

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY032720\
 Data File : VY002095.D
 Acq On : 27 Mar 2020 11:13
 Operator : SY/MD
 Sample : VY0327SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBL01

Quant Time: Mar 30 03:21:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	135910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	261435	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	242480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	105437	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	86341	57.47	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	114.94%	
35) Dibromofluoromethane	7.73	113	77508	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	
50) Toluene-d8	10.19	98	320498	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
62) 4-Bromofluorobenzene	12.48	95	109762	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	

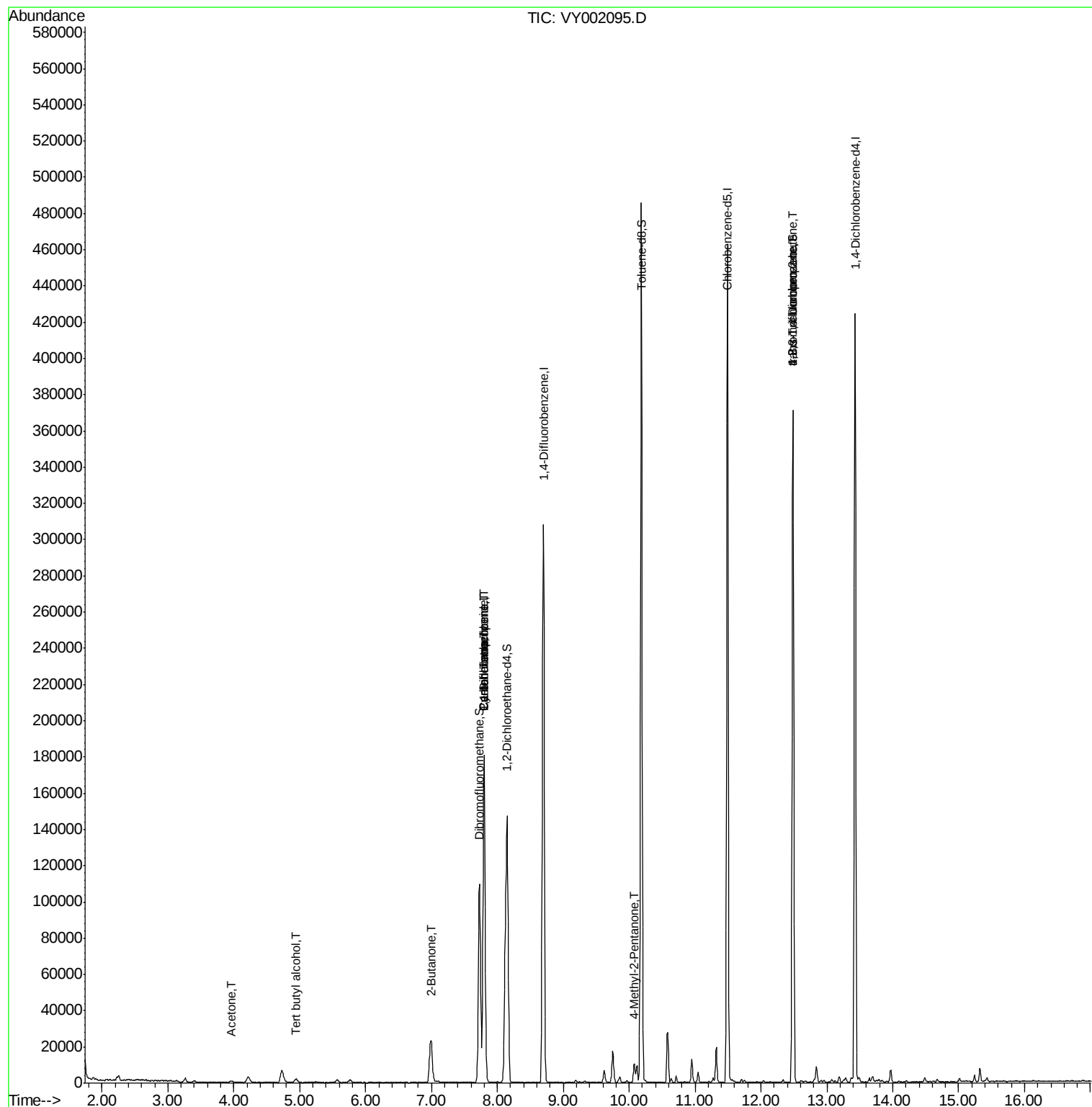
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	474	Below Cal		85
11) Tert butyl alcohol	4.93	59	1279	7.224	ug/l #	74
16) Acetone	3.96	43	1776	4.207	ug/l #	84
20) Methylene Chloride	4.72	84	2679	Below Cal	#	88
25) 2-Butanone	6.99	43	1640	2.530	ug/l #	84
31) Cyclohexane	7.80	56	3248	1.038	ug/l #	1
36) 1,1-Dichloropropene	7.79	75	11912	4.817	ug/l #	50
38) Carbon Tetrachloride	7.80	117	13222	6.302	ug/l #	20
51) 4-Methyl-2-Pentanone	10.08	43	8311	5.819	ug/l	100
76) 1,2,3-Trichloropropane	12.48	75	56659	48.040	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	56659	93.071	ug/l #	17

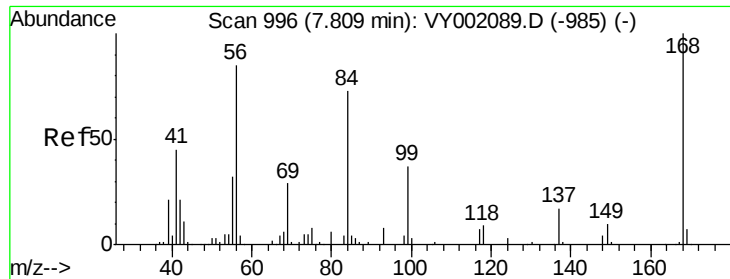
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY032720\
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Quant Time: Mar 30 03:21:05 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002095.D

