

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012220\
 Data File : VY001334.D
 Acq On : 22 Jan 2020 16:30
 Operator : SY/MD
 Sample : L1216-05
 Misc : 5.09G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 23 01:15:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:09:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	175977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	317229	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	293553	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	138609	50.00	ug/l	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	104986	54.83	ug/l	0.00
Spiked Amount						
			Recovery	=		109.66%
35) Dibromofluoromethane	7.75	113	95092	51.07	ug/l	0.00
Spiked Amount						
			Recovery	=		102.14%
50) Toluene-d8	10.19	98	373039	51.57	ug/l	-0.01
Spiked Amount						
			Recovery	=		103.14%
62) 4-Bromofluorobenzene	12.49	95	141112	48.99	ug/l	-0.02
Spiked Amount						
			Recovery	=		97.98%

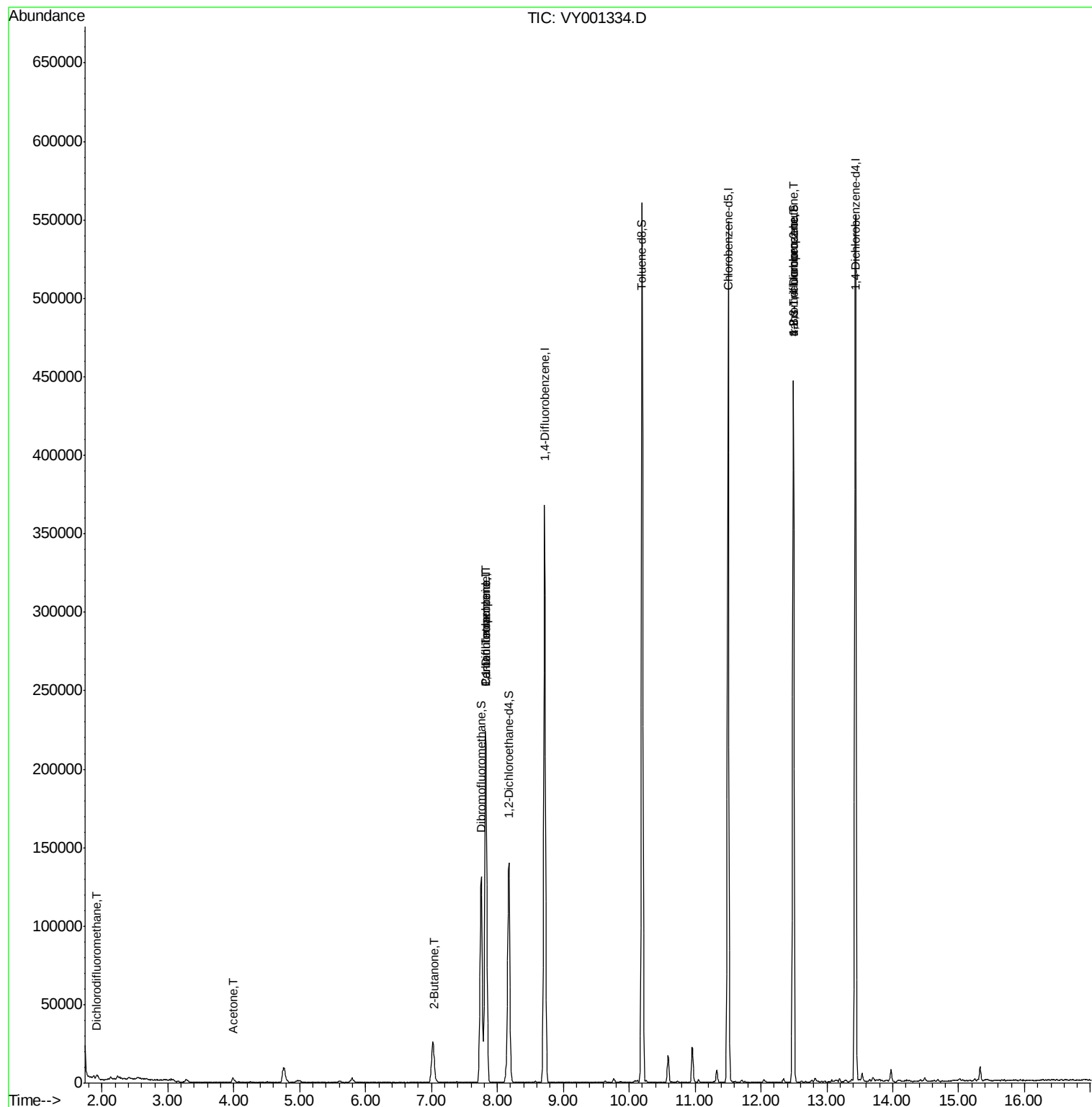
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.92	85	2090	1.506	ug/l	99
11) Tert butyl alcohol	4.99	59	2113	Below Cal	#	77
16) Acetone	3.99	43	5178	2.769	ug/l	96
20) Methylene Chloride	4.77	84	7501	Below Cal		85
25) 2-Butanone	7.04	43	2385	2.862	ug/l	# 88
36) 1,1-Dichloropropene	7.82	75	13198	4.404	ug/l	# 49
38) Carbon Tetrachloride	7.82	117	16707	6.255	ug/l	# 15
76) 1,2,3-Trichloropropane	12.49	75	70552	42.240	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.49	75	70552	79.936	ug/l	# 14

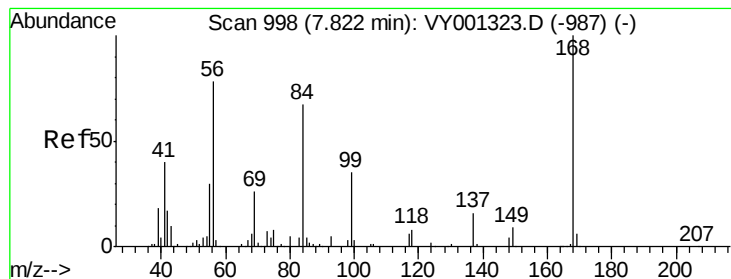
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 23 01:15:08 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:09:50 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.00 min

Lab File: VY001334.D

Acq: 22 Jan 2020 16:30

Instrument :

MSVOA_Y

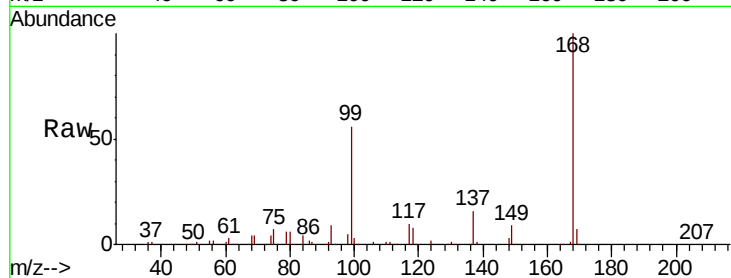
ClientSampled :

