

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY032720\
 Data File : VY002113.D
 Acq On : 27 Mar 2020 18:08
 Operator : SY/MD
 Sample : L2053-05
 Misc : 9.90G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-15-(3-4)

Quant Time: Mar 30 03:26:58 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

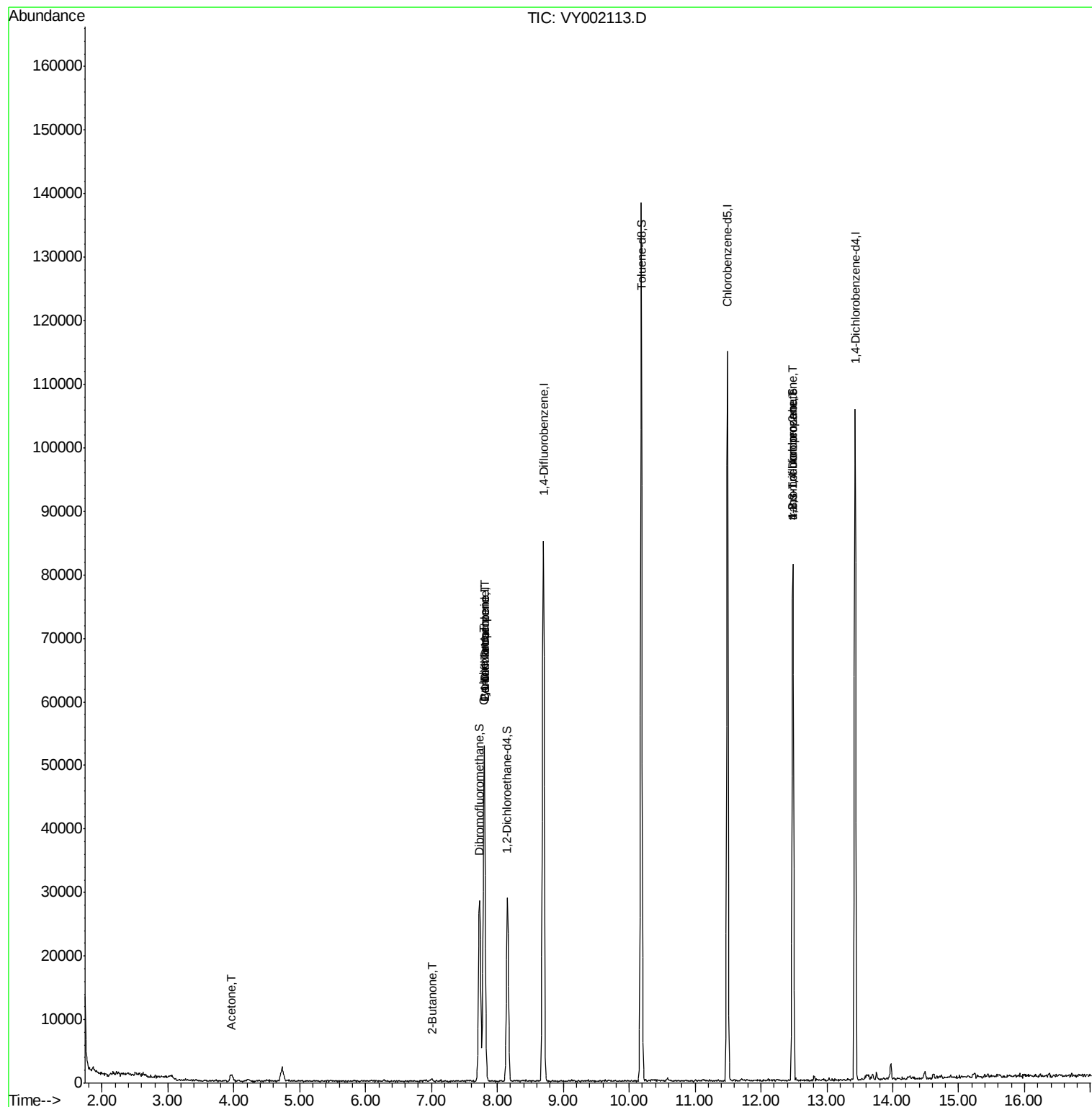
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	39175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	71444	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	61270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	25048	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	22011	50.83	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	101.66%	
35) Dibromofluoromethane	7.73	113	20798	51.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.90%	
50) Toluene-d8	10.18	98	87136	52.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.80%	
62) 4-Bromofluorobenzene	12.49	95	26269	45.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.34%	
Target Compounds						
16) Acetone	3.97	43	2083	17.120	ug/l	97
20) Methylene Chloride	4.74	84	1531	Below Cal	#	81
25) 2-Butanone	7.02	43	464	2.484	ug/l #	50
31) Cyclohexane	7.79	56	1078	1.195	ug/l #	36
36) 1,1-Dichloropropene	7.80	75	3680	5.446	ug/l #	46
38) Carbon Tetrachloride	7.80	117	3921	6.839	ug/l #	19
76) 1,2,3-Trichloropropane	12.49	75	13625	48.629	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	13625	94.211	ug/l #	17

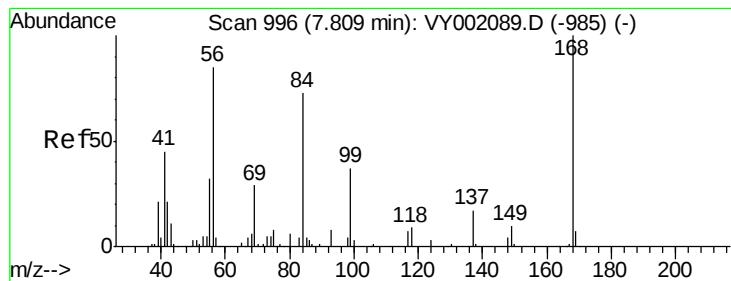
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002113.D

Acq: 27 Mar 2020 18:08

Instrument :

MSVOA_Y

ClientSampleId :

