

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011020\
 Data File : VY001152.D
 Acq On : 10 Jan 2020 16:56
 Operator : SY/MD
 Sample : VY0110SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0110SBL01

Quant Time: Jan 10 18:07:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	177302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	321693	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	291634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	131811	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	102084	54.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.02%	
35) Dibromofluoromethane	7.73	113	96793	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
50) Toluene-d8	10.18	98	377026	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
62) 4-Bromofluorobenzene	12.48	95	143252	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	

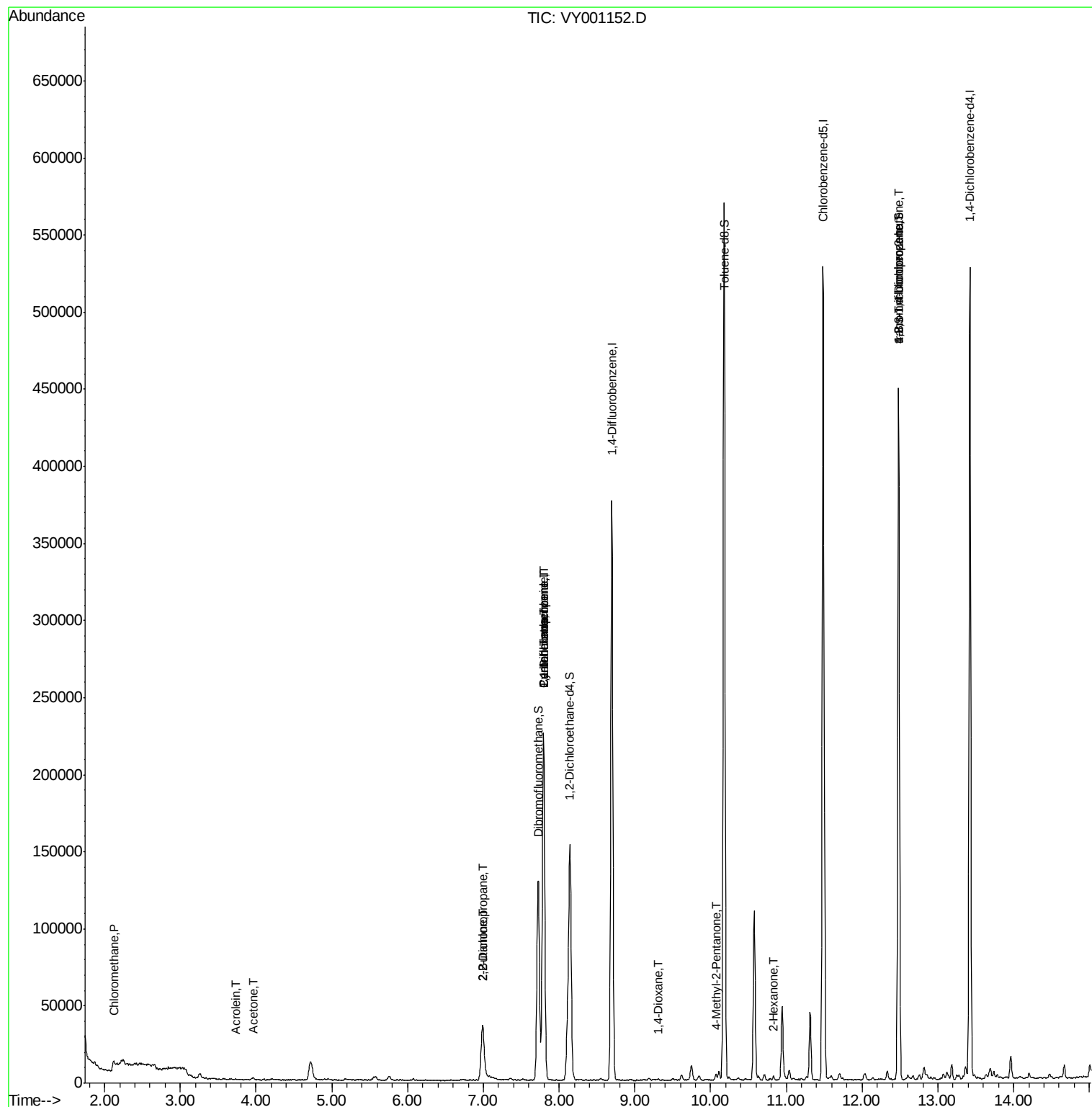
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.12	50	2168	1.105	ug/l	93
13) Acrolein	3.74	56	313	1.845	ug/l	88
16) Acetone	3.96	43	2651	6.096	ug/l #	65
20) Methylene Chloride	4.72	84	9672	Below Cal		93
25) 2-Butanone	7.00	43	3047	4.502	ug/l #	79
26) 2,2-Dichloropropane	6.99	77	3201	1.018	ug/l #	52
31) Cyclohexane	7.79	56	4416	1.219	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	13846	4.722	ug/l #	50
38) Carbon Tetrachloride	7.80	117	17288	6.434	ug/l #	14
49) 1,4-Dioxane	9.30	88	24	1.707	ug/l #	1
51) 4-Methyl-2-Pentanone	10.07	43	3119	1.868	ug/l	94
59) 2-Hexanone	10.83	43	1921	1.642	ug/l	79
76) 1,2,3-Trichloropropane	12.48	75	67386	47.756	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	67386	80.984	ug/l #	6

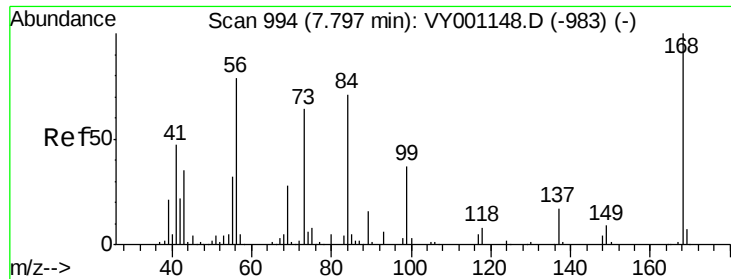
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY011020\
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QLast Update : Fri Jan 10 16:01:58 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY001152.D

Acq: 10 Jan 2020 16:56

Instrument :

MSVOA_Y

ClientSampleId :

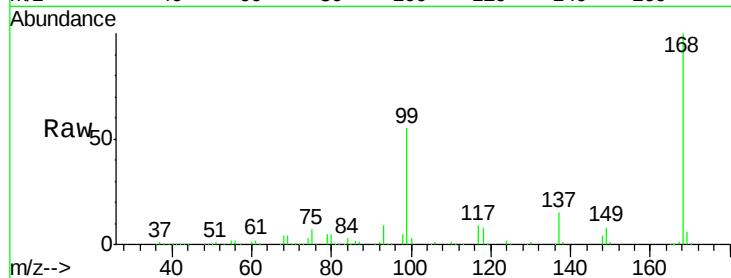
VY0110SBL01

Tgt Ion:168 Resp: 177302

Ion Ratio Lower Upper

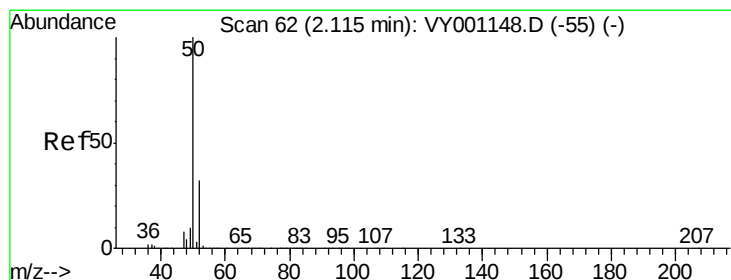
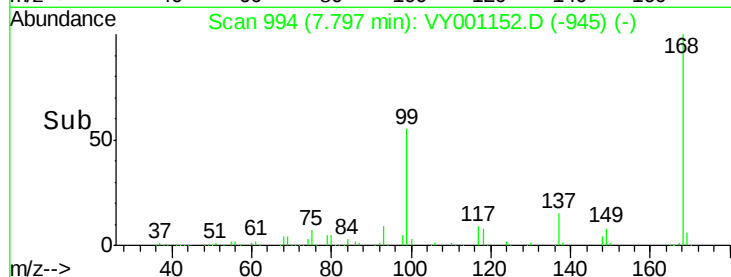
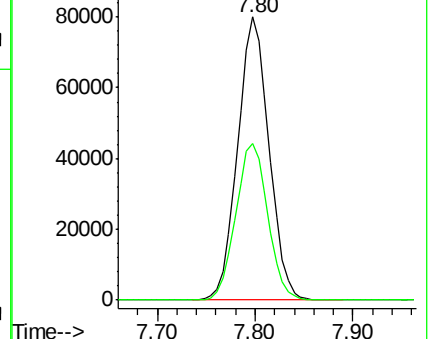
168 100

