

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101019\
 Data File : VY000252.D
 Acq On : 10 Oct 2019 14:54
 Operator : SY/MD
 Sample : VY1010WBL02
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 11 05:51:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 02:22:40 2019
 Response via : Initial Calibration

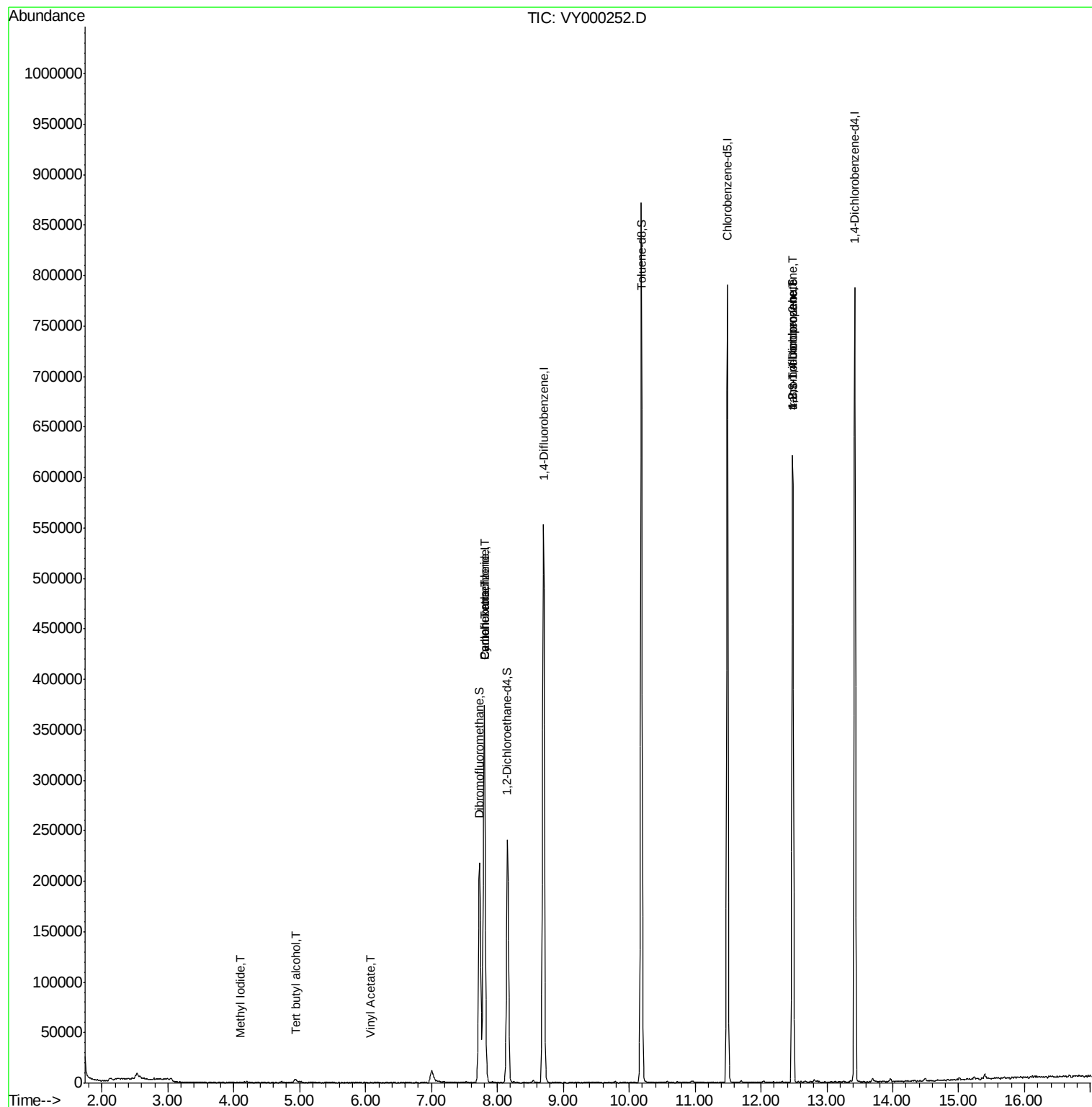
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	288244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	474234	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	417179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	189267	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	188732	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.82%	
35) Dibromofluoromethane	7.73	113	151061	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
50) Toluene-d8	10.19	98	568194	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
62) 4-Bromofluorobenzene	12.48	95	191948	46.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.72%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.10	142	85	0.590	ug/l #	42
11) Tert butyl alcohol	4.94	59	782	0.388	ug/l #	73
23) Vinyl Acetate	6.08	43	397	2.339	ug/l #	72
31) Cyclohexane	7.80	56	6825	1.071	ug/l #	54
38) Carbon Tetrachloride	7.80	117	27830	5.918	ug/l #	16
59) 2-Hexanone	10.84	43	467	Below Cal	#	51
76) 1,2,3-Trichloropropane	12.48	75	98110	19.634	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	98110	38.302	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.31	75	94	Below Cal	#	1

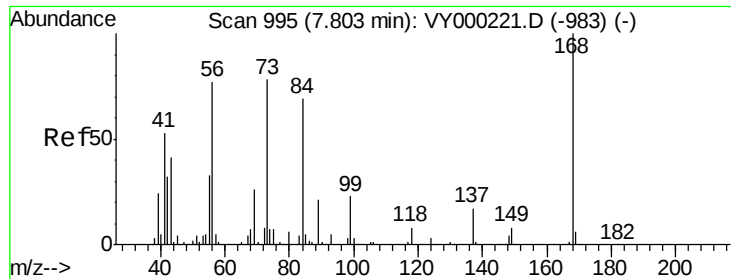
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY101019\
Data File : VY000252.D
Acq On : 10 Oct 2019 14:54
Operator : SY/MD
Sample : VY1010WBL02
Misc : 5.0ml/MSVOA Y/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 11 05:51:39 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 10 02:22:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000252.D