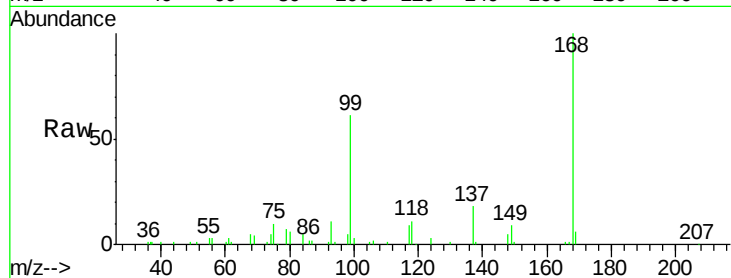
TP-15-(3-4)

Tgt Ion:168 Resp: 39175

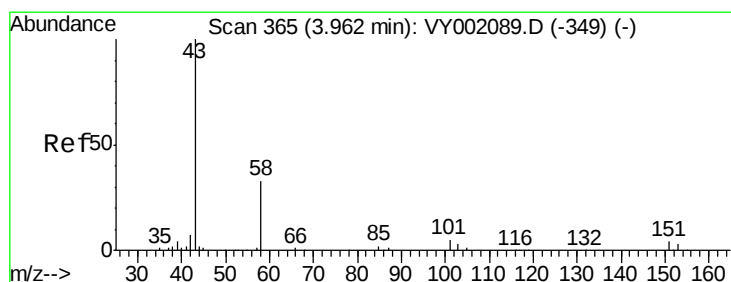
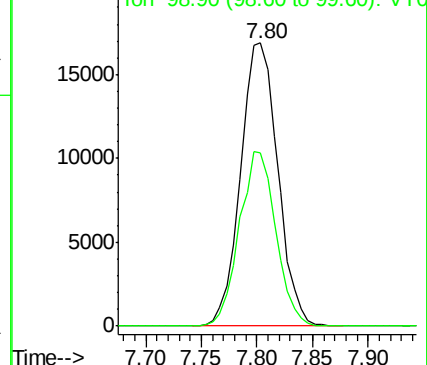
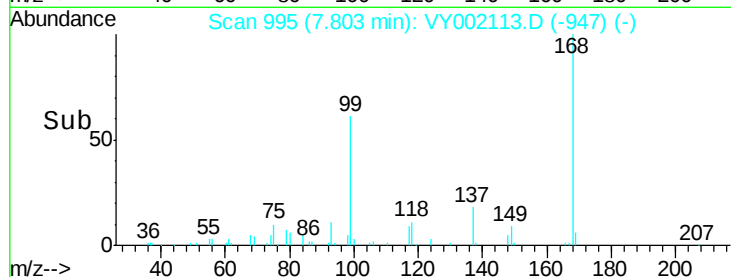
Ion Ratio Lower Upper

168 100

99 61.2 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002113.D (-947) (-)



#16

Acetone

Concen: 17.120 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002113.D

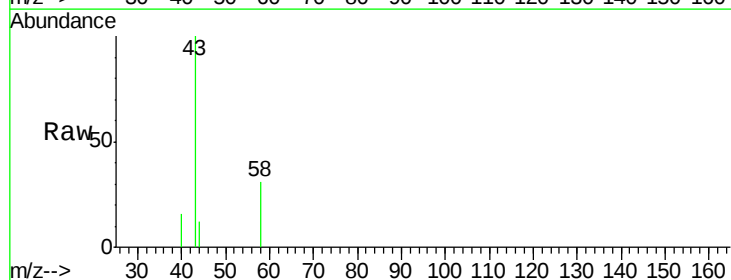
Acq: 27 Mar 2020 18:08

Tgt Ion: 43 Resp: 2083

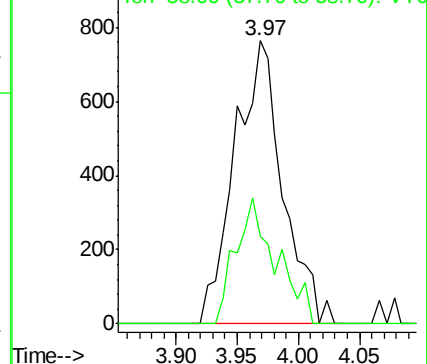
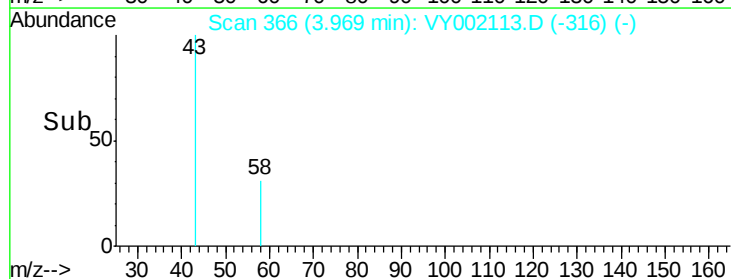
Ion Ratio Lower Upper

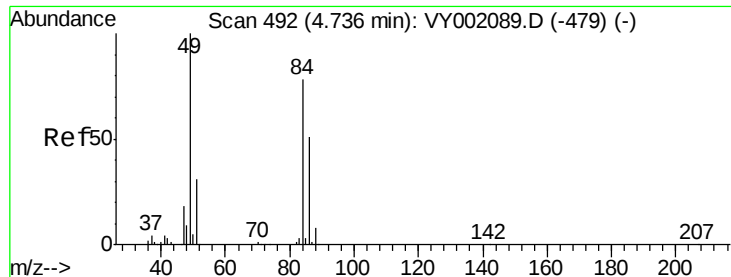
43 100

58 30.9 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VY002113.D (-316) (-)