Acq: 27 Mar 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

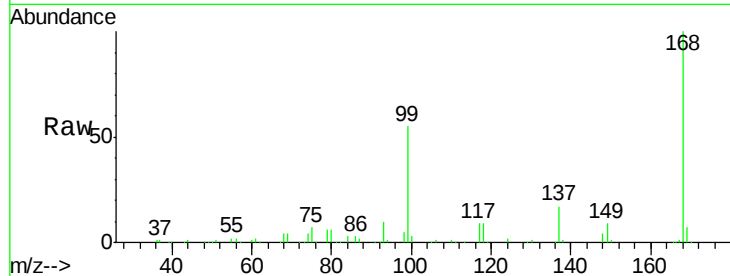
VY0327SBL01

Tgt Ion:168 Resp: 135910

Ion Ratio Lower Upper

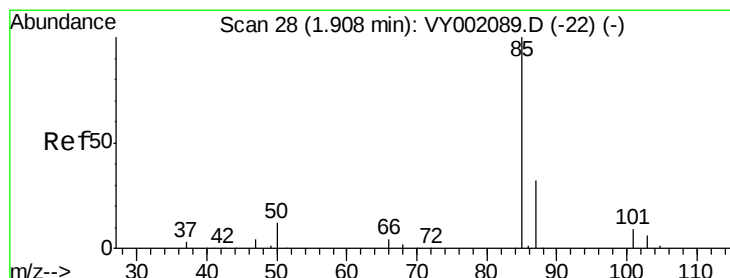
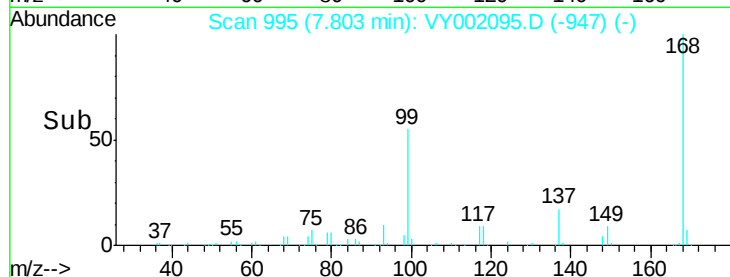
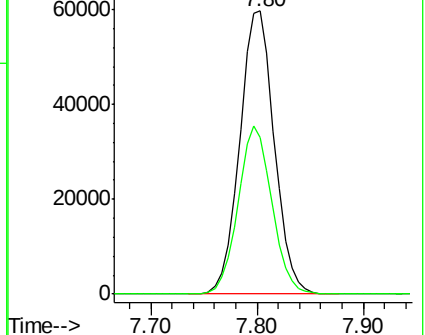
168 100

99 55.5 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002089.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002089.D (-985) (-)



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002095.D

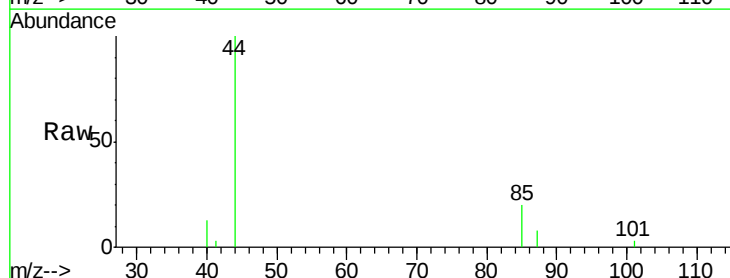
Acq: 27 Mar 2020 11:13

Tgt Ion: 85 Resp: 474

Ion Ratio Lower Upper

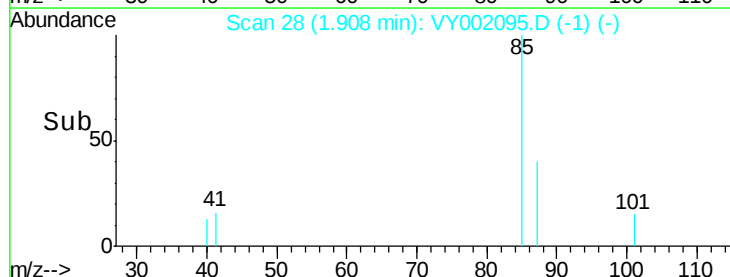
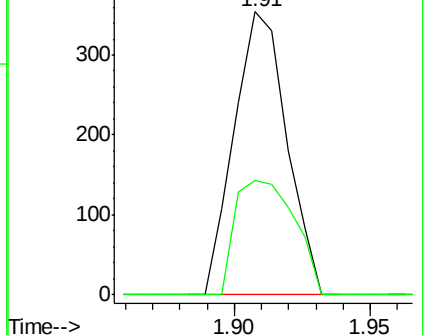
85 100

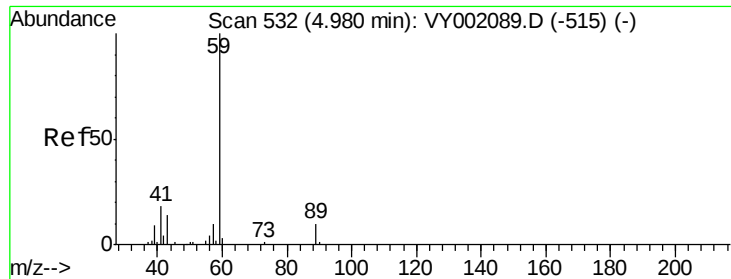
87 40.4 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY002089.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002089.D (-22) (-)

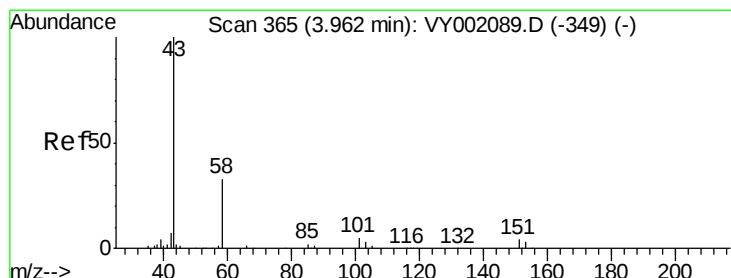
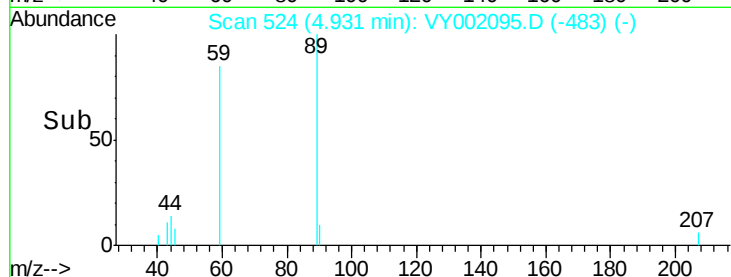
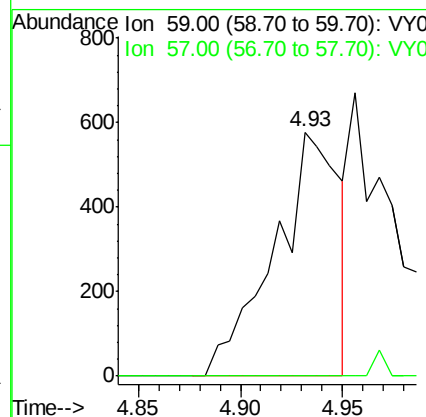
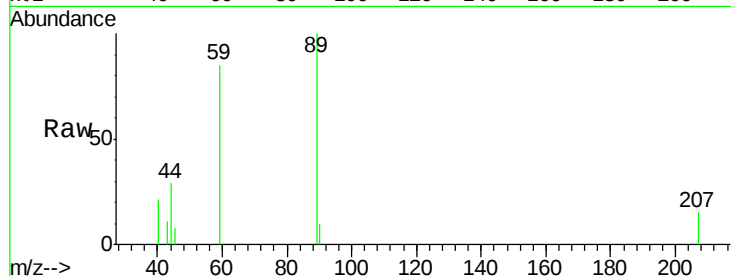




#11
Tert butyl alcohol
Concen: 7.224 ug/l
RT: 4.93 min Scan# 524
Delta R.T. -0.05 min
Lab File: VY002095.D
Acq: 27 Mar 2020 11:13

