

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY100919\
 Data File : VY000239.D
 Acq On : 09 Oct 2019 13:05
 Operator : SY/MD
 Sample : VY100WSBL03
 Misc : 5.0ml/MSVOA_Y/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009WBL03

Quant Time: Oct 10 01:43:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 09:24:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	258445	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	417980	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	370055	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	168015	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	156110	46.96	ug/l	0.00
Spiked Amount			Recovery	=	93.92%	
35) Dibromofluoromethane	7.73	113	124058	47.64	ug/l	0.00
Spiked Amount			Recovery	=	95.28%	
50) Toluene-d8	10.19	98	476362	46.56	ug/l	0.00
Spiked Amount			Recovery	=	93.12%	
62) 4-Bromofluorobenzene	12.48	95	160977	44.58	ug/l	0.00
Spiked Amount			Recovery	=	89.16%	

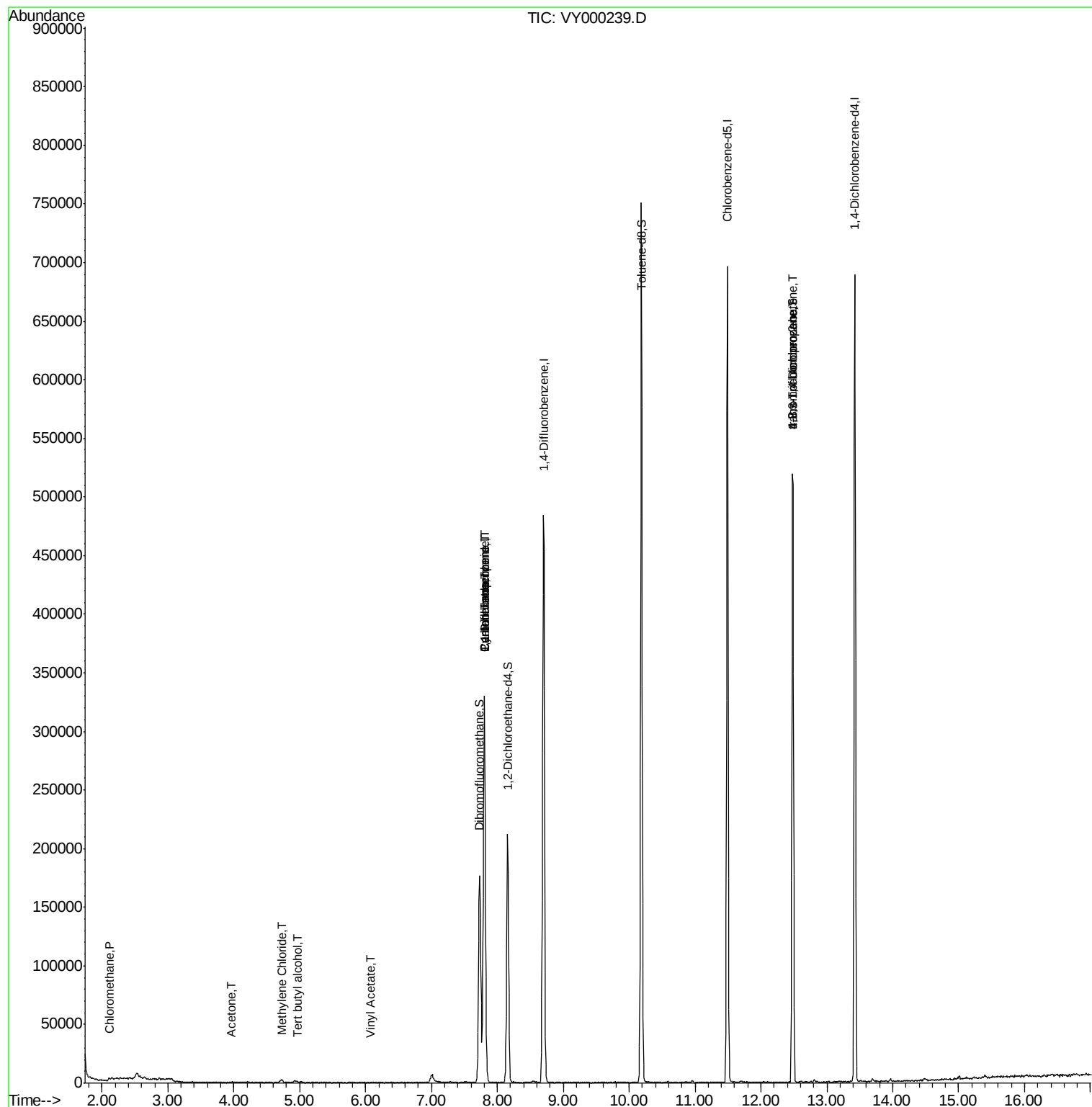
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.12	50	706	0.201	ug/l #	72
11) Tert butyl alcohol	4.97	59	620	0.343	ug/l #	83
16) Acetone	3.96	43	758	0.288	ug/l #	71
20) Methylene Chloride	4.73	84	1794	0.519	ug/l	89
23) Vinyl Acetate	6.07	43	207	2.325	ug/l #	72
31) Cyclohexane	7.80	56	5509	0.964	ug/l #	12
36) 1,1-Dichloropropene	7.80	75	19269	4.531	ug/l #	50
38) Carbon Tetrachloride	7.80	117	24282	5.858	ug/l #	15
59) 2-Hexanone	10.84	43	257	Below Cal	#	54
76) 1,2,3-Trichloropropane	12.48	75	82801	18.666	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	82801	36.454	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.50	75	22	Below Cal	#	1

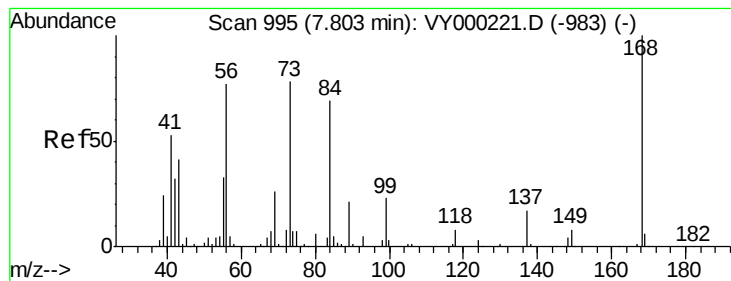
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY100919\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000239.D

Acq: 09 Oct 2019 13:05

Instrument :

MSVOA_Y

ClientSampled :