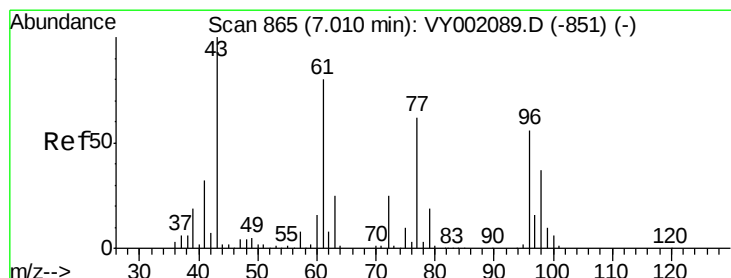
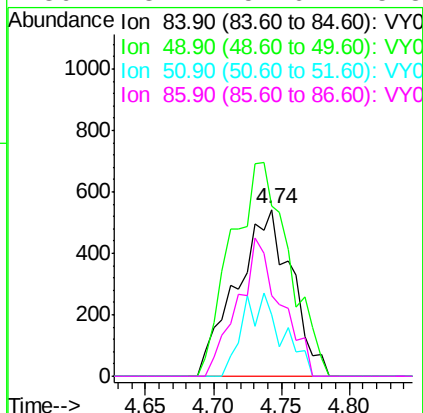
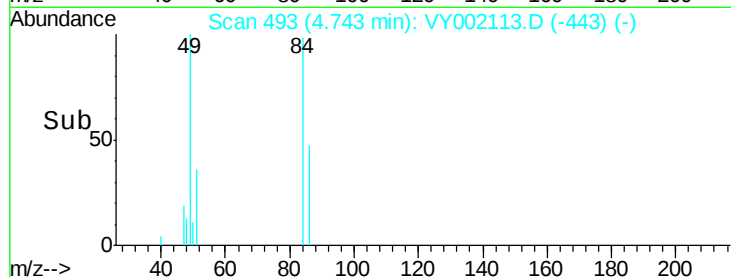
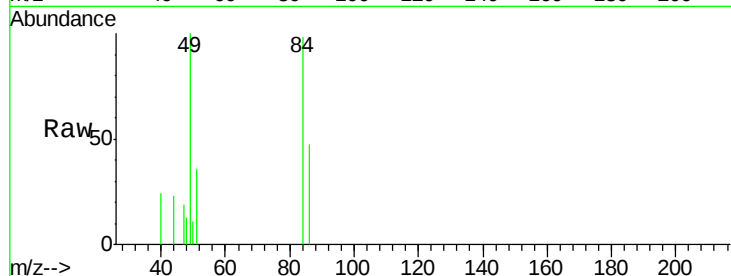




#20
Methylene Chloride
Concen: Below Cal
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002113.D
Acq: 27 Mar 2020 18:08

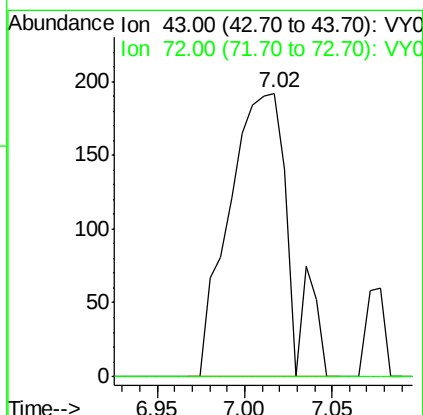
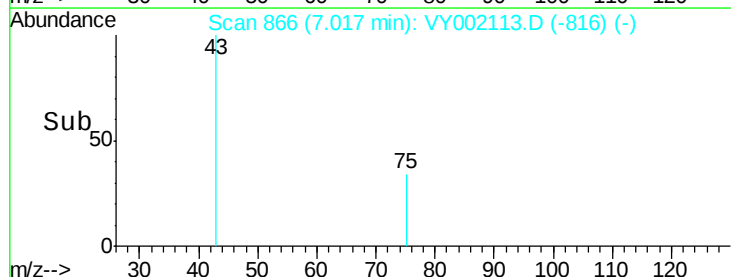
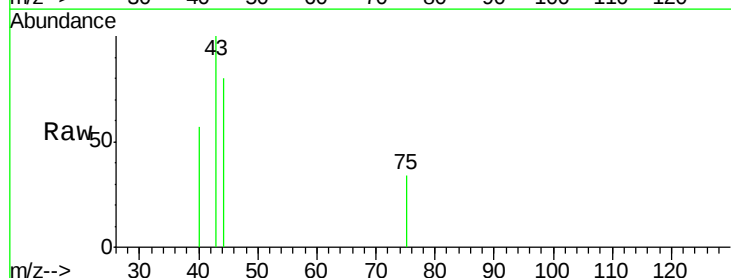
Instrument :
MSVOA_Y
ClientSampleId :
TP-15-(3-4)

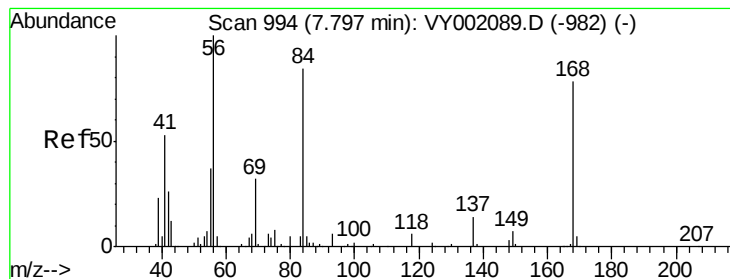
Tgt Ion: 84 Resp: 1531
Ion Ratio Lower Upper
84 100
49 102.4 102.2 153.4
51 36.7 31.2 46.8
86 48.2 52.6 78.8#



#25
2-Butanone
Concen: 2.484 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.01 min
Lab File: VY002113.D
Acq: 27 Mar 2020 18:08

Tgt Ion: 43 Resp: 464
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.2#





#31

Cyclohexane

Concen: 1.195 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY002113.D

Acq: 27 Mar 2020 18:08

Instrument :

MSVOA_Y

ClientSampleId :

TP-15-(3-4)