Acq: 10 Oct 2019 14:54

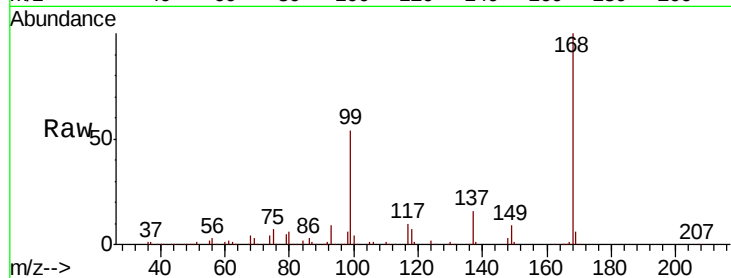
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 288244

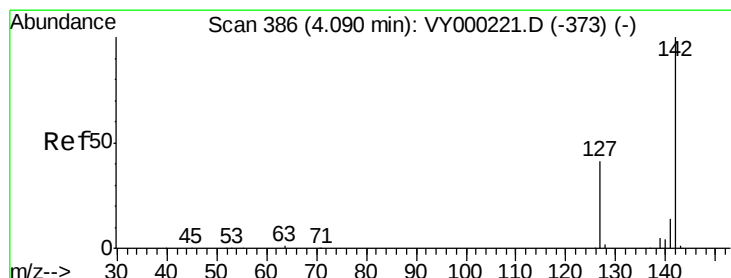
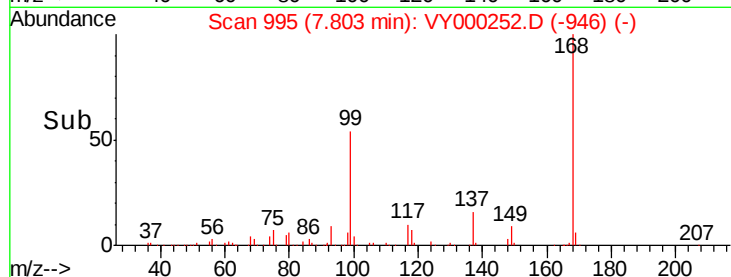
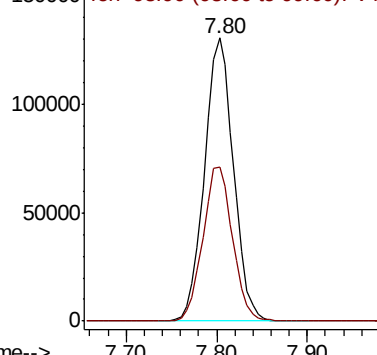
Ion Ratio Lower Upper

168 100

99 54.4 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VY0



#10

Methyl Iodide

Concen: 0.590 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.01 min

Lab File: VY000252.D

Acq: 10 Oct 2019 14:54

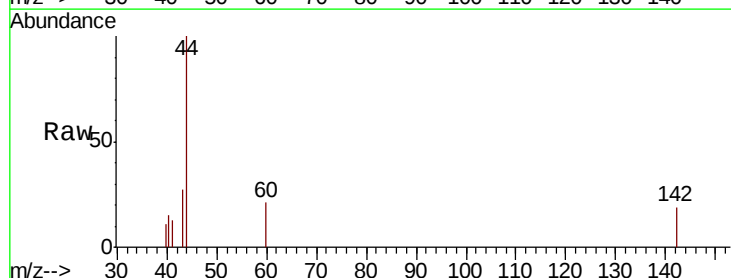
Tgt Ion:142 Resp: 85

Ion Ratio Lower Upper

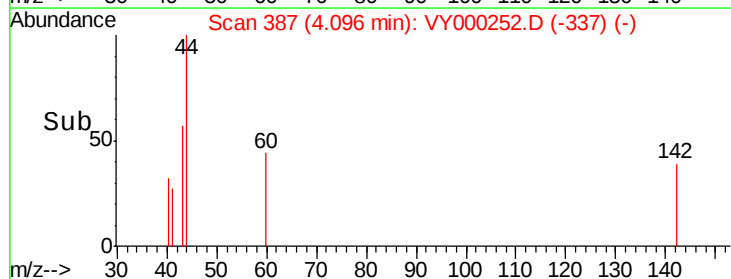
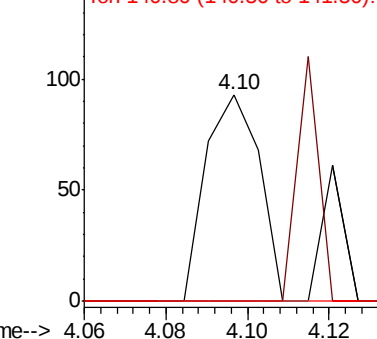
142 100