99 55.3 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#3

Chloromethane

Concen: 1.105 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY001152.D

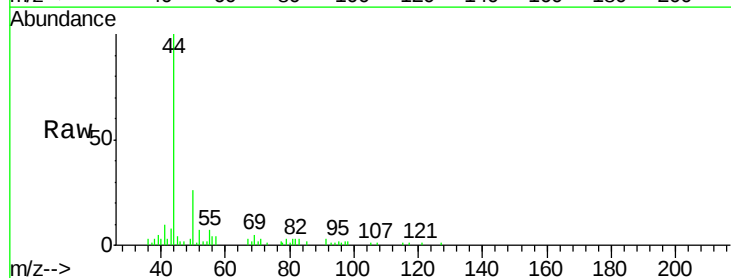
Acq: 10 Jan 2020 16:56

Tgt Ion: 50 Resp: 2168

Ion Ratio Lower Upper

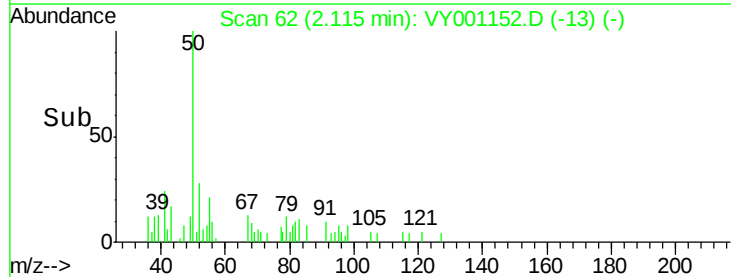
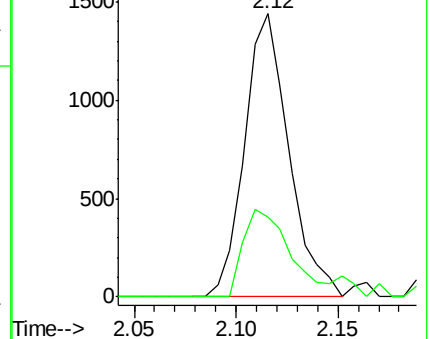
50 100

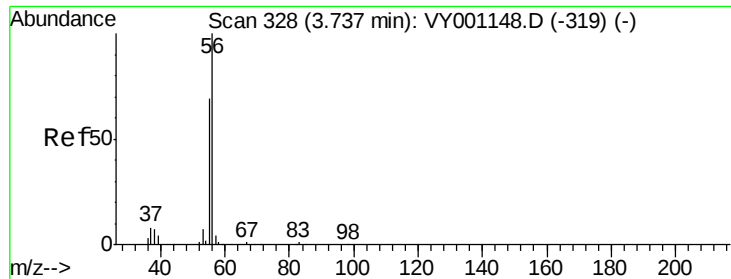
52 28.3 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0





#13

Acrolein

Concen: 1.845 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY001152.D

Acq: 10 Jan 2020 16:56

Instrument :

MSVOA_Y

ClientSampleId :

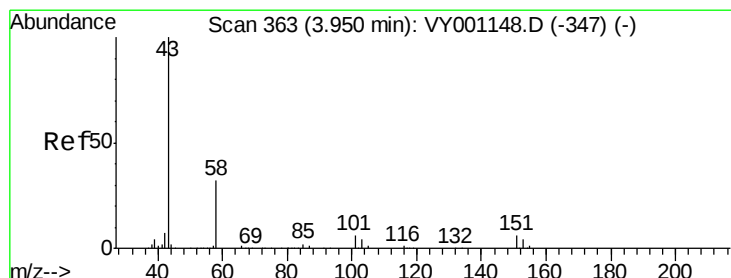
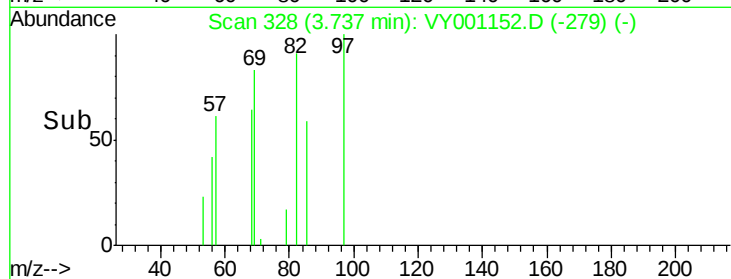
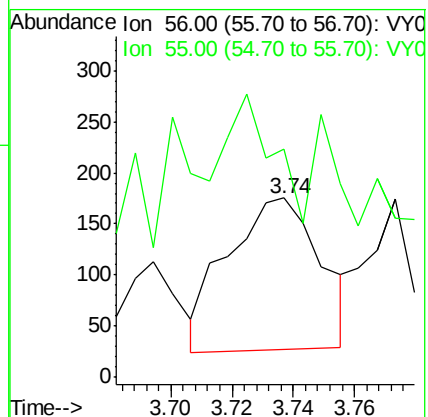
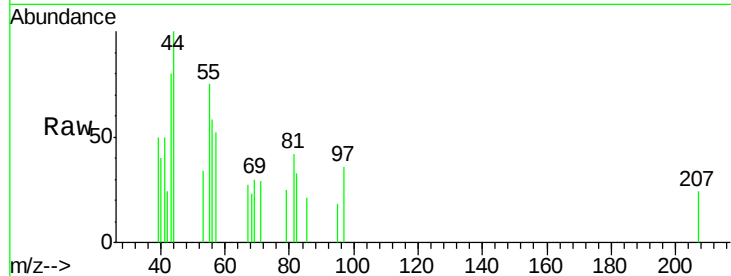
VY0110SBL01

Tgt Ion: 56 Resp: 313

Ion Ratio Lower Upper

56 100

55 81.2 56.7 85.1



#16

Acetone

Concen: 6.096 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY001152.D

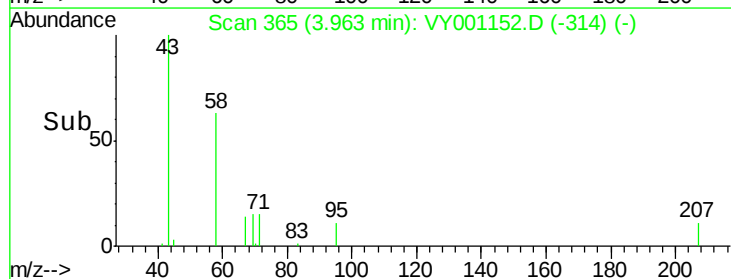
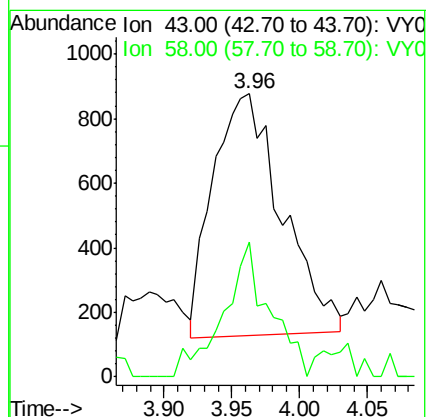
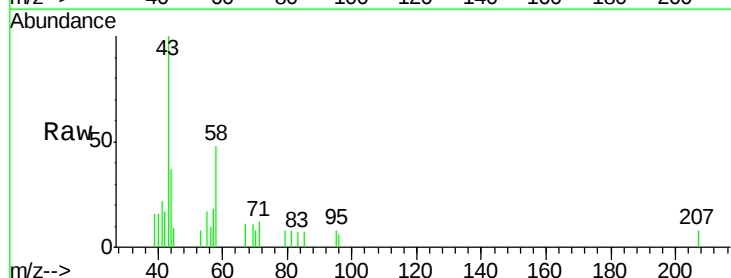
Acq: 10 Jan 2020 16:56