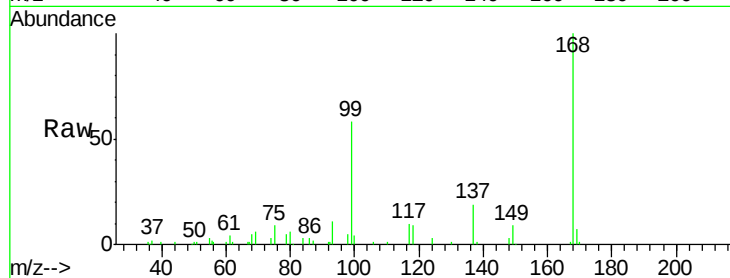
Tgt Ion: 56 Resp: 1078

Ion Ratio Lower Upper

56 100

69 156.5 25.8 38.8#

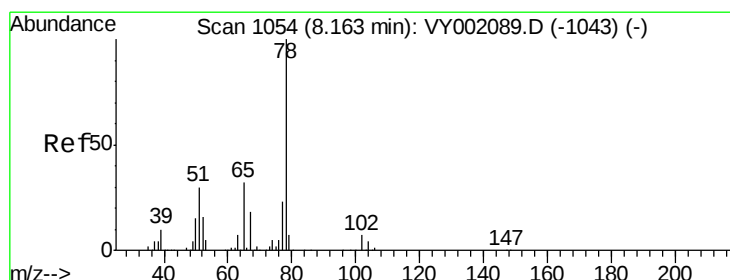
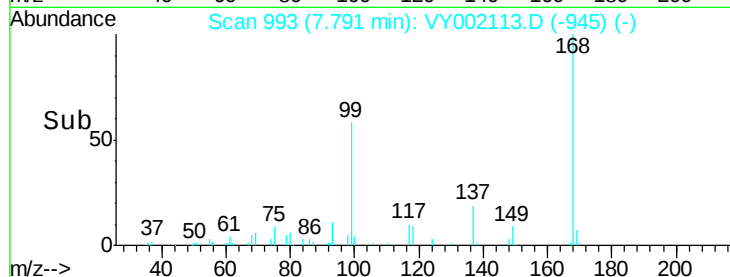
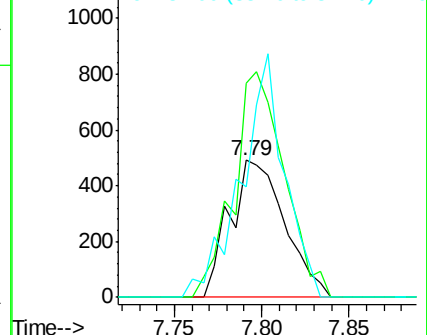
84 80.9 67.1 100.7



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: 50.826 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002113.D

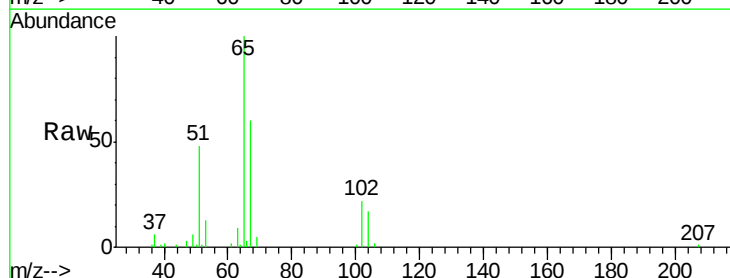
Acq: 27 Mar 2020 18:08

Tgt Ion: 65 Resp: 22011

Ion Ratio Lower Upper

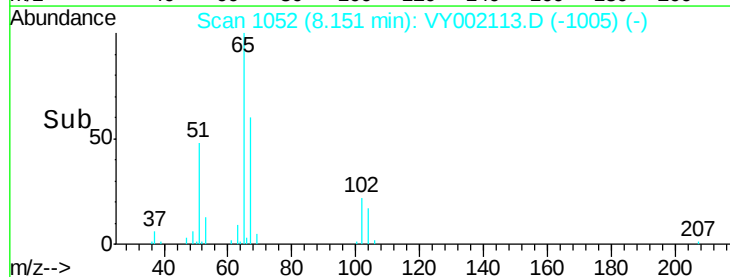
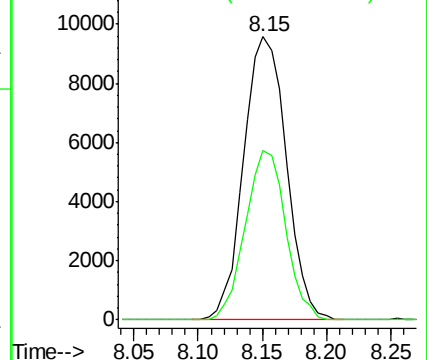
65 100

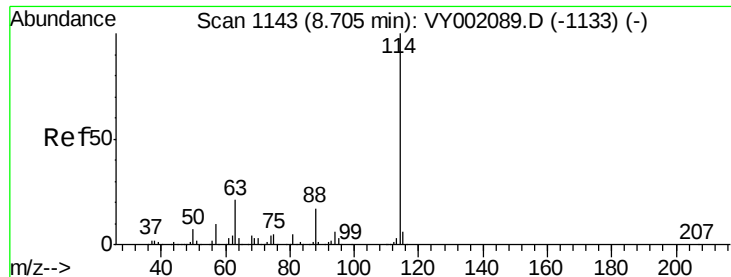
67 56.5 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

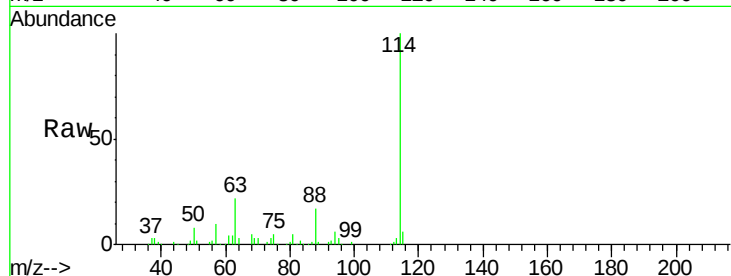




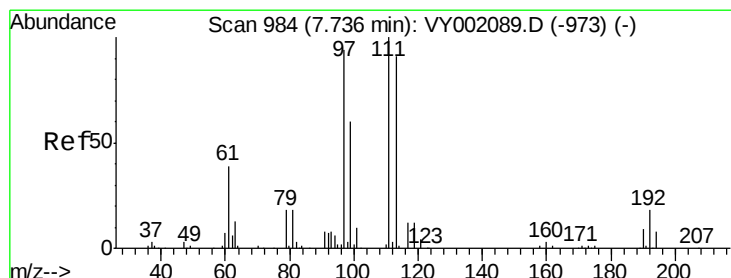
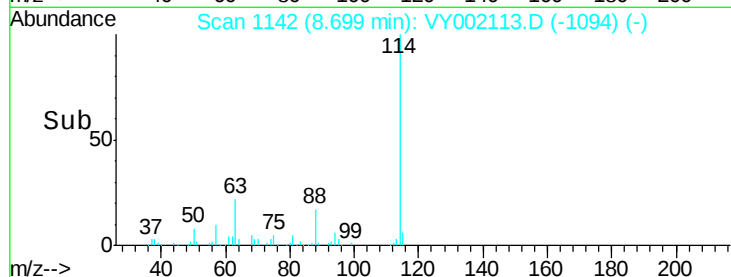
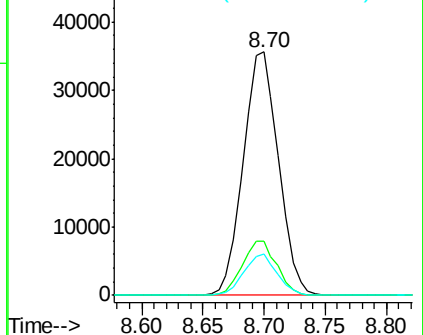
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002113.D
 Acq: 27 Mar 2020 18:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-15-(3-4)