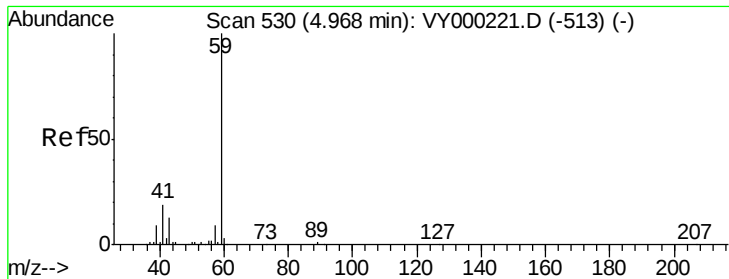
127 0.0 33.0 49.6#

141 0.0 11.0 16.4#



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



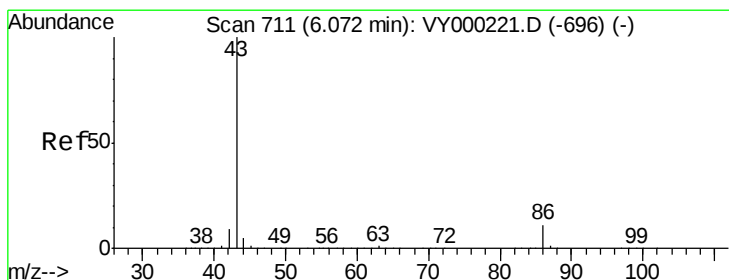
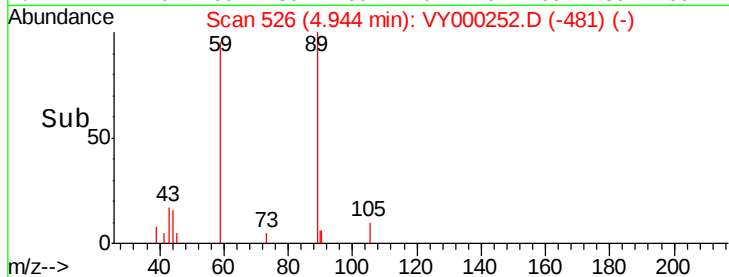
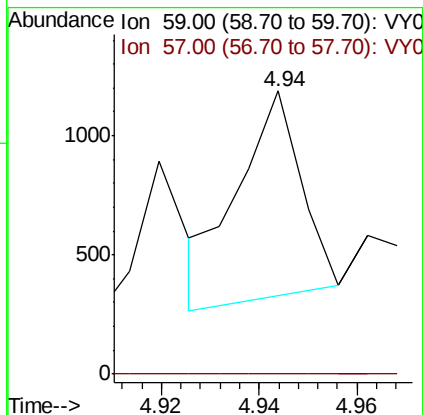
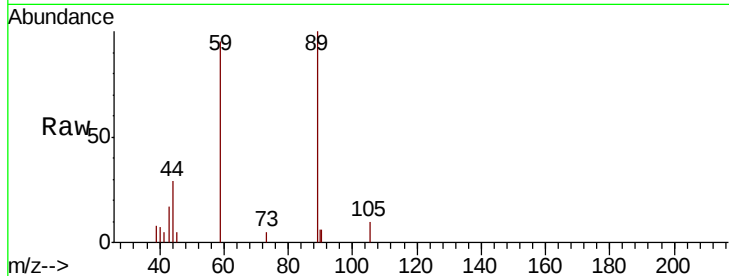


#11

Tert butyl alcohol
 Concen: 0.388 ug/l
 RT: 4.94 min Scan# 526
 Delta R.T. -0.02 min
 Lab File: VY000252.D
 Acq: 10 Oct 2019 14:54

Instrument :
 MSVOA_Y
 ClientSampled :

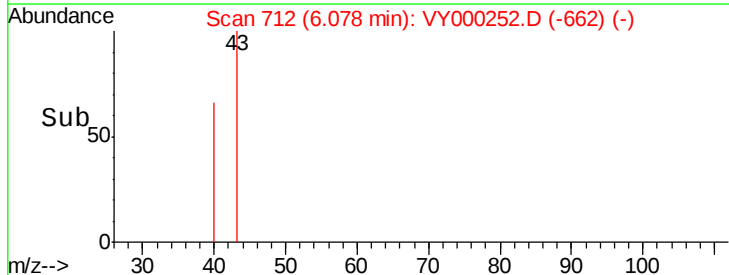
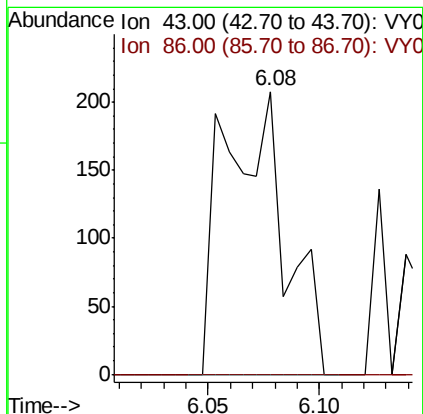
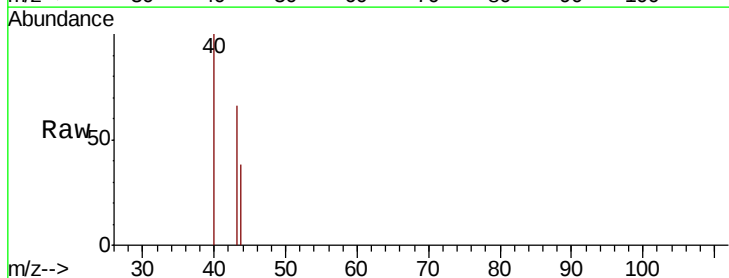
Tot Ion: 59 Resp: 782
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.0 12.0#

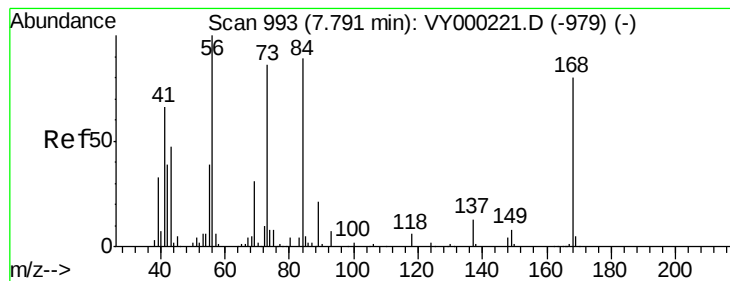


#23

Vinyl Acetate
 Concen: 2.339 ug/l
 RT: 6.08 min Scan# 712
 Delta R.T. 0.01 min
 Lab File: VY000252.D
 Acq: 10 Oct 2019 14:54

Tgt Ion: 43 Resp: 397
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.5 12.7#





