Resp: 1959
 Ion Ratio Lower Upper
 43 100
 58 29.9 25.9 38.9

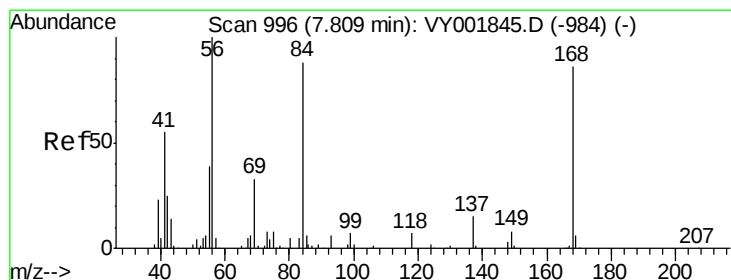
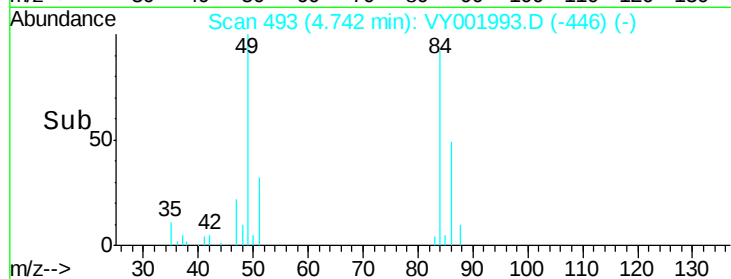
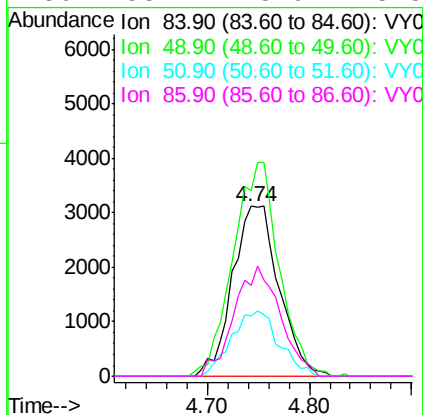
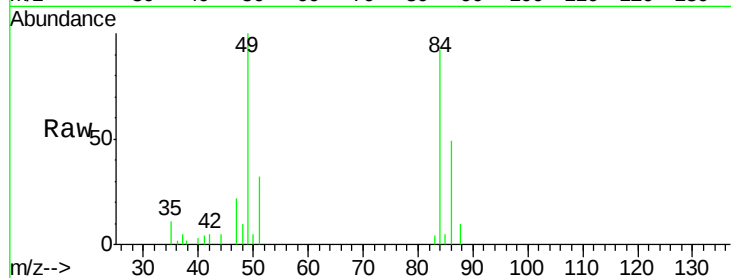




#20
Methylene Chloride
Concen: 5.19 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY001993.D
Acq: 17 Mar 2020 13:08

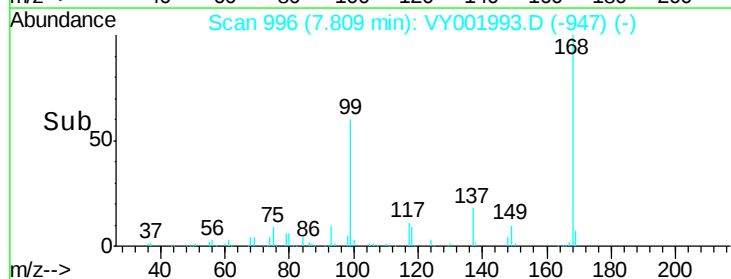
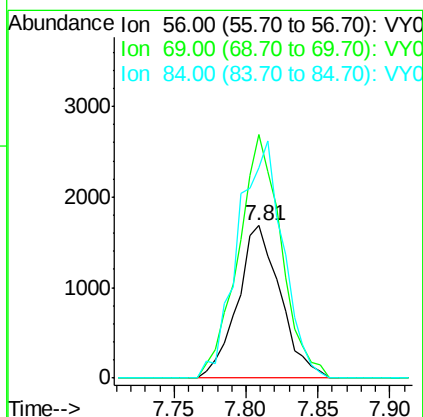
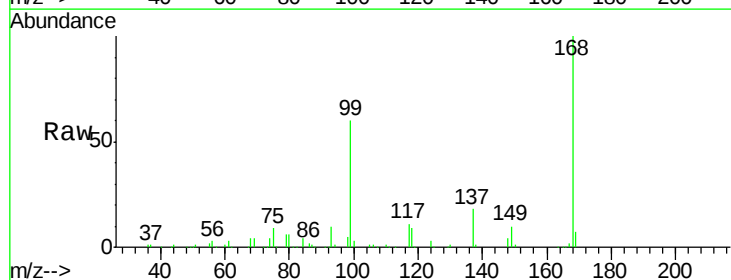
Instrument :
MSVOA_Y
ClientSampleId :
TP-10(8-9)