Tgt Ion:114 Resp: 71444
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 41.4
 88 17.0 0.0 33.0

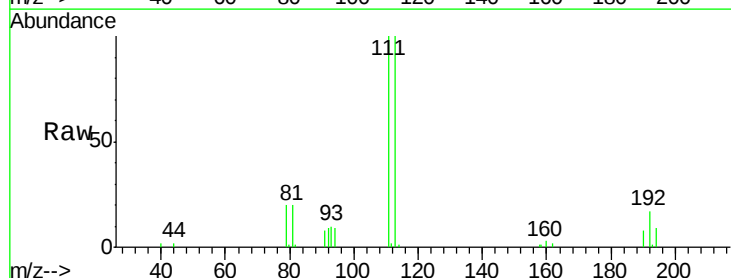


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

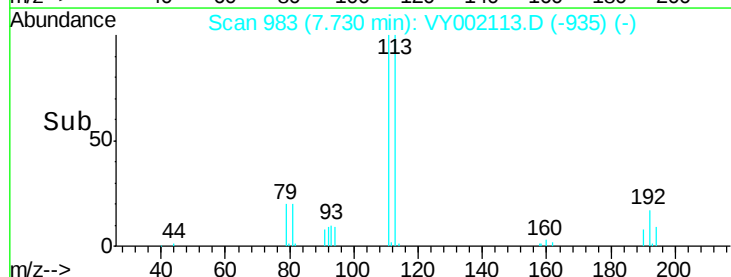
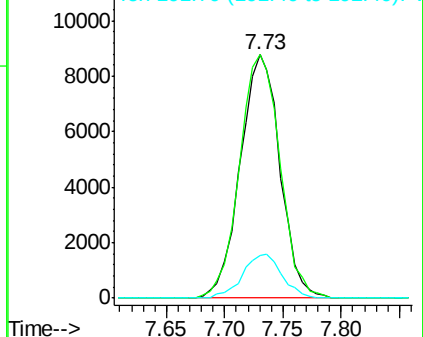


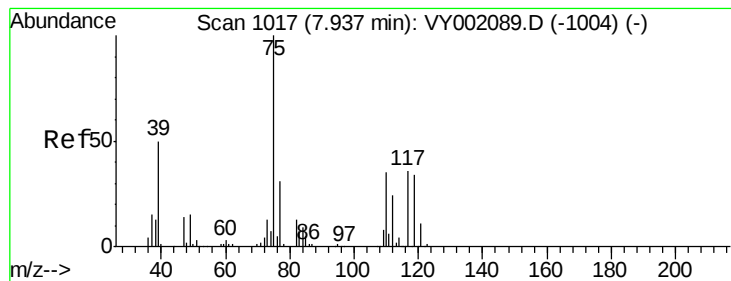
#35
 Dibromofluoromethane
 Concen: 51.955 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002113.D
 Acq: 27 Mar 2020 18:08

Tgt Ion:113 Resp: 20798
 Ion Ratio Lower Upper
 113 100
 111 102.1 84.4 126.6
 192 17.8 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: 5.446 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.13 min

Lab File: VY002113.D

Acq: 27 Mar 2020 18:08

Instrument :

MSVOA_Y

ClientSampleId :

TP-15-(3-4)

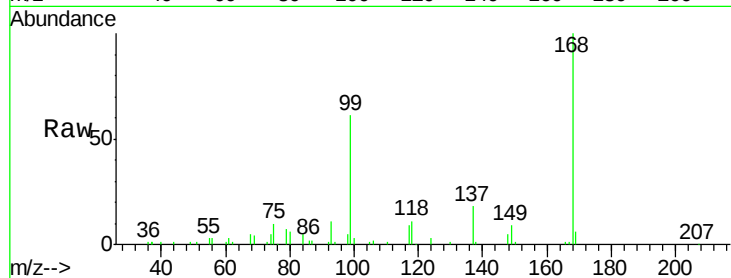
Tgt Ion: 75 Resp: 3680

Ion Ratio Lower Upper

75 100

110 4.9 17.2 51.6#

77 0.0 24.7 37.1#

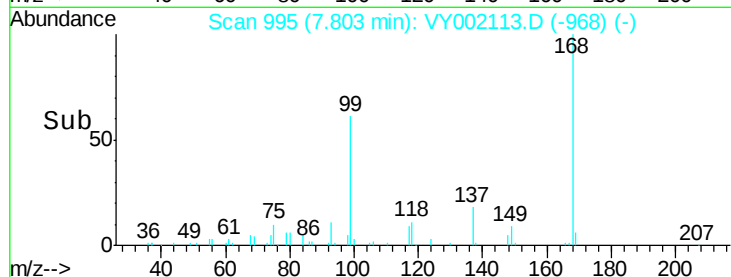


Abundance Ion 74.90 (74.60 to 75.60): VY002113.D (-968) (-)

Ion 109.90 (109.60 to 110.60): VY002113.D (-968) (-)

Ion 76.90 (76.60 to 77.60): VY002113.D (-968) (-)

Time-->

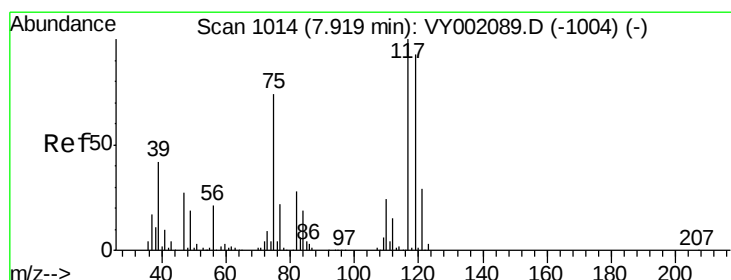


Abundance Ion 74.90 (74.60 to 75.60): VY002113.D (-968) (-)