#31

Cyclohexane

Concen: 1.071 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

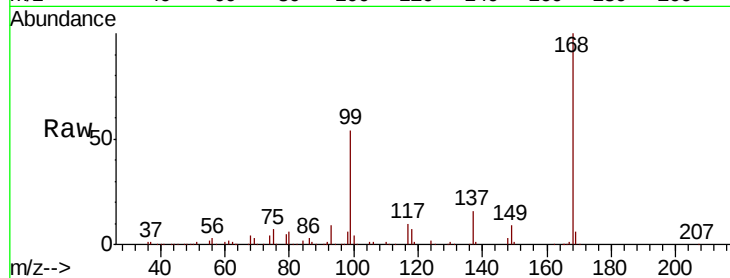
Lab File: VY000252.D

Acq: 10 Oct 2019 14:54

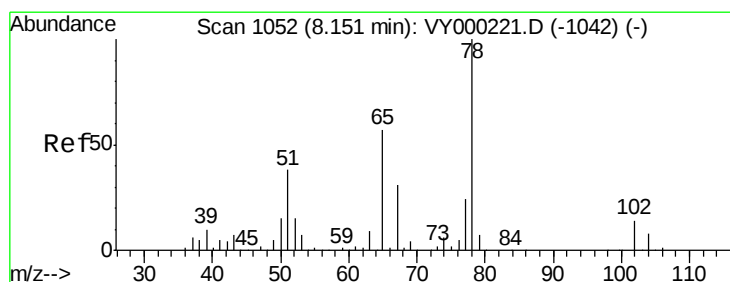
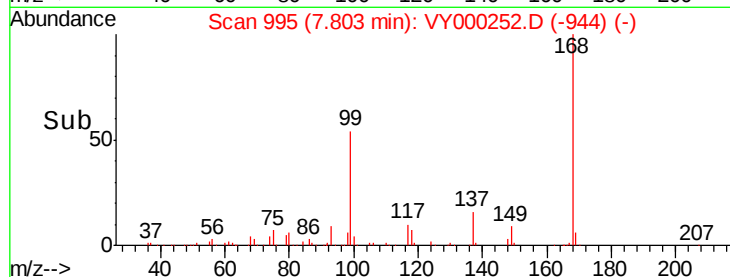
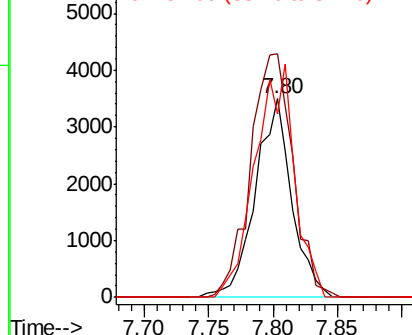
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 6825

Ion	Ratio	Lower	Upper
56	100		
69	122.5	24.7	37.1#
84	92.3	71.3	106.9



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 50.909 ug/l

RT: 8.15 min Scan# 1052

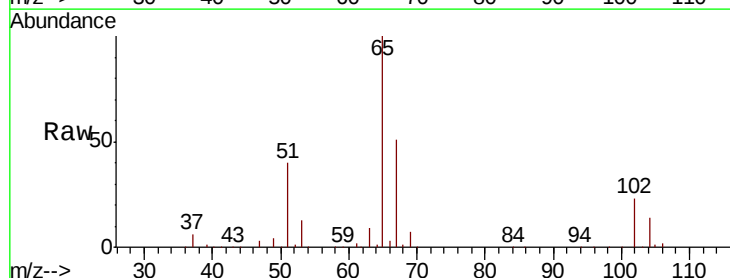
Delta R.T. 0.00 min

Lab File: VY000252.D

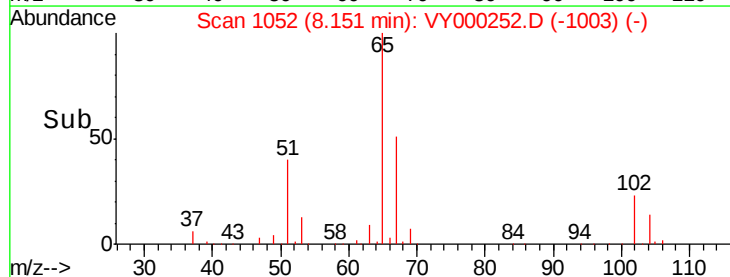
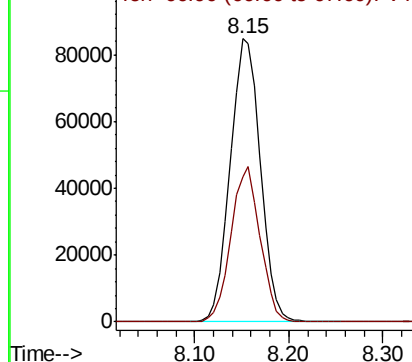
Acq: 10 Oct 2019 14:54

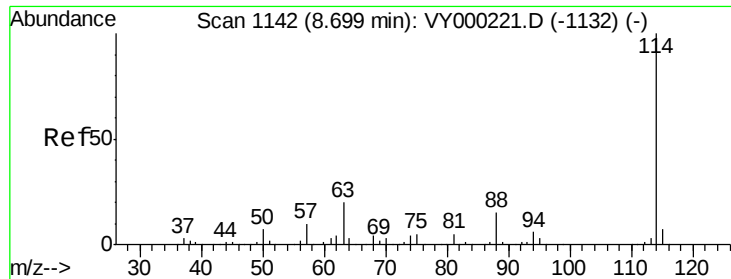
Tgt Ion: 65 Resp: 188732

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	109.0



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

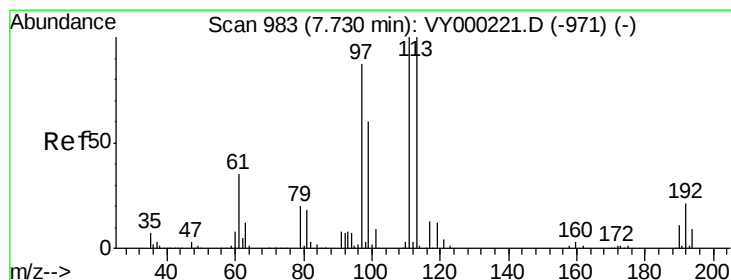
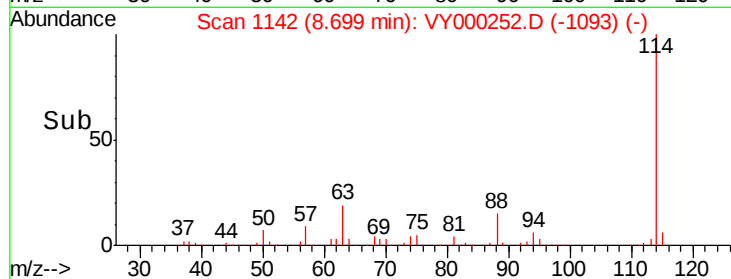
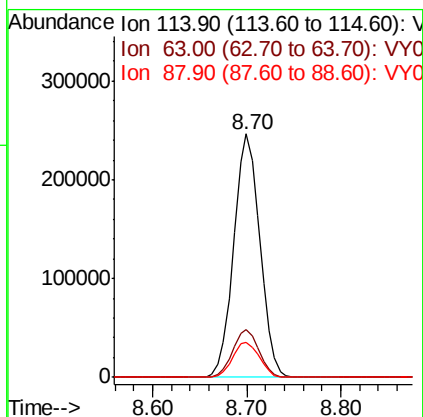
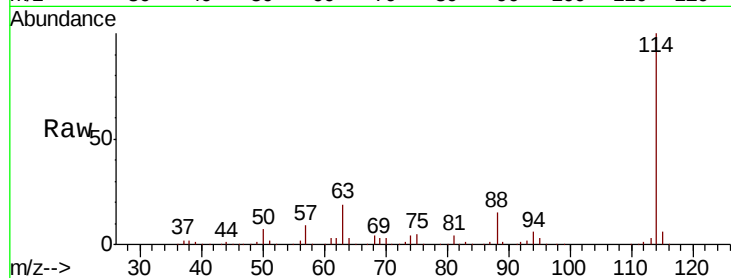