Tot Ion:168 Resp: 175977

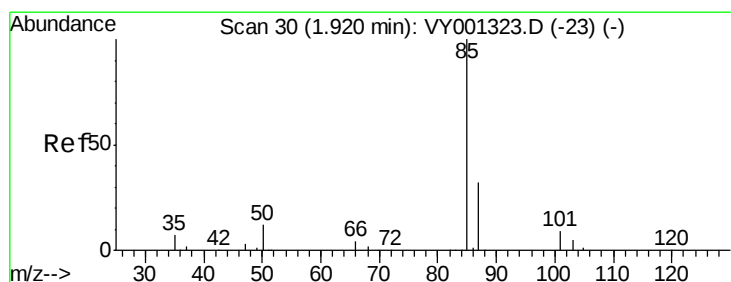
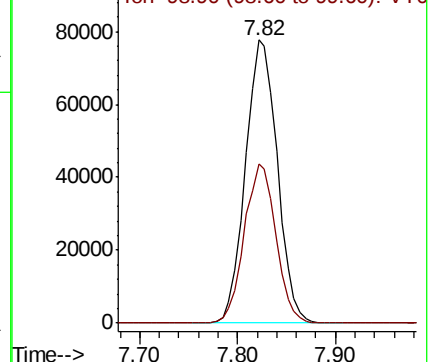
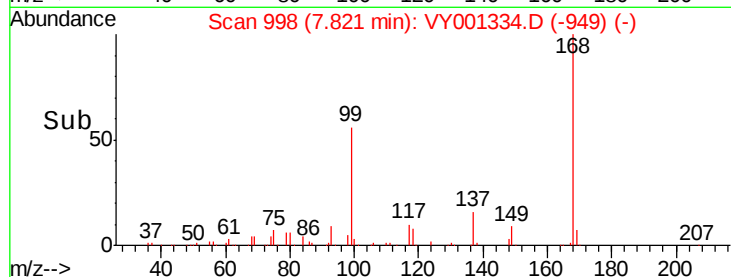
Ion Ratio Lower Upper

168 100

99 56.3 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)



#2

Dichlorodifluoromethane

Concen: 1.506 ug/l

RT: 1.92 min Scan# 30

Delta R.T. -0.00 min

Lab File: VY001334.D

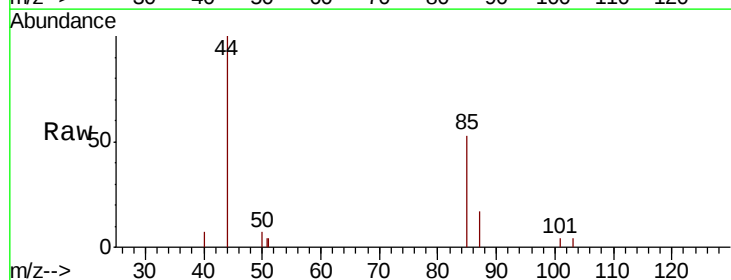
Acq: 22 Jan 2020 16:30

Tgt Ion: 85 Resp: 2090

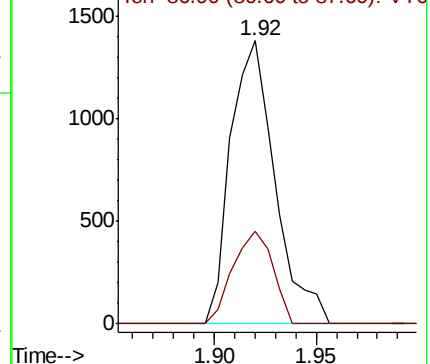
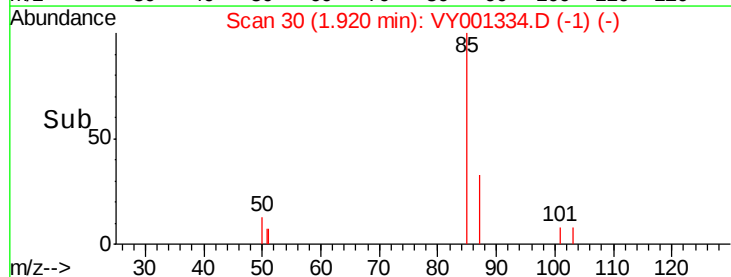
Ion Ratio Lower Upper

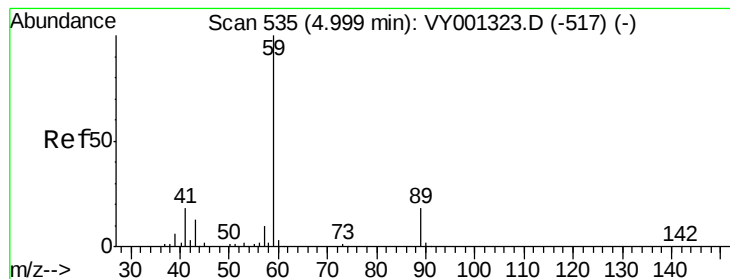
85 100

87 32.6 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY001323.D (-23) (-)



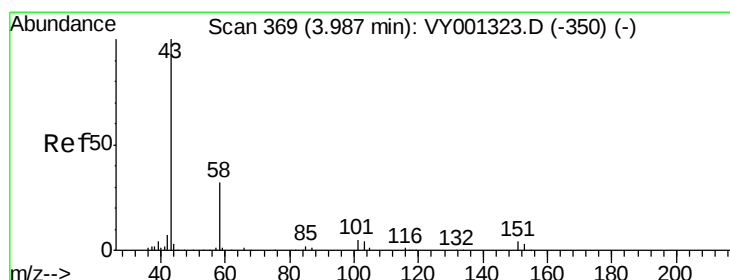
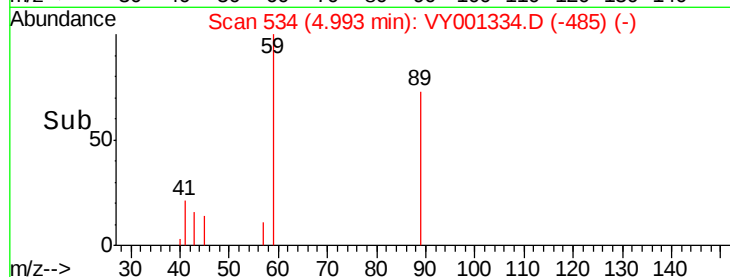
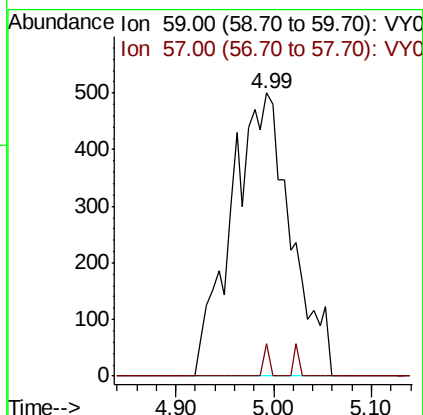
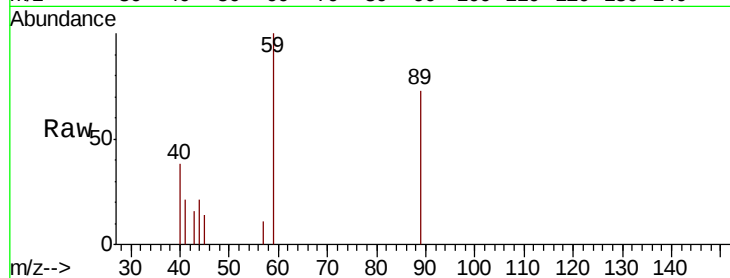