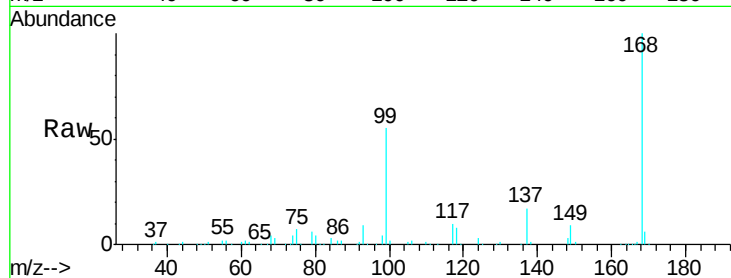
VY1009WBL03

Tgt Ion:168 Resp: 258445

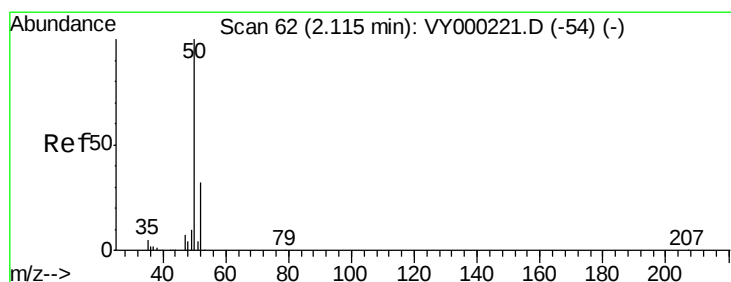
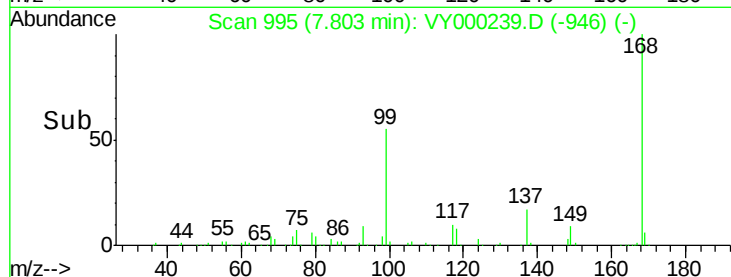
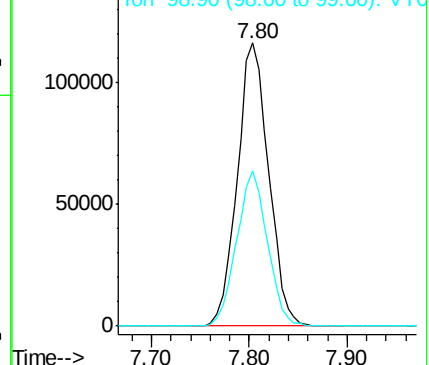
Ion Ratio Lower Upper

168 100

99 54.7 45.0 67.6



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



#3

Chloromethane

Concen: 0.201 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000239.D

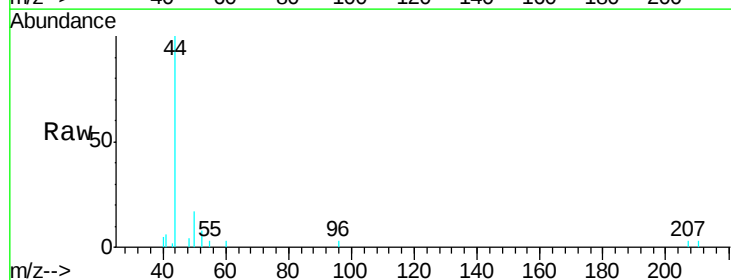
Acq: 09 Oct 2019 13:05

Tgt Ion: 50 Resp: 706

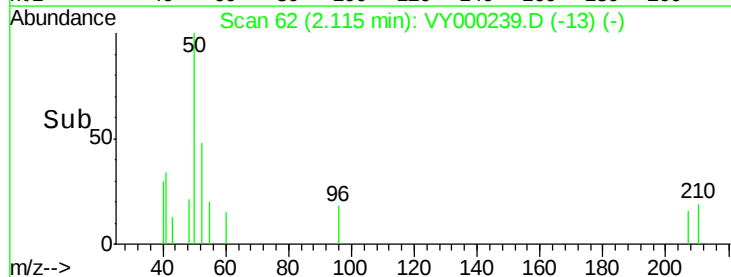
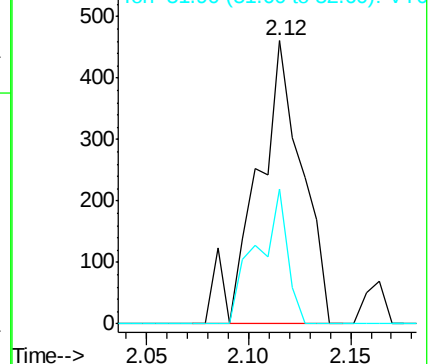
Ion Ratio Lower Upper

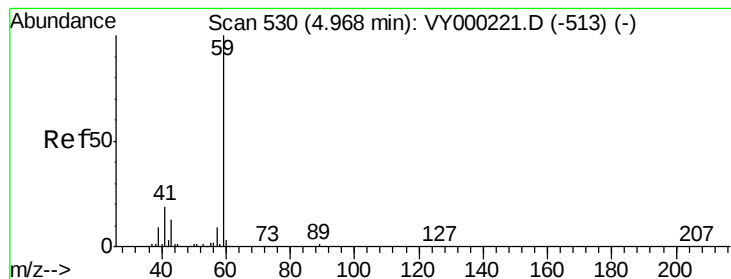
50 100

52 47.5 25.4 38.0#



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



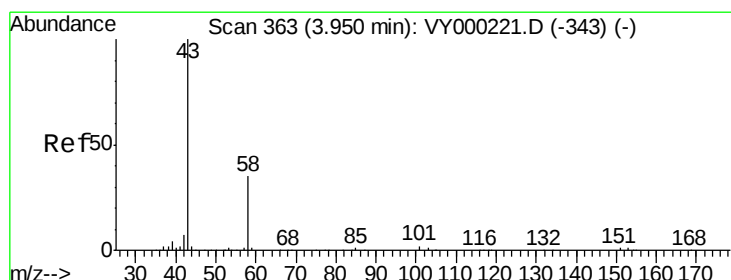
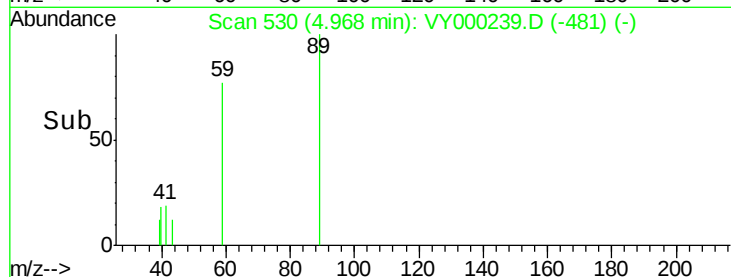
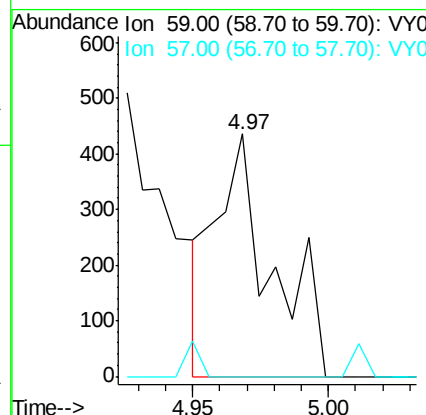
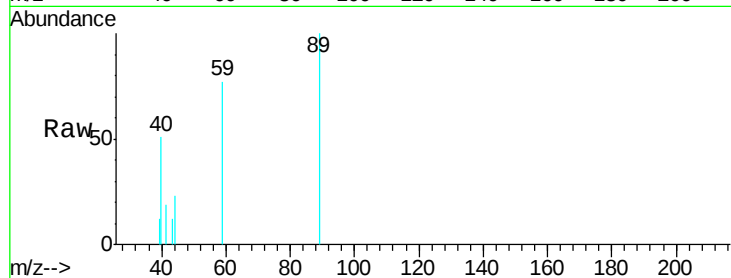