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000252.D
 Acq: 10 Oct 2019 14:54

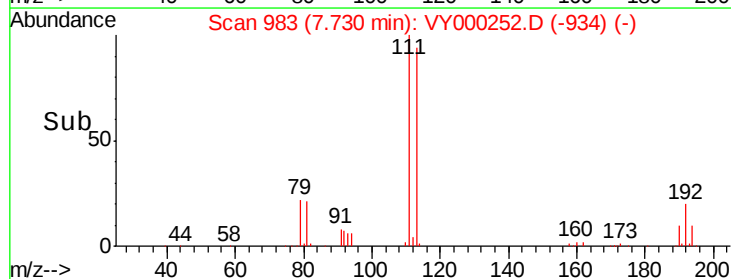
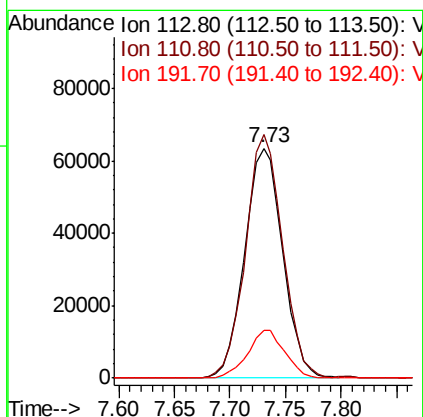
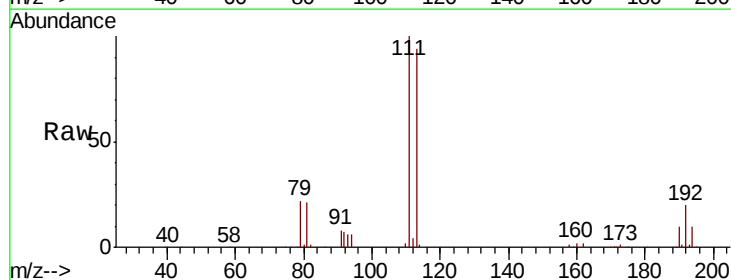
Instrument :
 MSVOA_Y
 ClientSampleId :

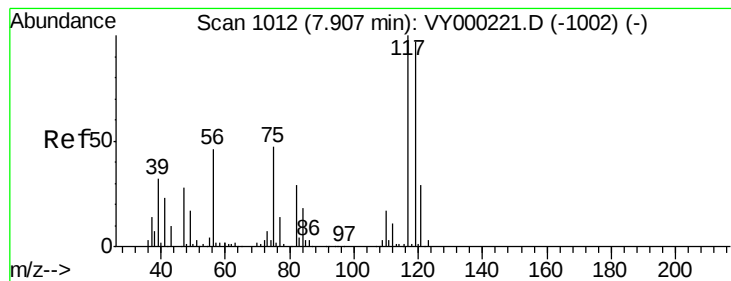
Tot Ion:114 Resp: 474234
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 14.6 0.0 30.6



#35
 Dibromofluoromethane
 Concen: 51.123 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000252.D
 Acq: 10 Oct 2019 14:54

Tgt Ion:113 Resp: 151061
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.6 124.0
 192 20.3 15.8 23.8





#38

Carbon Tetrachloride

Concen: 5.918 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.10 min

Lab File: VY000252.D

Acq: 10 Oct 2019 14:54

Instrument :

MSVOA_Y

ClientSampleId :

