

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101019\
 Data File : VY000253.D
 Acq On : 10 Oct 2019 15:16
 Operator : SY/MD
 Sample : VY1010WBL03
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

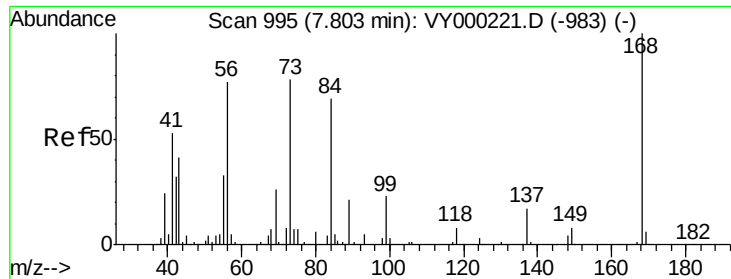
Quant Time: Oct 11 05:51:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 02:22:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	252693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	416298	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	365091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	165050	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	179688	55.29	ug/l	0.00
Spiked Amount			Recovery	=	110.58%	
35) Dibromofluoromethane	7.73	113	141454	54.53	ug/l	0.00
Spiked Amount			Recovery	=	109.06%	
50) Toluene-d8	10.19	98	547966	53.78	ug/l	0.00
Spiked Amount			Recovery	=	107.56%	
62) 4-Bromofluorobenzene	12.48	95	187932	52.26	ug/l	0.00
Spiked Amount			Recovery	=	104.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.10	50	711	0.207	ug/l	97
10) Methyl Iodide	4.10	142	25	0.579	ug/l #	42
11) Tert butyl alcohol	4.93	59	1903	1.078	ug/l #	73
16) Acetone	3.96	43	545	0.212	ug/l	97
23) Vinyl Acetate	6.08	43	45	2.311	ug/l #	72
31) Cyclohexane	7.79	56	5490	0.982	ug/l #	42
36) 1,1-Dichloropropene	7.80	75	18337	4.329	ug/l #	49
38) Carbon Tetrachloride	7.80	117	23680	5.736	ug/l #	18
51) 4-Methyl-2-Pentanone	10.18	43	2305	0.311	ug/l #	1
59) 2-Hexanone	10.84	43	22	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.48	75	96783	22.210	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	96783	43.219	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.33	75	61	Below Cal	#	1

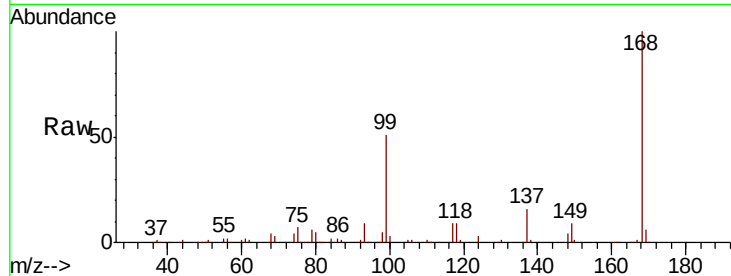
(#) = qualifier out of range (m) = manual integration (+) = signals summed



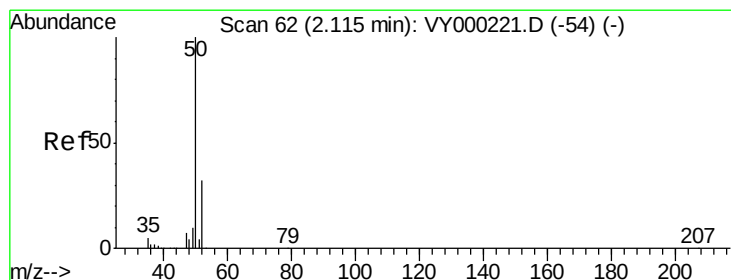
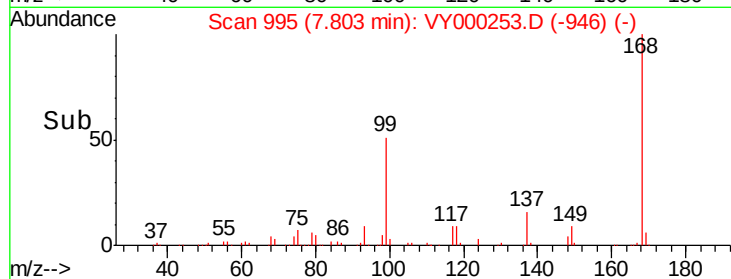
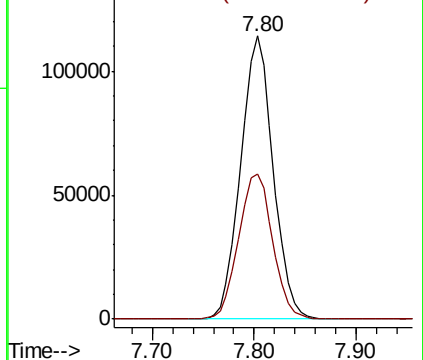
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY000253.D
Acq: 10 Oct 2019 15:16

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 252693
Ion Ratio Lower Upper
168 100
99 51.5 45.0 67.6

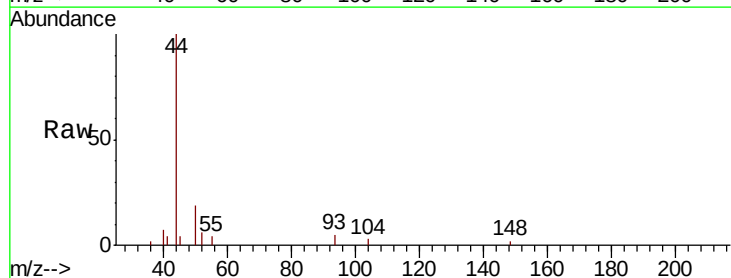


Abundance Ion 167.90 (167.60 to 168.60): VY000221.D (-983) (-)
Ion 98.90 (98.60 to 99.60): VY000221.D (-983) (-)

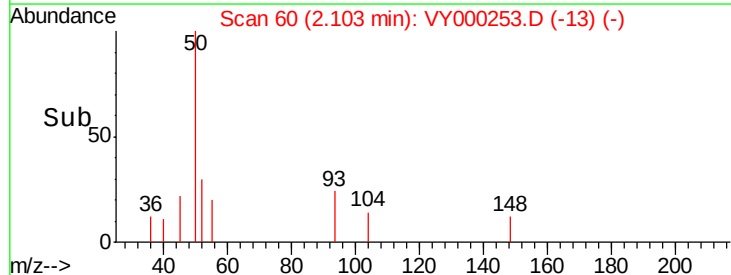
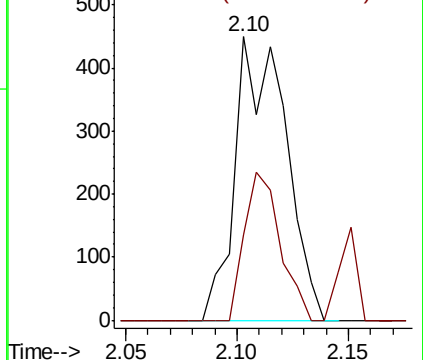