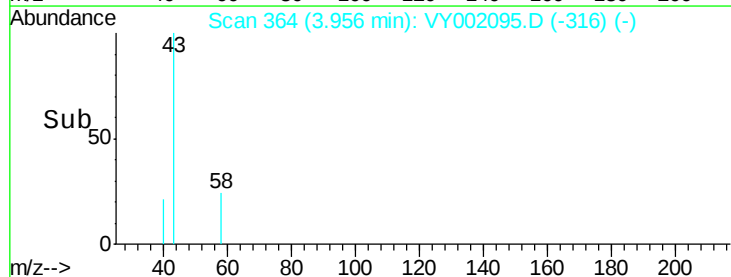
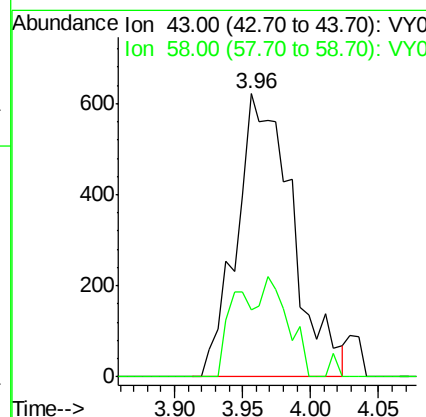
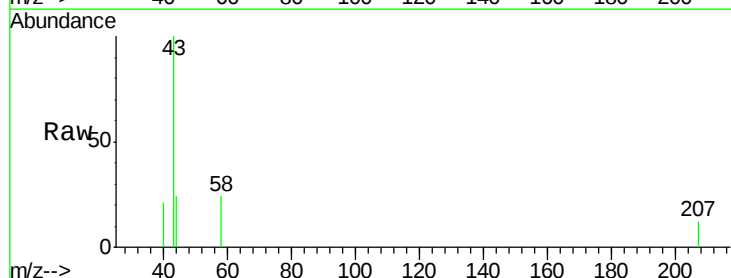
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBL01

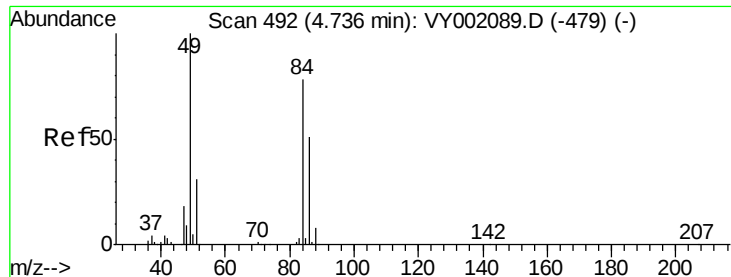
Tgt Ion: 59 Resp: 1279
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#16
Acetone
Concen: 4.207 ug/l
RT: 3.96 min Scan# 364
Delta R.T. -0.01 min
Lab File: VY002095.D
Acq: 27 Mar 2020 11:13

Tgt Ion: 43 Resp: 1776
Ion Ratio Lower Upper
43 100
58 23.8 26.3 39.5#

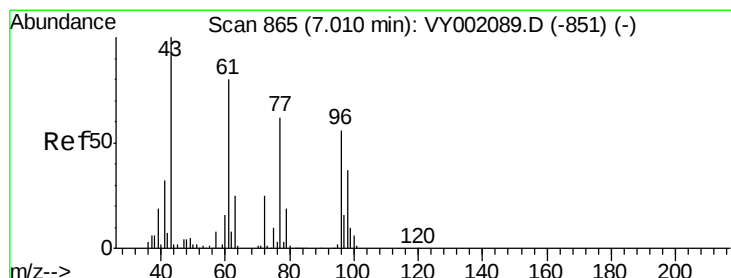
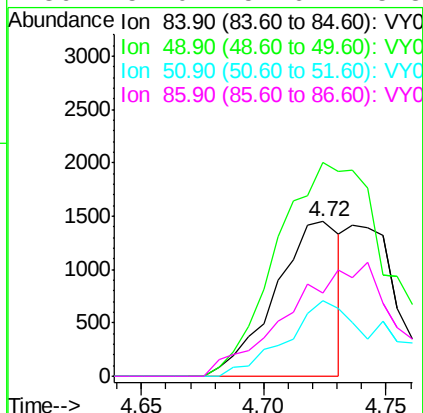
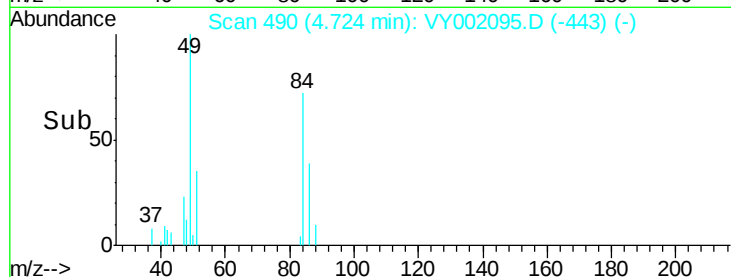
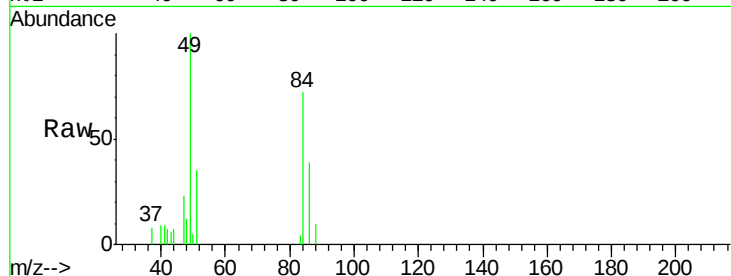




#20
Methylene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY002095.D
Acq: 27 Mar 2020 11:13

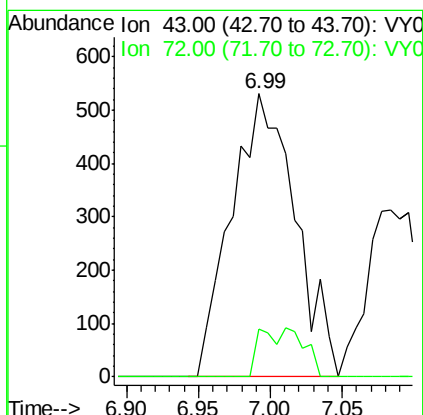
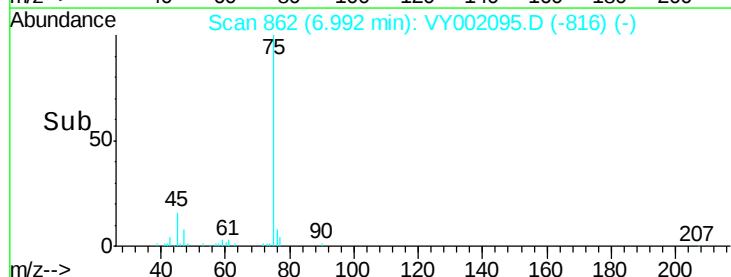
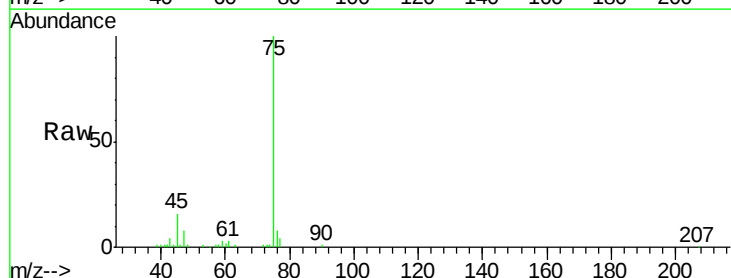
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBL01