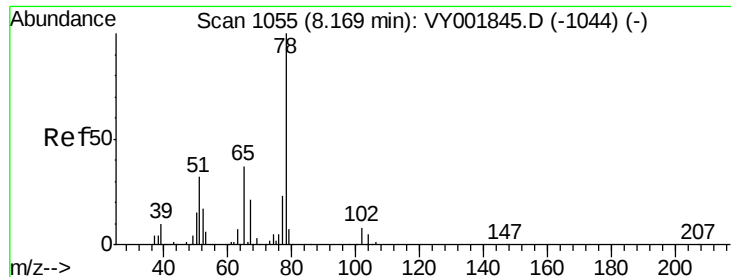
Tgt Ion: 84 Resp: 9916
Ion Ratio Lower Upper
84 100
49 109.1 98.2 147.2
51 35.2 30.2 45.2
86 53.2 48.9 73.3



#31
Cyclohexane
Concen: 1.03 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.00 min
Lab File: VY001993.D
Acq: 17 Mar 2020 13:08

Tgt Ion: 56 Resp: 3468
Ion Ratio Lower Upper
56 100
69 159.8 26.7 40.1#
84 138.0 70.4 105.6#

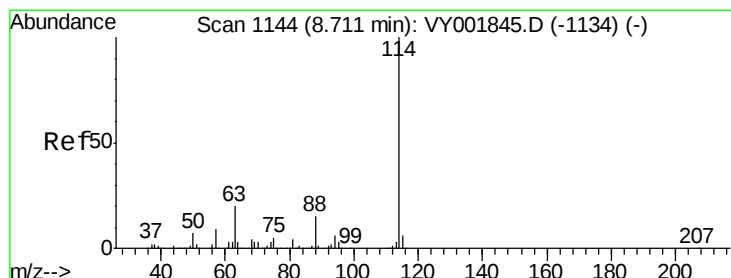
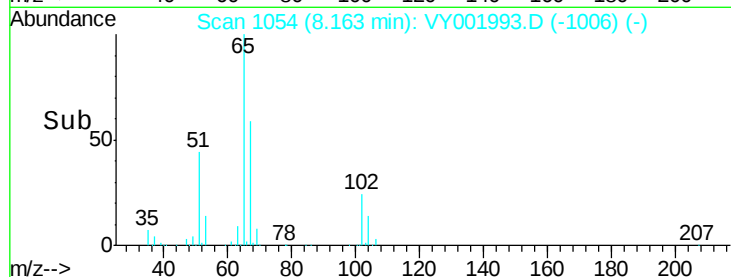
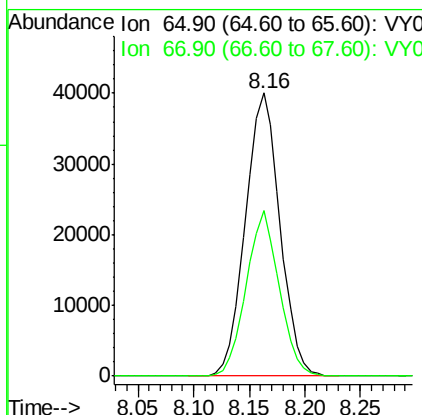
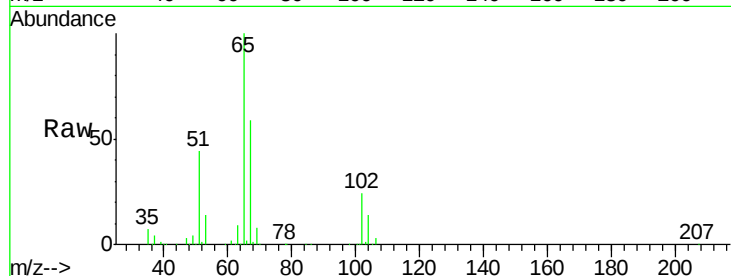