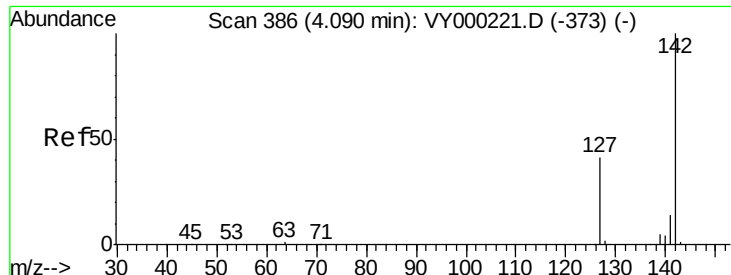
#3
Chloromethane
Concen: 0.207 ug/l
RT: 2.10 min Scan# 60
Delta R.T. -0.01 min
Lab File: VY000253.D
Acq: 10 Oct 2019 15:16

Tgt Ion: 50 Resp: 711
Ion Ratio Lower Upper
50 100
52 30.1 25.4 38.0



Abundance Ion 49.90 (49.60 to 50.60): VY000221.D (-54) (-)
Ion 51.90 (51.60 to 52.60): VY000221.D (-54) (-)

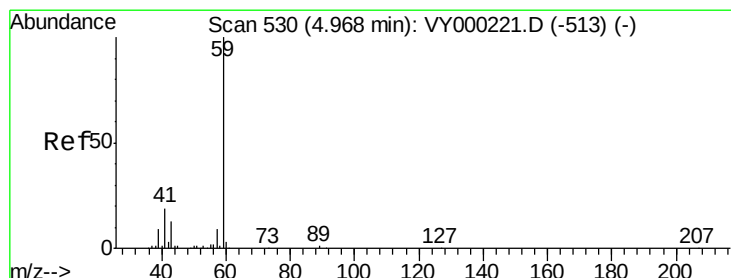
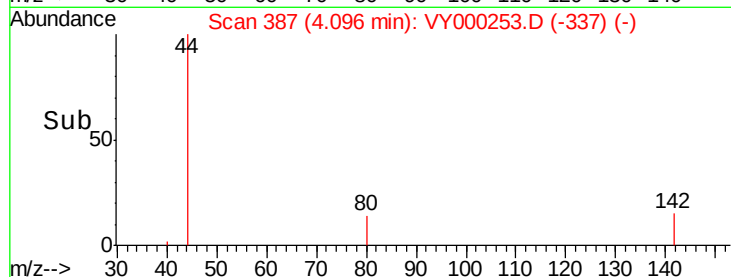
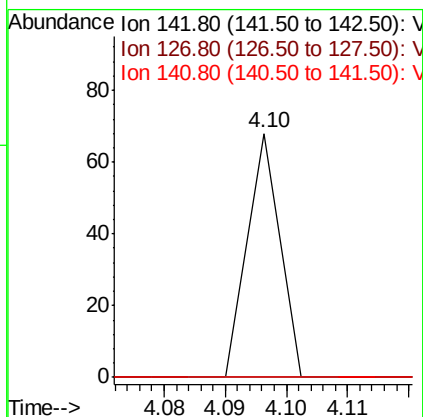
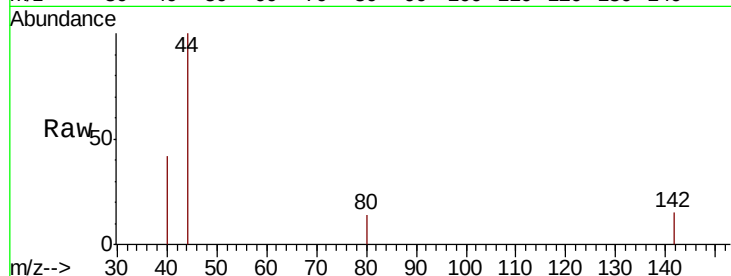




#10
Methvl Iodide
Concen: 0.579 ug/l
RT: 4.10 min Scan# 387
Delta R.T. 0.01 min
Lab File: VY000253.D
Acq: 10 Oct 2019 15:16

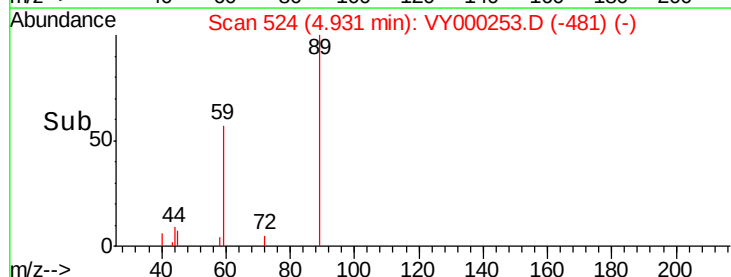
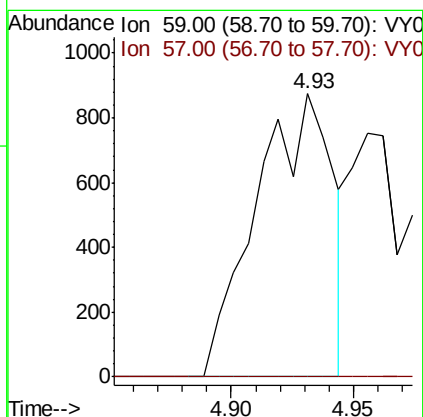
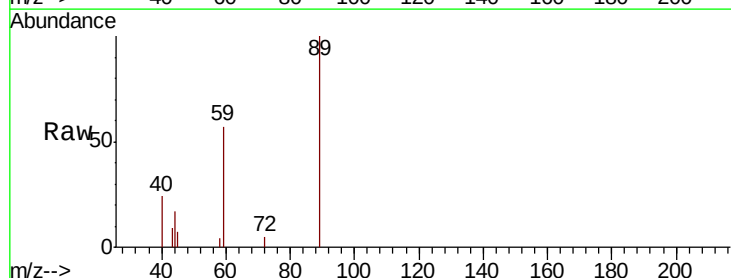
Instrument :
MSVOA_Y
ClientSampleId :

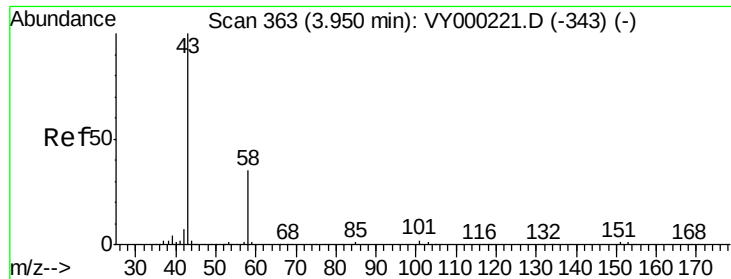
Tot Ion	Ratio	Lower	Upper
142	100		
127	0.0	33.0	49.6#
141	0.0	11.0	16.4#



#11
Tert butyl alcohol
Concen: 1.078 ug/l
RT: 4.93 min Scan# 524
Delta R.T. -0.04 min
Lab File: VY000253.D
Acq: 10 Oct 2019 15:16

Tgt Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.0	12.0#





#16

Acetone

Concen: 0.212 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000253.D

Acq: 10 Oct 2019 15:16

Instrument :

