

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040320\
 Data File : VY002219.D
 Acq On : 03 Apr 2020 15:33
 Operator : SY/MD
 Sample : L2162-08
 Misc : 7.59G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-50

Quant Time: Apr 04 00:18:57 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	7.81	168	125571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	246385	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	228516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	99040	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	77739	56.00	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	112.00%	
35) Dibromofluoromethane	7.73	113	72177	52.28	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.56%	
50) Toluene-d8	10.19	98	301026	52.49	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.98%	
62) 4-Bromofluorobenzene	12.49	95	104521	52.11	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.22%	

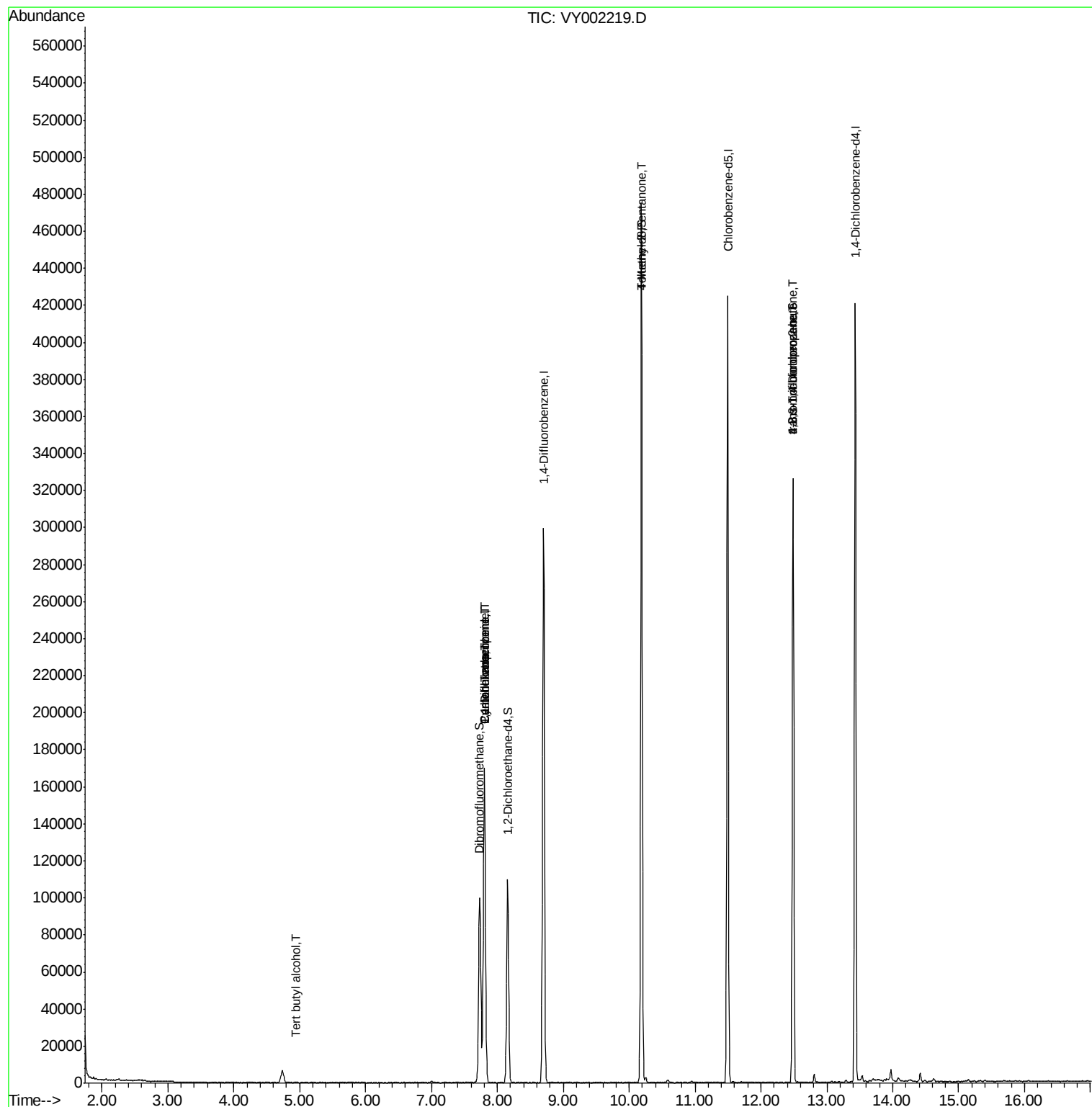
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.92	85	80	Below Cal	#	43
11) Tert butyl alcohol	4.94	59	362	2.213	ug/l #	74
20) Methylene Chloride	4.73	84	4807	Below Cal	#	86
31) Cyclohexane	7.80	56	2957	1.022	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	10987	4.715	ug/l #	50
38) Carbon Tetrachloride	7.80	117	13255	6.704	ug/l #	18
51) 4-Methyl-2-Pentanone	10.19	43	1385	1.029	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	52835	47.691	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	52835	92.395	ug/l #	17