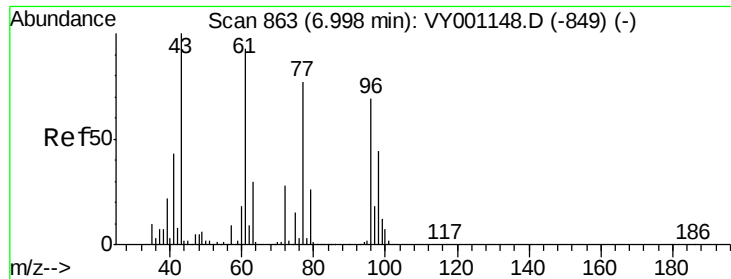
Tgt Ion: 43 Resp: 2651

Ion Ratio Lower Upper

43 100

58 51.9 25.8 38.6#





#25

2-Butanone

Concen: 4.502 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY001152.D

Acq: 10 Jan 2020 16:56

Instrument :

MSVOA_Y

ClientSampleId :

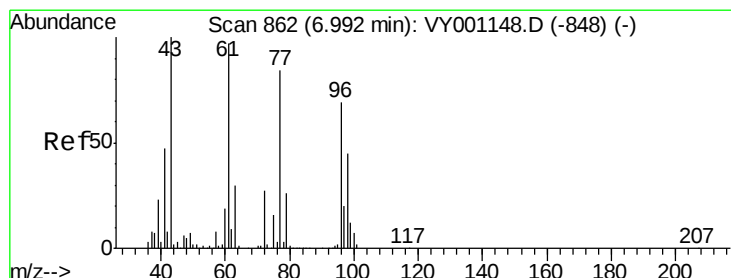
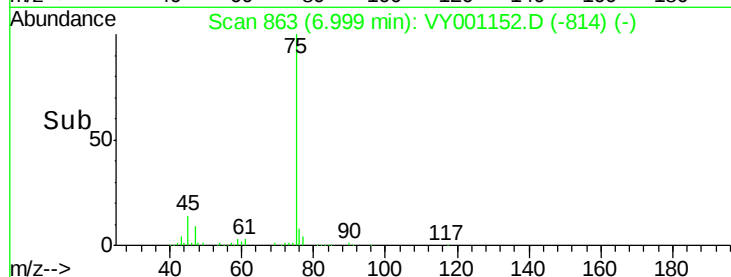
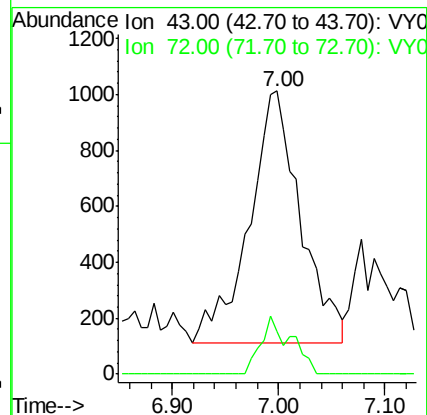
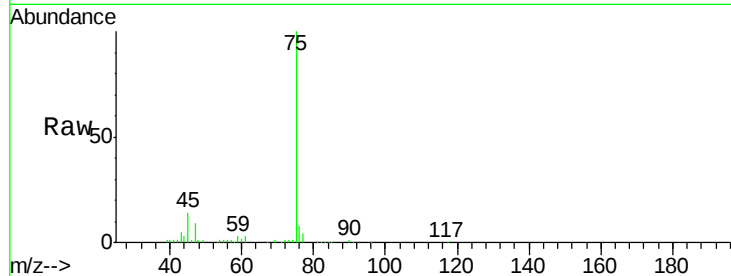
VY0110SBL01

Tgt Ion: 43 Resp: 3047

Ion Ratio Lower Upper

43 100

72 16.9 22.2 33.2#



#26

2,2-Dichloropropane

Concen: 1.018 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY001152.D

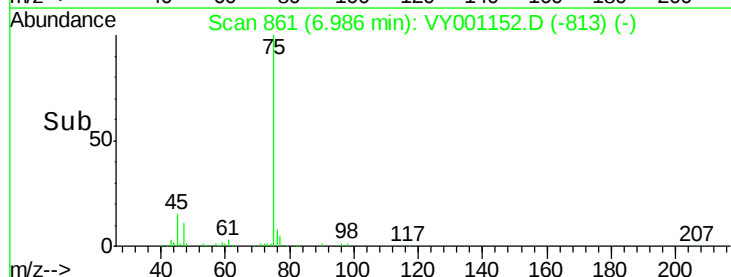
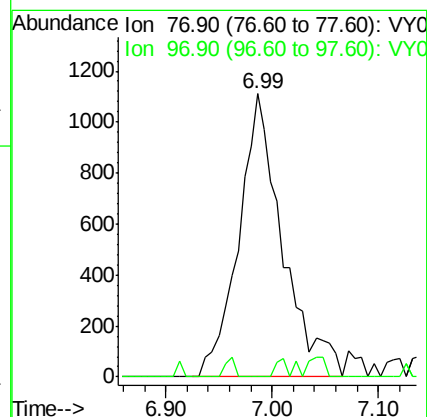
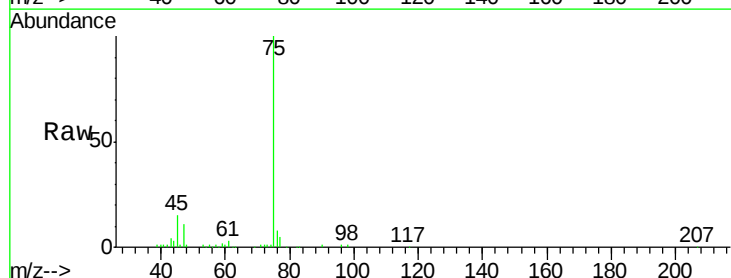
Acq: 10 Jan 2020 16:56

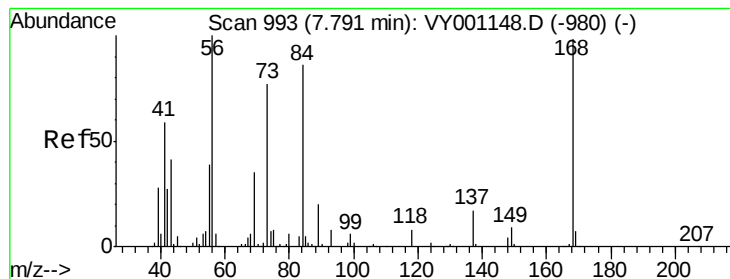
Tgt Ion: 77 Resp: 3201

Ion Ratio Lower Upper

77 100

97 0.0 11.9 35.7#





#31

Cyclohexane

Concen: 1.219 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY001152.D

Acq: 10 Jan 2020 16:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0110SBL01