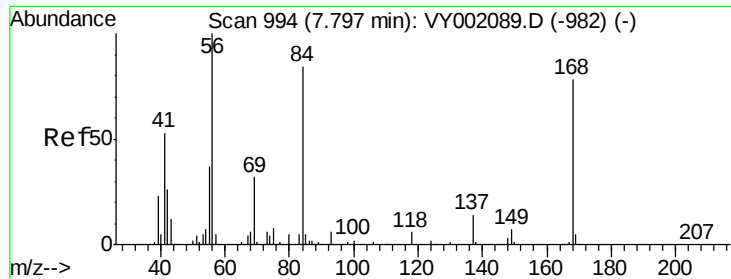
Tgt Ion: 84 Resp: 2679
Ion Ratio Lower Upper
84 100
49 138.3 102.2 153.4
51 48.9 31.2 46.8#
86 54.0 52.6 78.8



#25
2-Butanone
Concen: 2.530 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.02 min
Lab File: VY002095.D
Acq: 27 Mar 2020 11:13

Tgt Ion: 43 Resp: 1640
Ion Ratio Lower Upper
43 100
72 16.9 20.2 30.2#

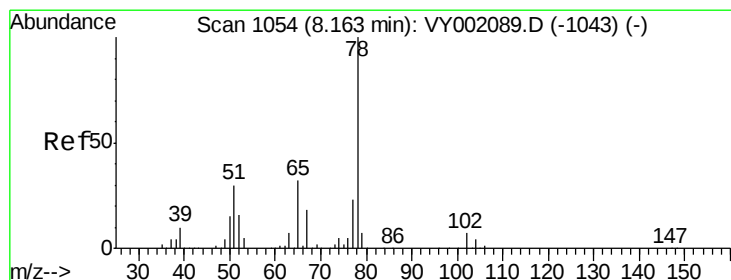
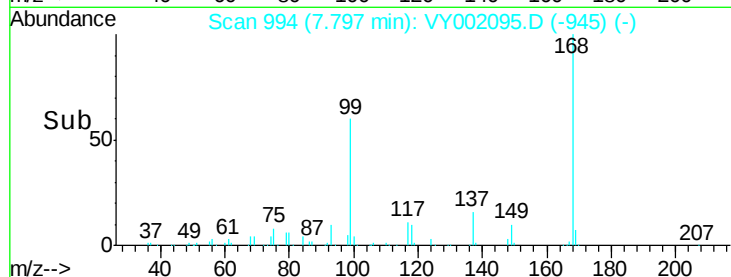
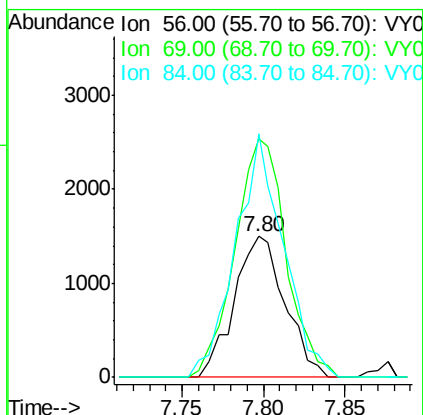
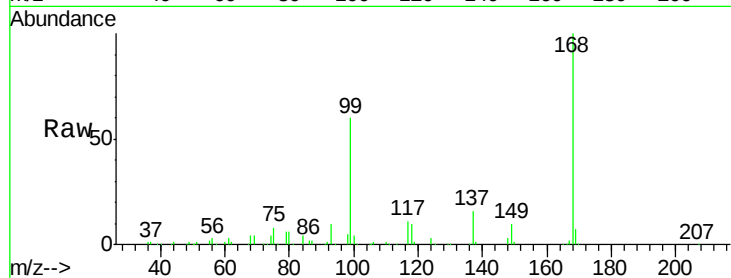




#31
Cyclohexane
Concen: 1.038 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.00 min
Lab File: VY002095.D
Acq: 27 Mar 2020 11:13

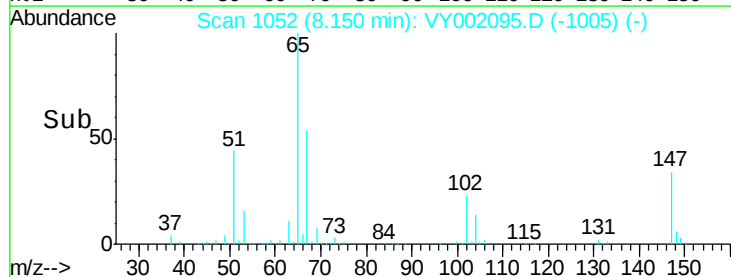
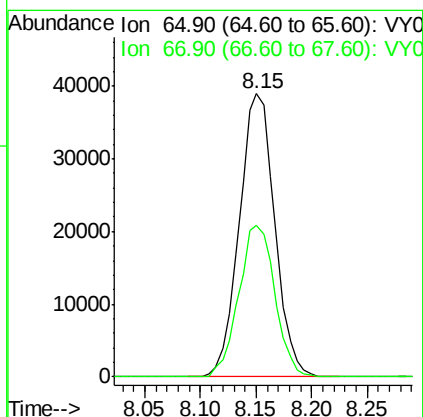
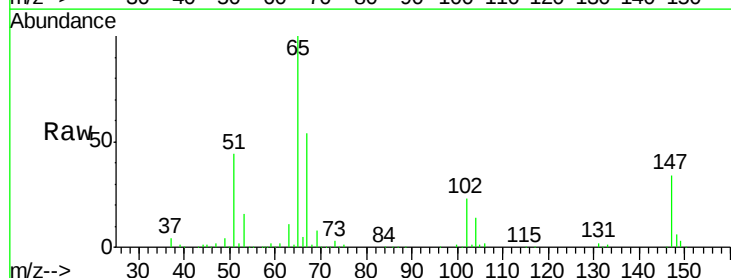
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBL01

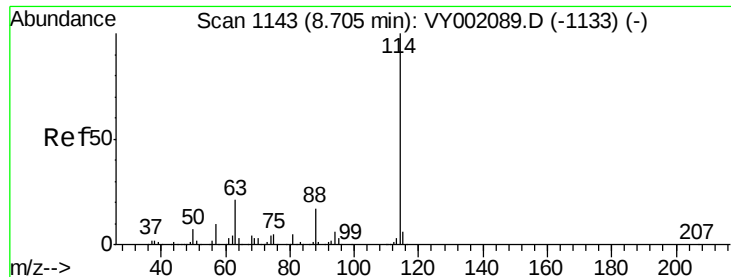
Tgt Ion: 56 Resp: 3248
Ion Ratio Lower Upper
56 100
69 168.6 25.8 38.8#
84 172.6 67.1 100.7#



#33
1,2-Dichloroethane-d4
Concen: 57.467 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VY002095.D
Acq: 27 Mar 2020 11:13