#11

Tert butyl alcohol
Concen: Below Cal
RT: 4.99 min Scan# 534
Delta R.T. -0.00 min
Lab File: VY001334.D
Acq: 22 Jan 2020 16:30

Instrument :
MSVOA_Y
ClientSampled :

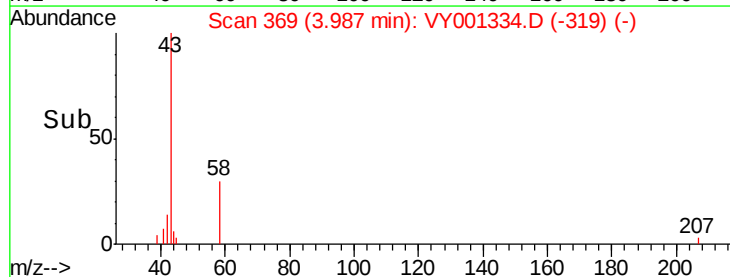
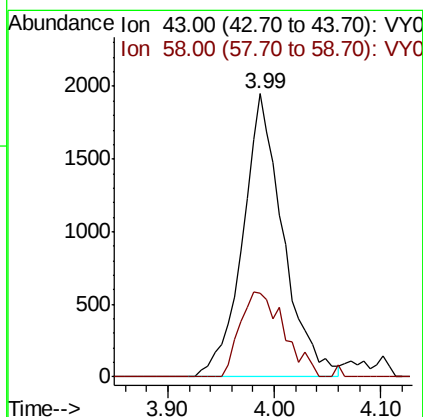
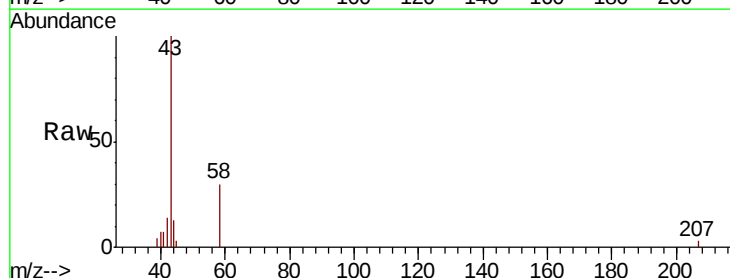
Tot Ion: 59 Resp: 2113
Ion Ratio Lower Upper
59 100
57 1.0 7.4 11.2#

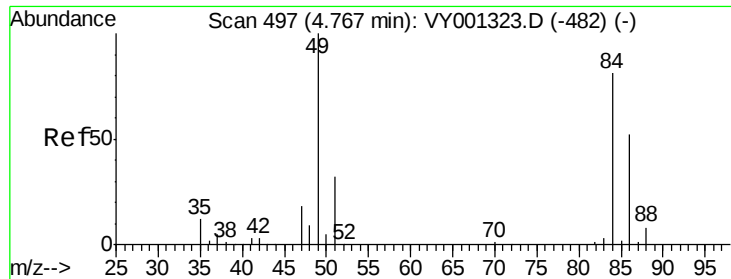


#16

Acetone
Concen: 2.769 ug/l
RT: 3.99 min Scan# 369
Delta R.T. 0.01 min
Lab File: VY001334.D
Acq: 22 Jan 2020 16:30

Tgt Ion: 43 Resp: 5178
Ion Ratio Lower Upper
43 100
58 29.6 25.4 38.0

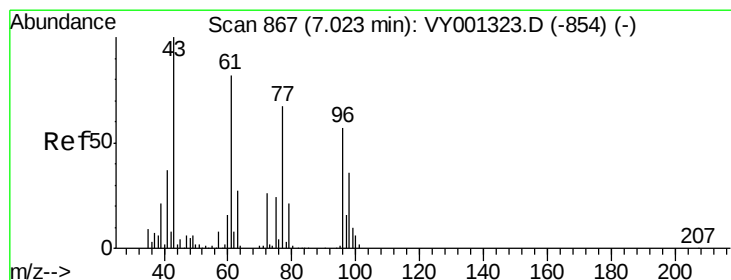
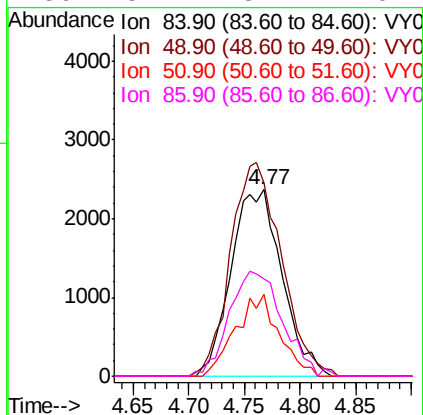
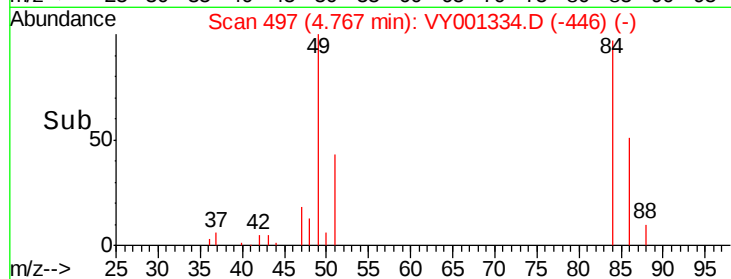
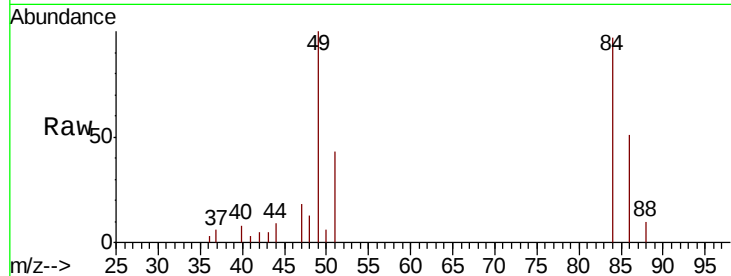