#33
 1,2-Dichloroethane-d4
 Concen: 56.57 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001993.D
 Acq: 17 Mar 2020 13:08

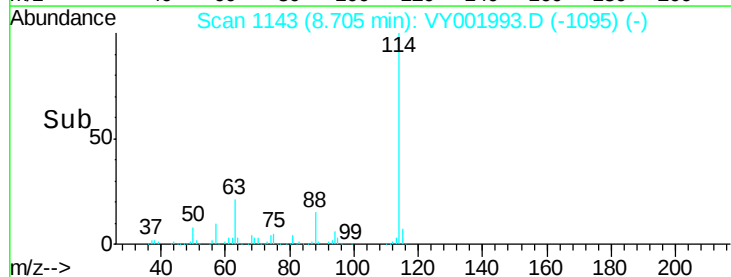
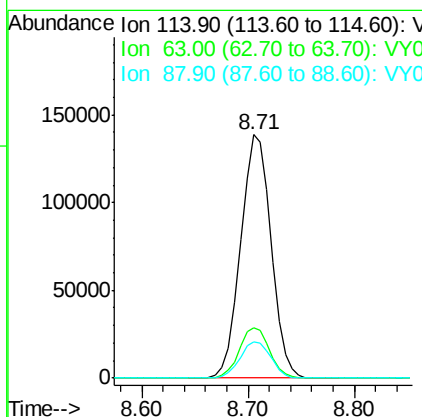
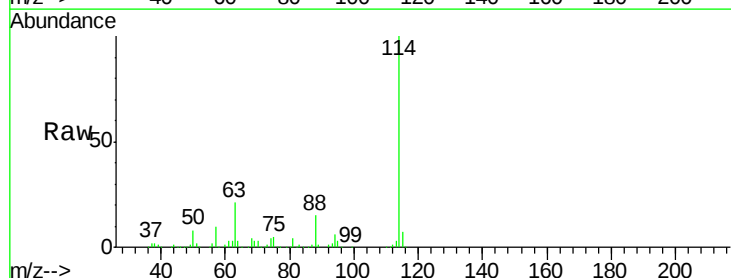
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-10(8-9)

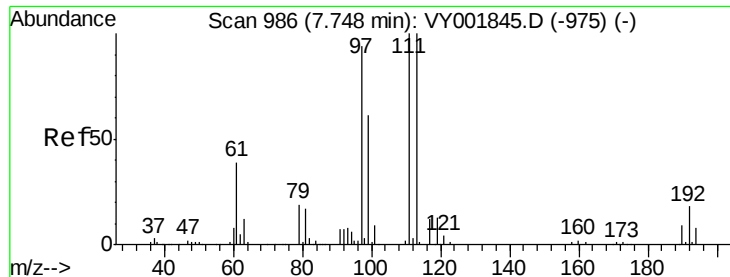
Tgt Ion: 65 Resp: 86510
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001993.D
 Acq: 17 Mar 2020 13:08

Tgt Ion: 114 Resp: 278469
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 39.4
 88 15.1 0.0 30.4

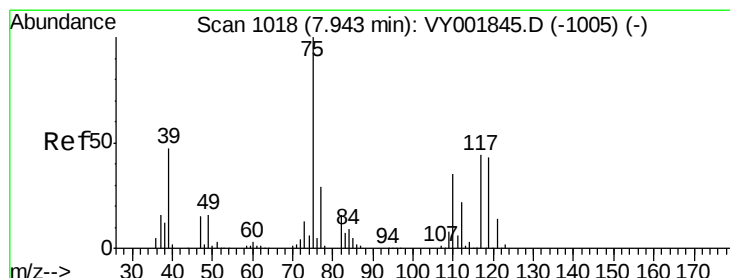
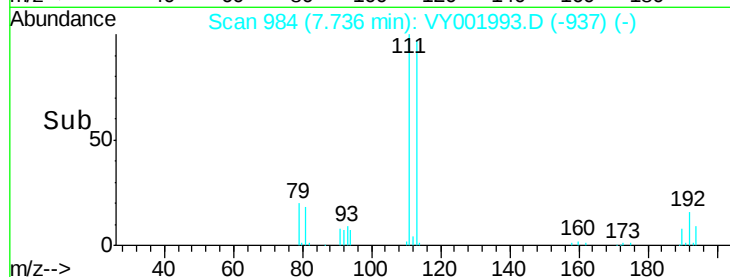
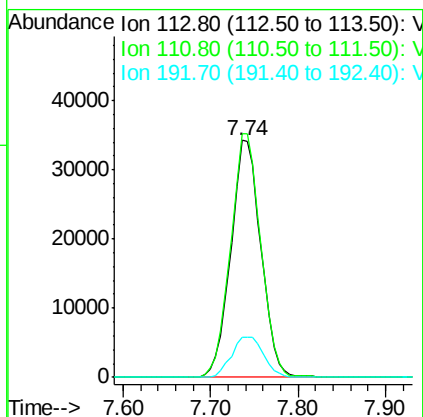
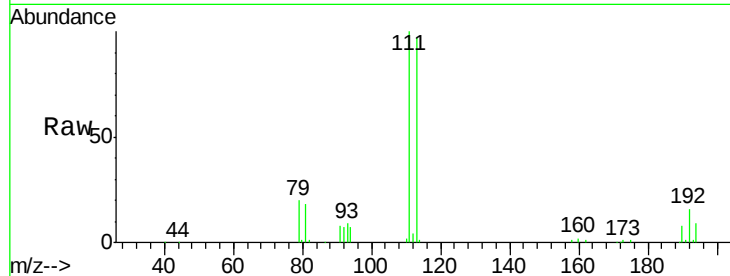