Tgt Ion: 65 Resp: 86341
Ion Ratio Lower Upper
65 100
67 54.6 0.0 112.8

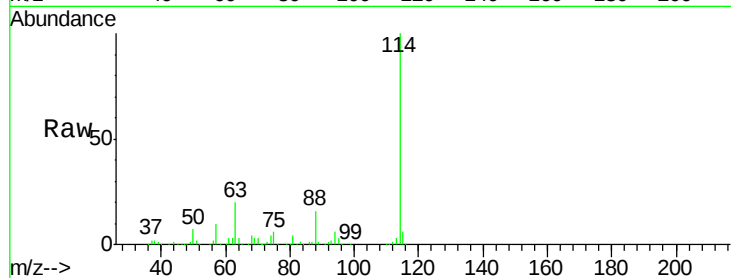




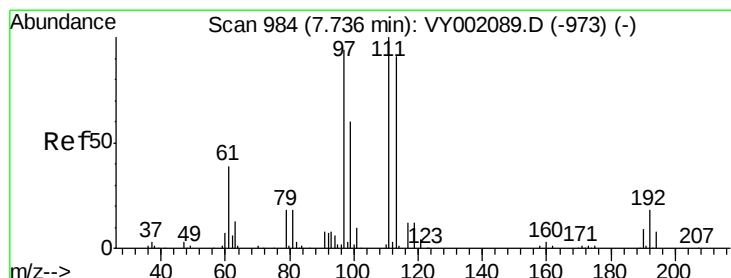
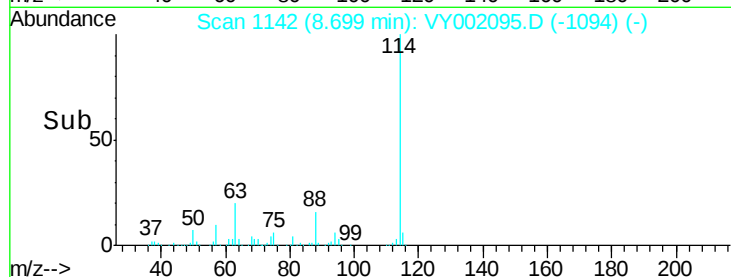
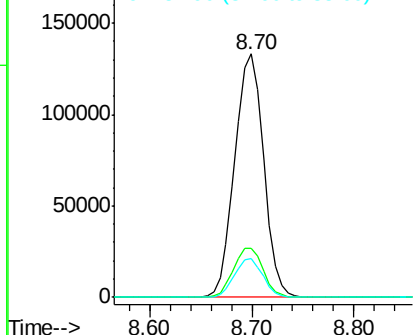
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY002095.D
Acq: 27 Mar 2020 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBL01

Tgt Ion:114 Resp: 261435
Ion Ratio Lower Upper
114 100
63 20.2 0.0 41.4
88 16.0 0.0 33.0

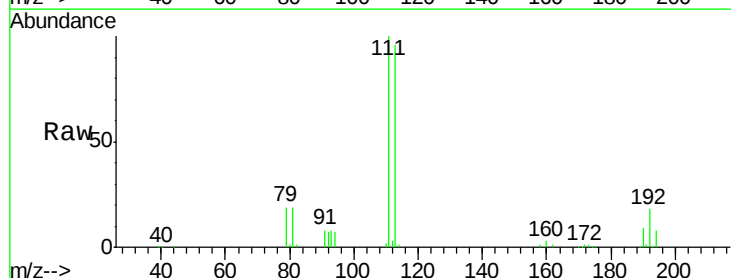


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

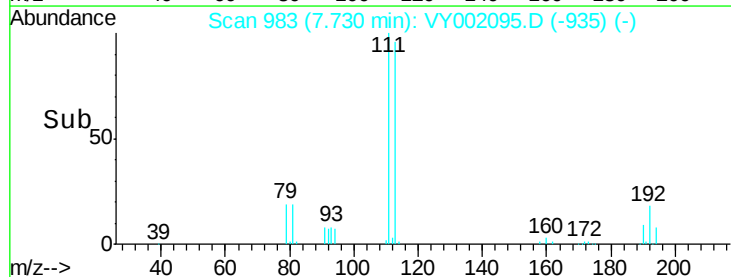
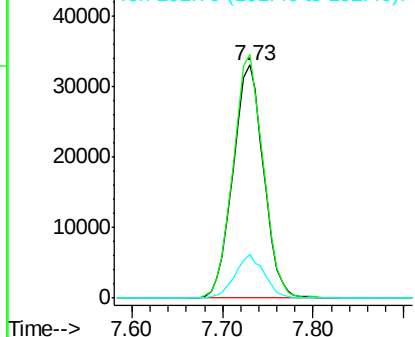


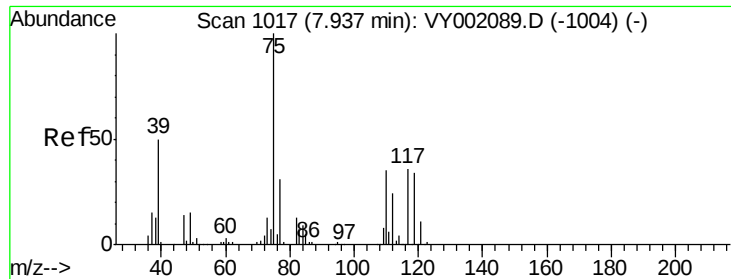
#35
Dibromofluoromethane
Concen: 52.912 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.01 min
Lab File: VY002095.D
Acq: 27 Mar 2020 11:13

Tgt Ion:113 Resp: 77508
Ion Ratio Lower Upper
113 100
111 102.6 84.4 126.6
192 17.9 14.6 21.8



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

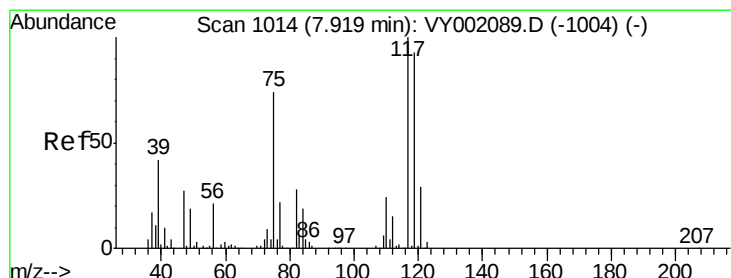
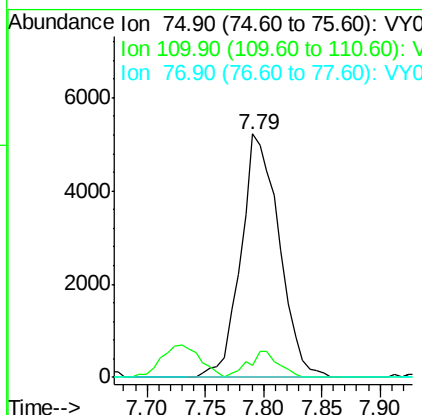
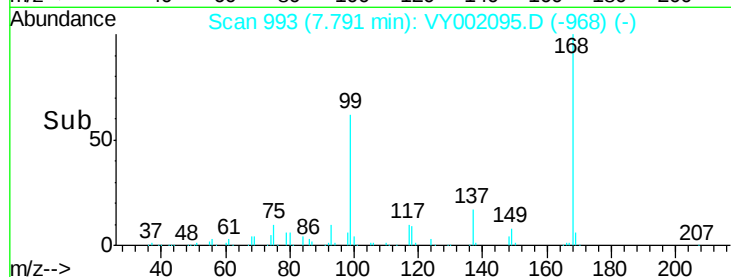
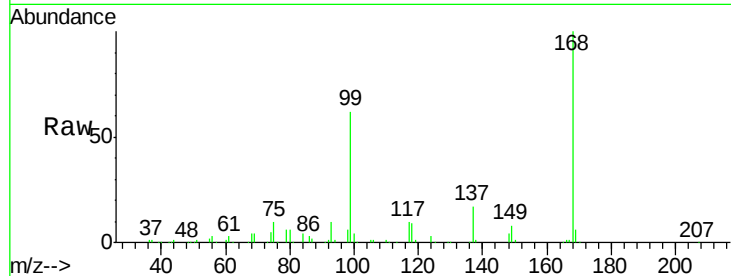