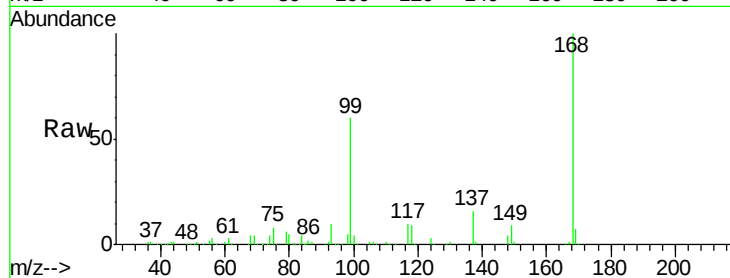
Tgt Ion: 56 Resp: 4416

Ion Ratio Lower Upper

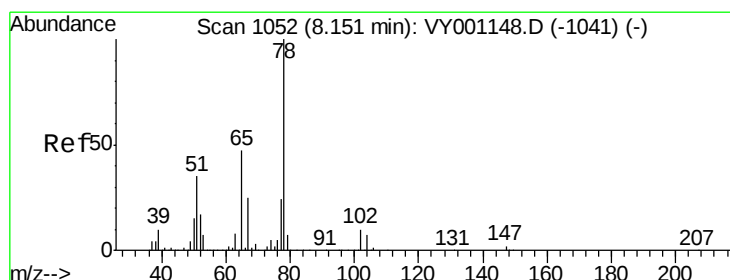
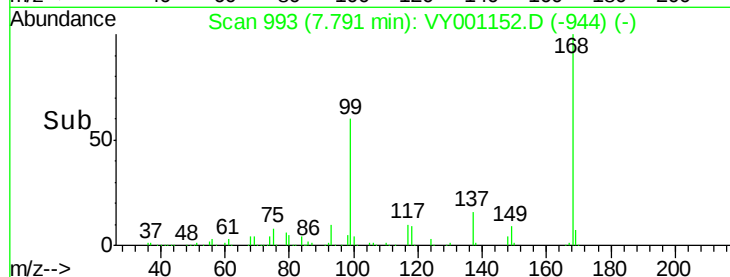
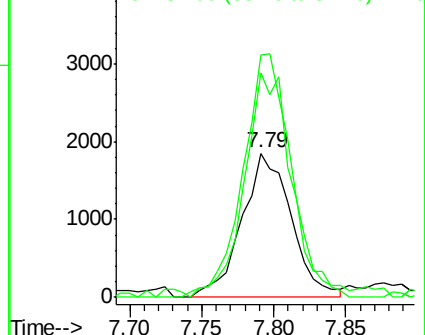
56 100

69 168.1 27.8 41.8#

84 152.4 68.9 103.3#



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: 54.514 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001152.D

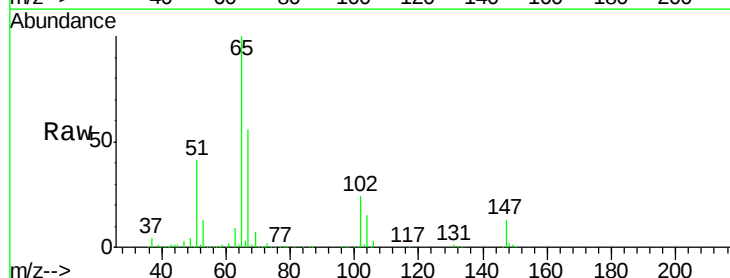
Acq: 10 Jan 2020 16:56

Tgt Ion: 65 Resp: 102084

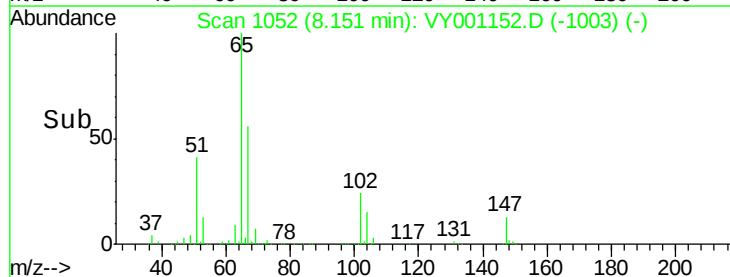
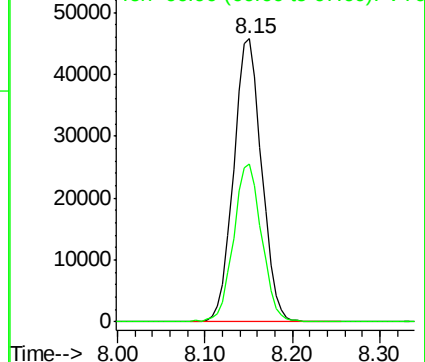
Ion Ratio Lower Upper

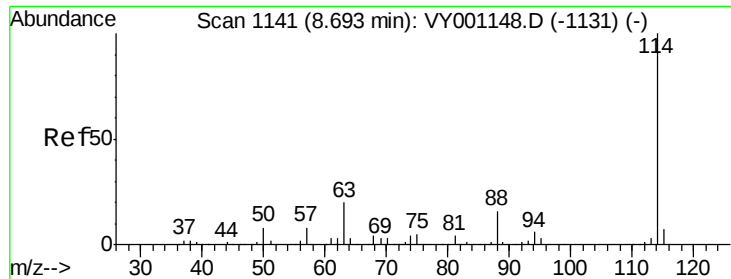
65 100

67 55.8 0.0 105.2



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

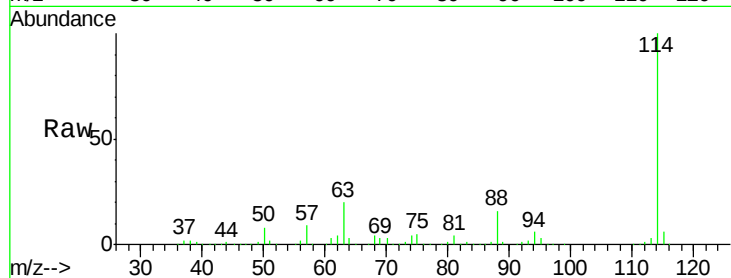




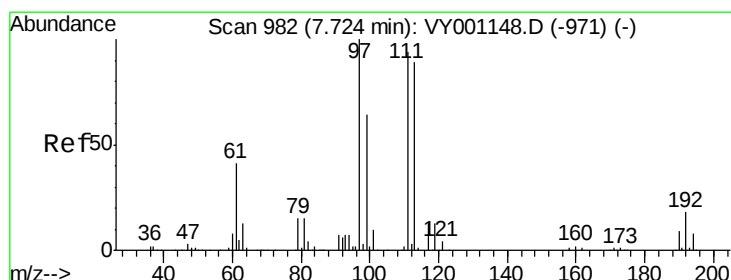
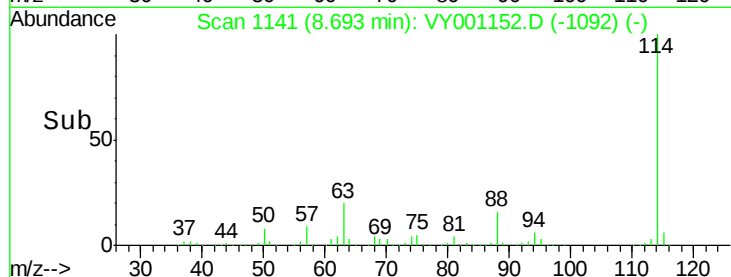
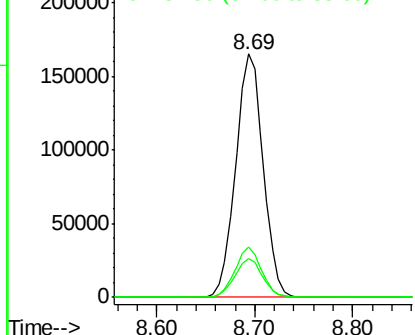
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY001152.D
 Acq: 10 Jan 2020 16:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0110SBL01

Tgt Ion:114 Resp: 321693
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.8
 88 16.1 0.0 32.4