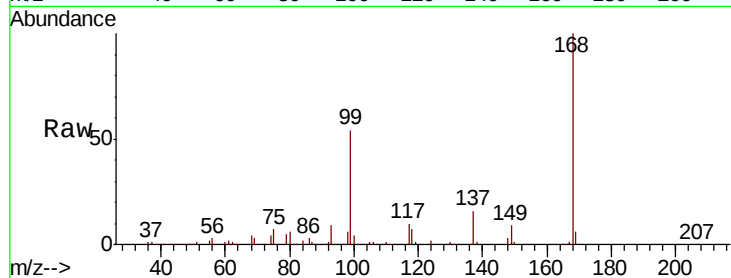
Tot Ion:117 Resp: 27830

Ion Ratio Lower Upper

117 100

119 5.6 77.2 115.8#

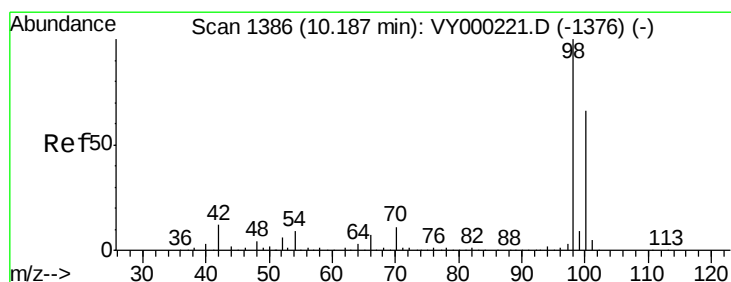
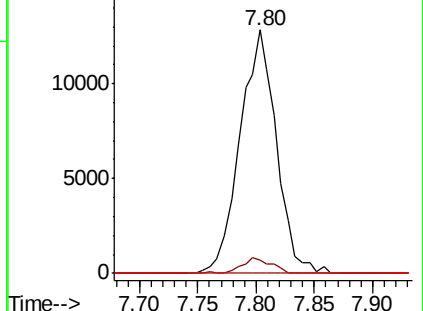
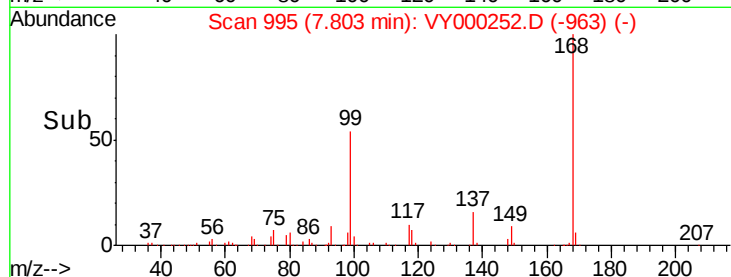
121 0.0 23.1 34.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 48.952 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY000252.D

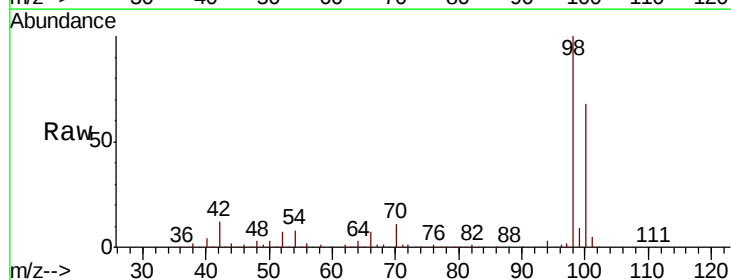
Acq: 10 Oct 2019 14:54

Tgt Ion: 98 Resp: 568194

Ion Ratio Lower Upper

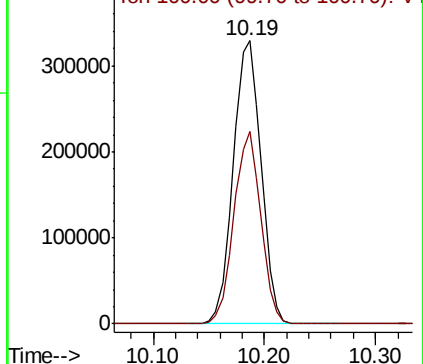
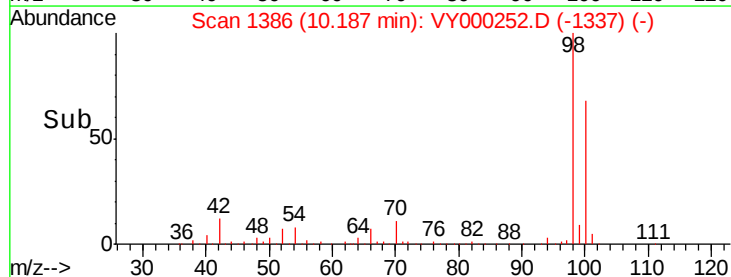
98 100

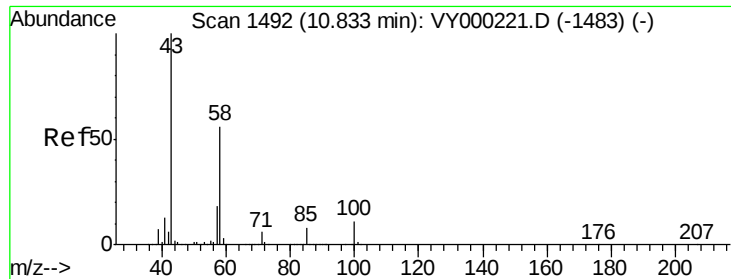
100 65.9 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#59

2-Hexanone

Concen: Below Cal

RT: 10.84 min Scan# 1493

Delta R.T. 0.01 min

Lab File: VY000252.D

Acq: 10 Oct 2019 14:54

Instrument :

MSVOA_Y

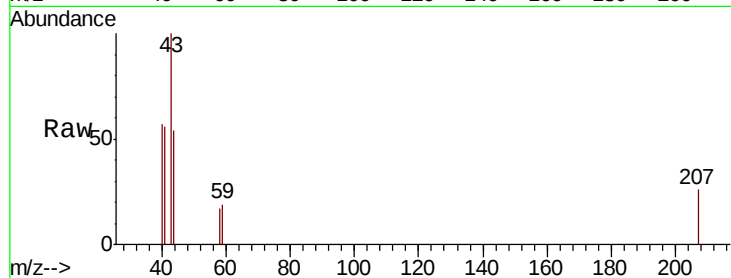
ClientSampleId :

Tot Ion: 43 Resp: 467

Ion Ratio Lower Upper

43 100

58 20.3 28.2 84.6#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.84

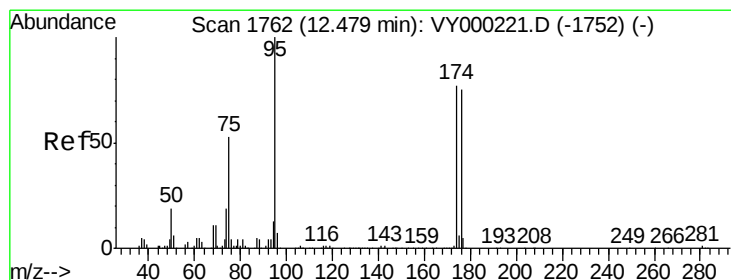
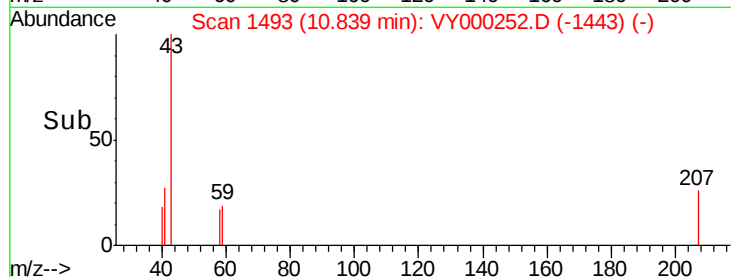
300