#36
 1,1-Dichloropropene
 Concen: 4.817 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.15 min
 Lab File: VY002095.D
 Acq: 27 Mar 2020 11:13

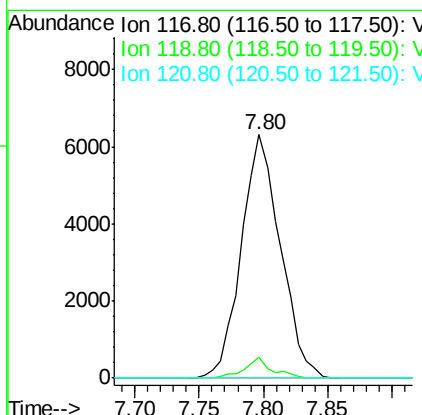
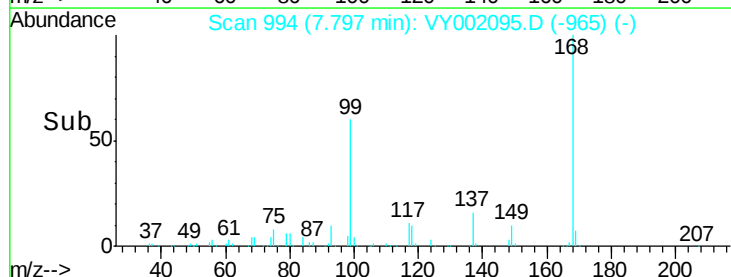
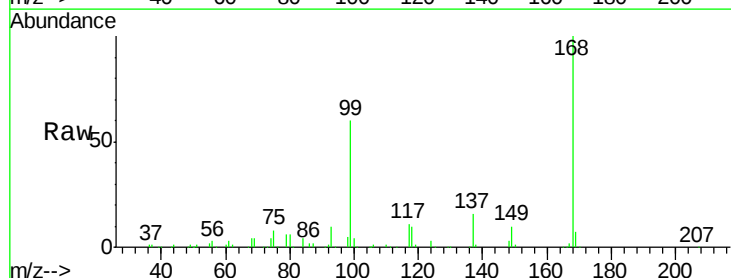
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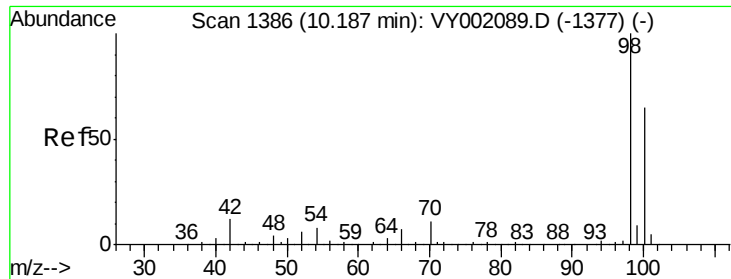
Tgt Ion: 75 Resp: 11912
 Ion Ratio Lower Upper
 75 100
 110 8.6 17.2 51.6#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.302 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.12 min
 Lab File: VY002095.D
 Acq: 27 Mar 2020 11:13

Tgt Ion: 117 Resp: 13222
 Ion Ratio Lower Upper
 117 100
 119 8.4 74.3 111.5#
 121 0.0 23.3 34.9#





#50

Toluene-d8

Concen: 52.667 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002095.D

Acq: 27 Mar 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

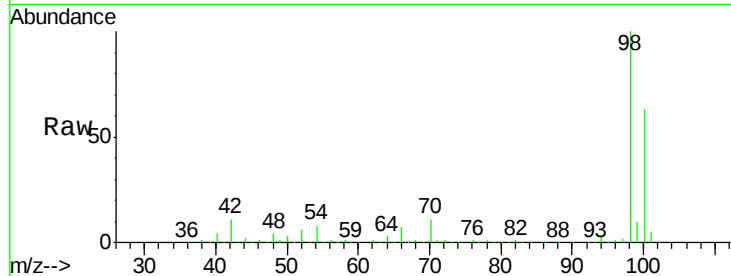
VY0327SBL01

Tgt Ion: 98 Resp: 320498

Ion Ratio Lower Upper

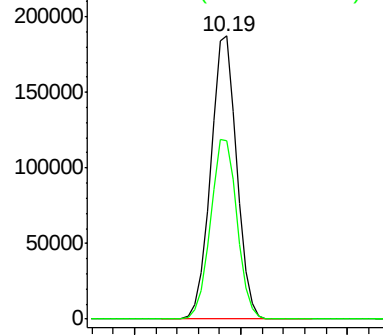
98 100

100 65.1 51.6 77.4

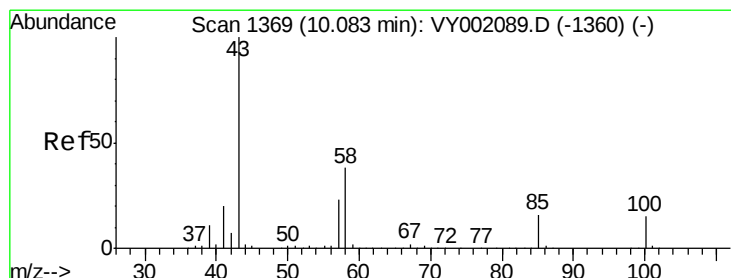
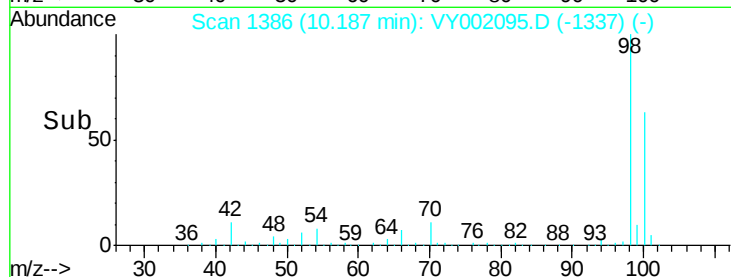


Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



Time-->



#51

4-Methyl-2-Pentanone

Concen: 5.819 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY002095.D

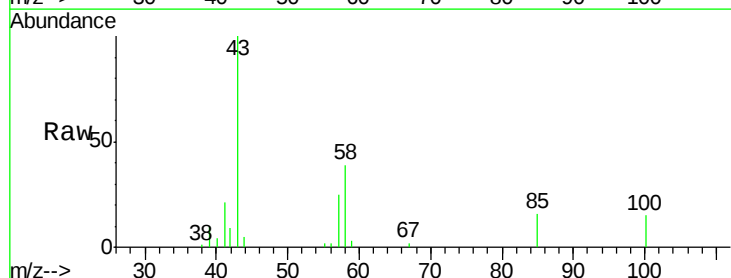
Acq: 27 Mar 2020 11:13

Tgt Ion: 43 Resp: 8311

Ion Ratio Lower Upper

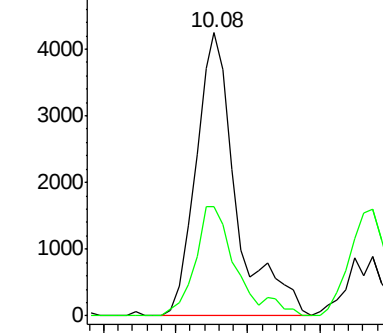
43 100

58 39.5 31.6 47.4

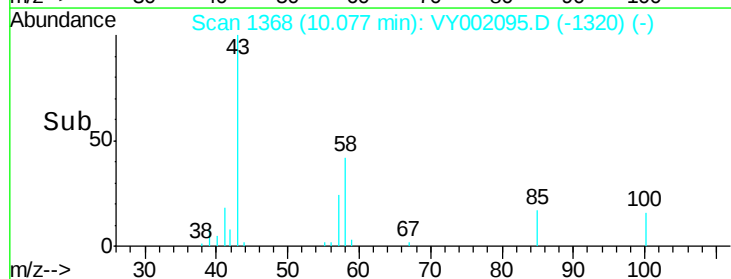


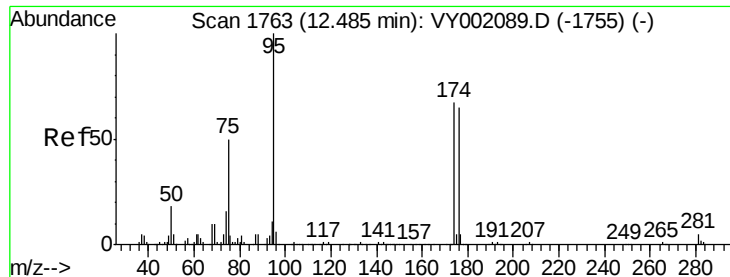
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



Time-->

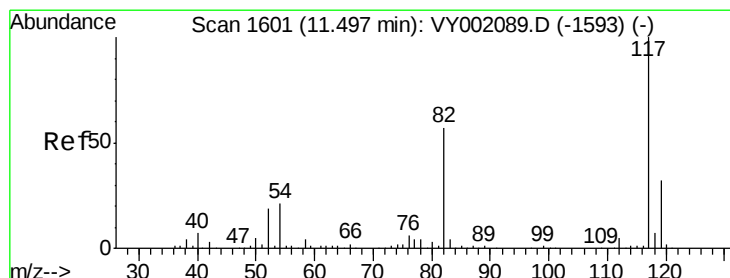
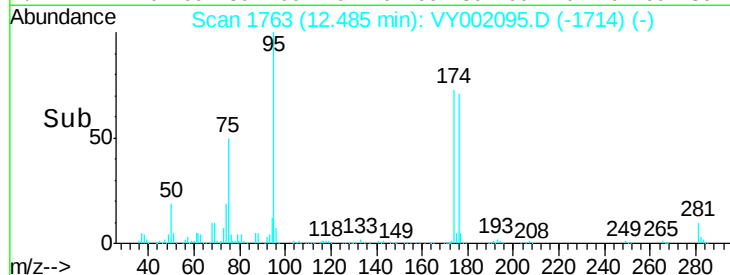
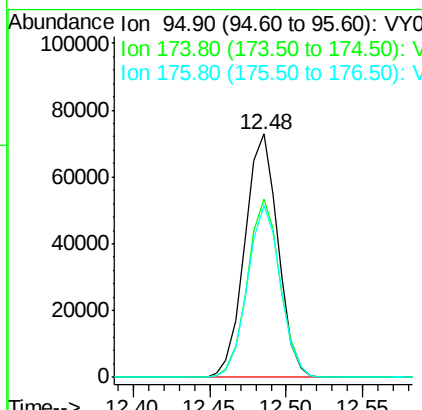
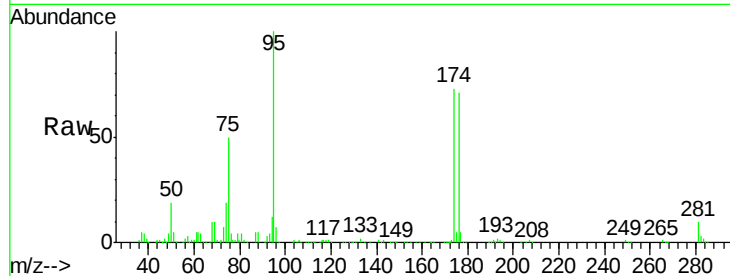




#62
4-Bromofluorobenzene
Concen: 51.574 ug/l
RT: 12.48 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VY002095.D
Acq: 27 Mar 2020 11:13

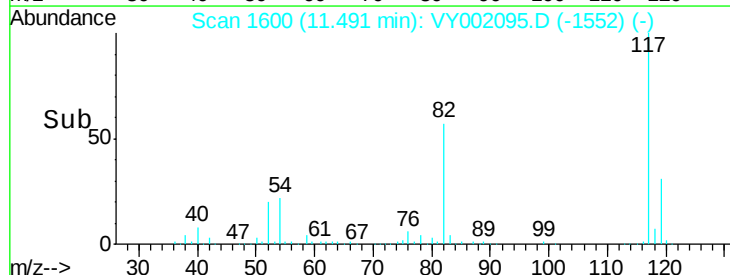
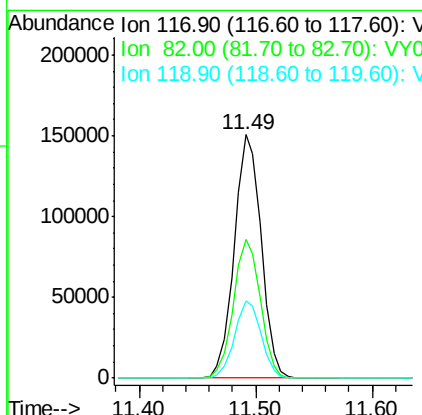
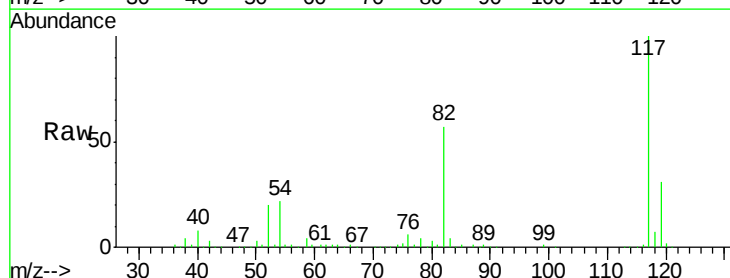
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBL01