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.77 min Scan# 497
Delta R.T. 0.01 min
Lab File: VY001334.D
Acq: 22 Jan 2020 16:30

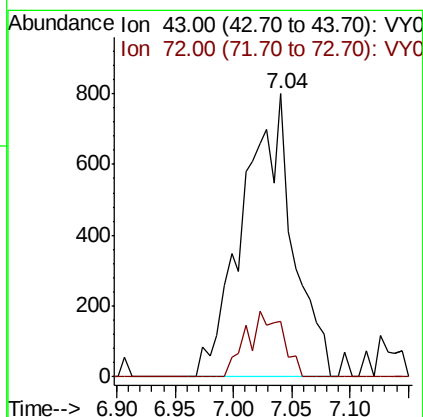
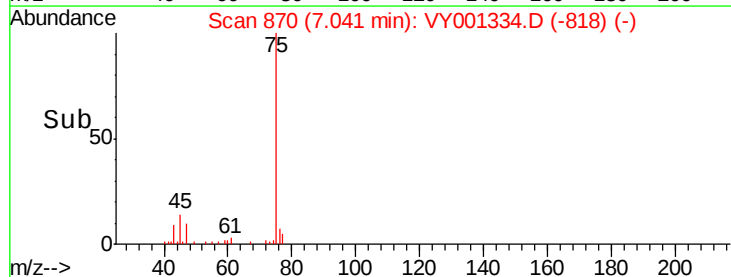
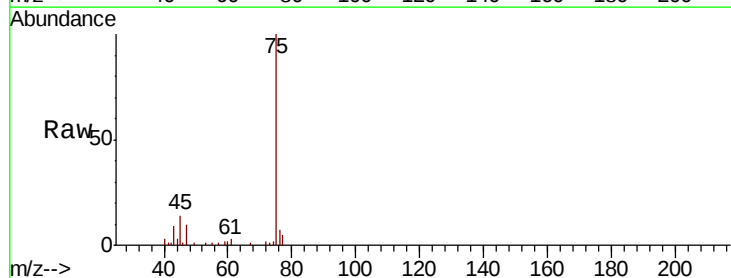
Instrument :
MSVOA_Y
ClientSampleId :

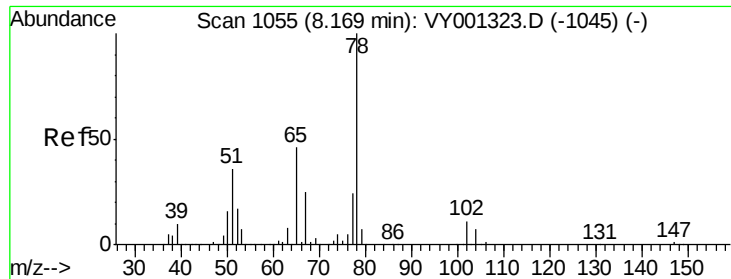
Tot Ion:	84	Resp:	7501
Ion	Ratio	Lower	Upper
84	100		
49	103.2	98.3	147.5
51	44.1	31.6	47.4
86	52.1	51.1	76.7



#25
2-Butanone
Concen: 2.862 ug/l
RT: 7.04 min Scan# 870
Delta R.T. 0.02 min
Lab File: VY001334.D
Acq: 22 Jan 2020 16:30

Tgt Ion:	43	Resp:	2385
Ion	Ratio	Lower	Upper
43	100		
72	19.5	20.6	31.0#

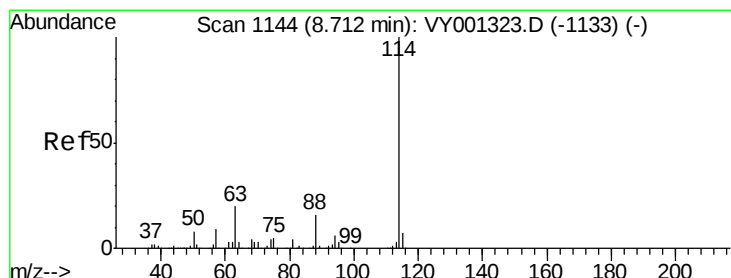
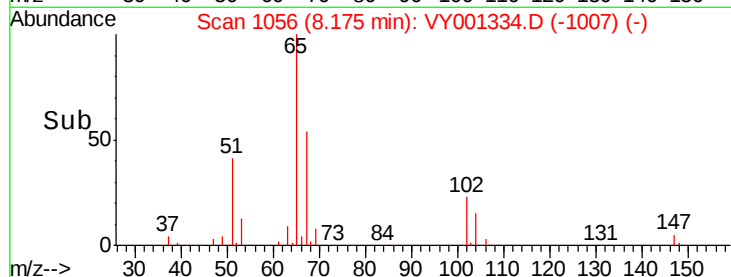
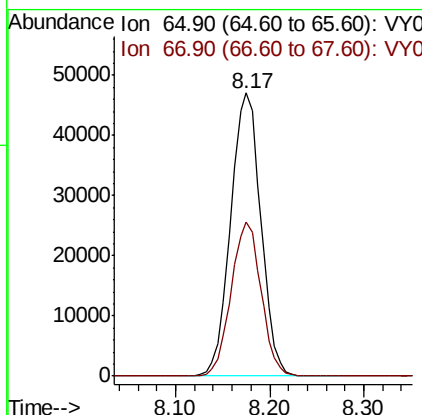
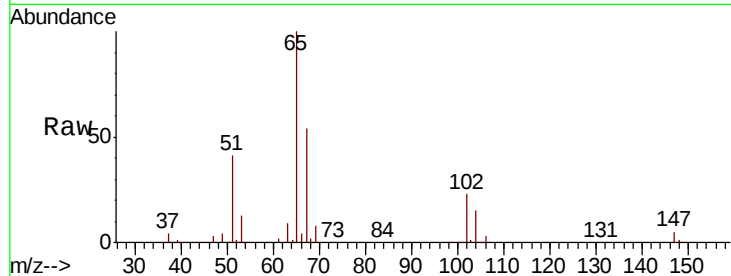




#33
 1,2-Dichloroethane-d4
 Concen: 54.827 ug/l
 RT: 8.17 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: VY001334.D
 Acq: 22 Jan 2020 16:30