200

100

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.856 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000252.D

Acq: 10 Oct 2019 14:54

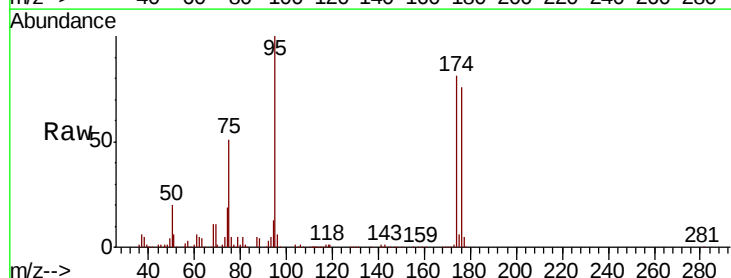
Tgt Ion: 95 Resp: 191948

Ion Ratio Lower Upper

95 100

174 83.5 0.0 157.0

176 79.6 0.0 153.0



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

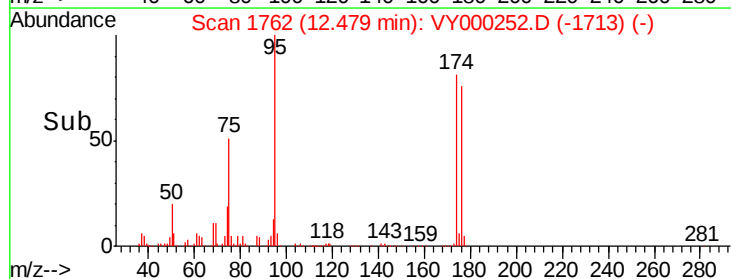
150000

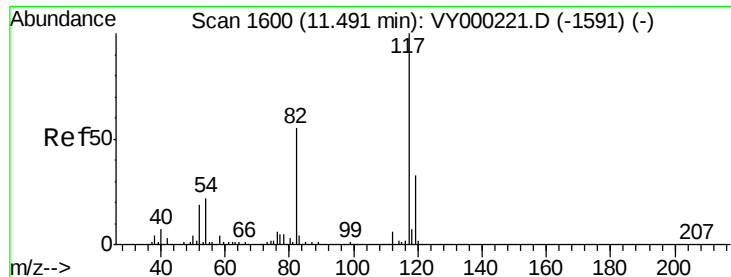
100000

50000

0

Time-->

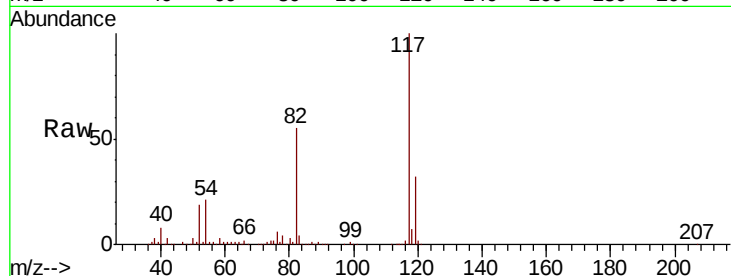




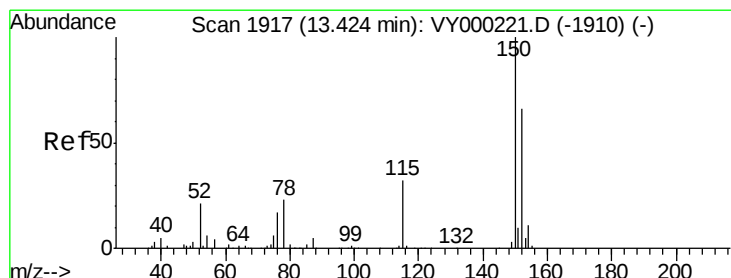
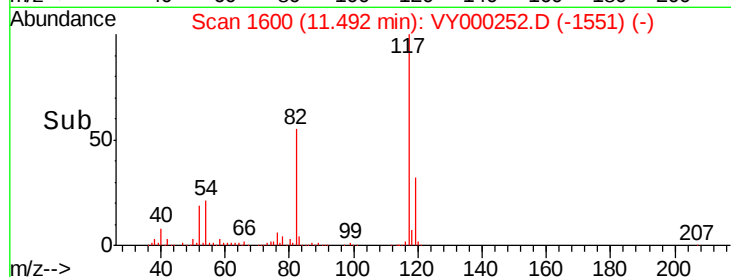
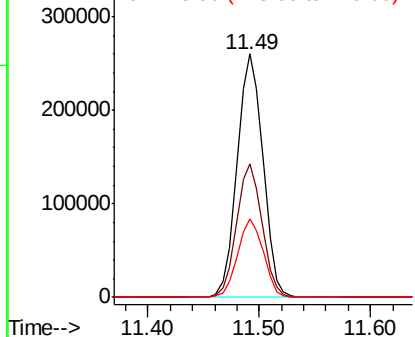
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000252.D
Acq: 10 Oct 2019 14:54

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 417179
Ion Ratio Lower Upper
117 100
82 55.0 44.4 66.6
119 32.4 26.2 39.2