#11

Tert butyl alcohol
 Concen: 0.343 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY000239.D
 Acq: 09 Oct 2019 13:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009WBL03

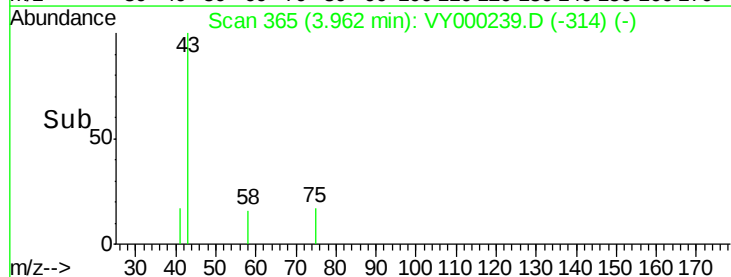
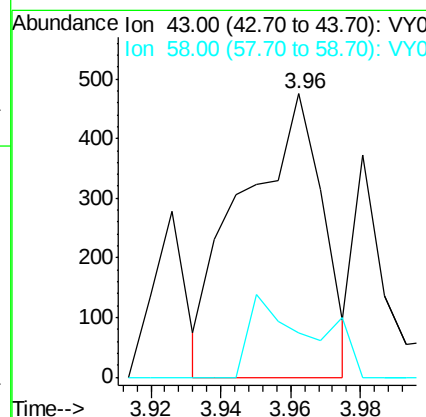
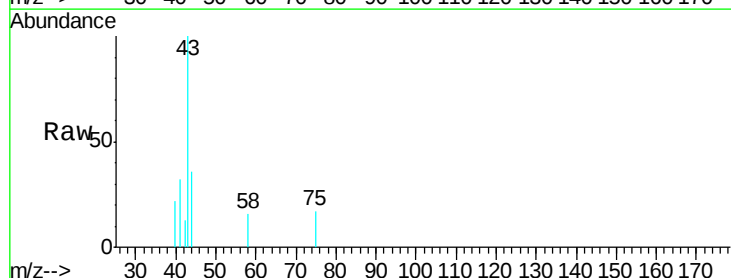
Tgt Ion: 59 Resp: 620
 Ion Ratio Lower Upper
 59 100
 57 3.7 8.0 12.0#

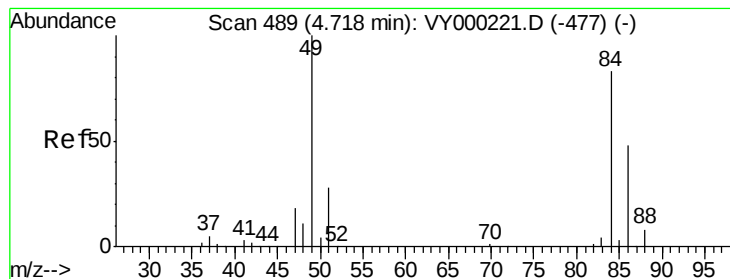


#16

Acetone
 Concen: 0.288 ug/l
 RT: 3.96 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VY000239.D
 Acq: 09 Oct 2019 13:05

Tgt Ion: 43 Resp: 758
 Ion Ratio Lower Upper
 43 100
 58 18.5 28.2 42.4#





#20

Methylene Chloride

Concen: 0.519 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY000239.D

Acq: 09 Oct 2019 13:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1009WBL03

Tgt Ion: 84 Resp: 1794

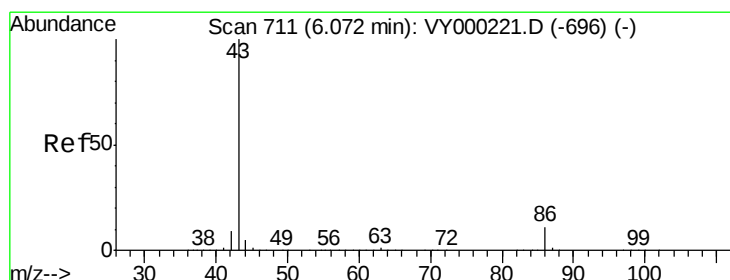
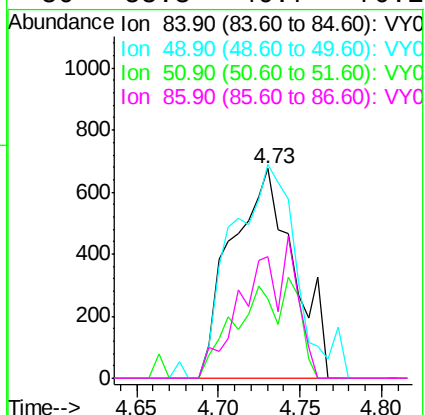
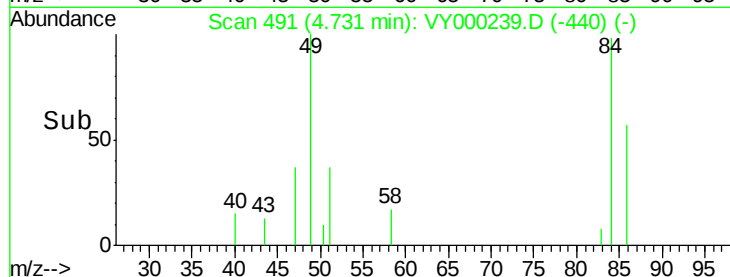
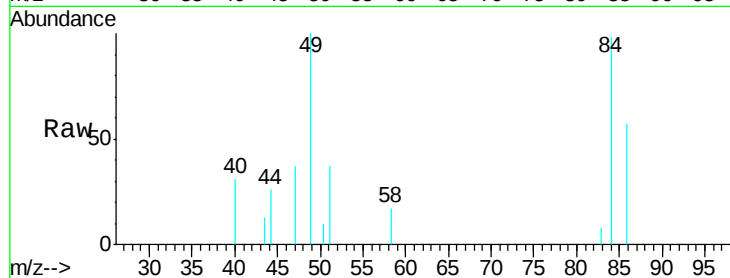
Ion Ratio Lower Upper