MSVOA_Y

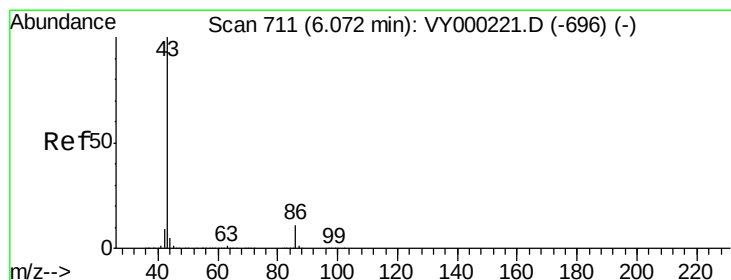
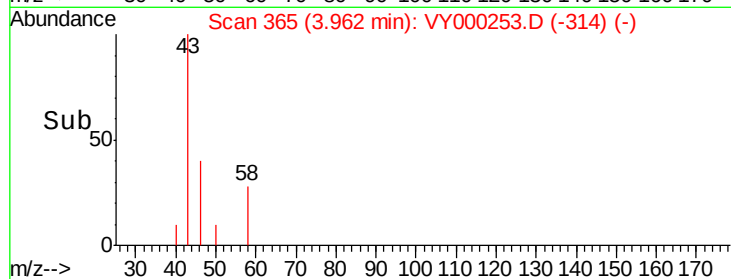
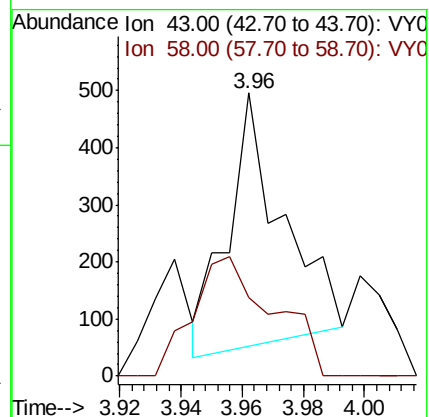
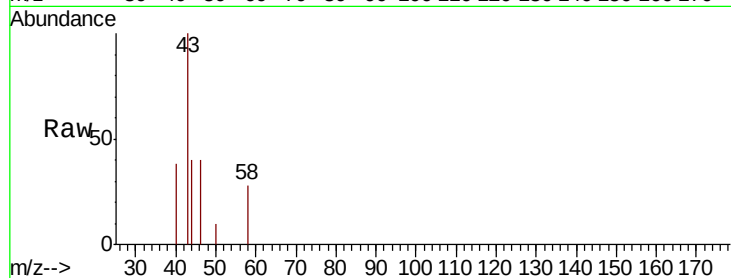
ClientSampleId :

Tot Ion: 43 Resp: 545

Ion Ratio Lower Upper

43 100

58 33.7 28.2 42.4



#23

Vinyl Acetate

Concen: 2.311 ug/l

RT: 6.08 min Scan# 712

Delta R.T. 0.01 min

Lab File: VY000253.D

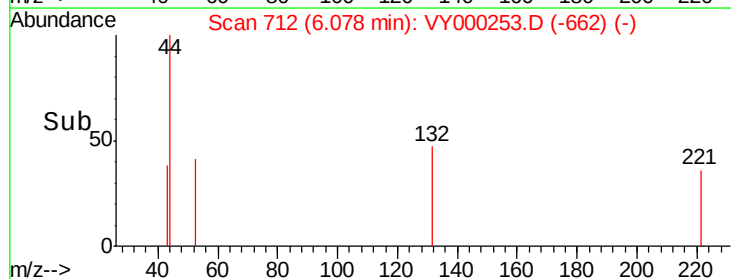
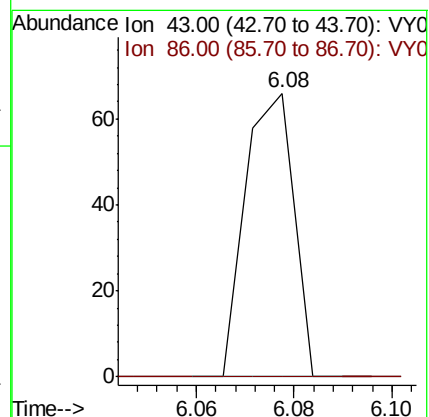
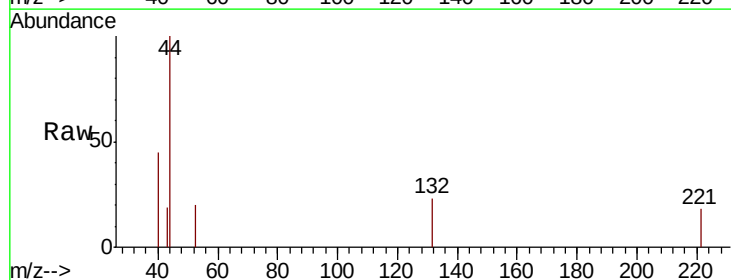
Acq: 10 Oct 2019 15:16

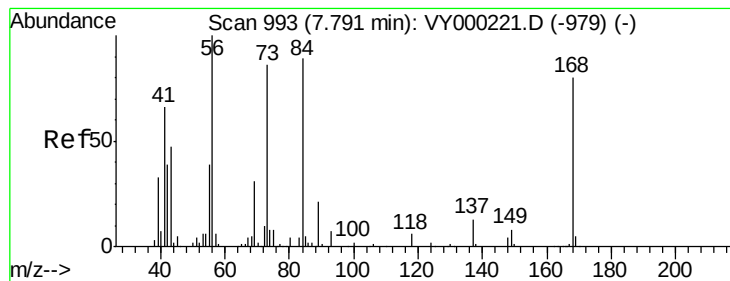
Tgt Ion: 43 Resp: 45

Ion Ratio Lower Upper

43 100

86 0.0 8.5 12.7#





#31

Cyclohexane

Concen: 0.982 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY000253.D

Acq: 10 Oct 2019 15:16

Instrument :
MSVOA_Y
ClientSampled :