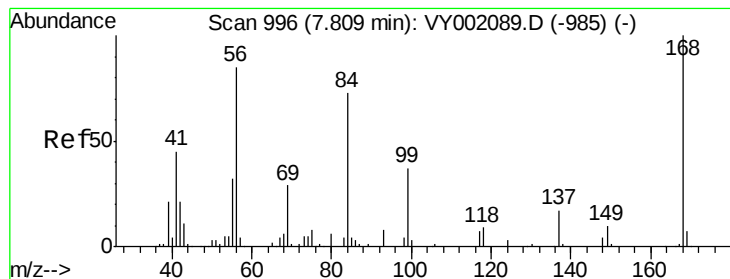
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002219.D

Acq: 03 Apr 2020 15:33

Instrument :

MSVOA_Y

ClientSampleId :

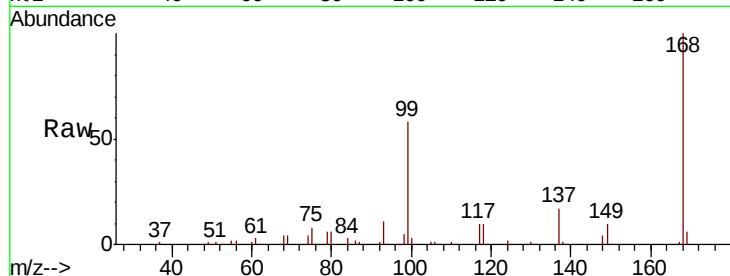
TP-50

Tot Ion:168 Resp: 125571

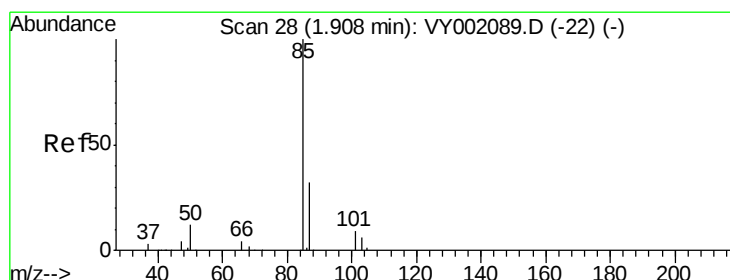
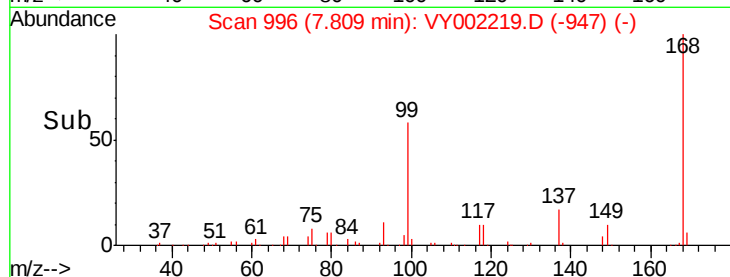
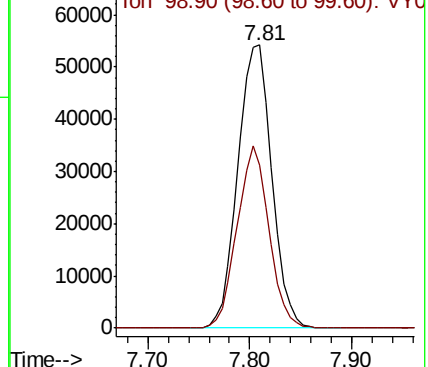
Ion Ratio Lower Upper

168 100

99 57.8 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002219.D (-947) (-)