84 100

49 101.9 96.2 144.2

51 37.7 26.6 39.8

86 58.3 46.7 70.1



#23

Vinyl Acetate

Concen: 2.325 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY000239.D

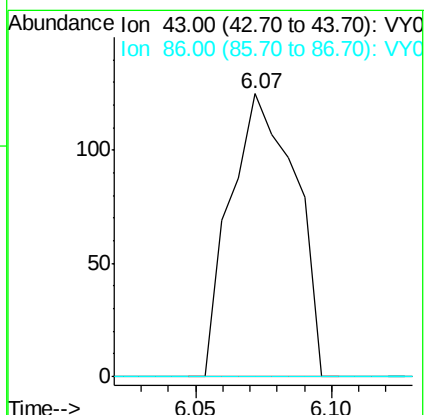
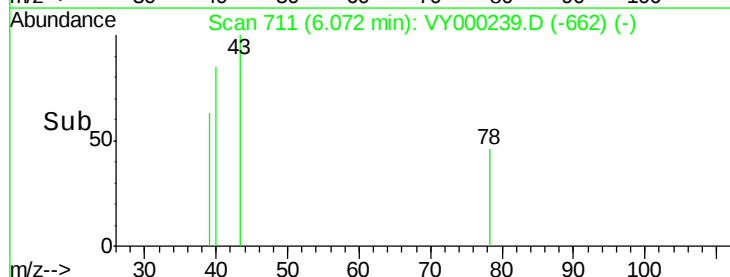
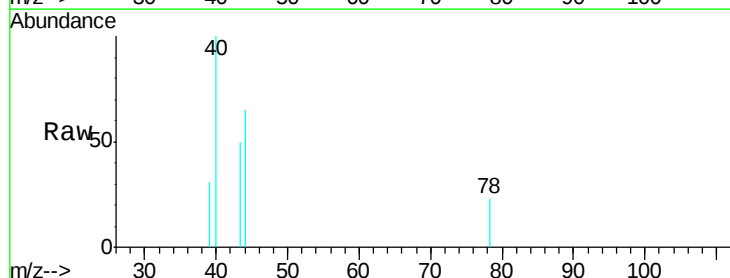
Acq: 09 Oct 2019 13:05

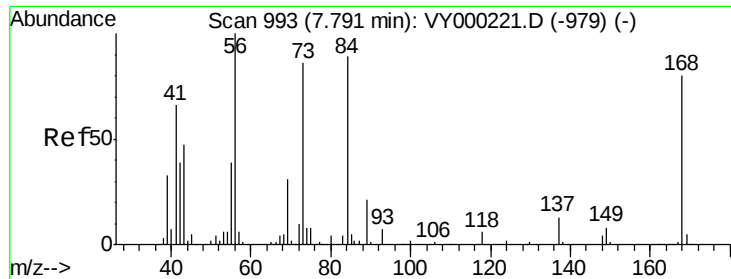
Tgt Ion: 43 Resp: 207

Ion Ratio Lower Upper

43 100

86 0.0 8.5 12.7#

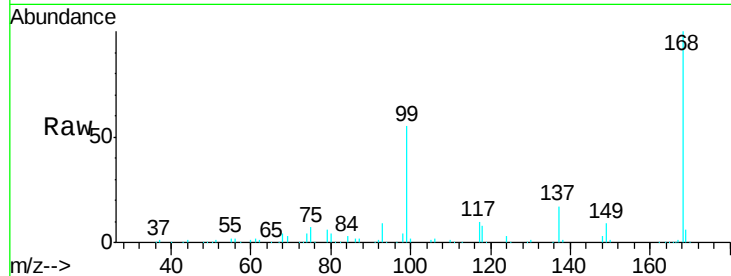




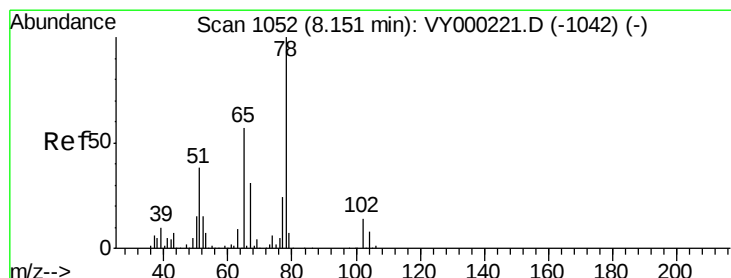
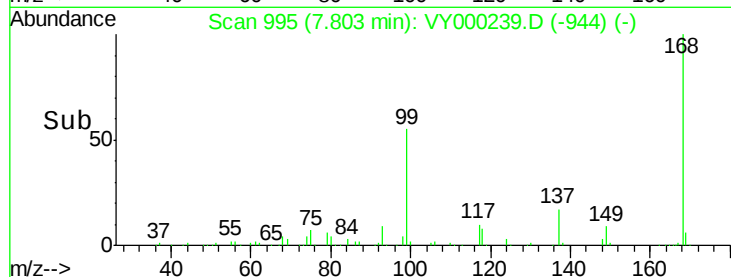
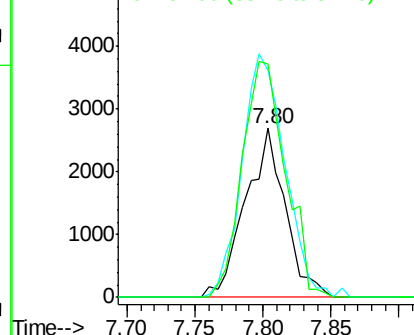
#31
Cyclohexane
Concen: 0.964 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY000239.D
Acq: 09 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1009WBL03

Tgt Ion: 56 Resp: 5509
Ion Ratio Lower Upper
56 100
69 134.2 24.7 37.1#
84 138.3 71.3 106.9#

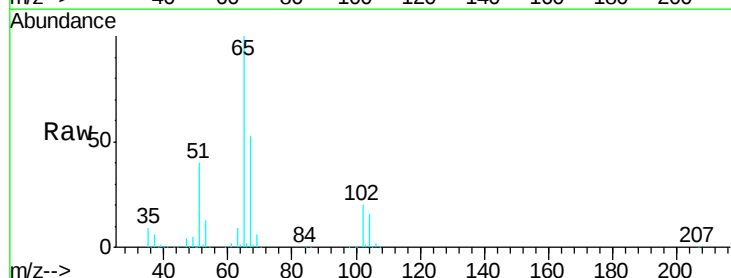


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

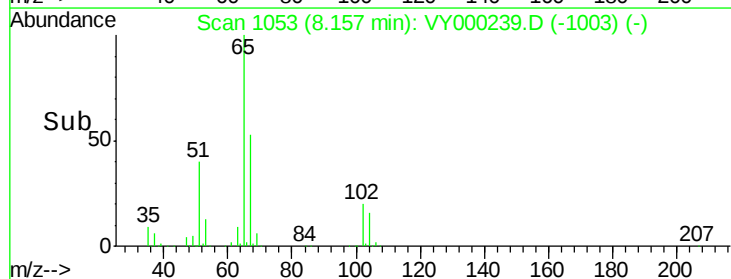
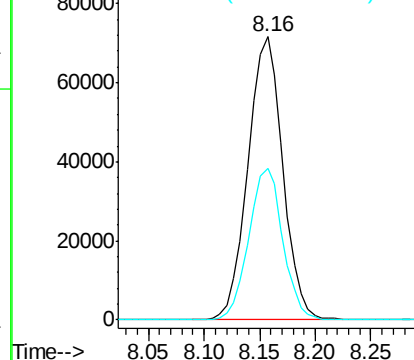


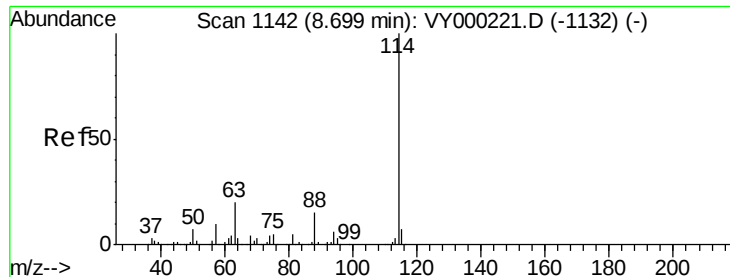
#33
1,2-Dichloroethane-d4
Concen: 46.964 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VY000239.D
Acq: 09 Oct 2019 13:05