#35
 Dibromofluoromethane
 Concen: 54.00 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY001993.D
 Acq: 17 Mar 2020 13:08

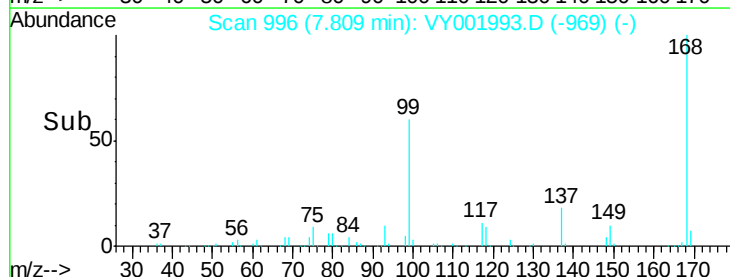
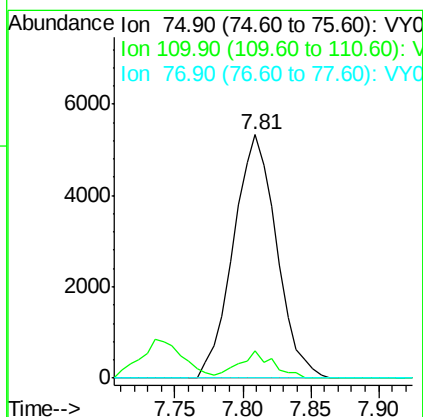
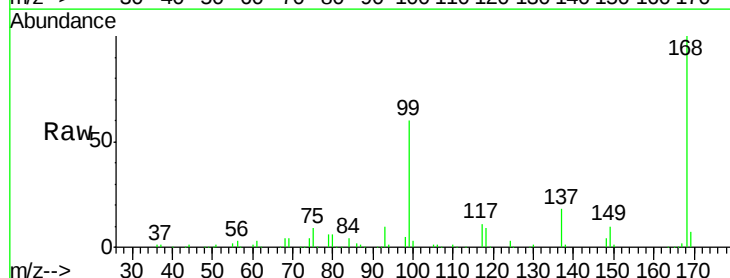
Instrument :
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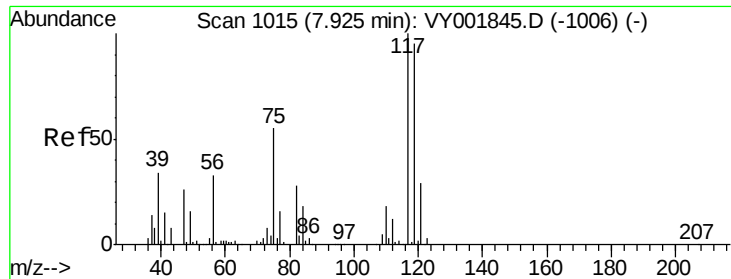
Tgt Ion:113 Resp: 82115
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.8 122.8
 192 18.1 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 4.41 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.13 min
 Lab File: VY001993.D
 Acq: 17 Mar 2020 13:08

Tgt Ion: 75 Resp: 11827
 Ion Ratio Lower Upper
 75 100
 110 8.8 17.4 52.2#
 77 0.0 24.2 36.2#