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY002219.D

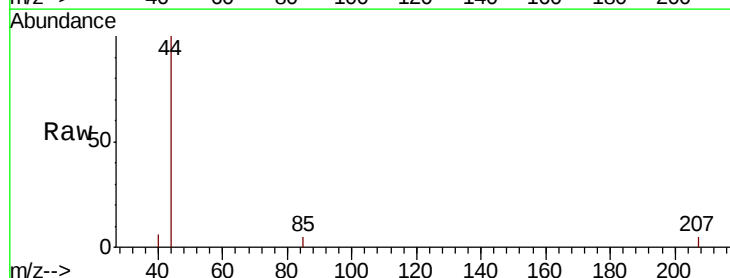
Acq: 03 Apr 2020 15:33

Tgt Ion: 85 Resp: 80

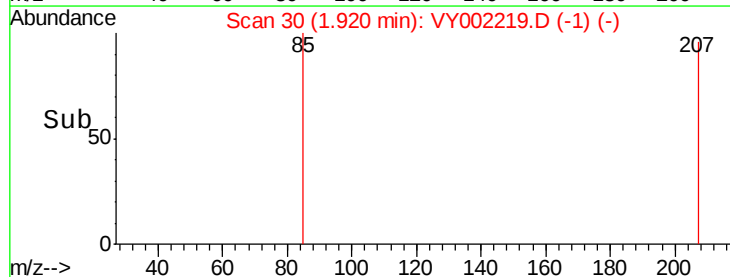
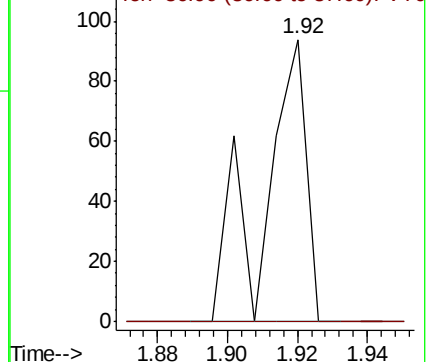
Ion Ratio Lower Upper

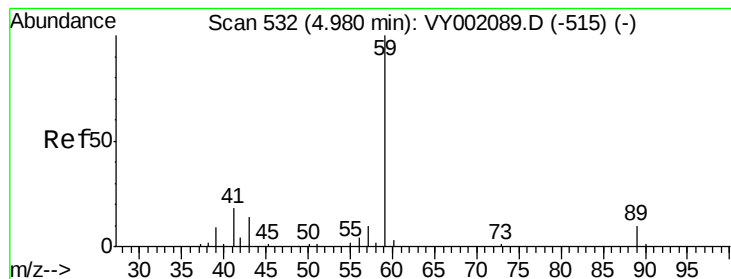
85 100

87 0.0 16.0 48.0#



Abundance Ion 84.90 (84.60 to 85.60): VY002219.D (-1) (-)



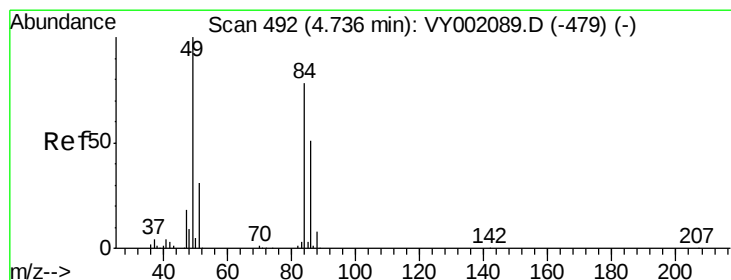
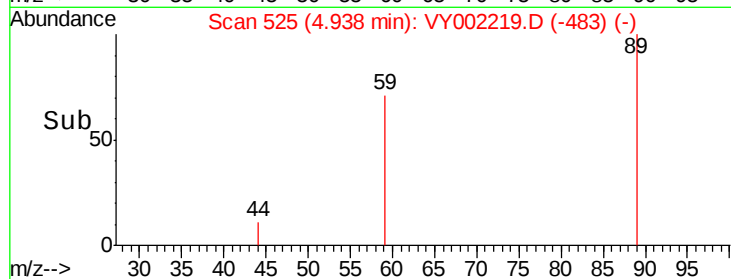
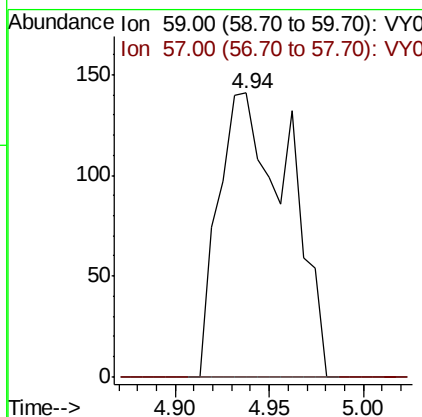
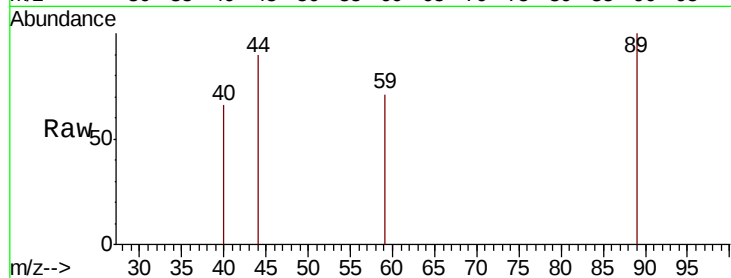


#11

Tert butyl alcohol
 Concen: 2.213 ug/l
 RT: 4.94 min Scan# 525
 Delta R.T. -0.04 min
 Lab File: VY002219.D
 Acq: 03 Apr 2020 15:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-50