Tgt Ion: 65 Resp: 156110
Ion Ratio Lower Upper
65 100
67 52.3 0.0 109.0



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

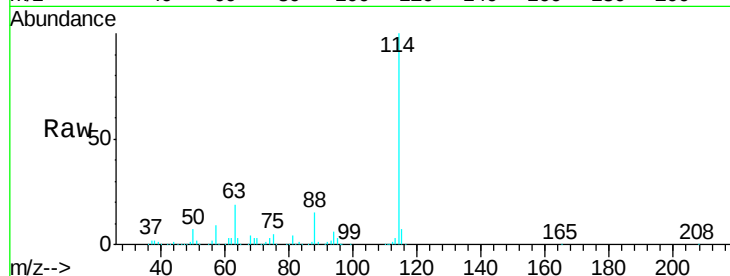




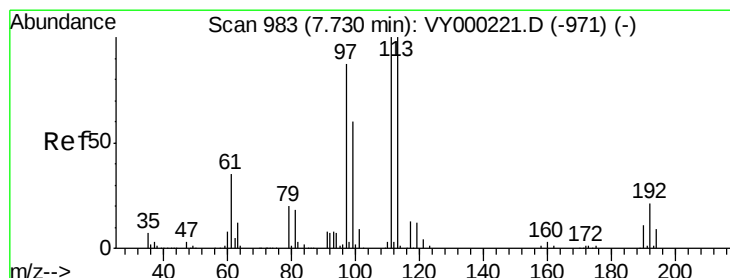
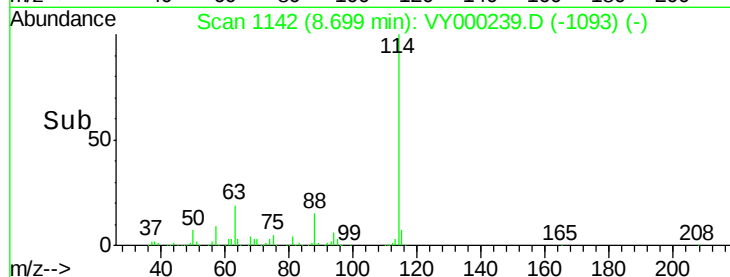
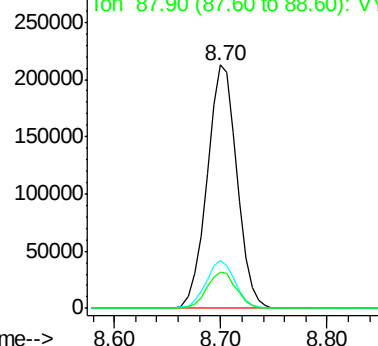
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000239.D
 Acq: 09 Oct 2019 13:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009WBL03

Tgt Ion:114 Resp: 417980
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.0 0.0 30.6

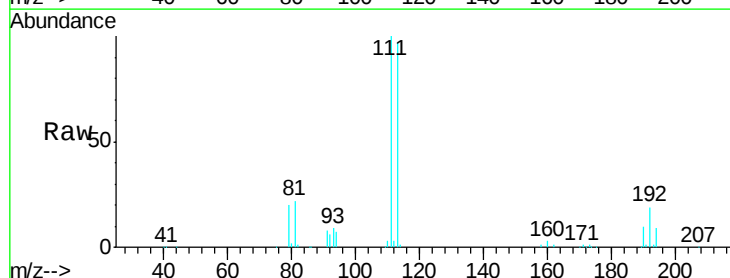


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

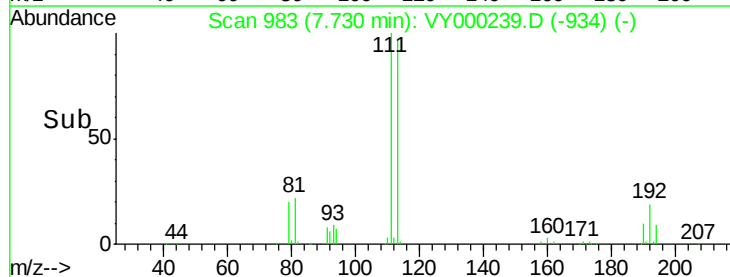
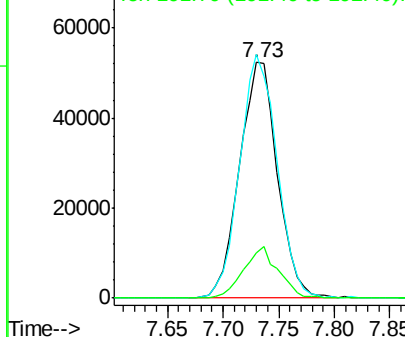


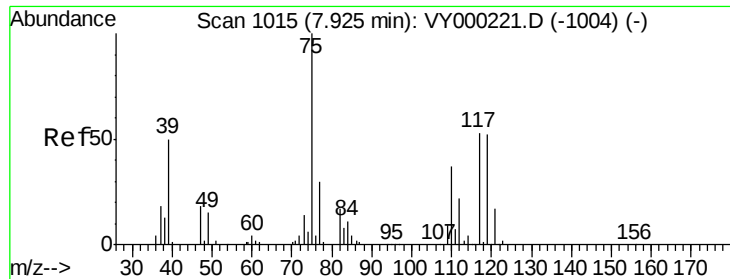
#35
 Dibromofluoromethane
 Concen: 47.635 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000239.D
 Acq: 09 Oct 2019 13:05

Tgt Ion:113 Resp: 124058
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.6 124.0
 192 20.1 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