Ion 109.90 (109.60 to 110.60): VY002113.D (-968) (-)

Ion 76.90 (76.60 to 77.60): VY002113.D (-968) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.839 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.12 min

Lab File: VY002113.D

Acq: 27 Mar 2020 18:08

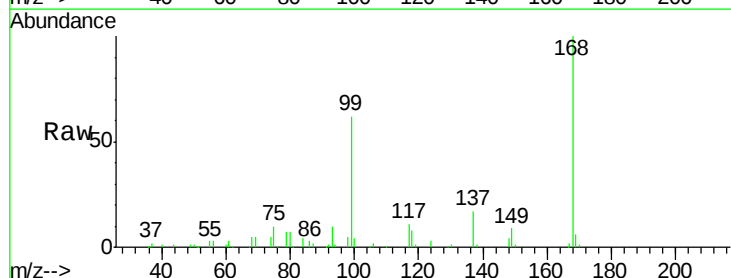
Tgt Ion: 117 Resp: 3921

Ion Ratio Lower Upper

117 100

119 6.6 74.3 111.5#

121 0.0 23.3 34.9#

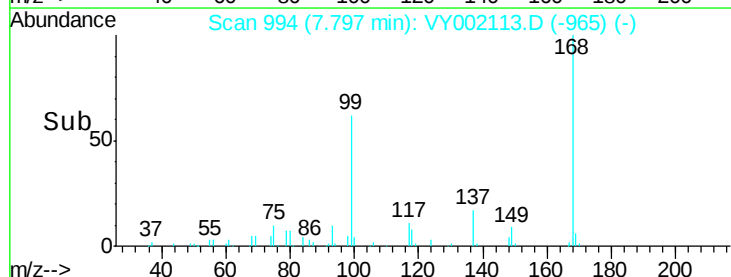


Abundance Ion 116.80 (116.50 to 117.50): VY002113.D (-965) (-)

Ion 118.80 (118.50 to 119.50): VY002113.D (-965) (-)

Ion 120.80 (120.50 to 121.50): VY002113.D (-965) (-)

Time-->

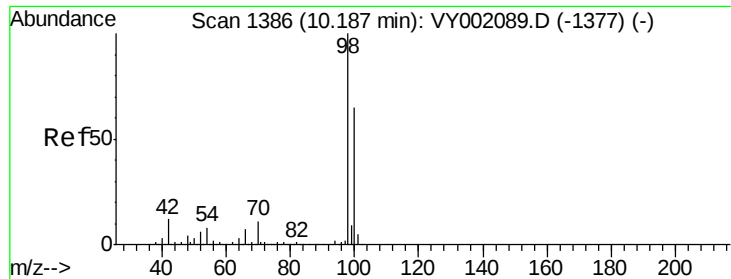


Abundance Ion 116.80 (116.50 to 117.50): VY002113.D (-965) (-)

Ion 118.80 (118.50 to 119.50): VY002113.D (-965) (-)

Ion 120.80 (120.50 to 121.50): VY002113.D (-965) (-)

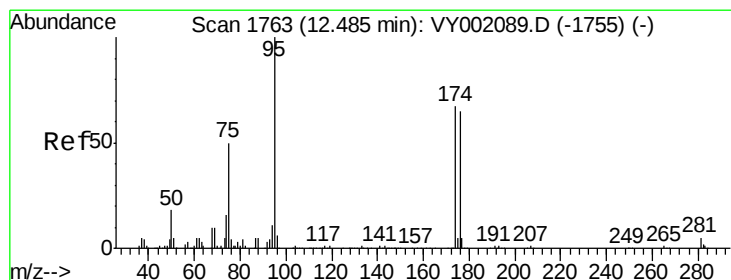
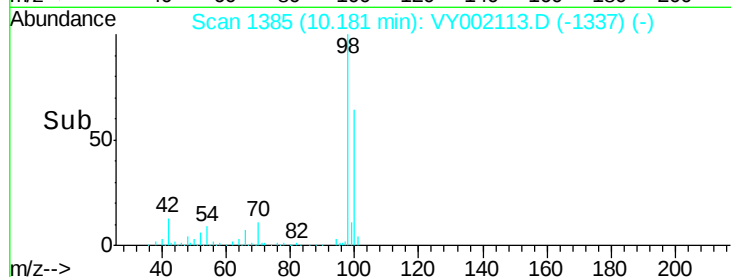
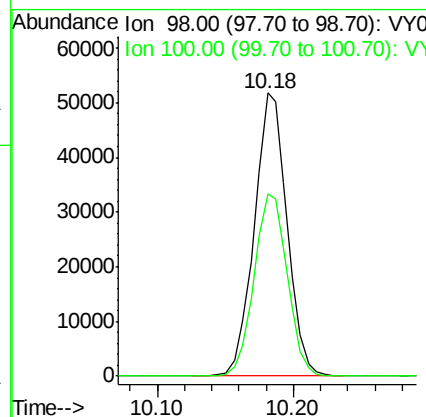
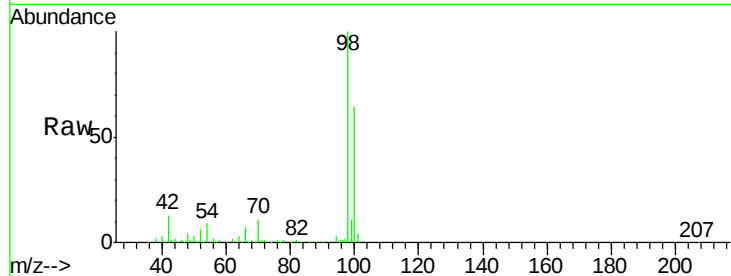
Time-->



#50
Toluene-d8
Concen: 52.397 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY002113.D
Acq: 27 Mar 2020 18:08