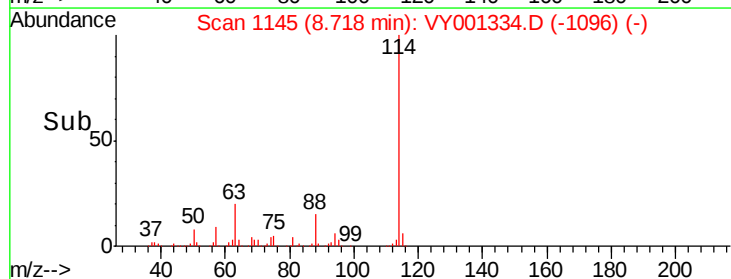
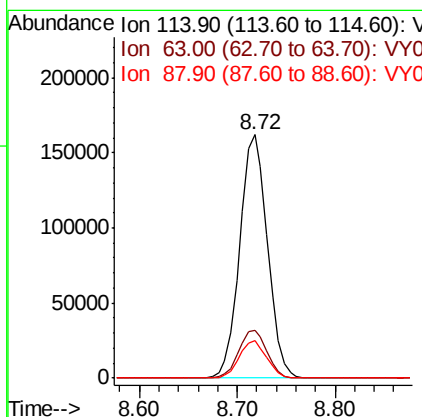
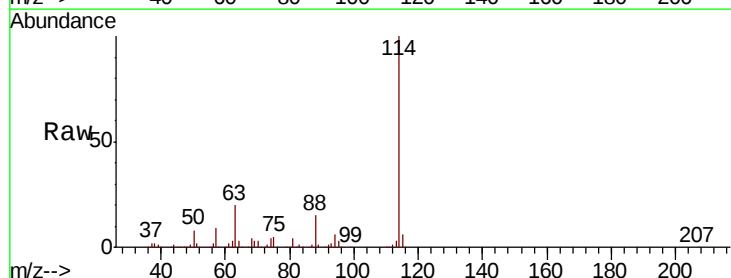
Instrument :
 MSVOA_Y
 ClientSampled :

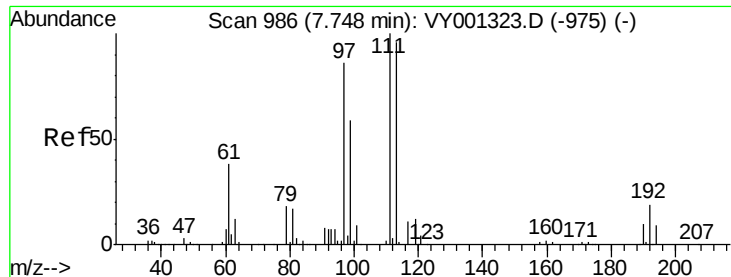
Tot Ion: 65 Resp: 104986
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. -0.00 min
 Lab File: VY001334.D
 Acq: 22 Jan 2020 16:30

Tgt Ion: 114 Resp: 317229
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.8
 88 15.4 0.0 31.0

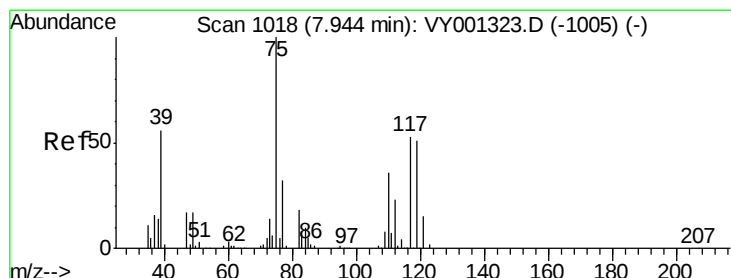
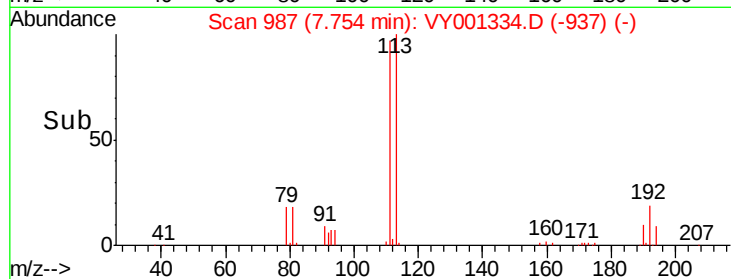
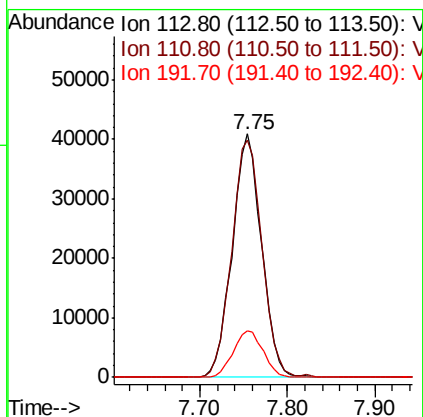
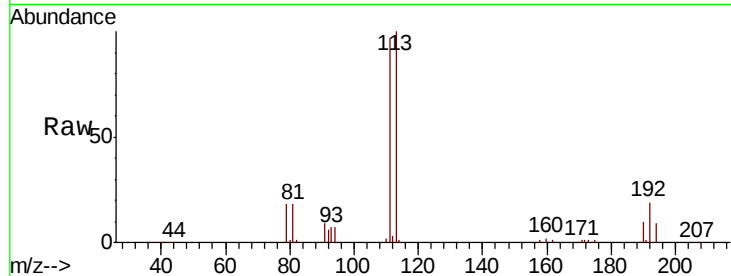




#35
 Dibromofluoromethane
 Concen: 51.074 ug/l
 RT: 7.75 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: VY001334.D
 Acq: 22 Jan 2020 16:30

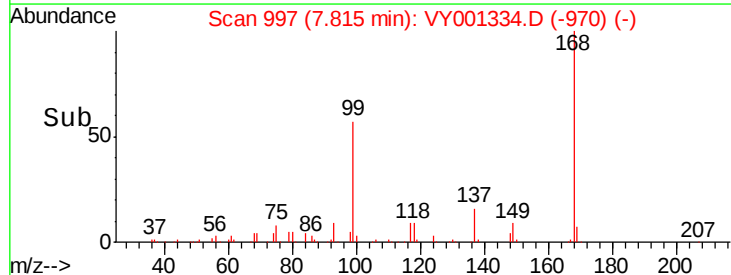
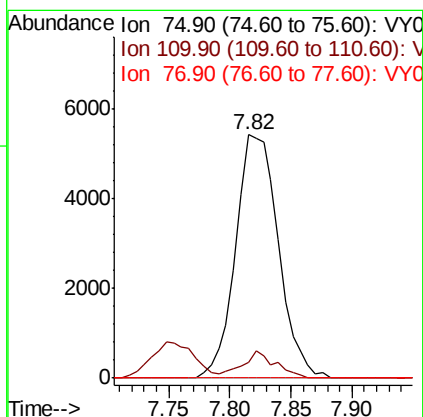
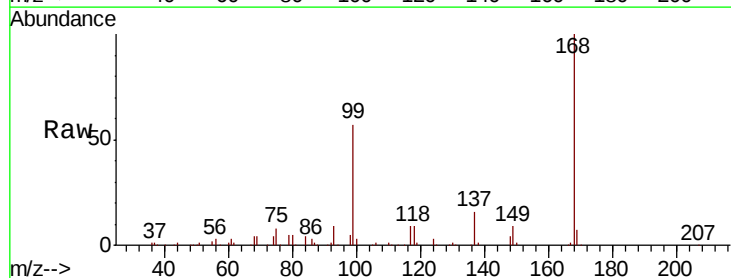
Instrument :
 MSVOA_Y
 ClientSampled :