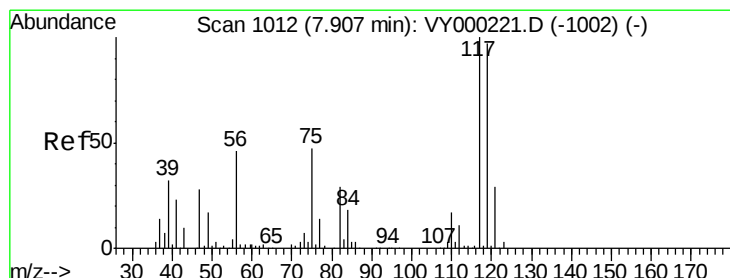
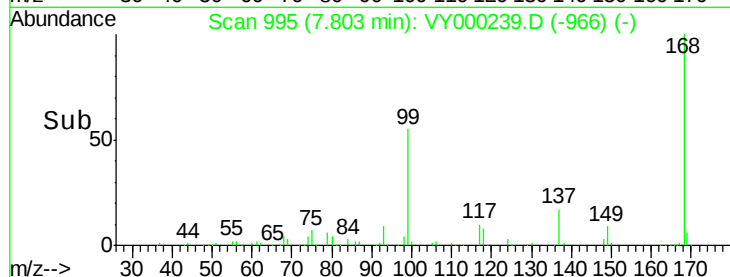
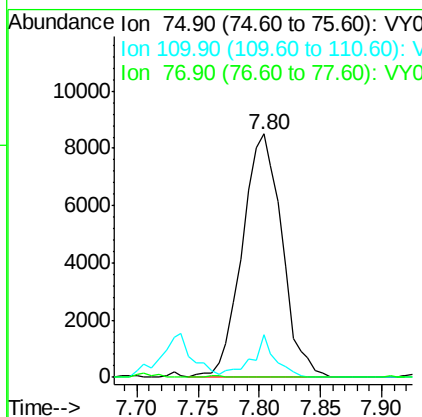
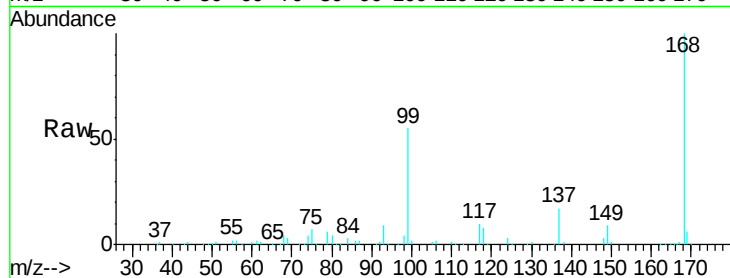




#36
 1,1-Dichloropropene
 Concen: 4.531 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY000239.D
 Acq: 09 Oct 2019 13:05

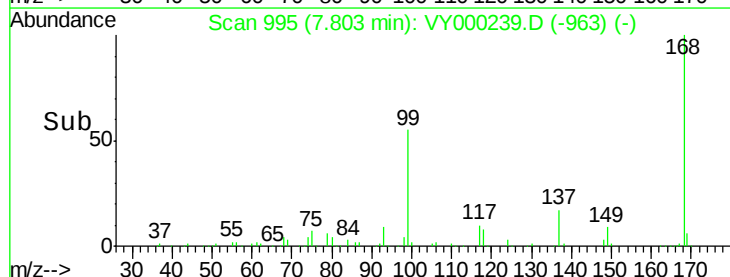
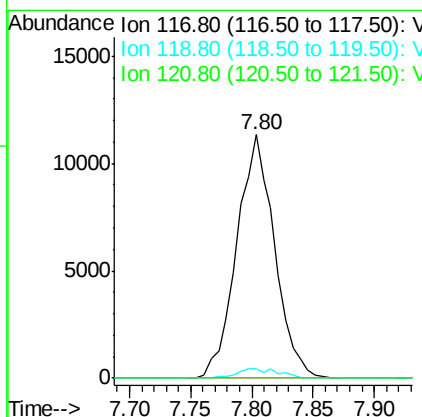
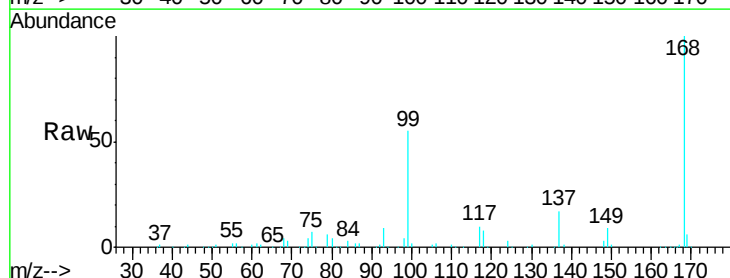
Instrument :
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 VY1009WBL03

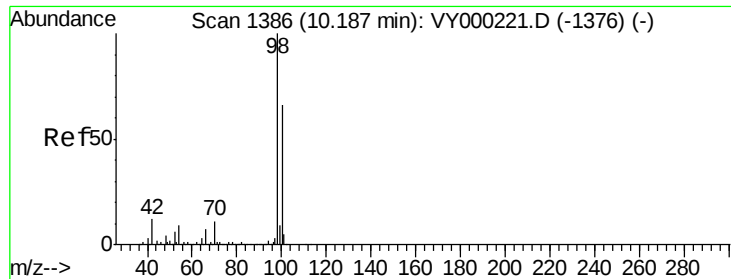
Tgt Ion: 75 Resp: 19269
 Ion Ratio Lower Upper
 75 100
 110 10.5 18.4 55.2#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.858 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.10 min
 Lab File: VY000239.D
 Acq: 09 Oct 2019 13:05

Tgt Ion: 117 Resp: 24282
 Ion Ratio Lower Upper
 117 100
 119 3.9 77.2 115.8#
 121 0.0 23.1 34.7#





#50

Toluene-d8

Concen: 46.564 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY000239.D

Acq: 09 Oct 2019 13:05

Instrument :

MSVOA_Y

ClientSampleId :

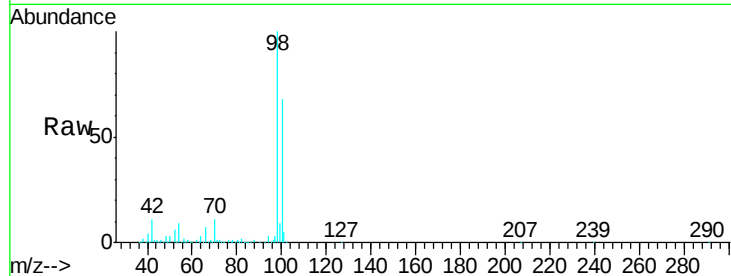
VY1009WBL03

Tgt Ion: 98 Resp: 476362

Ion Ratio Lower Upper

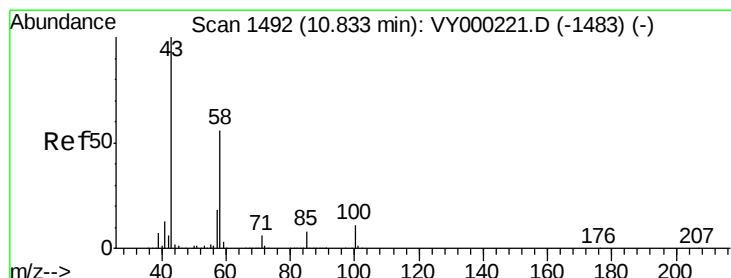
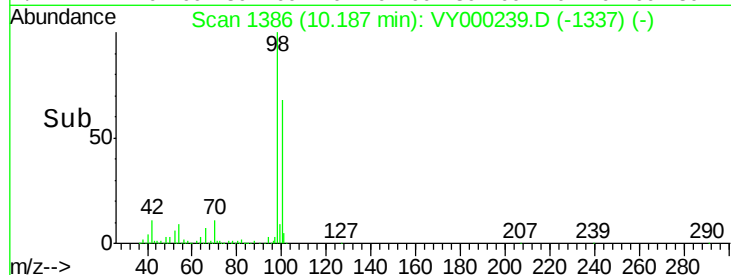
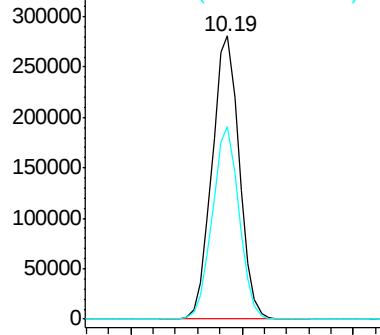
98 100