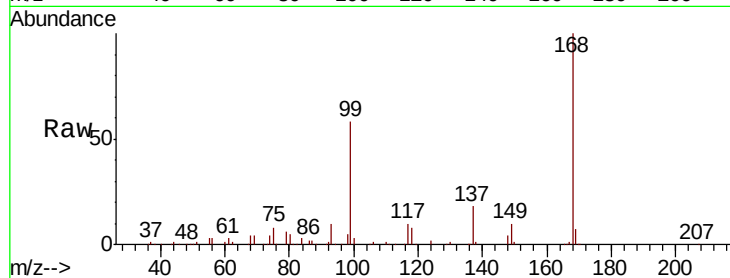
Tot Ion: 56 Resp: 5490

Ion Ratio Lower Upper

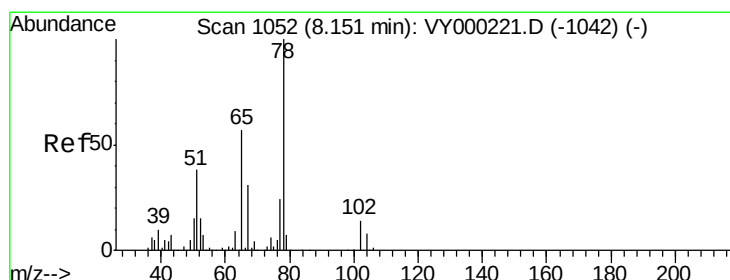
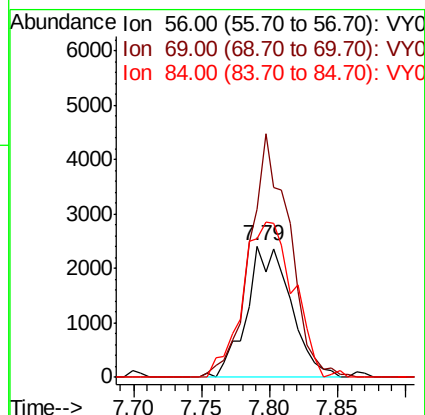
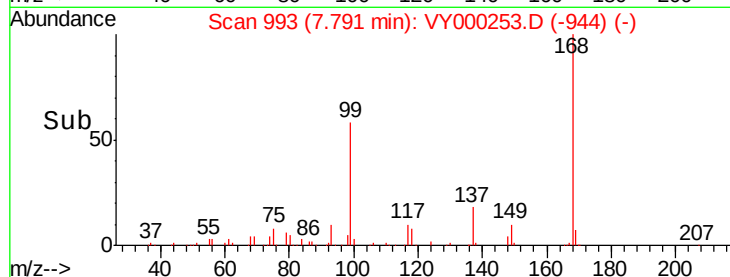
56 100

69 127.7 24.7 37.1#

84 105.3 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: 55.288 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VY000253.D

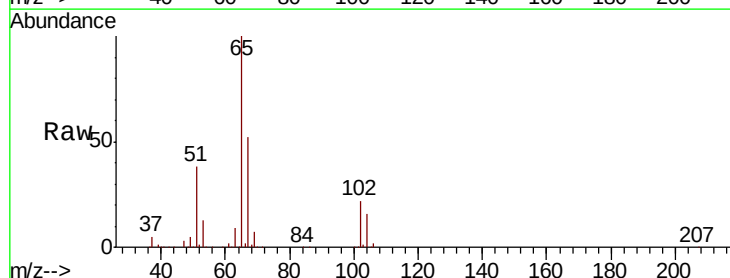
Acq: 10 Oct 2019 15:16

Tgt Ion: 65 Resp: 179688

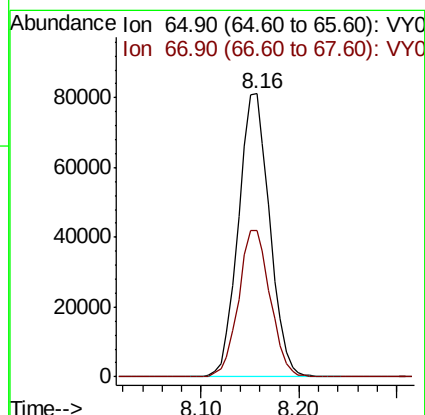
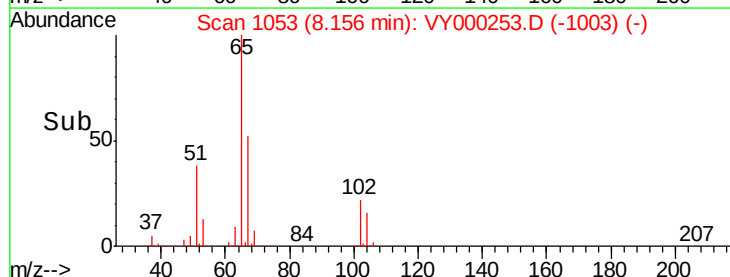
Ion Ratio Lower Upper

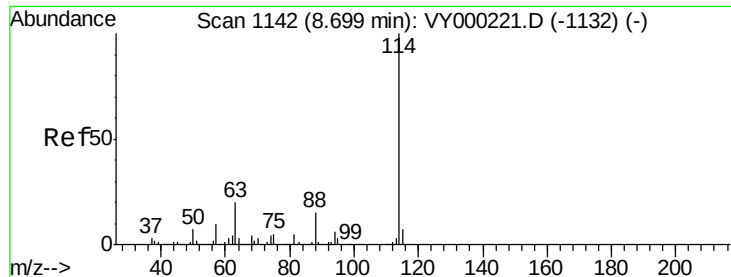
65 100

67 52.2 0.0 109.0



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

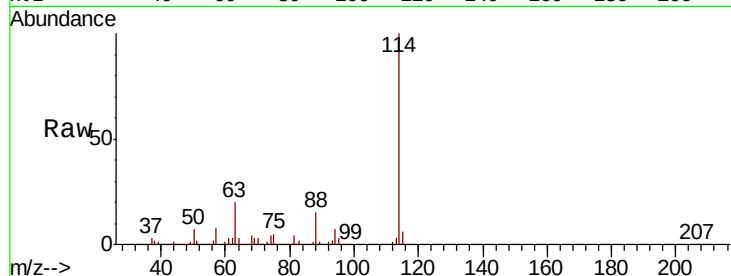




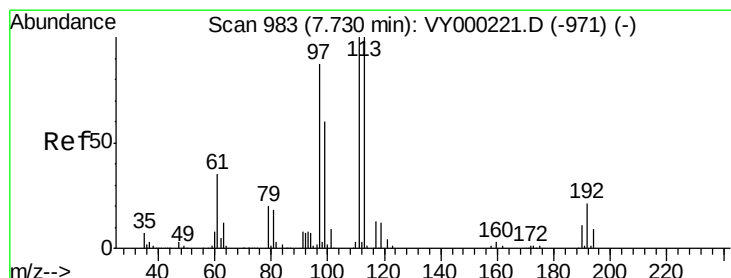
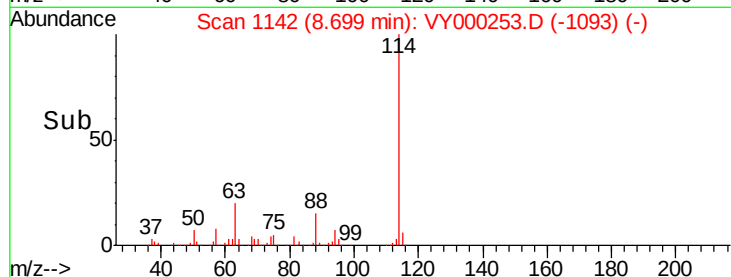
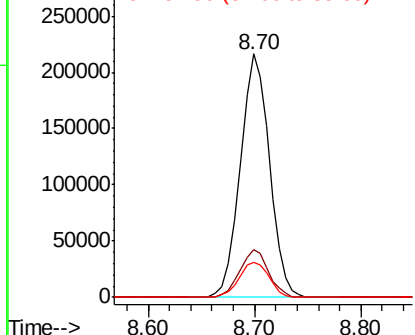
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000253.D
 Acq: 10 Oct 2019 15:16

Instrument :
 MSVOA_Y
 ClientSampled :