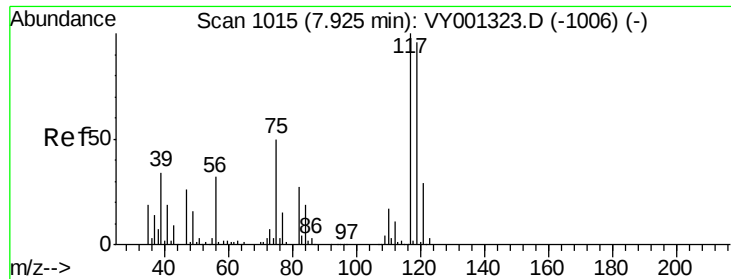
Tot Ion:113 Resp: 95092
 Ion Ratio Lower Upper
 113 100
 111 100.6 82.8 124.2
 192 19.4 15.5 23.3



#36
 1,1-Dichloropropene
 Concen: 4.404 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.13 min
 Lab File: VY001334.D
 Acq: 22 Jan 2020 16:30

Tgt Ion: 75 Resp: 13198
 Ion Ratio Lower Upper
 75 100
 110 8.5 17.6 52.8#
 77 0.0 24.7 37.1#

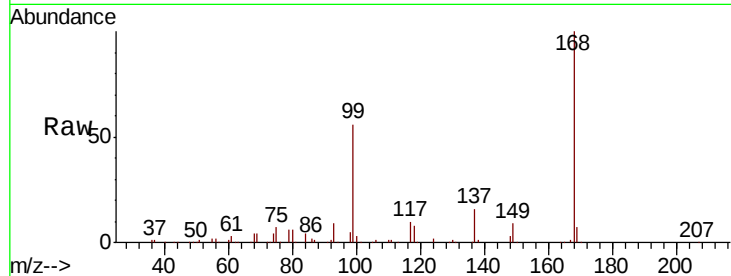




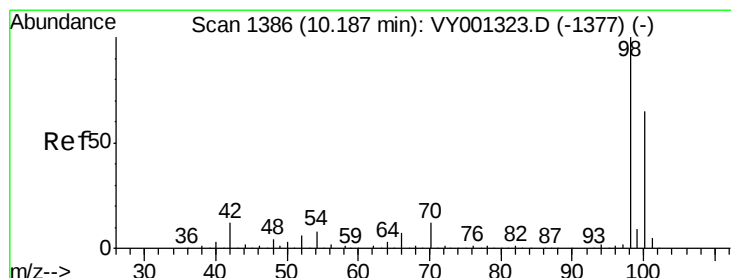
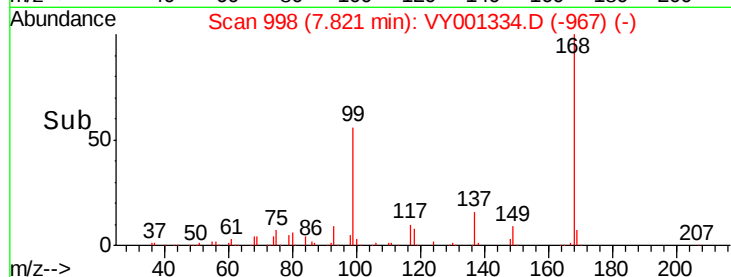
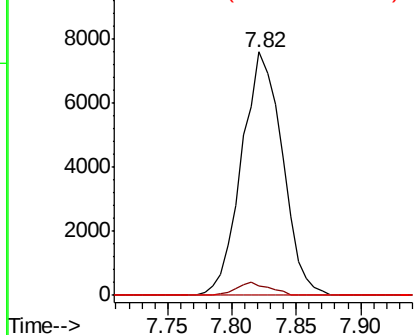
#38
Carbon Tetrachloride
Concen: 6.255 ug/l
RT: 7.82 min Scan# 998
Delta R.T. -0.11 min
Lab File: VY001334.D
Acq: 22 Jan 2020 16:30

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 16707
Ion Ratio Lower Upper
117 100
119 3.9 76.3 114.5#
121 0.0 23.5 35.3#

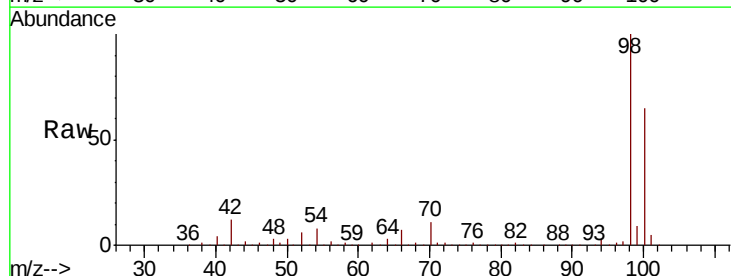


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

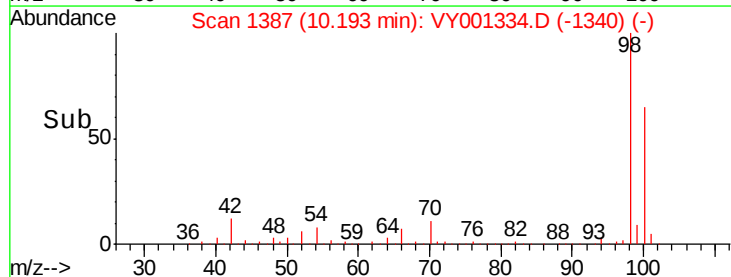
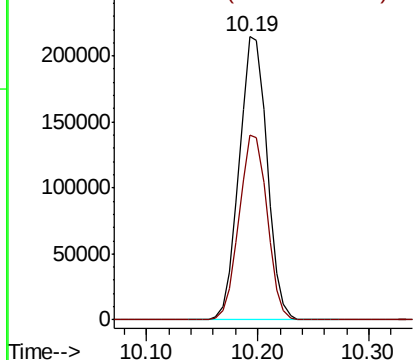