100 66.8 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: VY000239.D

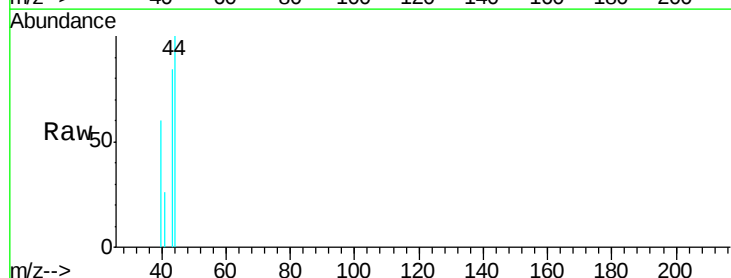
Acq: 09 Oct 2019 13:05

Tgt Ion: 43 Resp: 257

Ion Ratio Lower Upper

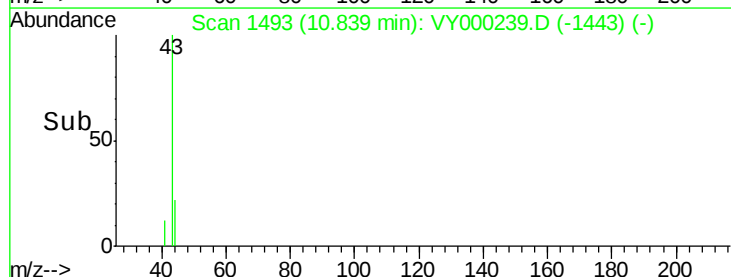
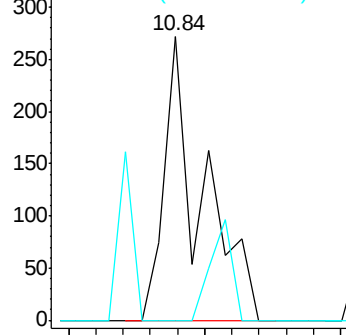
43 100

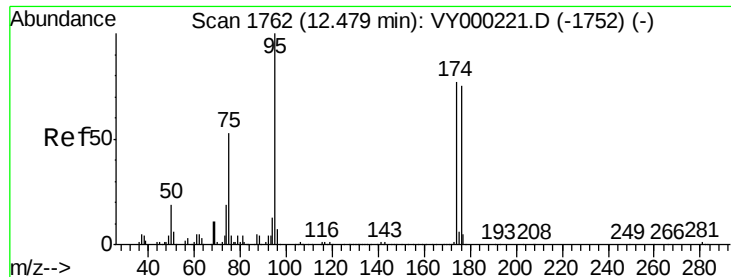
58 23.0 28.2 84.6#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

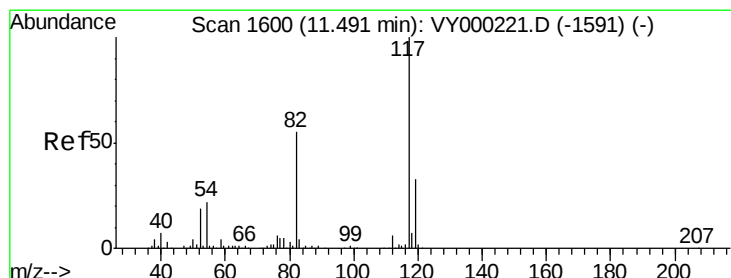
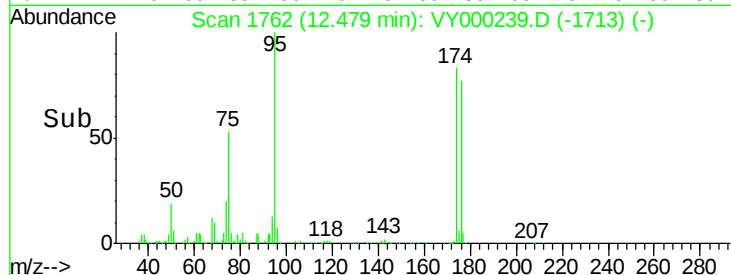
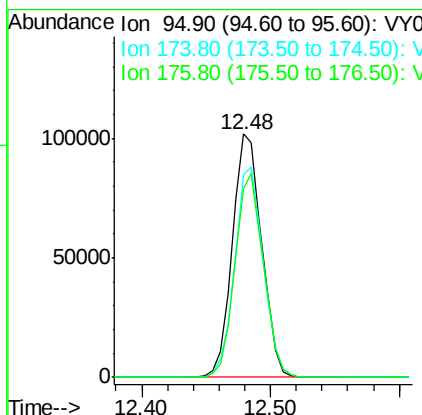
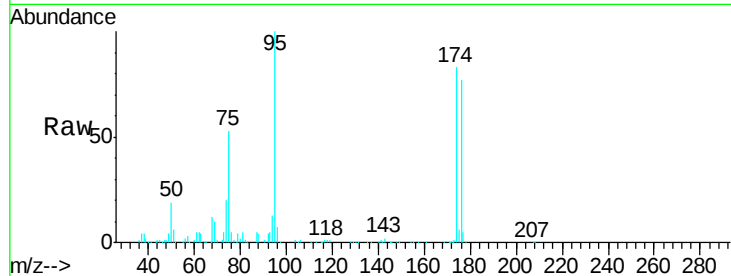




#62
4-Bromofluorobenzene
Concen: 44.584 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY000239.D
Acq: 09 Oct 2019 13:05

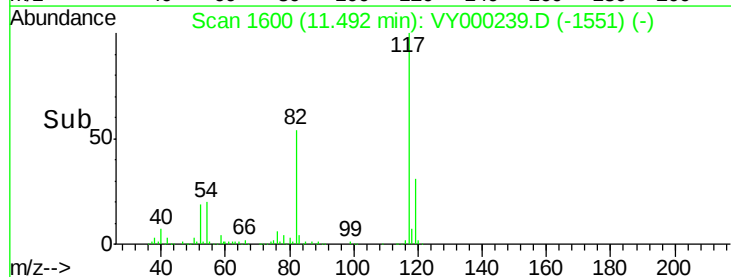
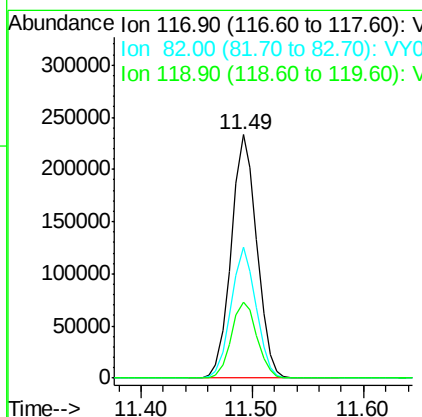
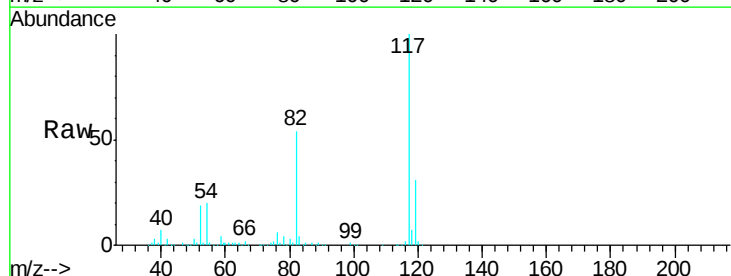
Instrument :
MSVOA_Y
ClientSampleId :
VY1009WBL03