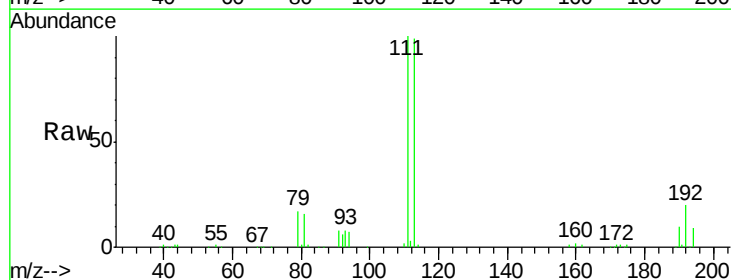


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

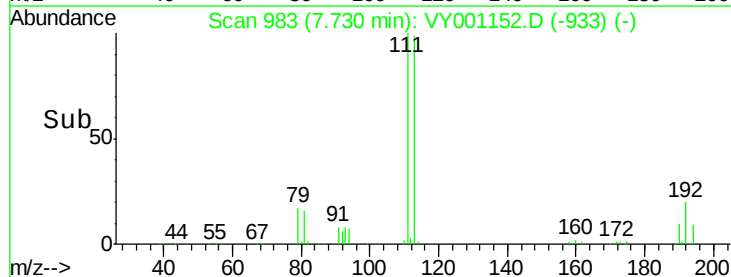
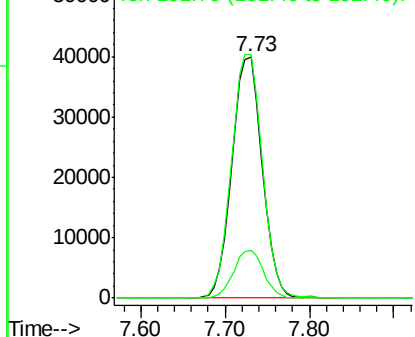


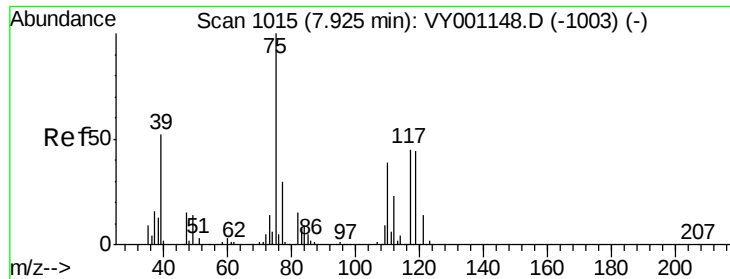
#35
 Dibromofluoromethane
 Concen: 51.390 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY001152.D
 Acq: 10 Jan 2020 16:56

Tgt Ion:113 Resp: 96793
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.9 124.3
 192 19.6 15.4 23.2



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

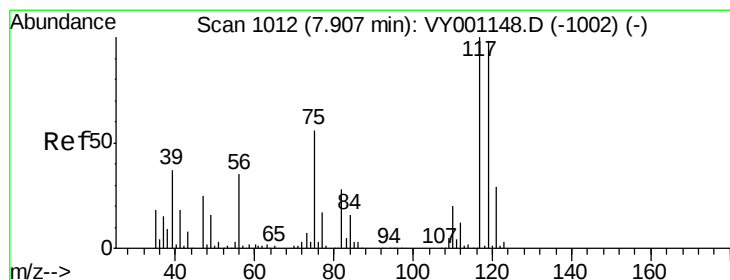
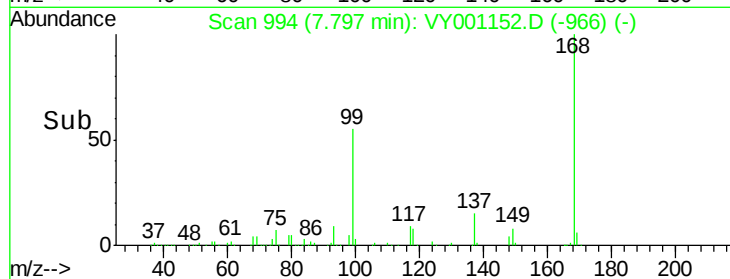
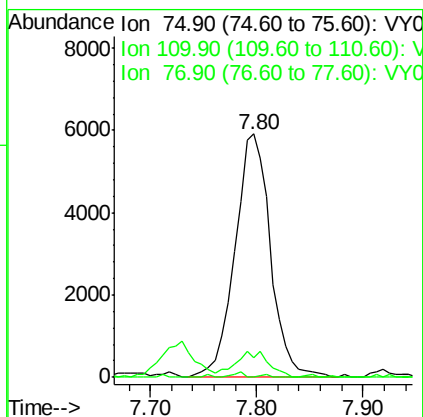
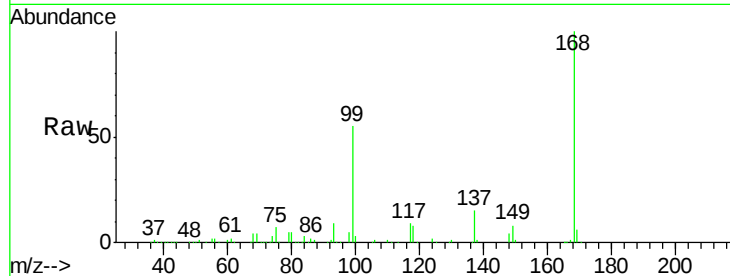




#36
 1,1-Dichloropropene
 Concen: 4.722 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY001152.D
 Acq: 10 Jan 2020 16:56

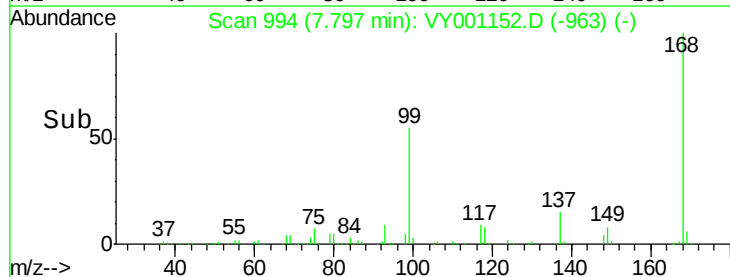
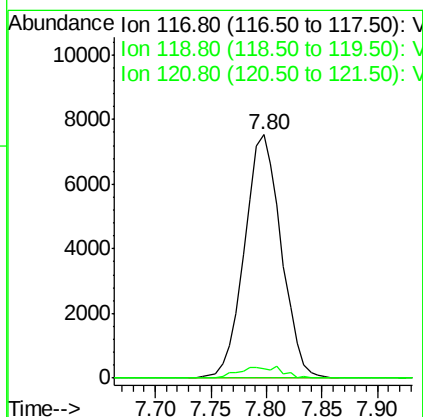
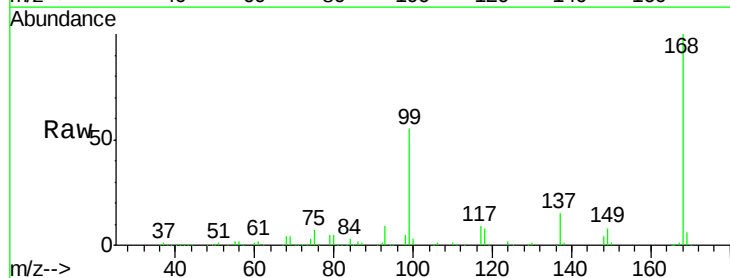
Instrument :
 MSVOA_Y
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 VY0110SBL01

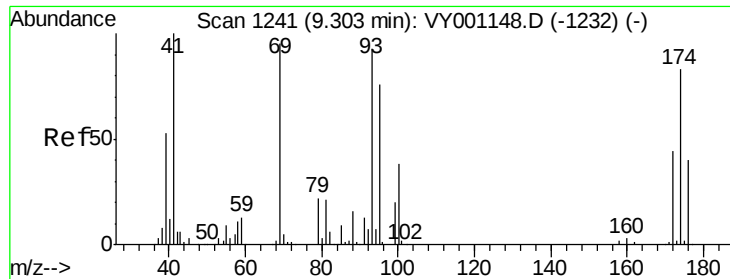
Tgt Ion: 75 Resp: 13846
 Ion Ratio Lower Upper
 75 100
 110 9.9 18.3 54.8#
 77 0.6 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 6.434 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY001152.D
 Acq: 10 Jan 2020 16:56