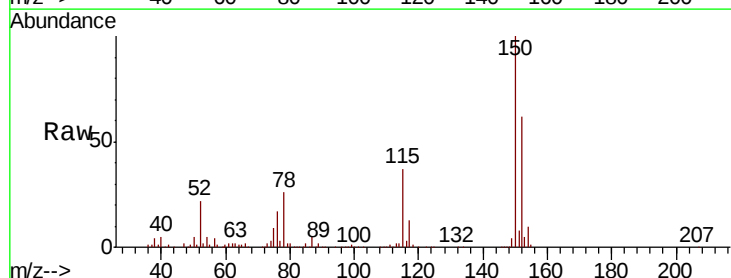


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

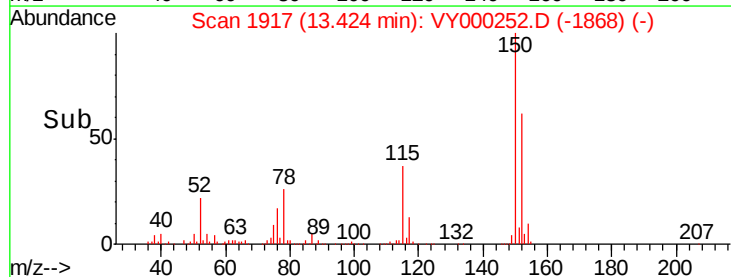
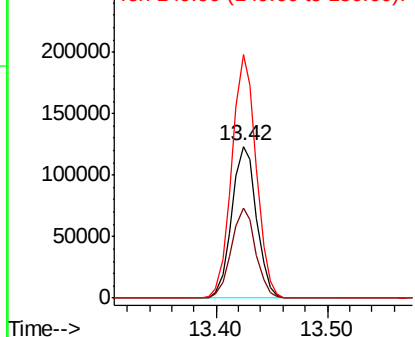


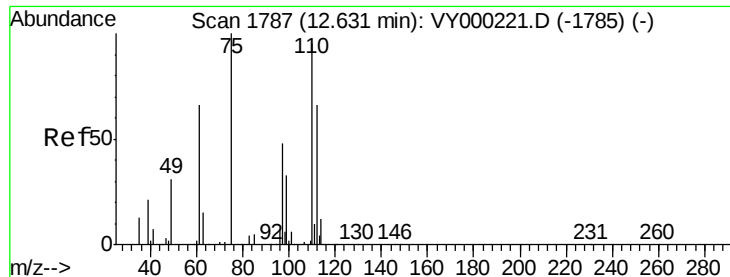
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000252.D
Acq: 10 Oct 2019 14:54

Tgt Ion:152 Resp: 189267
Ion Ratio Lower Upper
152 100
115 58.4 29.3 88.0
150 158.0 0.0 349.6



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: 19.634 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000252.D

Acq: 10 Oct 2019 14:54

Instrument :

MSVOA_Y

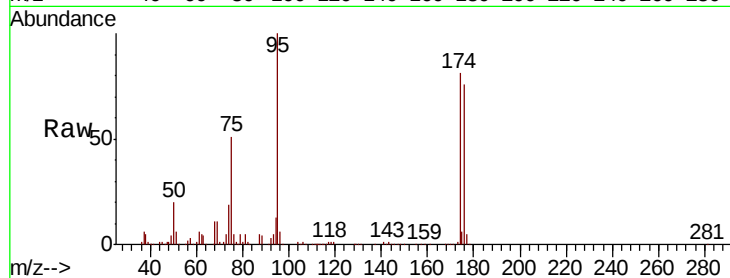
ClientSampleId :

Tot Ion: 75 Resp: 98110

Ion Ratio Lower Upper

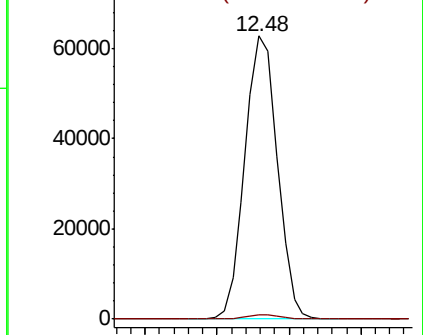
75 100

77 1.4 0.0 0.0#

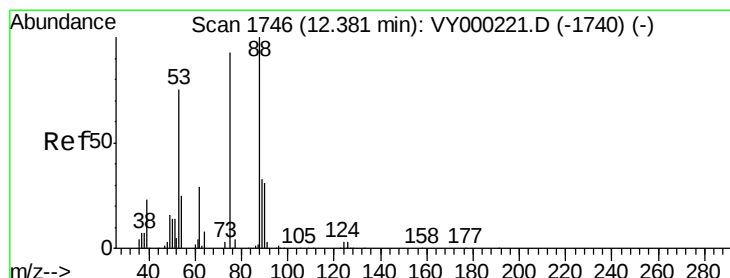
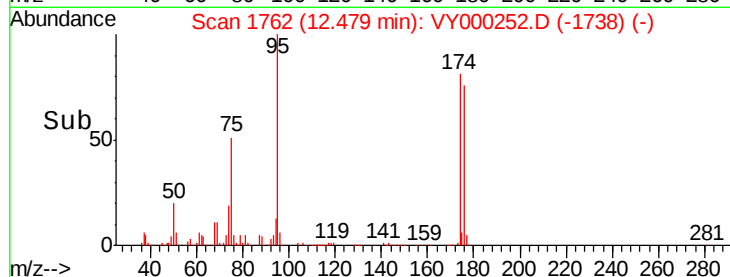


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 38.302 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000252.D

Acq: 10 Oct 2019 14:54

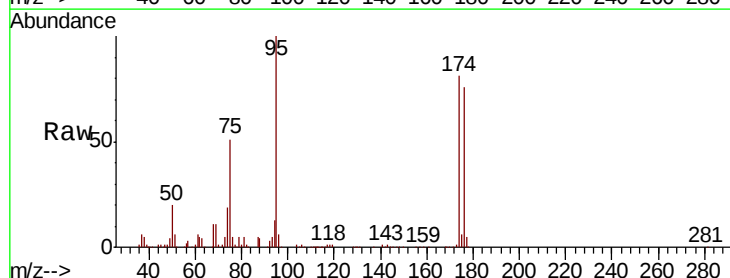
Tgt Ion: 75 Resp: 98110

Ion Ratio Lower Upper

75 100

53 0.0 66.5 99.7#

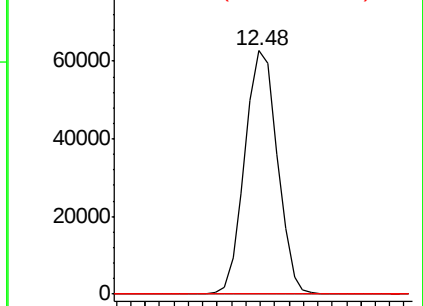
89 0.0 46.9 70.3#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



Time-->