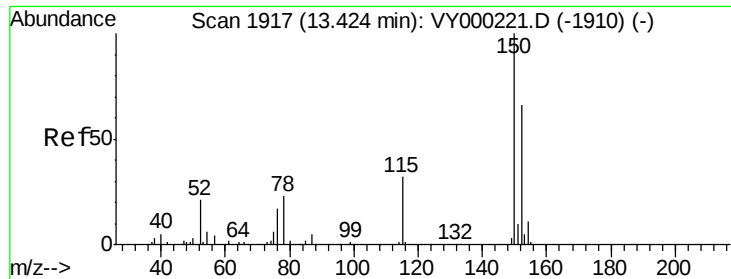
Tgt Ion: 95 Resp: 160977
Ion Ratio Lower Upper
95 100
174 83.8 0.0 157.0
176 81.2 0.0 153.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000239.D
Acq: 09 Oct 2019 13:05

Tgt Ion: 117 Resp: 370055
Ion Ratio Lower Upper
117 100
82 53.8 44.4 66.6
119 31.4 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: VY000239.D

Acq: 09 Oct 2019 13:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1009WBL03

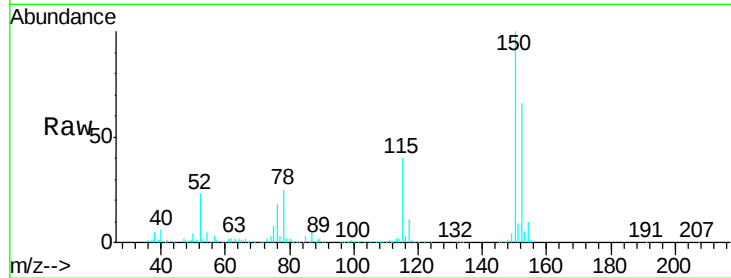
Tgt Ion:152 Resp: 168015

Ion Ratio Lower Upper

152 100

115 58.1 29.3 88.0

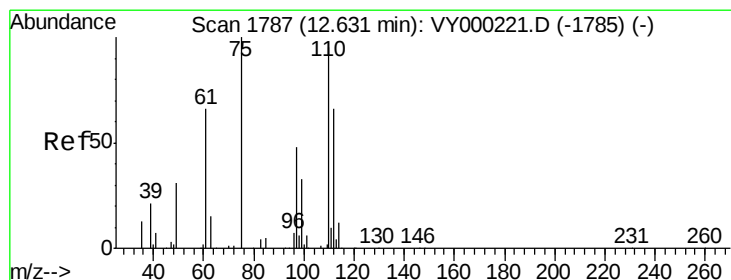
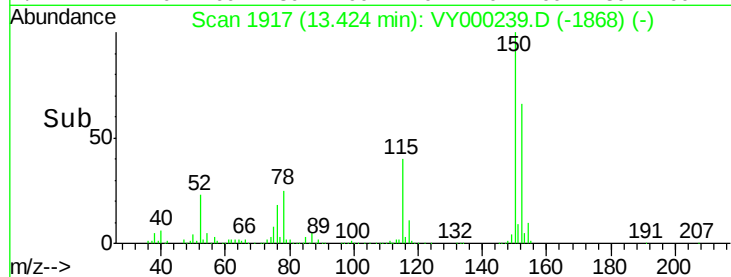
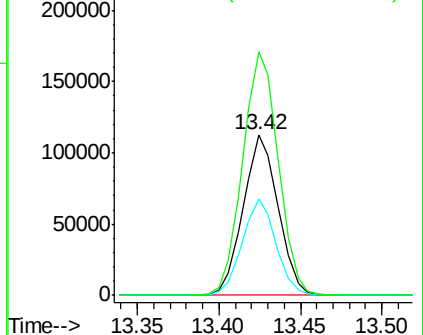
150 154.2 0.0 349.6



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: 18.666 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000239.D

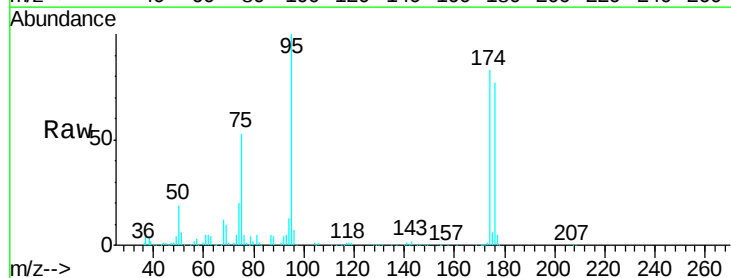
Acq: 09 Oct 2019 13:05

Tgt Ion: 75 Resp: 82801

Ion Ratio Lower Upper

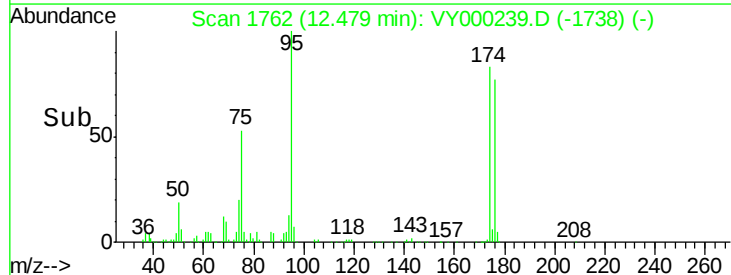
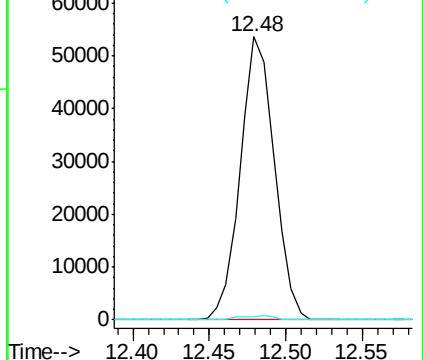
75 100

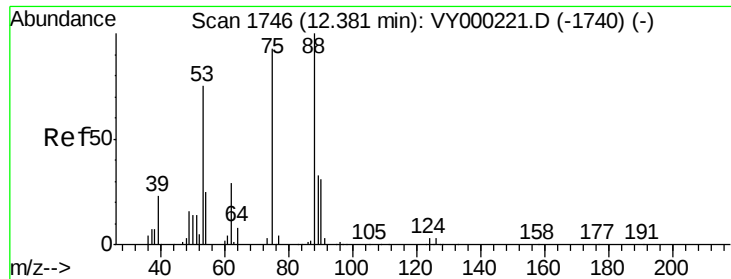
77 1.3 0.0 0.0#



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: 36.454 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000239.D

Acq: 09 Oct 2019 13:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1009WBL03

Tgt Ion: 75 Resp: 82801

Ion Ratio Lower Upper

75 100

53 0.0 66.5 99.7#

89 0.0 46.9 70.3#