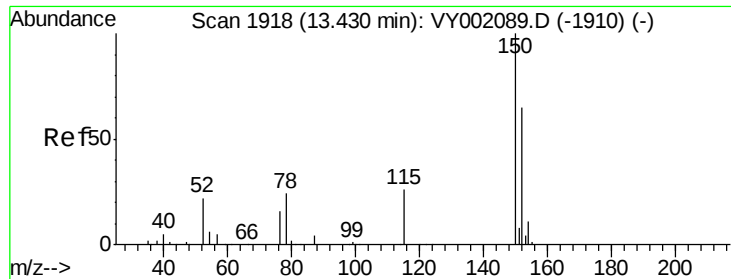
Tgt Ion: 95 Resp: 109762
Ion Ratio Lower Upper
95 100
174 72.7 0.0 143.4
176 70.2 0.0 137.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002095.D
Acq: 27 Mar 2020 11:13

Tgt Ion: 117 Resp: 242480
Ion Ratio Lower Upper
117 100
82 57.2 45.4 68.2
119 31.5 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002095.D

Acq: 27 Mar 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBL01

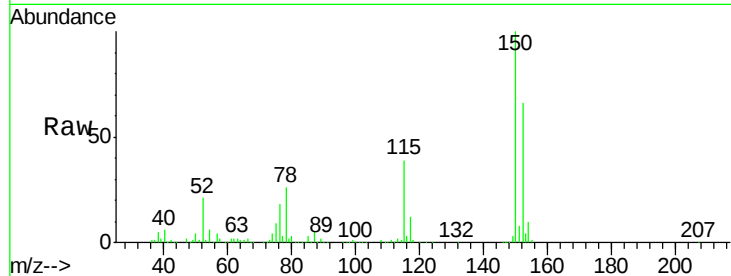
Tgt Ion:152 Resp: 105437

Ion Ratio Lower Upper

152 100

115 61.0 31.2 93.6

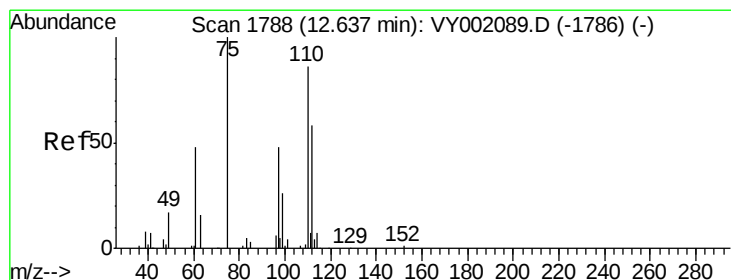
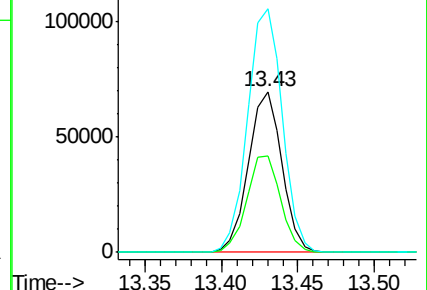
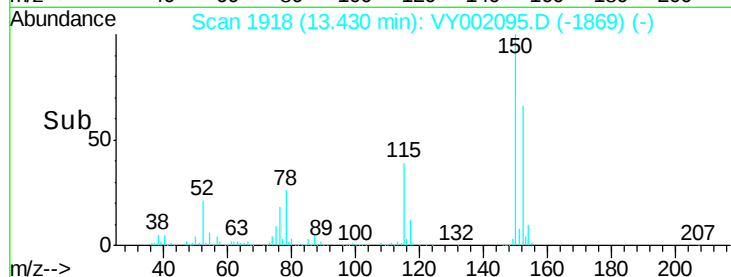
150 157.3 0.0 354.8



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: 48.040 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY002095.D

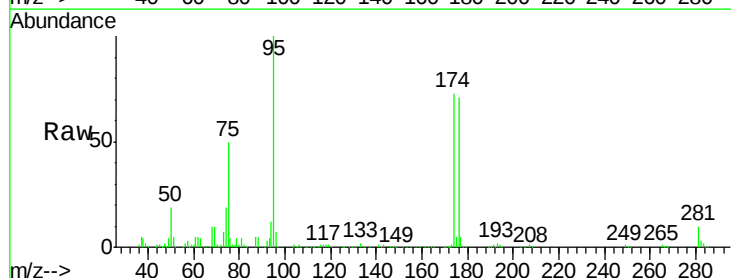
Acq: 27 Mar 2020 11:13

Tgt Ion: 75 Resp: 56659

Ion Ratio Lower Upper

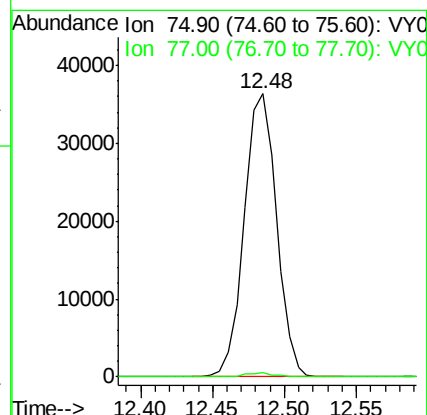
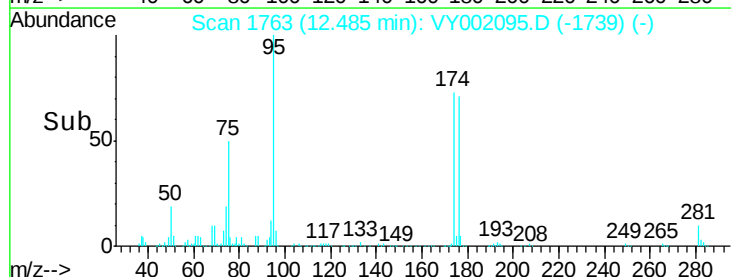
75 100

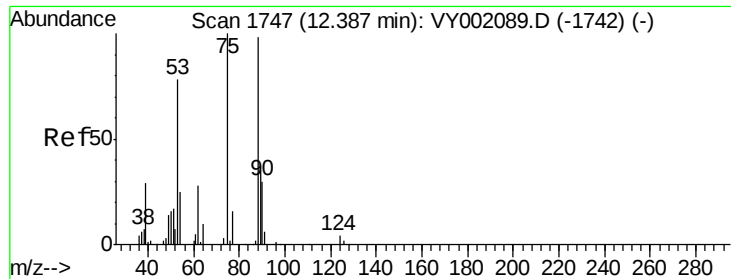
77 1.4 0.0 0.0#



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: 93.071 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002095.D

Acq: 27 Mar 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBL01

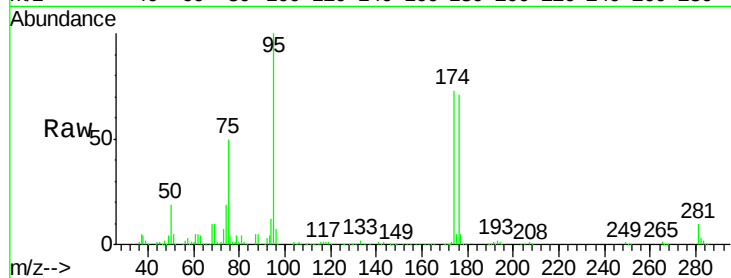
Tgt Ion: 75 Resp: 56659

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.4#

89 0.2 33.4 50.0#



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