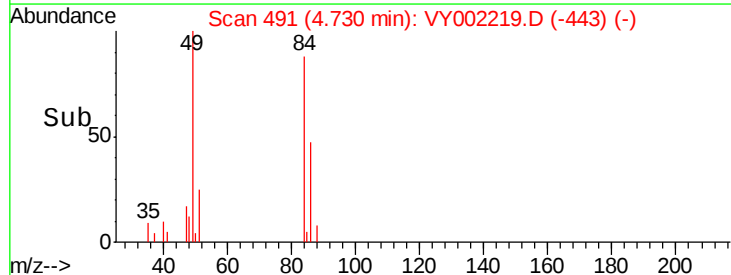
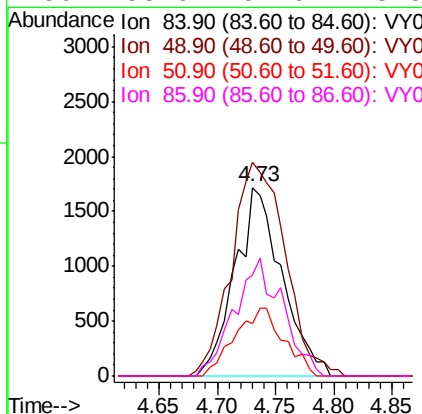
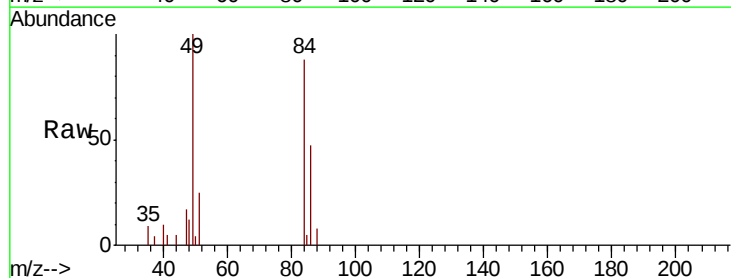
Tot Ion: 59 Resp: 362
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.7 11.5#

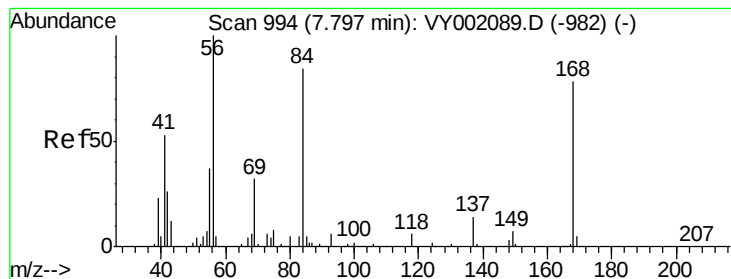


#20

Methylene Chloride
 Concen: Below Cal
 RT: 4.73 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: VY002219.D
 Acq: 03 Apr 2020 15:33

Tgt Ion: 84 Resp: 4807
 Ion Ratio Lower Upper
 84 100
 49 113.5 102.2 153.4
 51 27.8 31.2 46.8#
 86 53.6 52.6 78.8





#31

Cyclohexane

Concen: 1.022 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY002219.D

Acq: 03 Apr 2020 15:33

Instrument :

MSVOA_Y

ClientSampled :

TP-50

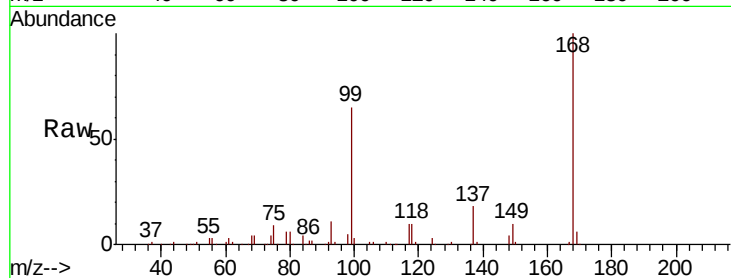
Tot Ion: 56 Resp: 2957

Ion Ratio Lower Upper

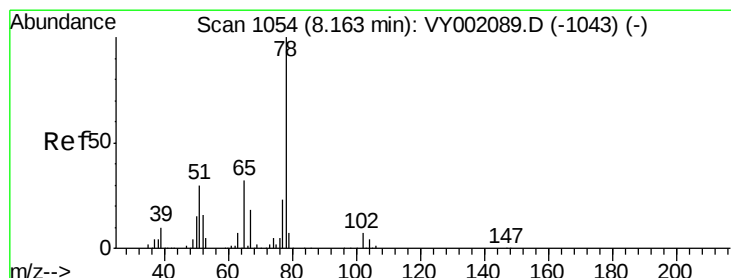
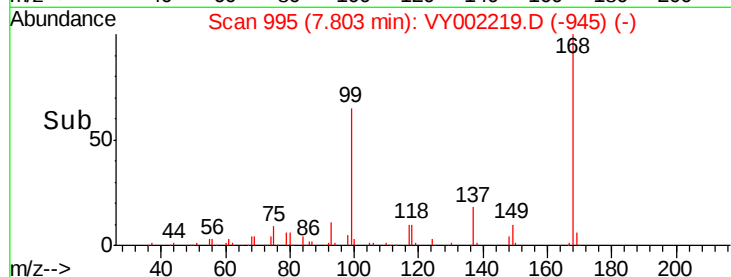
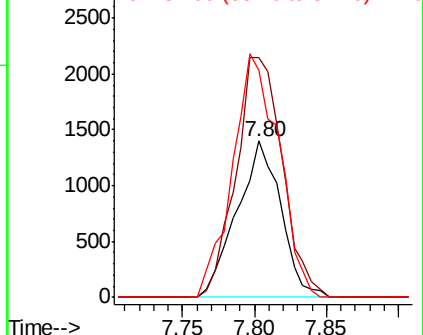
56 100