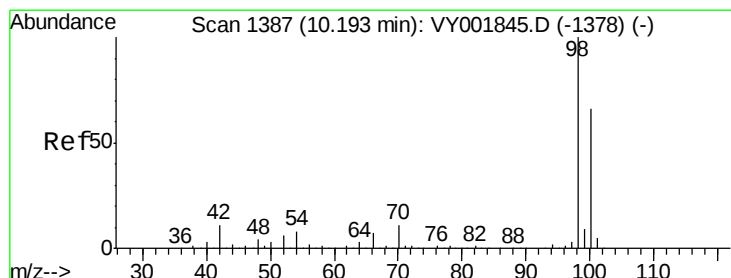
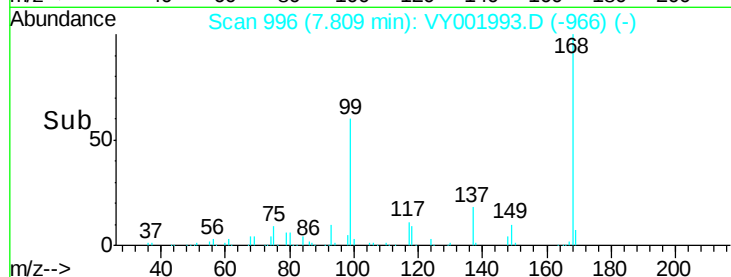
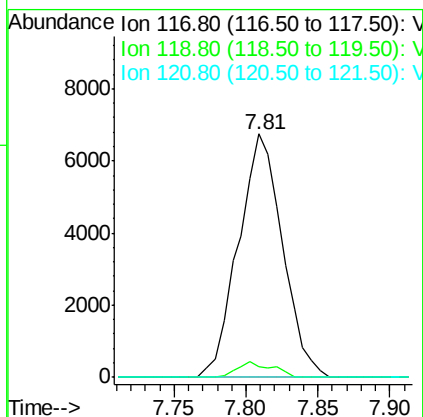
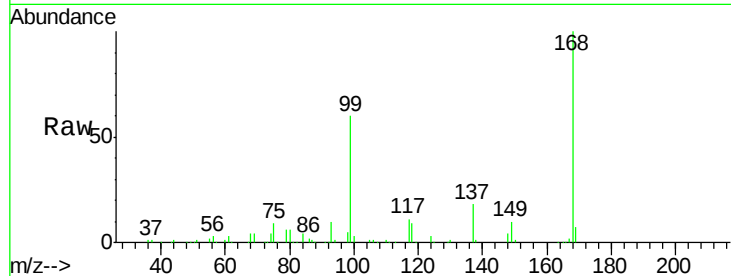




#38
Carbon Tetrachloride
Concen: 6.25 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.12 min
Lab File: VY001993.D
Acq: 17 Mar 2020 13:08

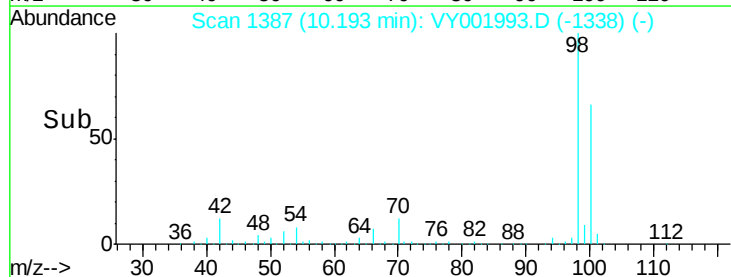
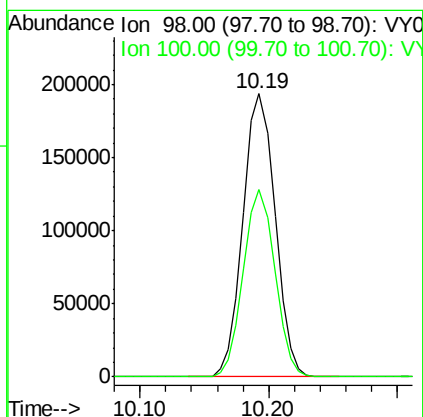
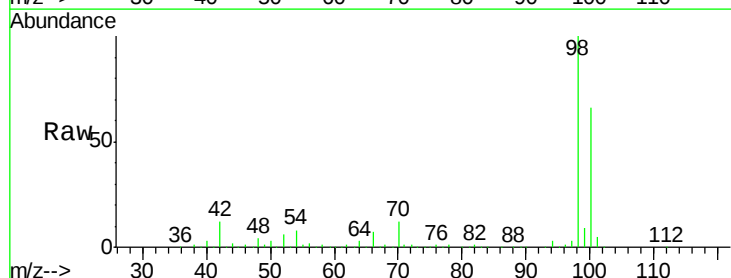
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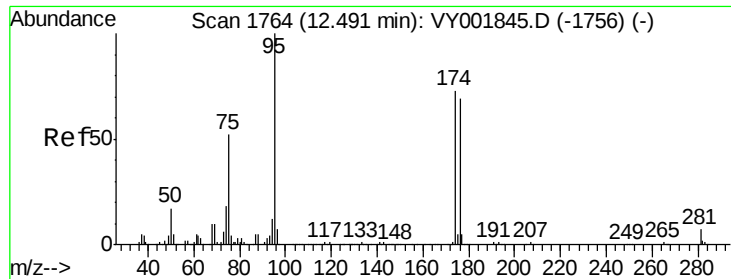
Tgt Ion:117 Resp: 14306
Ion Ratio Lower Upper
117 100
119 4.3 76.3 114.5#
121 0.0 23.5 35.3#