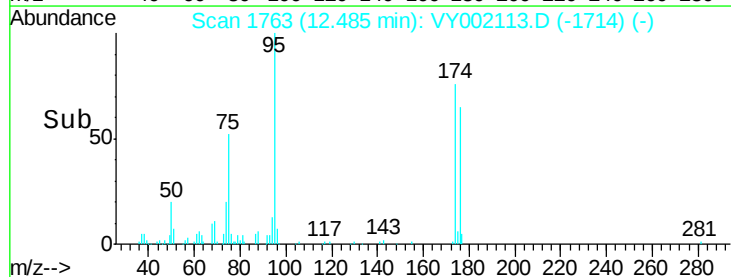
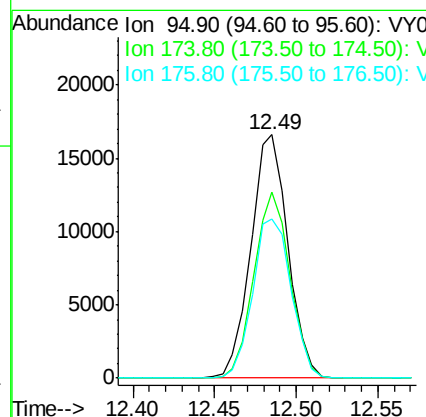
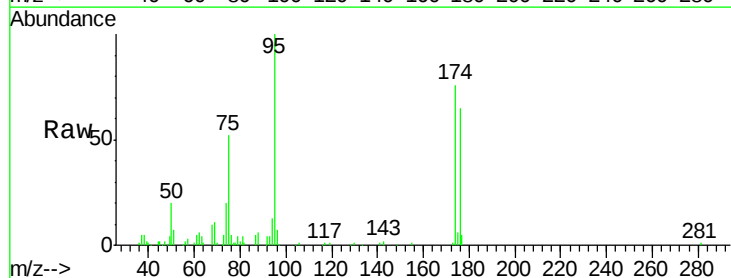
Instrument :
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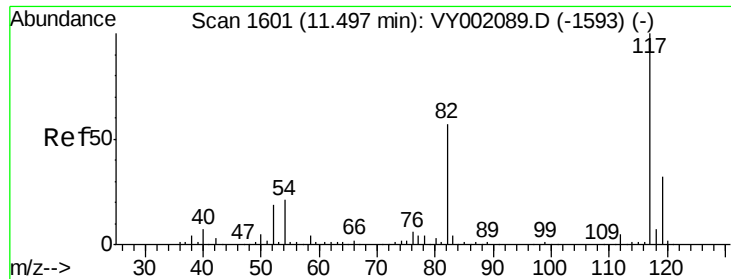
Tgt Ion: 98 Resp: 87136
Ion Ratio Lower Upper
98 100
100 65.4 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 45.167 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VY002113.D
Acq: 27 Mar 2020 18:08

Tgt Ion: 95 Resp: 26269
Ion Ratio Lower Upper
95 100
174 74.3 0.0 143.4
176 68.0 0.0 137.0

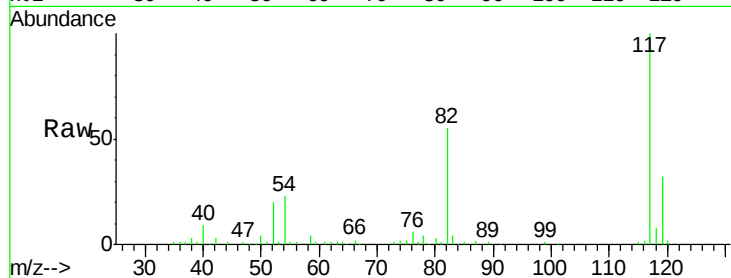




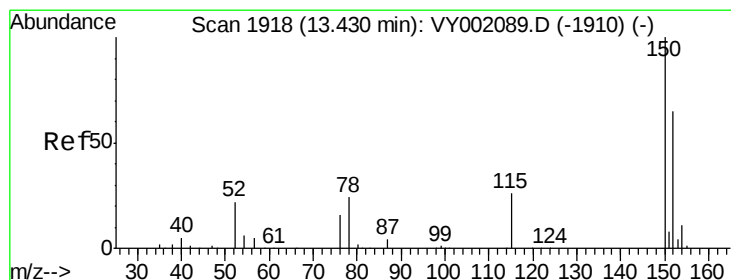
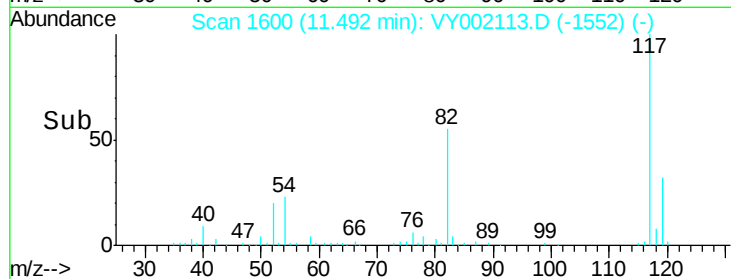
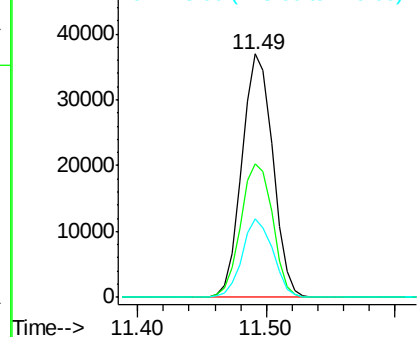
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002113.D
Acq: 27 Mar 2020 18:08

Instrument :
MSVOA_Y
ClientSampleId :
TP-15-(3-4)

Tgt Ion:117 Resp: 61270
Ion Ratio Lower Upper
117 100
82 54.9 45.4 68.2
119 32.4 25.3 37.9