69 153.7 25.8 38.8#

84 145.6 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: 56.002 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002219.D

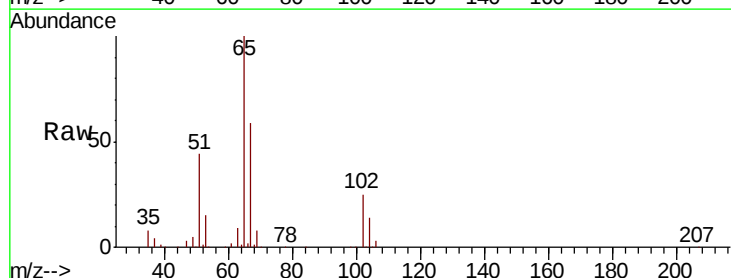
Acq: 03 Apr 2020 15:33

Tgt Ion: 65 Resp: 77739

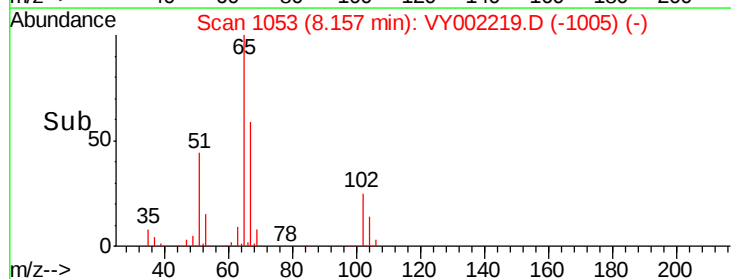
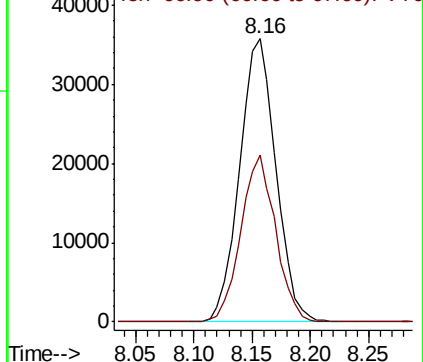
Ion Ratio Lower Upper

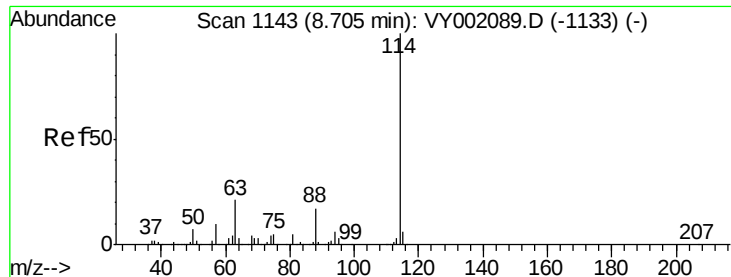
65 100

67 56.6 0.0 112.8



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

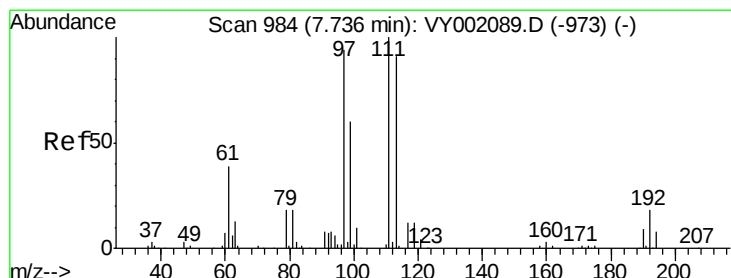
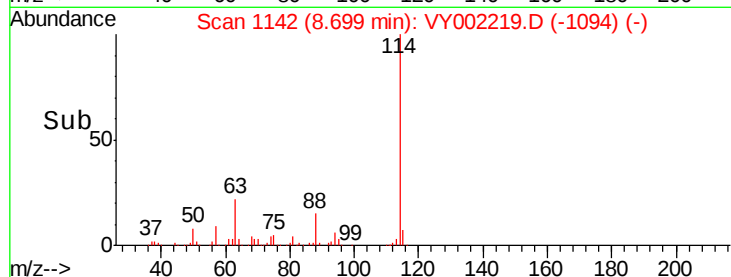
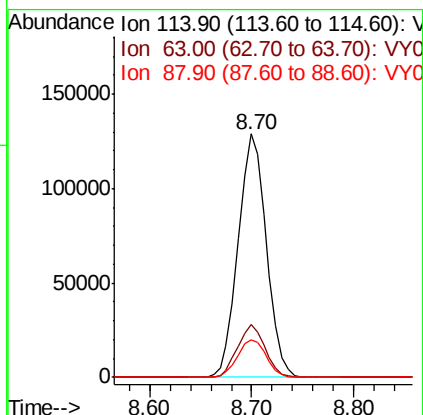
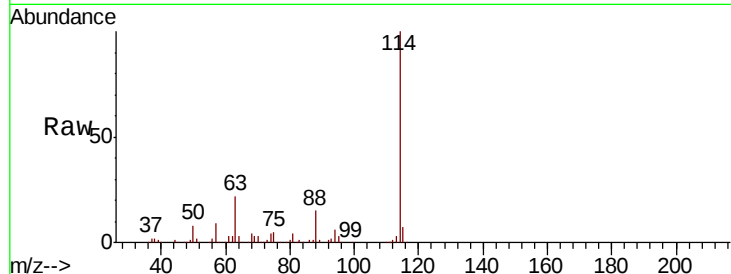