#50
Toluene-d8
Concen: 52.27 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VY001993.D
Acq: 17 Mar 2020 13:08

Tgt Ion: 98 Resp: 335175
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.4

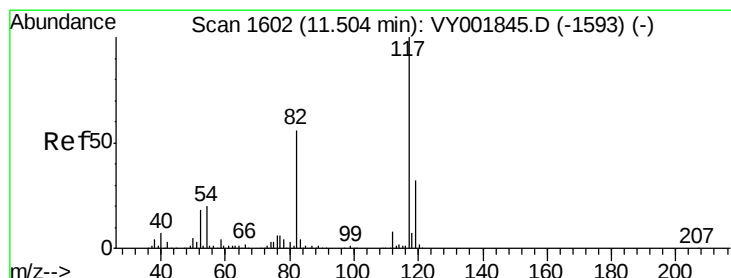
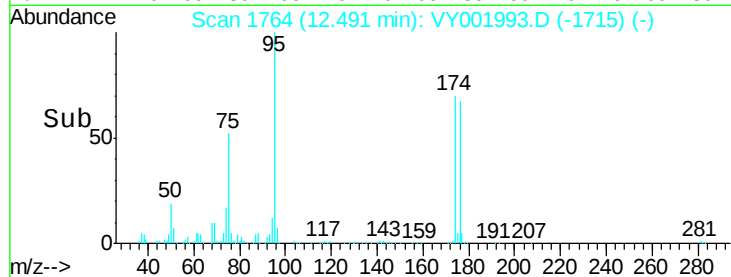
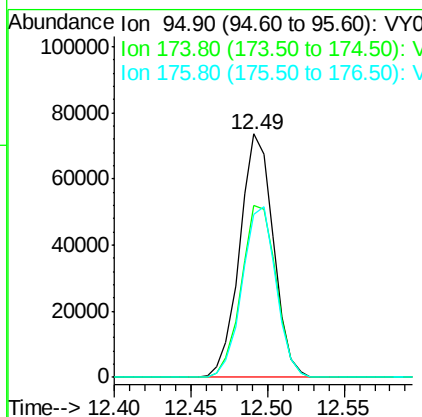
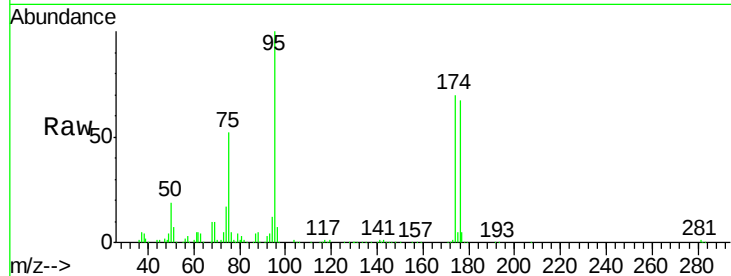




#62
 4-Bromofluorobenzene
 Concen: 50.37 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: VY001993.D
 Acq: 17 Mar 2020 13:08