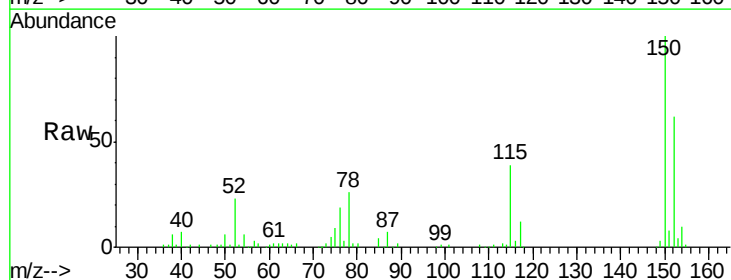


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

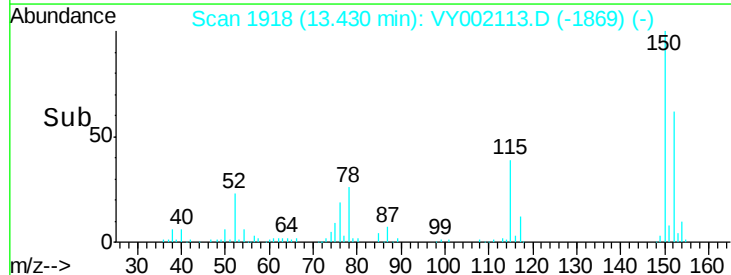
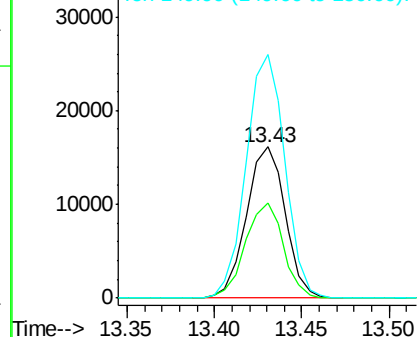


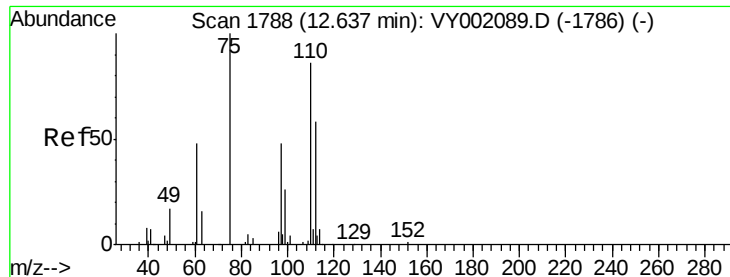
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002113.D
Acq: 27 Mar 2020 18:08

Tgt Ion:152 Resp: 25048
Ion Ratio Lower Upper
152 100
115 61.7 31.2 93.6
150 159.8 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: 48.629 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY002113.D

Acq: 27 Mar 2020 18:08

Instrument :

MSVOA_Y

ClientSampleId :

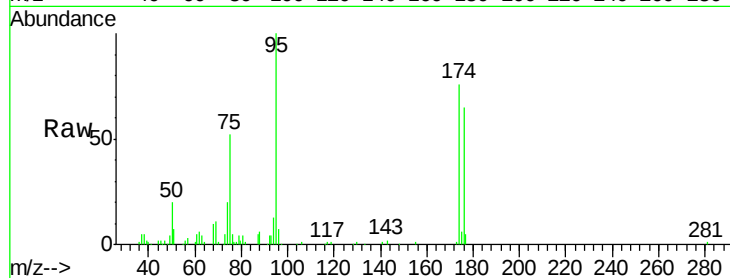
TP-15-(3-4)

Tgt Ion: 75 Resp: 13625

Ion Ratio Lower Upper

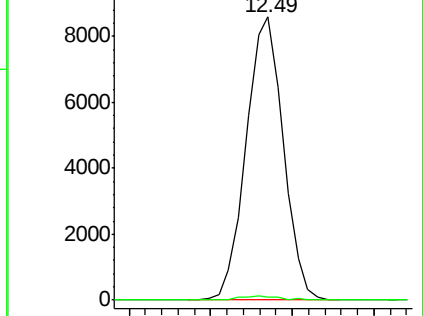
75 100

77 1.5 0.0 0.0#

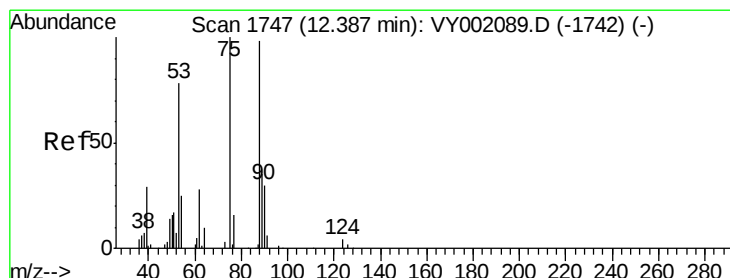
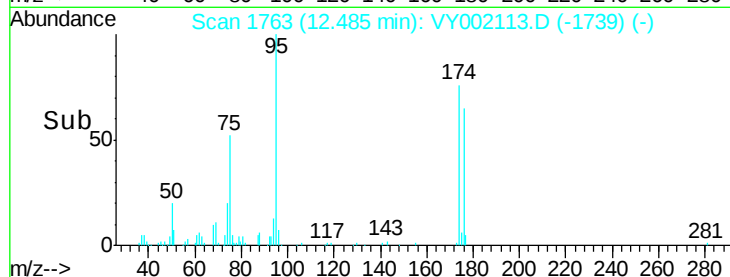


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



Time--> 12.40 12.45 12.50 12.55



#81

trans-1,4-Dichloro-2-butene

Concen: 94.211 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002113.D

Acq: 27 Mar 2020 18:08

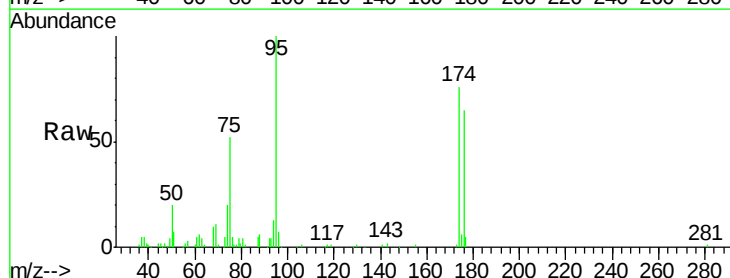
Tgt Ion: 75 Resp: 13625

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.4#

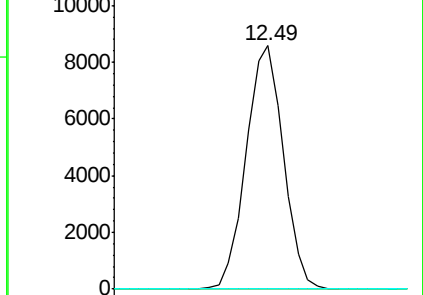
89 0.0 33.4 50.0#



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



Time--> 12.40 12.45 12.50 12.55