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002219.D
 Acq: 03 Apr 2020 15:33

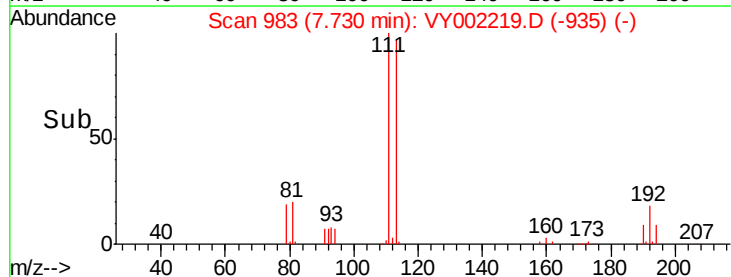
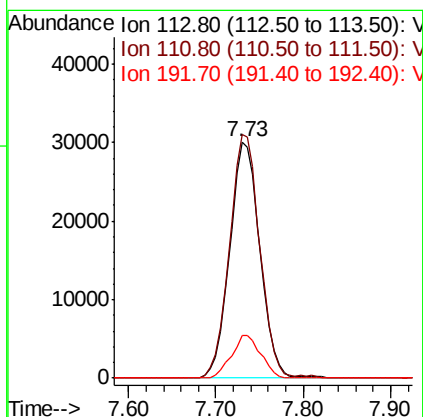
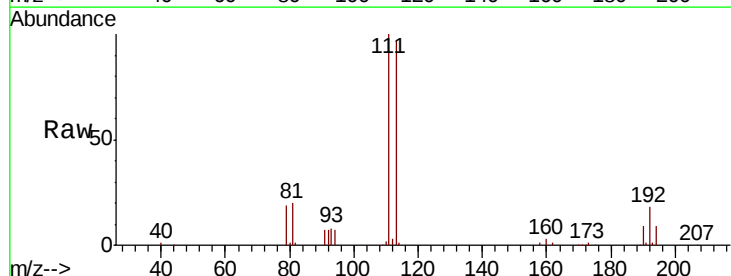
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-50

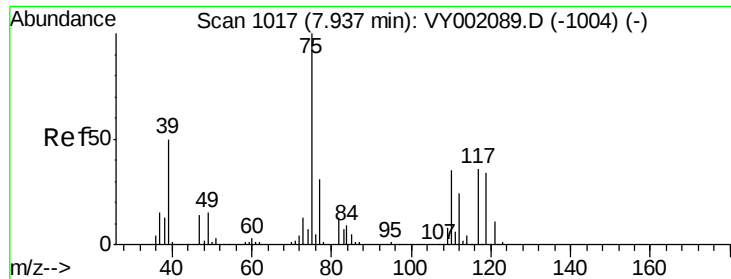
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	41.4
88	15.4	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 52.282 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002219.D
 Acq: 03 Apr 2020 15:33

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	84.4	126.6
192	17.6	14.6	21.8