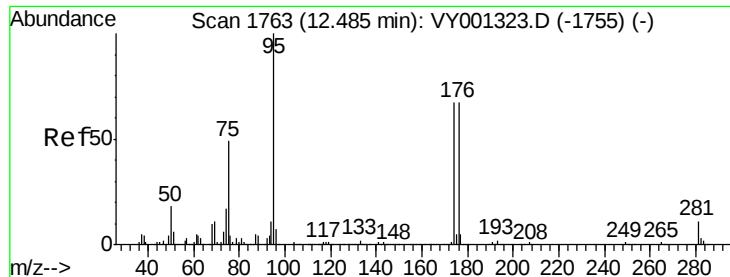
#50
Toluene-d8
Concen: 51.570 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VY001334.D
Acq: 22 Jan 2020 16:30

Tgt Ion: 98 Resp: 373039
Ion Ratio Lower Upper
98 100
100 65.9 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY

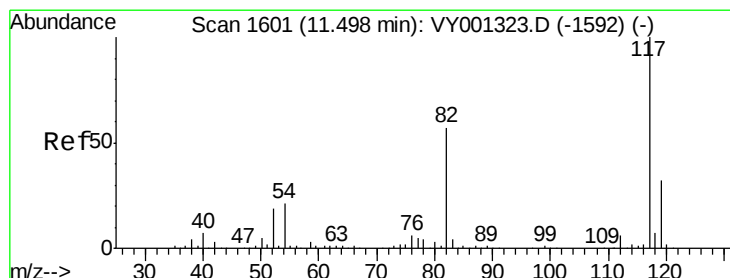
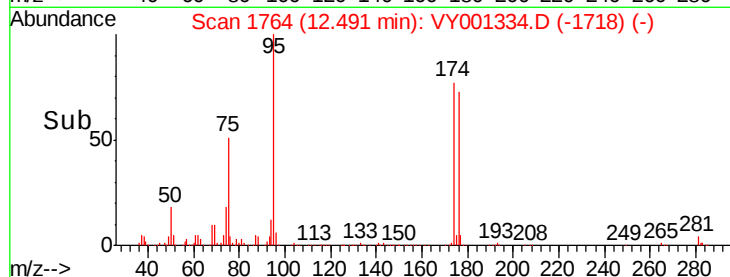
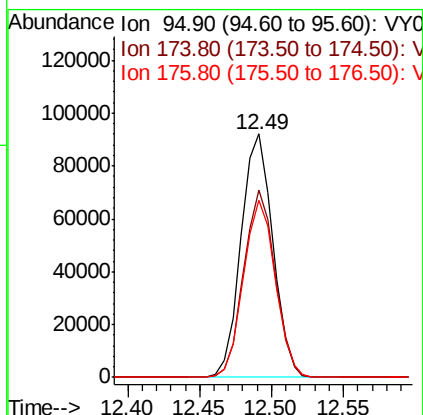
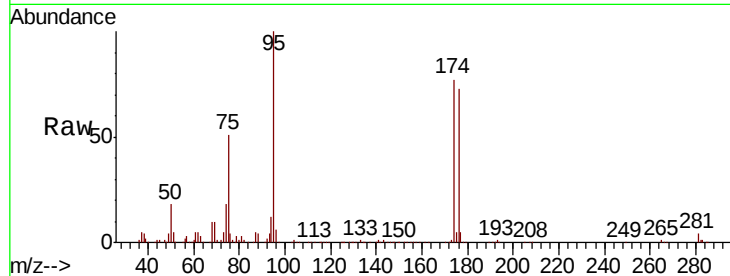




#62
4-Bromofluorobenzene
Concen: 48.985 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.02 min
Lab File: VY001334.D
Acq: 22 Jan 2020 16:30

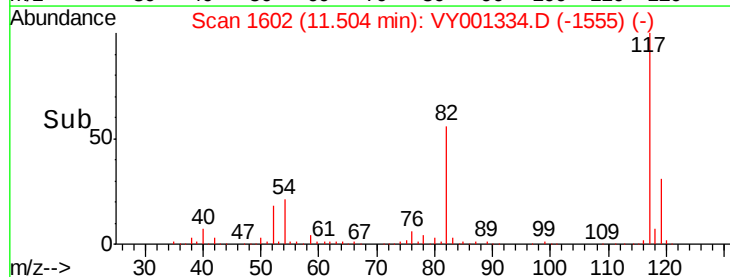
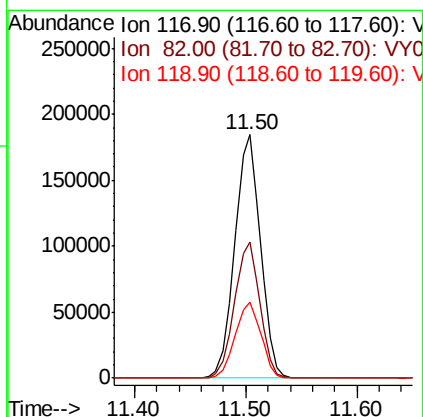
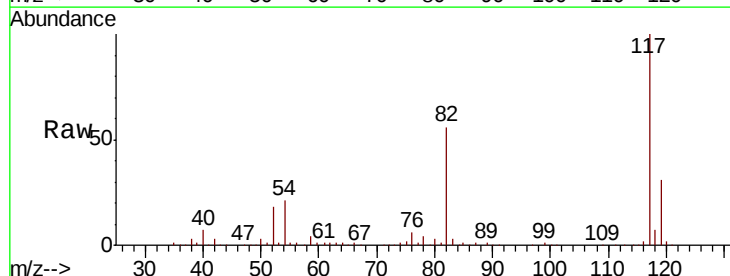
Instrument :
MSVOA_Y
ClientSampleId :

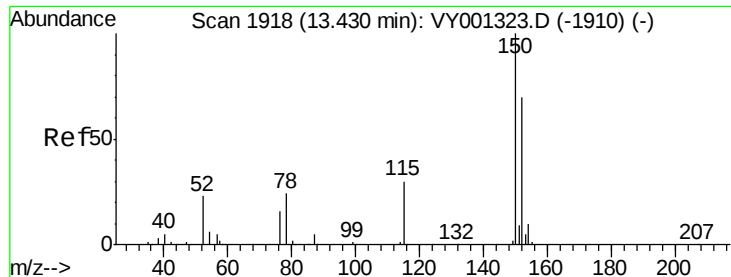
Tot Ion: 95 Resp: 141112
Ion Ratio Lower Upper
95 100
174 75.5 0.0 142.0
176 72.5 0.0 138.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: VY001334.D
Acq: 22 Jan 2020 16:30

Tgt Ion: 117 Resp: 293553
Ion Ratio Lower Upper
117 100
82 55.7 45.5 68.3
119 31.4 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. -0.03 min