Tgt Ion: 117 Resp: 17288
 Ion Ratio Lower Upper
 117 100
 119 4.0 78.3 117.5#
 121 0.0 23.5 35.3#





#49

1,4-Dioxane

Concen: 1.707 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VY001152.D

Acq: 10 Jan 2020 16:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0110SBL01

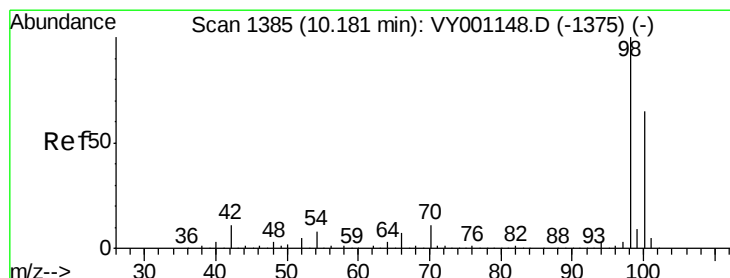
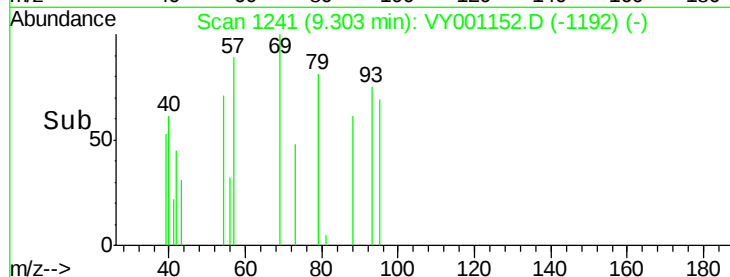
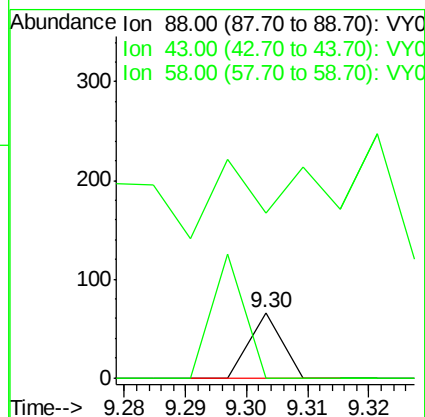
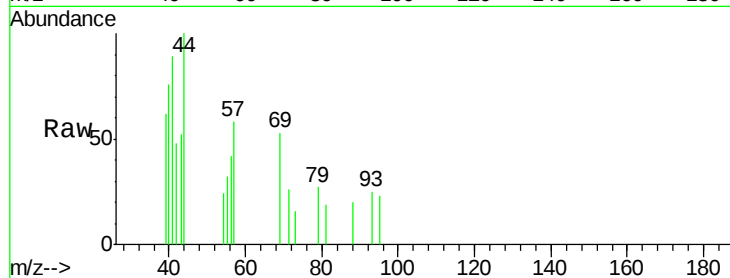
Tgt Ion: 88 Resp: 24

Ion Ratio Lower Upper

88 100

43 245.8 22.4 33.6#

58 191.7 58.0 87.0#



#50

Toluene-d8

Concen: 51.950 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001152.D

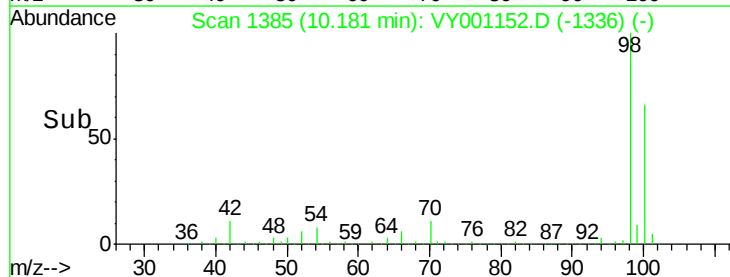
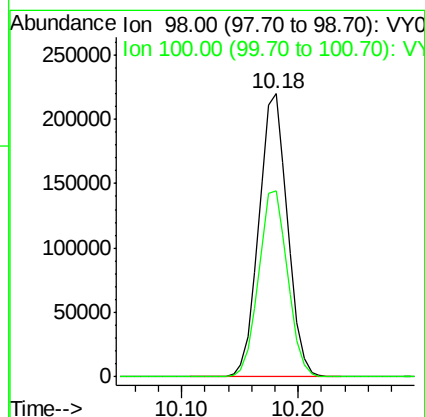
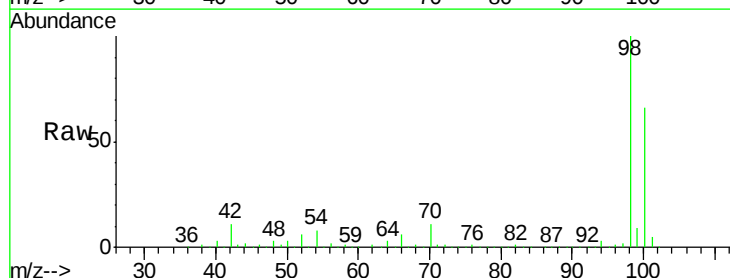
Acq: 10 Jan 2020 16:56

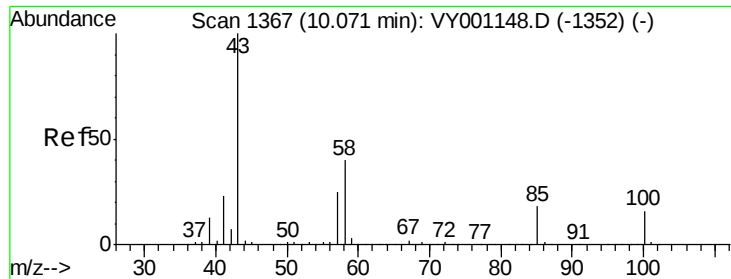
Tgt Ion: 98 Resp: 377026

Ion Ratio Lower Upper

98 100

100 66.5 53.1 79.7

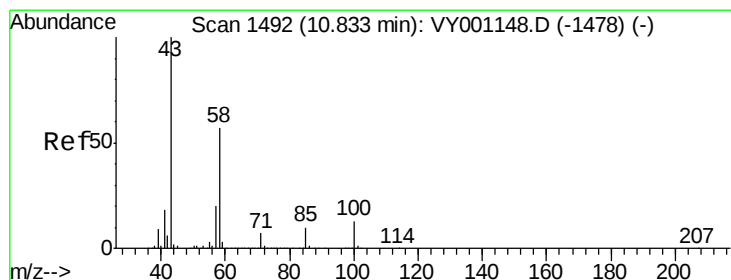
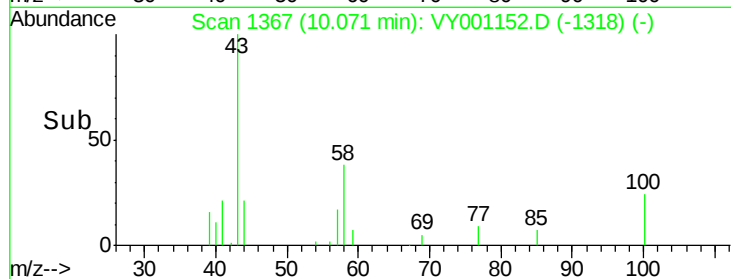
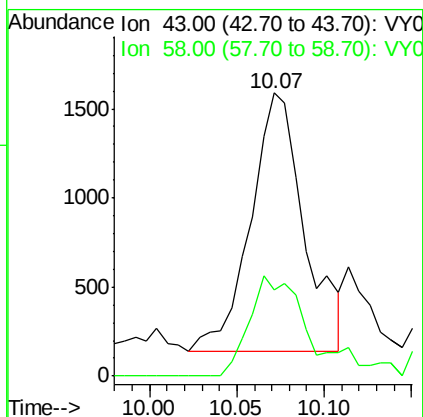
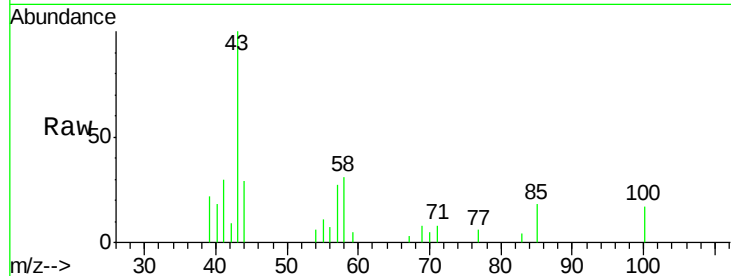