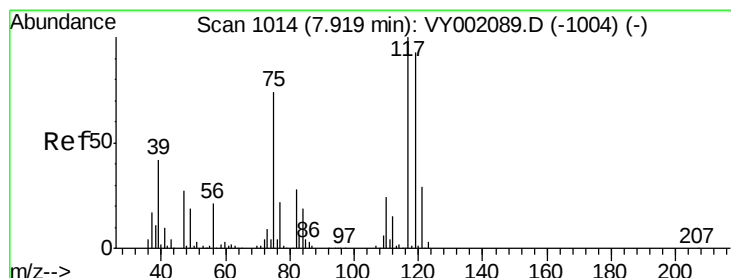
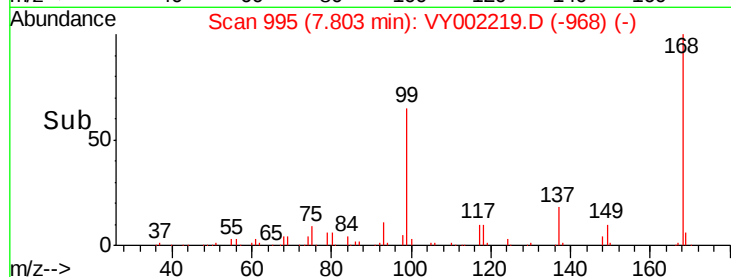
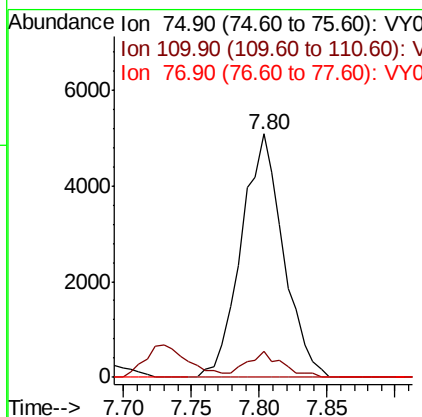
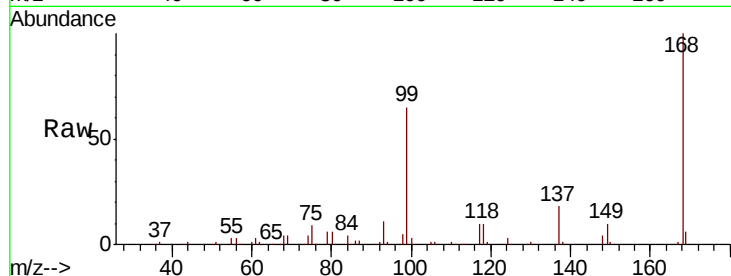




#36
 1,1-Dichloropropene
 Concen: 4.715 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY002219.D
 Acq: 03 Apr 2020 15:33

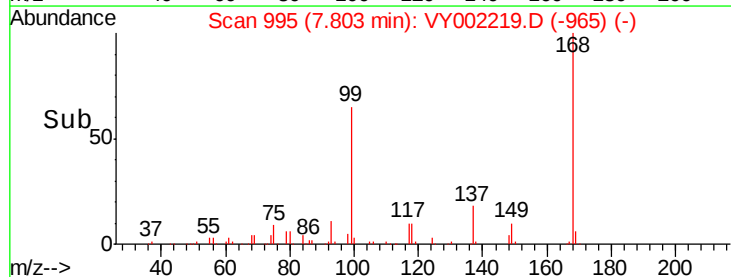
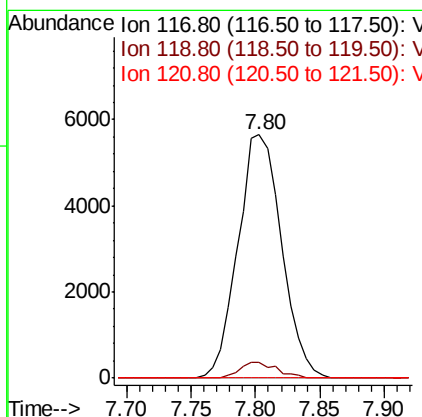
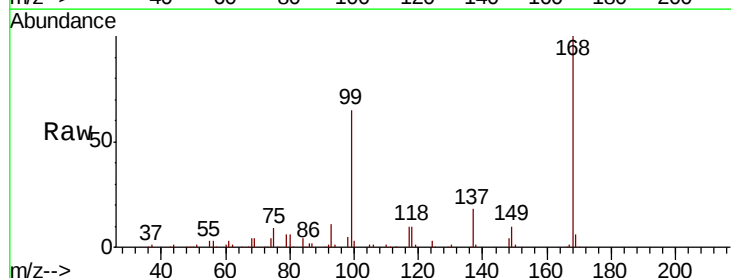
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-50

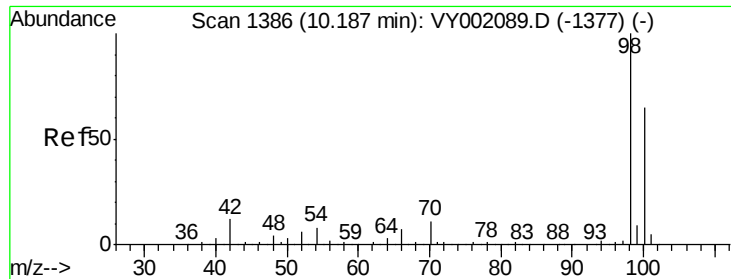
Tot Ion	75	Resp	10987
Ion Ratio	100	Lower	Upper
75	100		
110	9.0	17.2	51.6#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.704 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY002219.D
 Acq: 03 Apr 2020 15:33

Tgt Ion	117	Resp	13255
Ion Ratio	100	Lower	Upper
117	100		
119	6.5	74.3	111.5#
121	0.0	23.3	34.9#