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

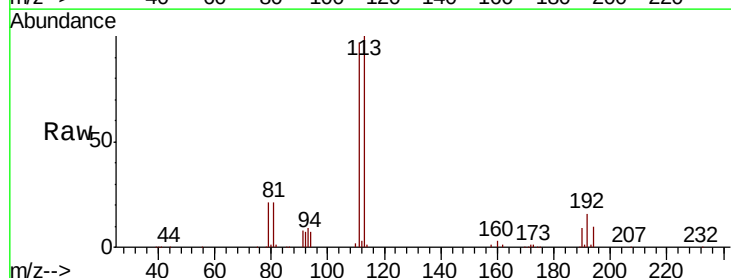


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

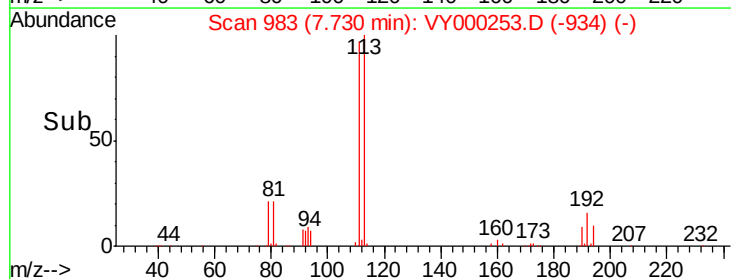
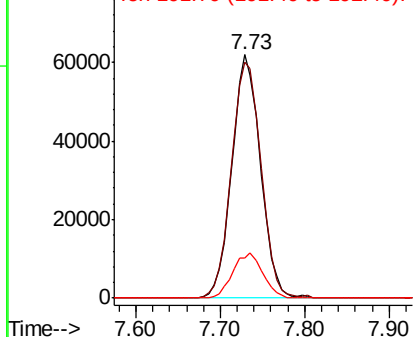


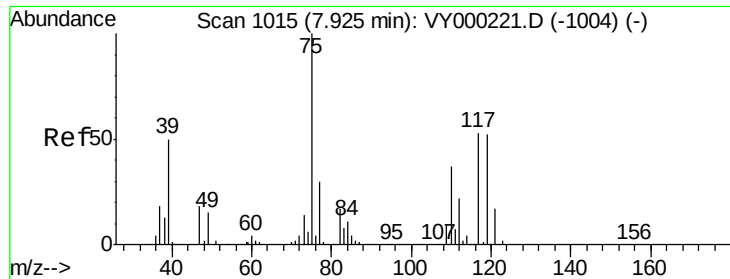
#35
 Dibromofluoromethane
 Concen: 54.534 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000253.D
 Acq: 10 Oct 2019 15:16

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.6	124.0
192	19.4	15.8	23.8



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

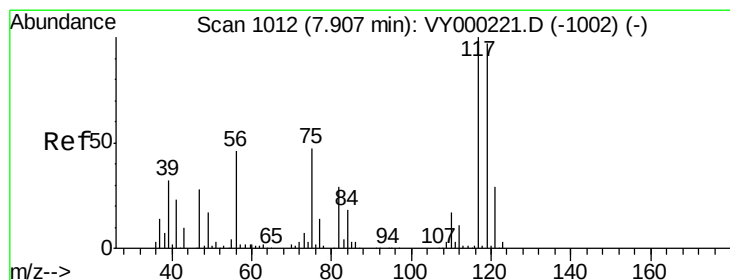
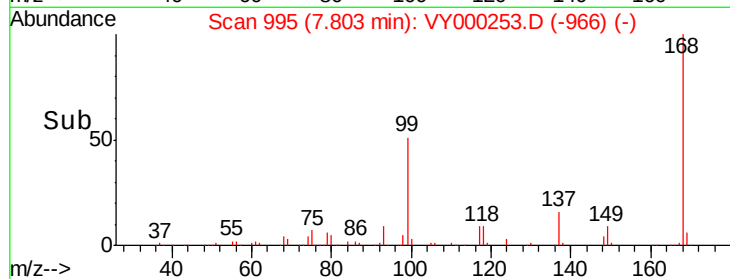
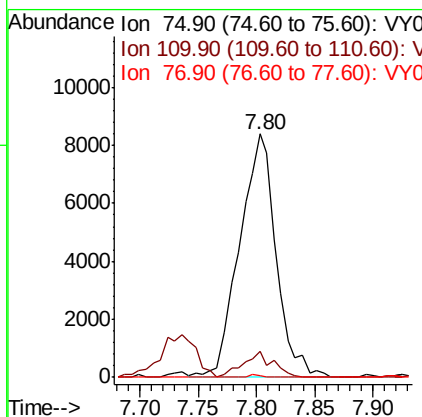
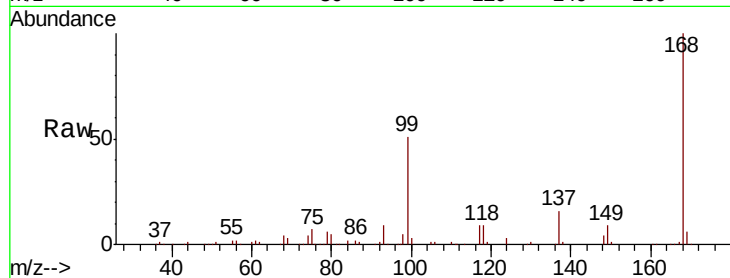




#36
 1,1-Dichloropropene
 Concen: 4.329 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY000253.D
 Acq: 10 Oct 2019 15:16

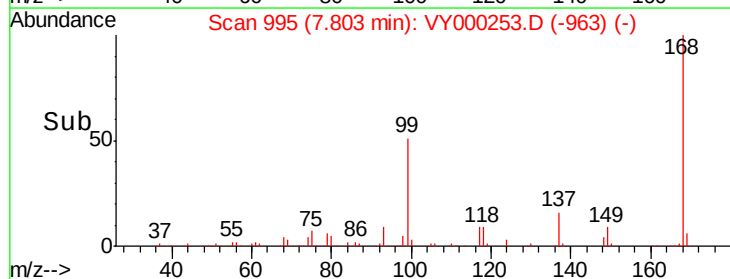
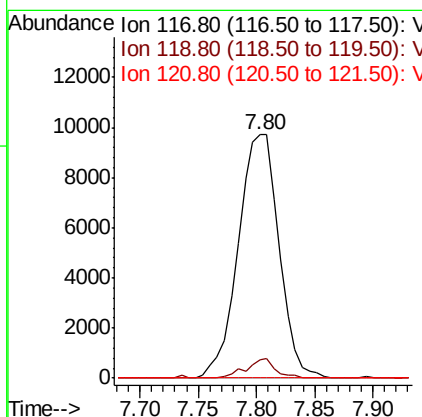
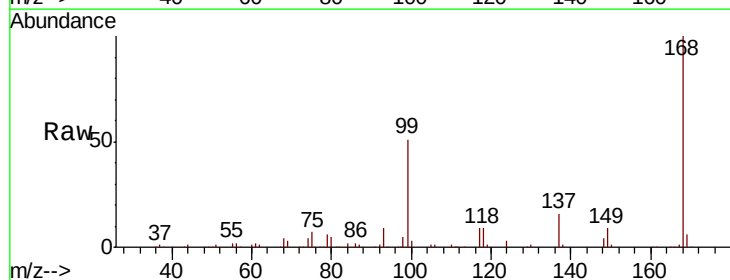
Instrument :
 MSVOA_Y
 ClientSampled :