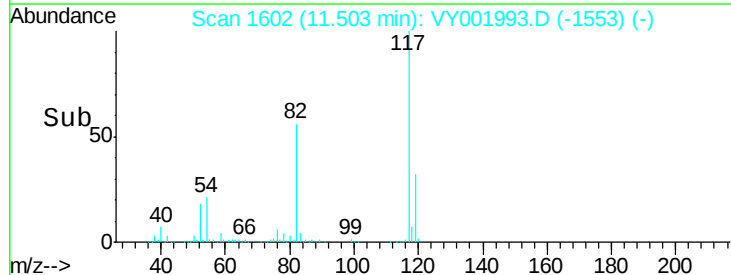
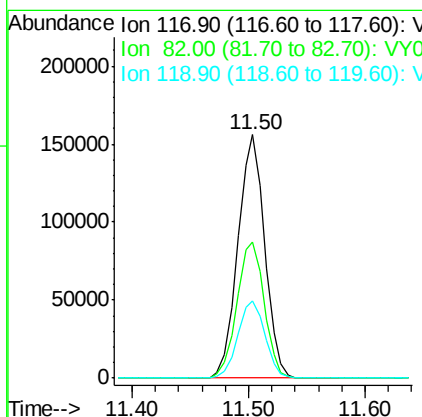
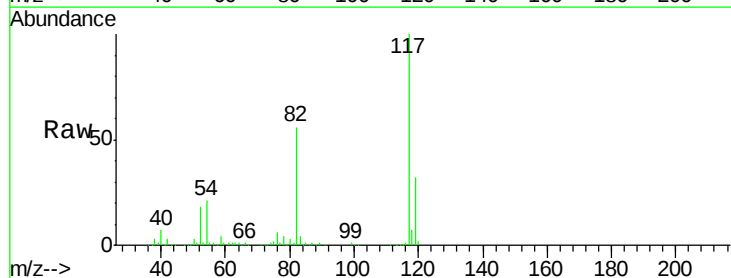
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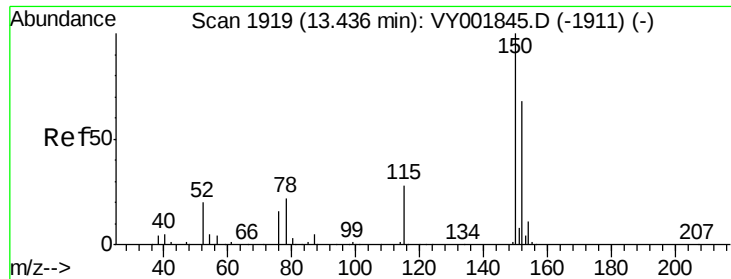
Tgt Ion: 95 Resp: 112300
 Ion Ratio Lower Upper
 95 100
 174 73.0 0.0 145.0
 176 70.2 0.0 137.4



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.50 min Scan# 1602
 Delta R.T. -0.00 min
 Lab File: VY001993.D
 Acq: 17 Mar 2020 13:08

Tgt Ion: 117 Resp: 249794
 Ion Ratio Lower Upper
 117 100
 82 55.7 44.5 66.7
 119 31.7 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VY001993.D

Acq: 17 Mar 2020 13:08

Instrument :

MSVOA_Y

ClientSampleId :

TP-10(8-9)