#51
 4-Methyl-2-Pentanone
 Concen: 1.868 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VY001152.D
 Acq: 10 Jan 2020 16:56

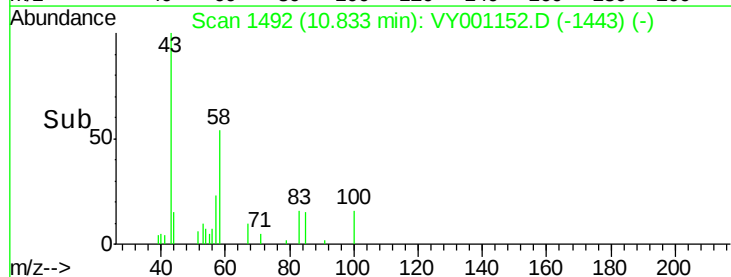
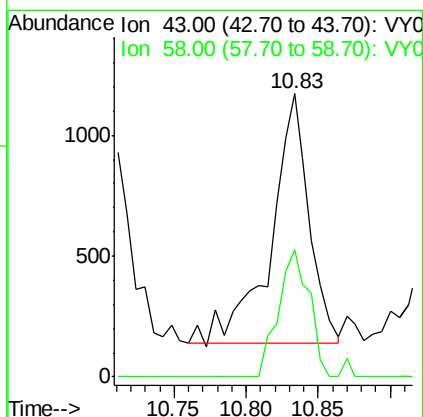
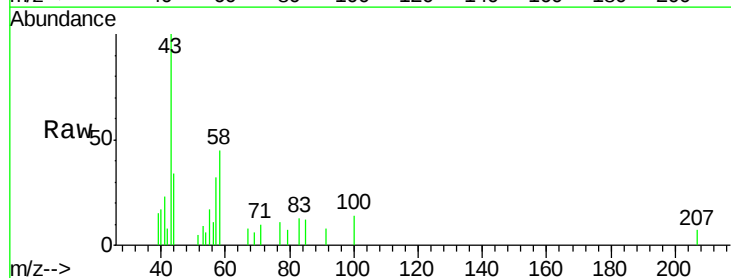
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0110SBL01

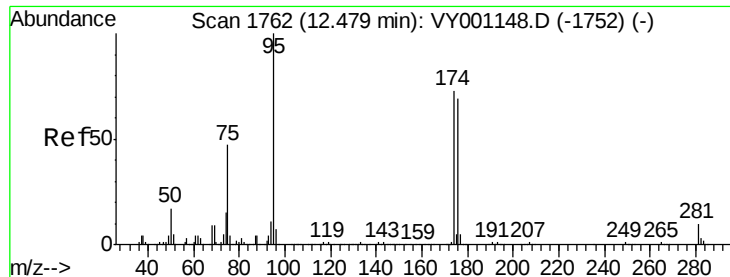
Tgt Ion: 43 Resp: 3119
 Ion Ratio Lower Upper
 43 100
 58 43.8 32.3 48.5



#59
 2-Hexanone
 Concen: 1.642 ug/l
 RT: 10.83 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VY001152.D
 Acq: 10 Jan 2020 16:56

Tgt Ion: 43 Resp: 1921
 Ion Ratio Lower Upper
 43 100
 58 41.2 28.4 85.2

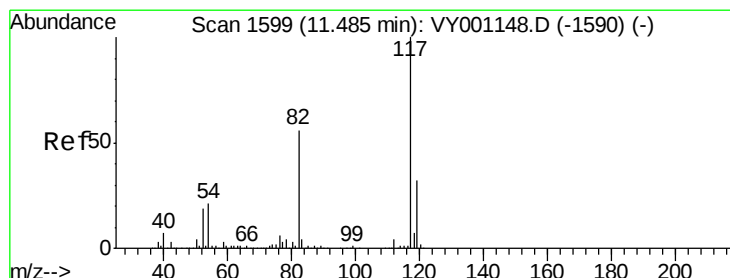
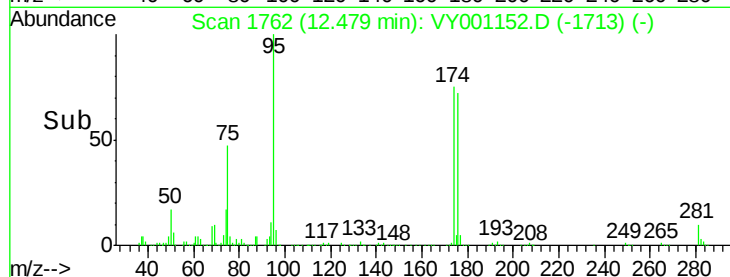
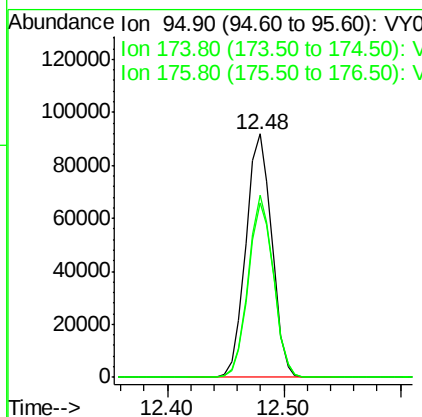
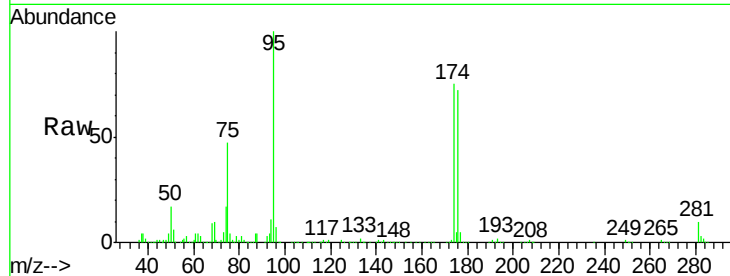




#62
4-Bromofluorobenzene
Concen: 48.281 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY001152.D
Acq: 10 Jan 2020 16:56

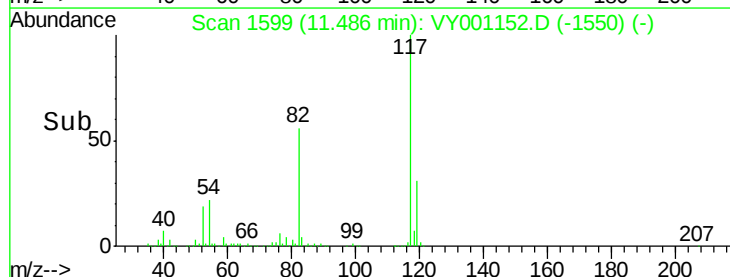
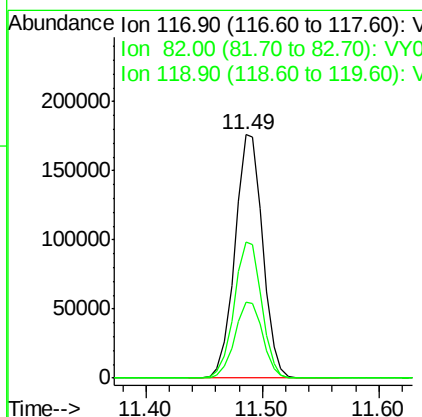
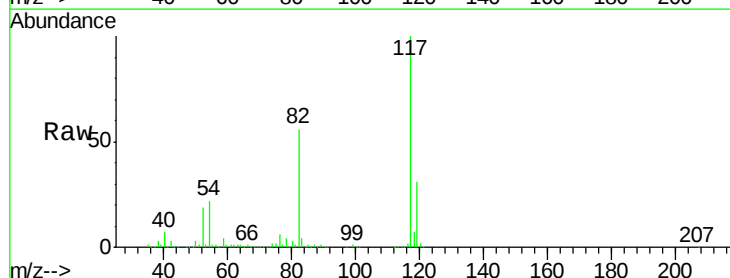
Instrument :
MSVOA_Y
ClientSampleId :
VY0110SBL01