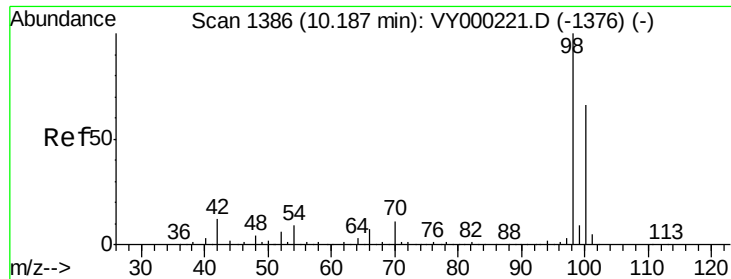
Tot Ion	75	Resp	18337
Ion Ratio	Lower	Upper	
75	100		
110	8.6	18.4	55.2#
77	0.3	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 5.736 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.10 min
 Lab File: VY000253.D
 Acq: 10 Oct 2019 15:16

Tgt Ion	117	Resp	23680
Ion Ratio	Lower	Upper	
117	100		
119	7.6	77.2	115.8#
121	0.0	23.1	34.7#

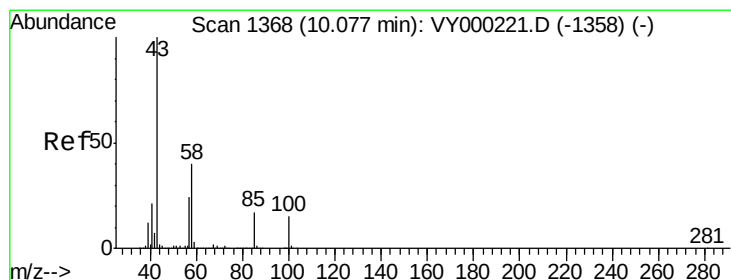
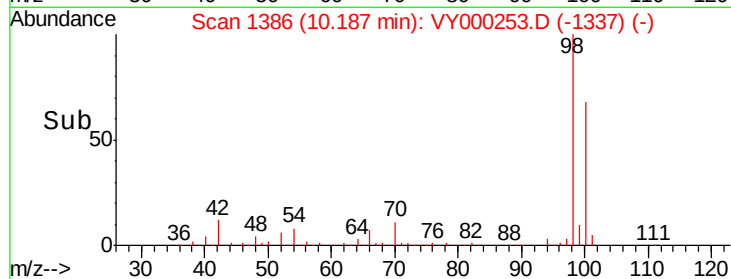
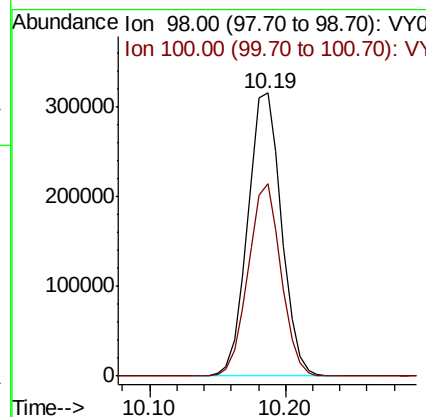
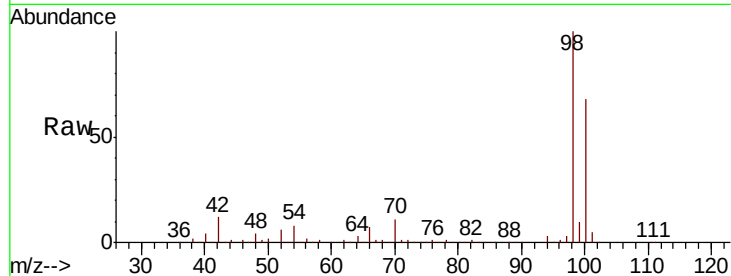




#50
Toluene-d8
Concen: 53.780 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY000253.D
Acq: 10 Oct 2019 15:16

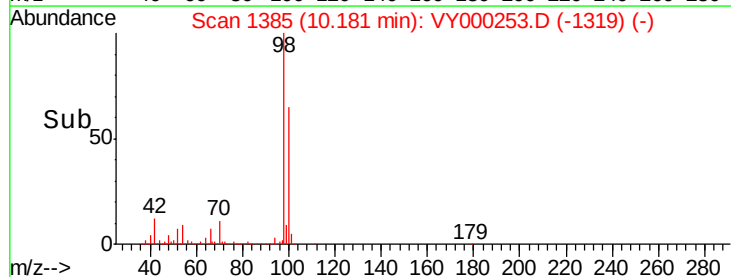
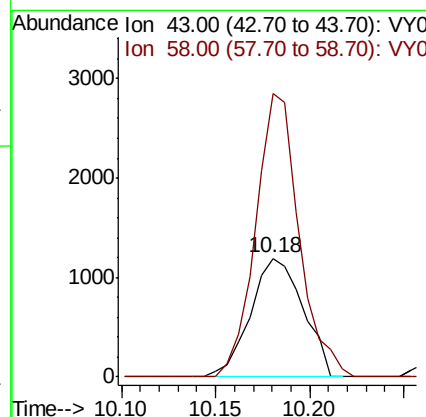
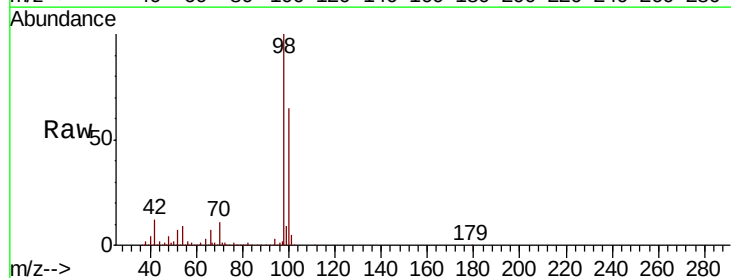
Instrument :
MSVOA_Y
ClientSampled :

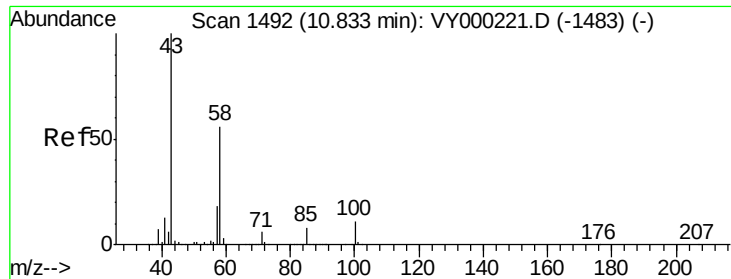
Tot Ion: 98 Resp: 547966
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 0.311 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.10 min
Lab File: VY000253.D
Acq: 10 Oct 2019 15:16

Tgt Ion: 43 Resp: 2305
Ion Ratio Lower Upper
43 100
58 197.4 31.7 47.5#





#59

2-Hexanone

Concen: Below Cal

RT: 10.84 min Scan# 1493

Delta R.T. 0.01 min

Lab File: VY000253.D

Acq: 10 Oct 2019 15:16

Instrument :