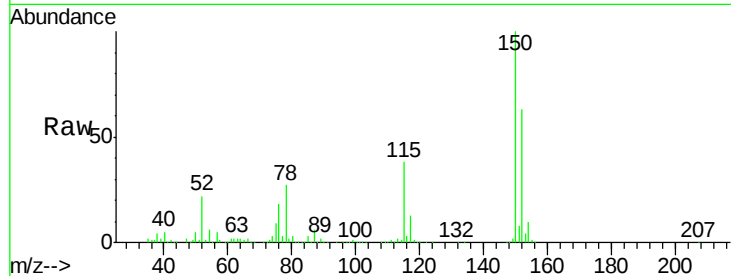
Tgt Ion:152 Resp: 107054

Ion Ratio Lower Upper

152 100

115 61.7 29.9 89.7

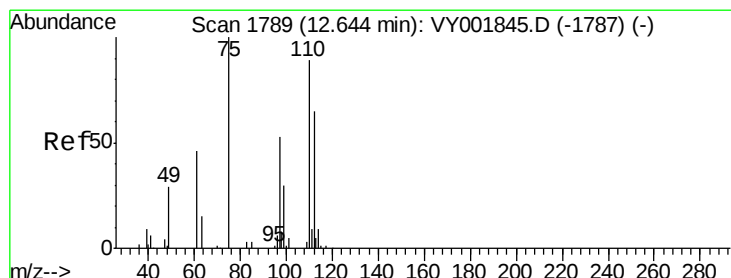
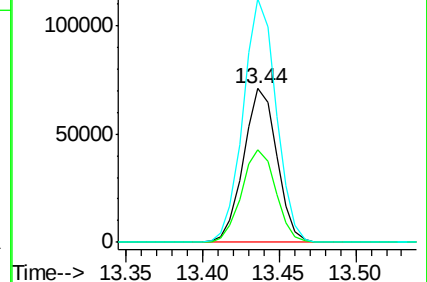
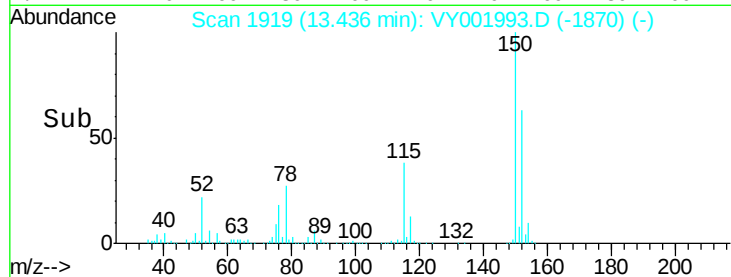
150 157.4 0.0 340.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 44.81 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001993.D

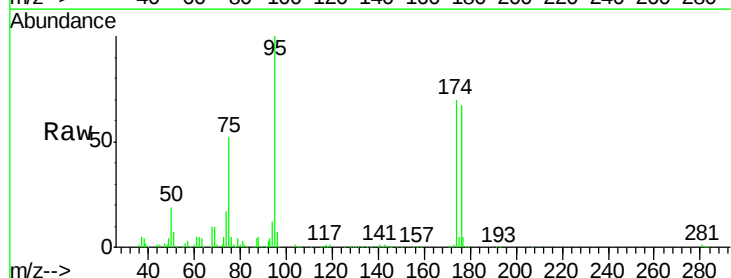
Acq: 17 Mar 2020 13:08

Tgt Ion: 75 Resp: 56925

Ion Ratio Lower Upper

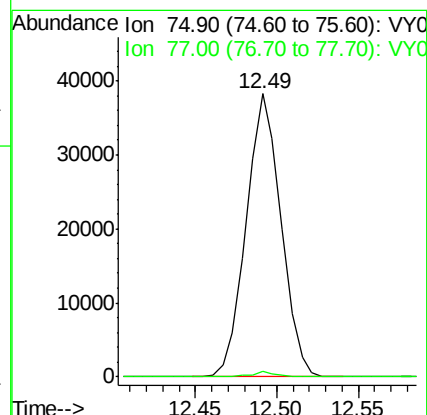
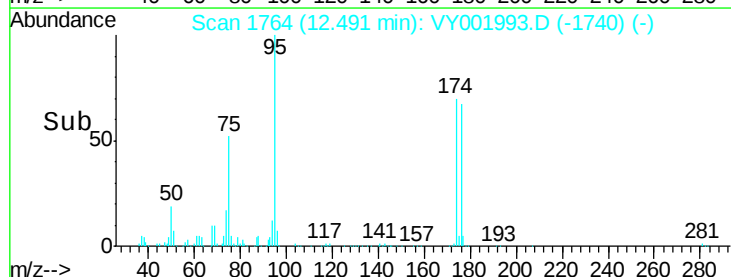
75 100

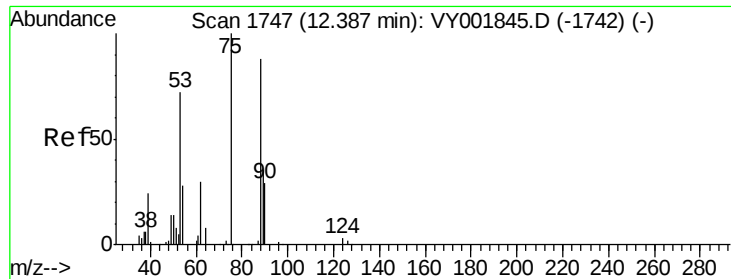
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#81

trans-1,4-Dichloro-2-butene

Concen: 90.52 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001993.D

Acq: 17 Mar 2020 13:08

Instrument :

MSVOA_Y

ClientSampleId :

TP-10(8-9)

Tgt Ion: 75 Resp: 56925

Ion Ratio Lower Upper

75 100

53 0.0 65.4 98.0#

89 0.1 36.0 54.0#