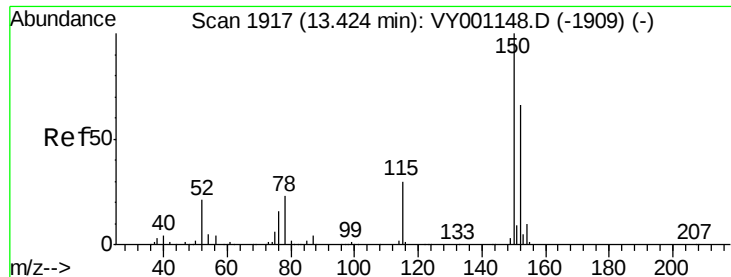
Tgt Ion: 95 Resp: 143252
Ion Ratio Lower Upper
95 100
174 72.7 0.0 143.2
176 70.4 0.0 136.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001152.D
Acq: 10 Jan 2020 16:56

Tgt Ion: 117 Resp: 291634
Ion Ratio Lower Upper
117 100
82 56.1 44.9 67.3
119 31.3 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY001152.D

Acq: 10 Jan 2020 16:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0110SBL01

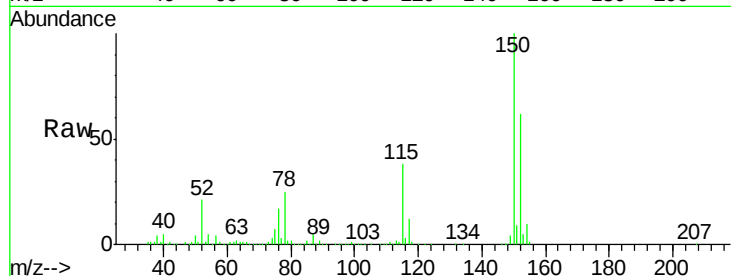
Tgt Ion:152 Resp: 131811

Ion Ratio Lower Upper

152 100

115 60.3 30.9 92.5

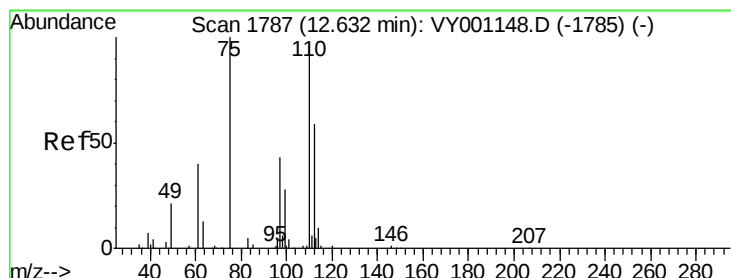
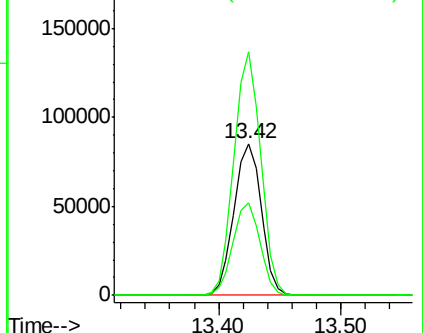
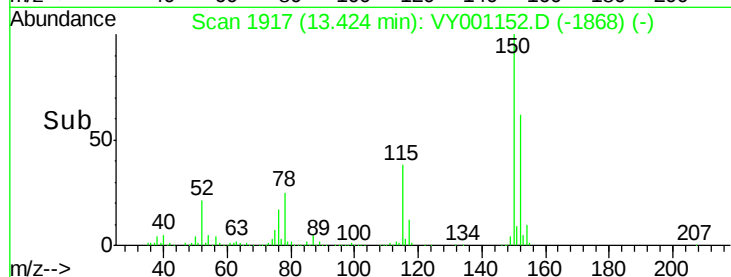
150 157.3 0.0 346.8



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: 47.756 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY001152.D

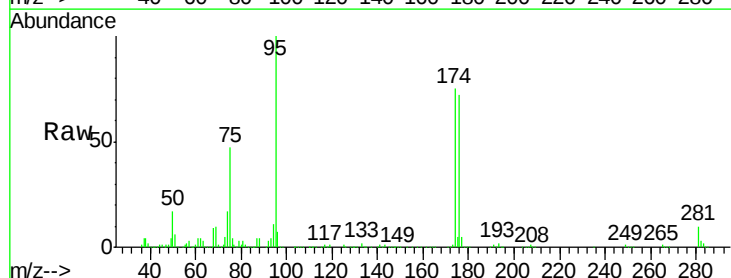
Acq: 10 Jan 2020 16:56

Tgt Ion: 75 Resp: 67386

Ion Ratio Lower Upper

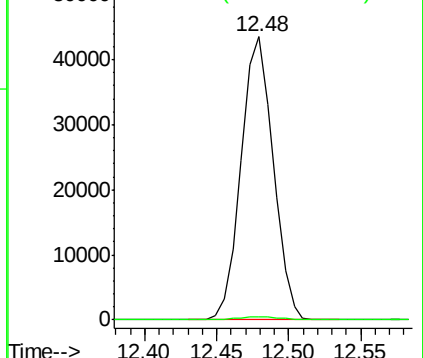
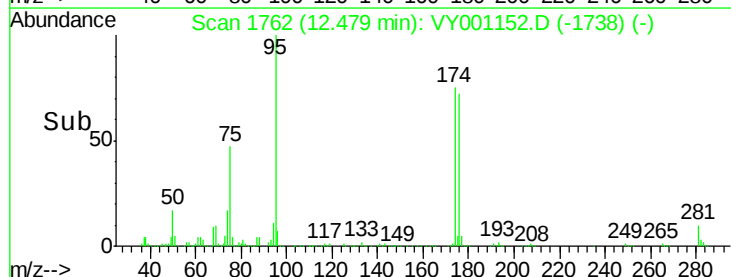
75 100

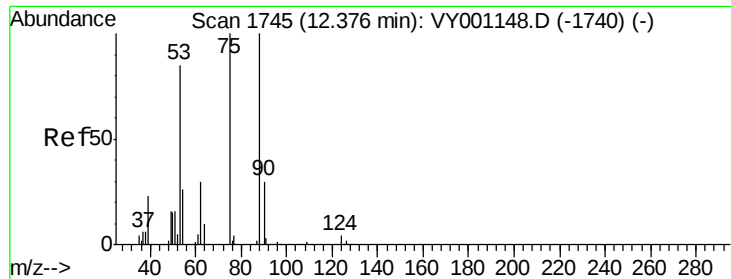
77 1.5 0.0 0.0#



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: 80.984 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY001152.D

Acq: 10 Jan 2020 16:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0110SBL01

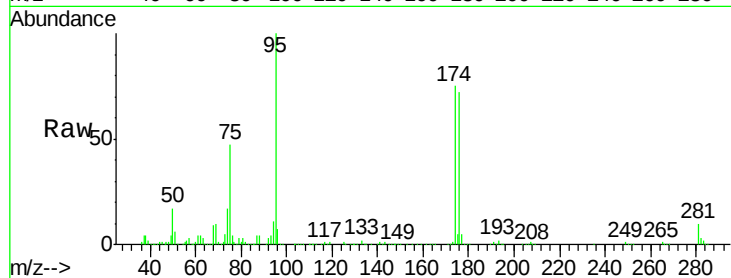
Tgt Ion: 75 Resp: 67386

Ion Ratio Lower Upper

75 100

53 0.2 69.4 104.2#

89 0.3 0.0 0.0#



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