MSVOA_Y

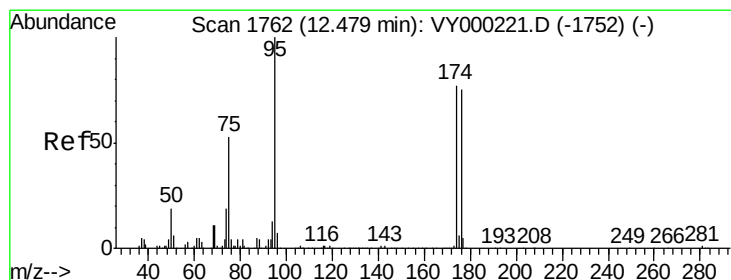
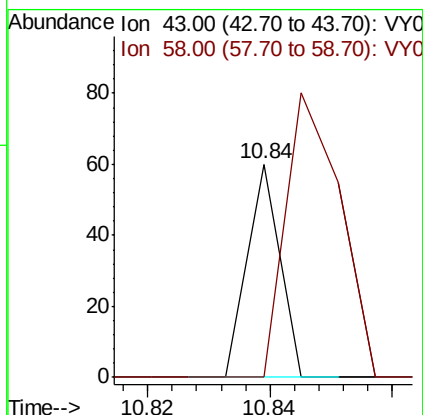
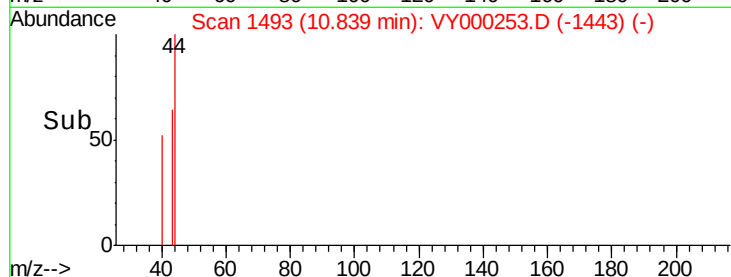
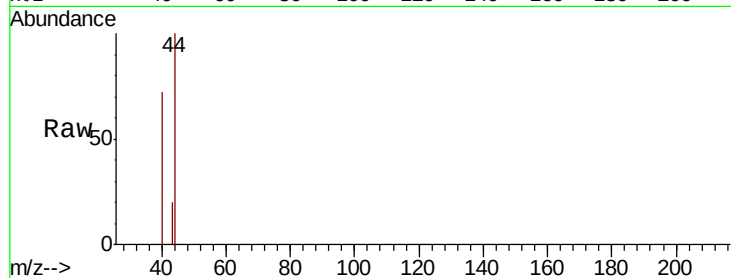
ClientSampleId :

Tot Ion: 43 Resp: 22

Ion Ratio Lower Upper

43 100

58 222.7 28.2 84.6#



#62

4-Bromofluorobenzene

Concen: 52.260 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000253.D

Acq: 10 Oct 2019 15:16

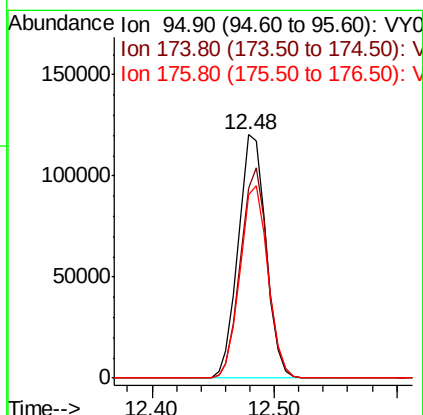
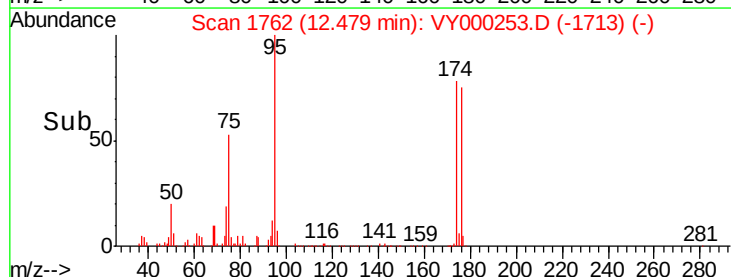
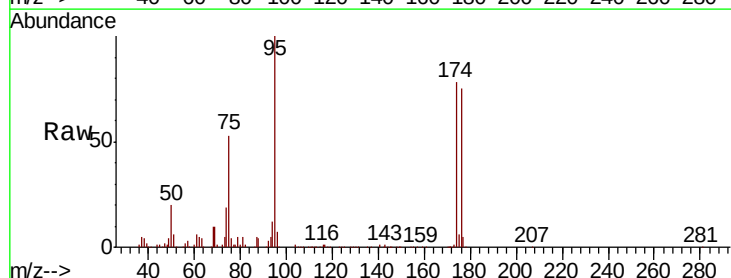
Tgt Ion: 95 Resp: 187932

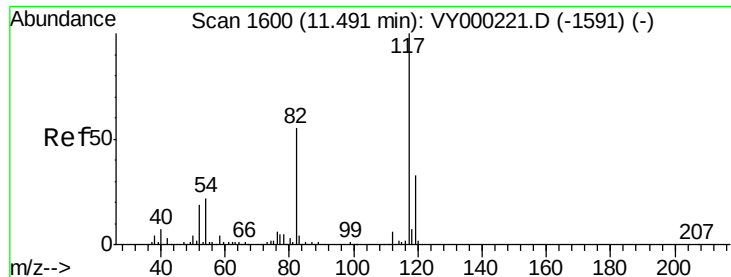
Ion Ratio Lower Upper

95 100

174 84.7 0.0 157.0

176 80.1 0.0 153.0

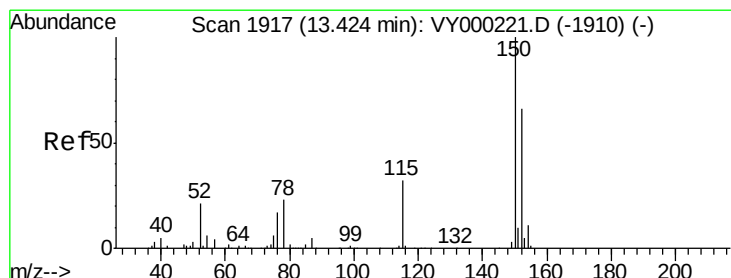
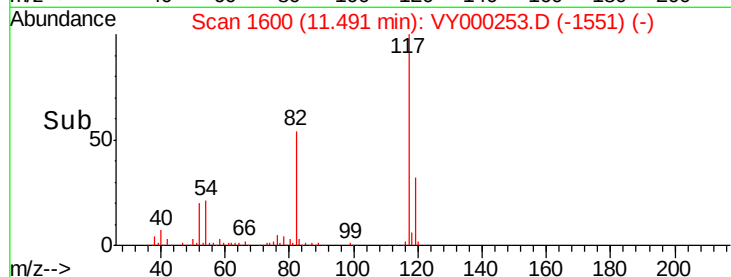
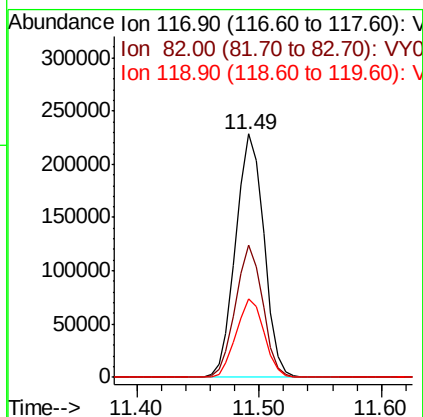
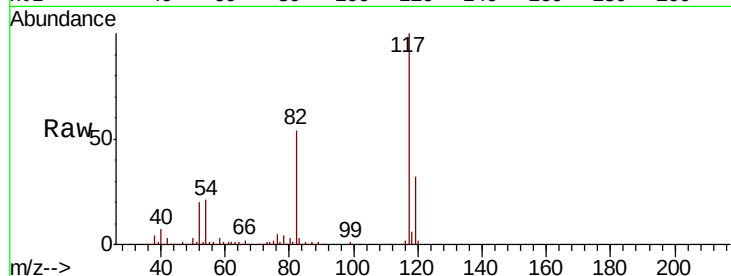