Lab File: VY001334.D

Acq: 22 Jan 2020 16:30

Instrument :

MSVOA_Y

ClientSampleId :

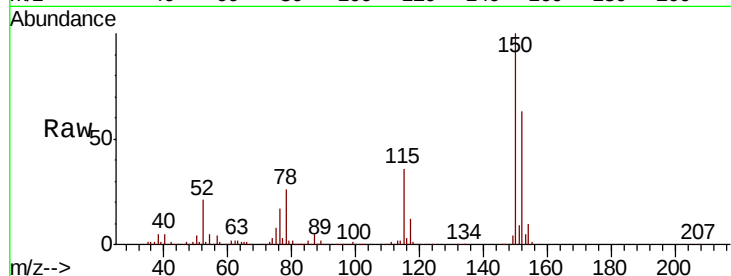
Tot Ion:152 Resp: 138609

Ion Ratio Lower Upper

152 100

115 60.3 30.9 92.8

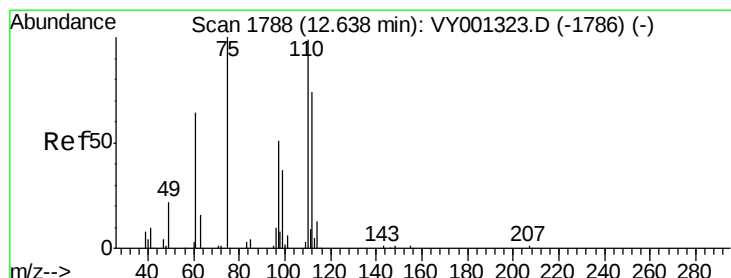
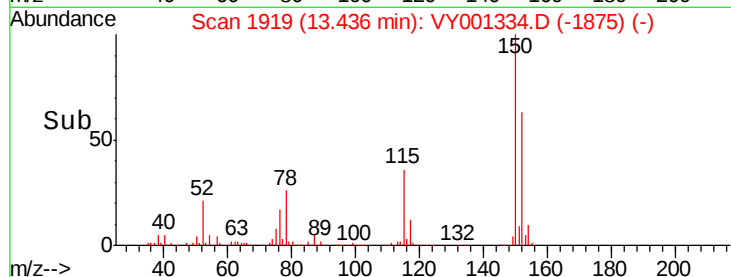
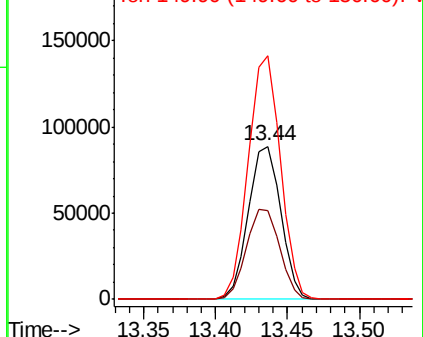
150 157.6 0.0 349.2



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: 42.240 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.17 min

Lab File: VY001334.D

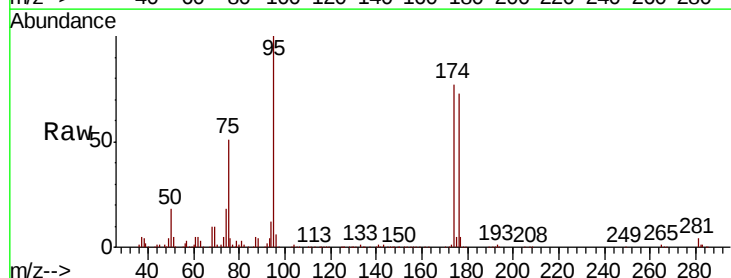
Acq: 22 Jan 2020 16:30

Tgt Ion: 75 Resp: 70552

Ion Ratio Lower Upper

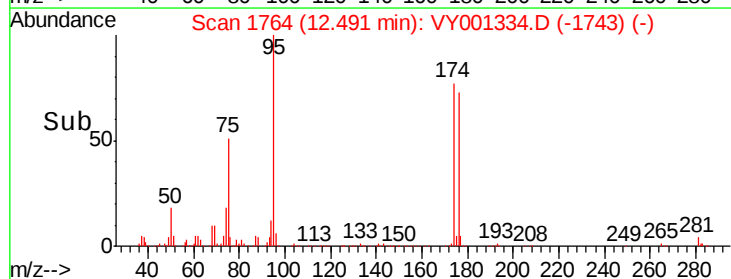
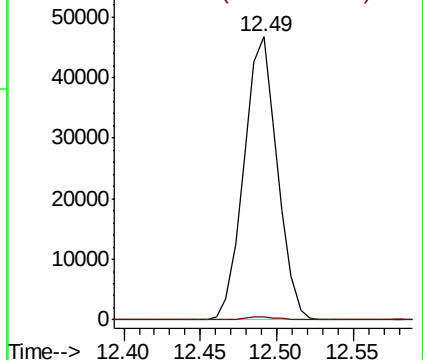
75 100

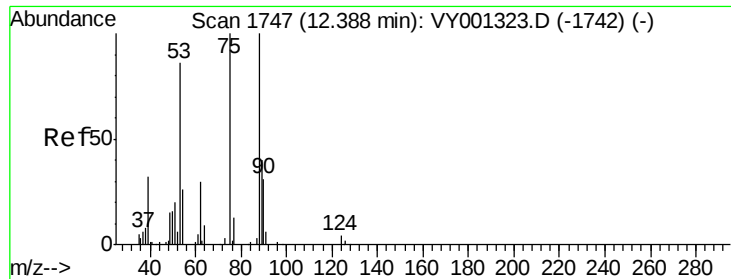
77 1.4 0.0 0.0#



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: 79.936 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.09 min

Lab File: VY001334.D

Acq: 22 Jan 2020 16:30

Instrument :

MSVOA_Y

ClientSampleId :

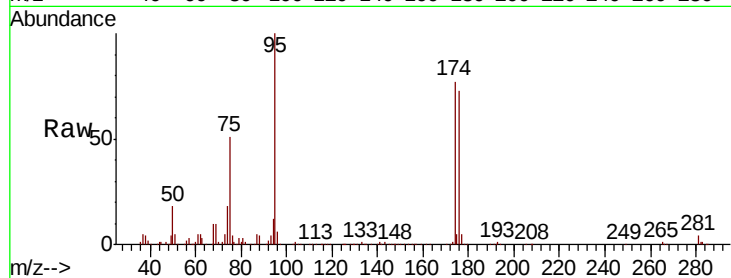
Tot Ion: 75 Resp: 70552

Ion Ratio Lower Upper

75 100

53 0.0 69.9 104.9#

89 0.2 36.6 54.8#



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