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000253.D
Acq: 10 Oct 2019 15:16

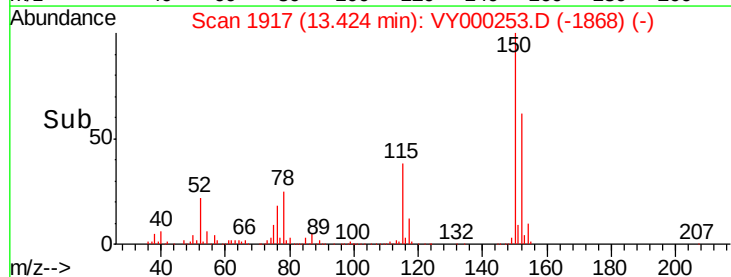
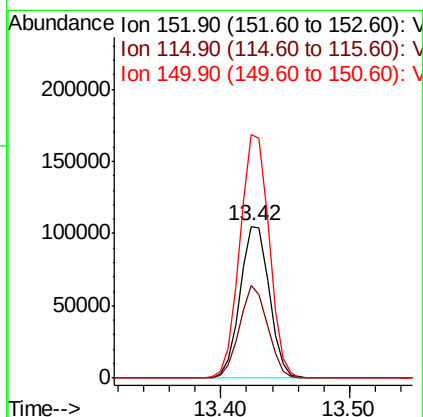
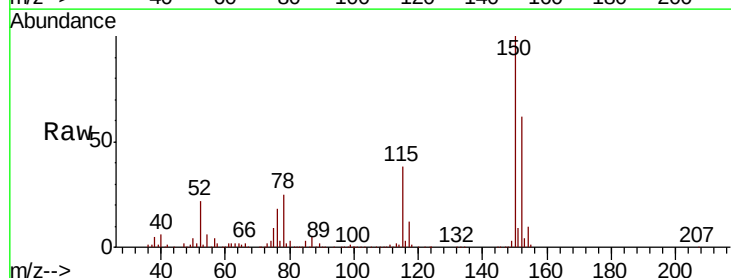
Instrument :
MSVOA_Y
ClientSampleId :

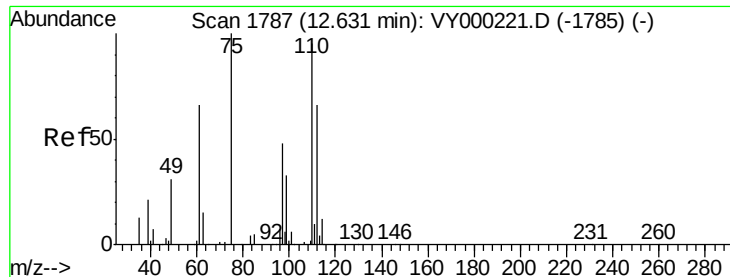
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	44.4	66.6
119	32.3	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000253.D
Acq: 10 Oct 2019 15:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.9	29.3	88.0
150	159.6	0.0	349.6





#76

1,2,3-Trichloropropane

Concen: 22.210 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000253.D

Acq: 10 Oct 2019 15:16

Instrument :

MSVOA_Y

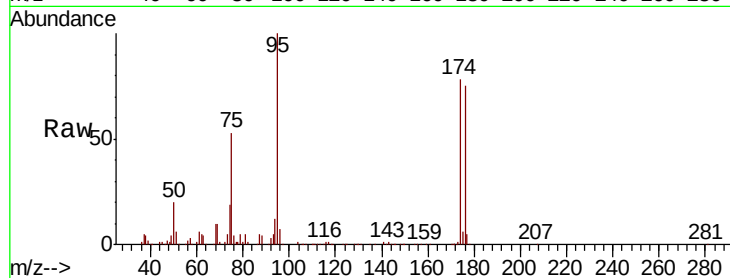
ClientSampleId :

Tot Ion: 75 Resp: 96783

Ion Ratio Lower Upper

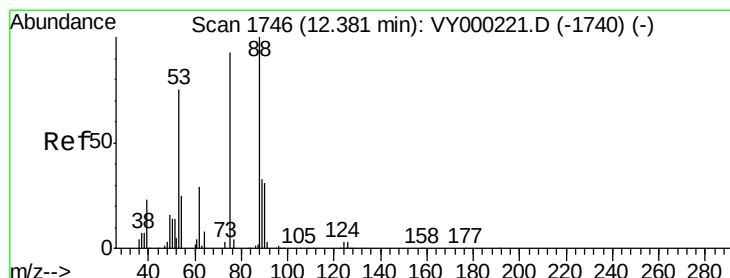
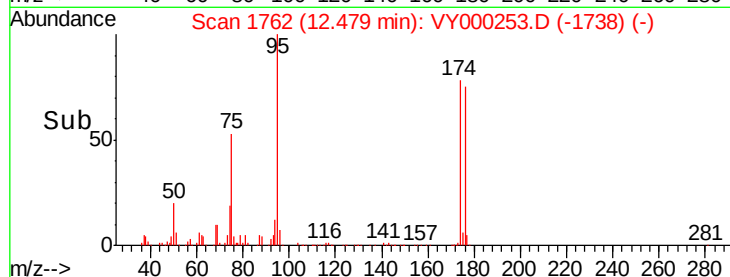
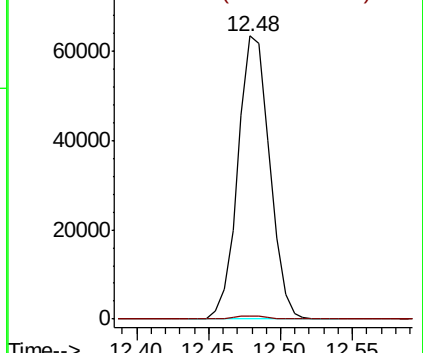
75 100

77 1.3 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: 43.219 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000253.D

Acq: 10 Oct 2019 15:16

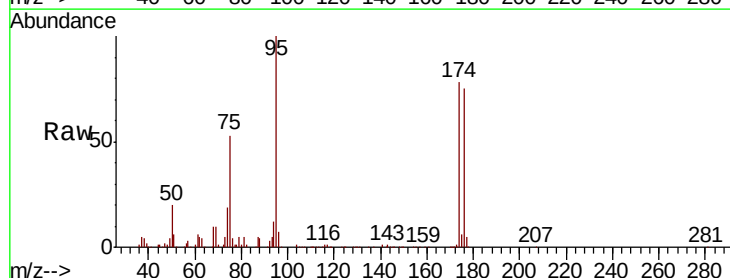
Tgt Ion: 75 Resp: 96783

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