#50

Toluene-d8

Concen: 52.489 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002219.D

Acq: 03 Apr 2020 15:33

Instrument :

MSVOA_Y

ClientSampled :

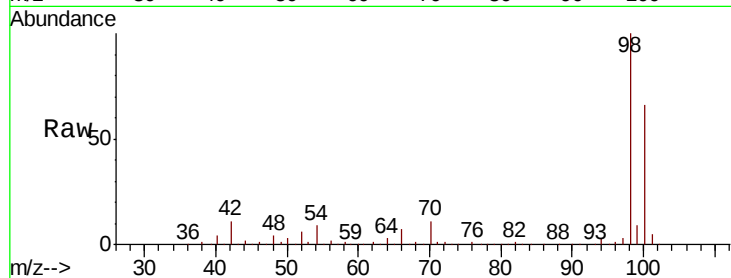
TP-50

Tot Ion: 98 Resp: 301026

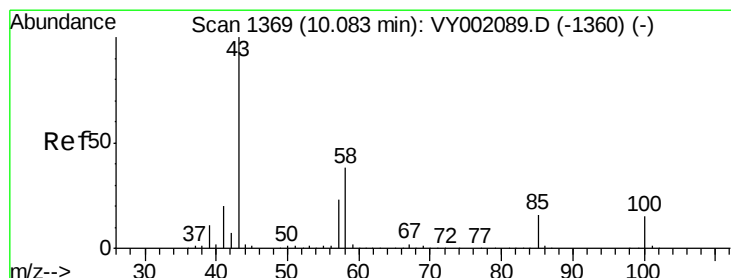
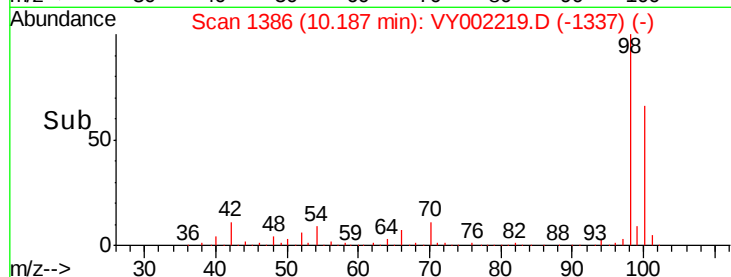
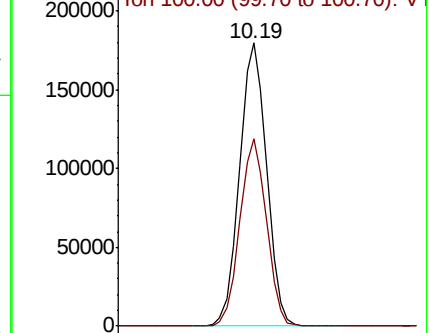
Ion Ratio Lower Upper

98 100

100 65.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY002089.D (-1377) (-)



#51

4-Methyl-2-Pentanone

Concen: 1.029 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.10 min

Lab File: VY002219.D

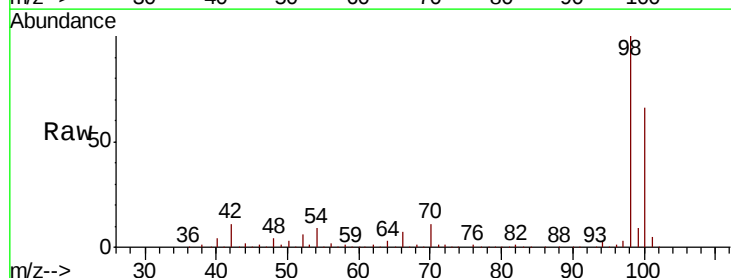
Acq: 03 Apr 2020 15:33

Tgt Ion: 43 Resp: 1385

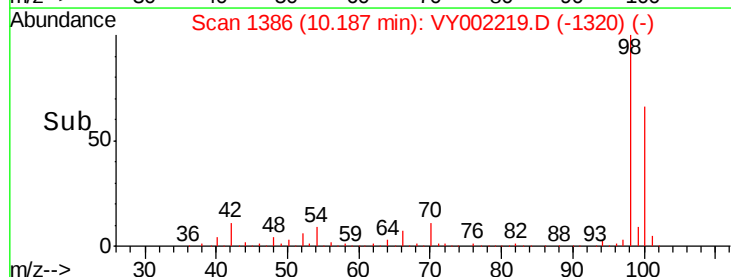
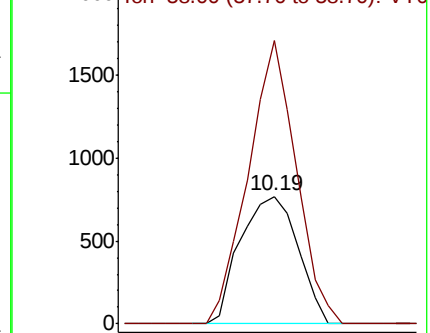
Ion Ratio Lower Upper

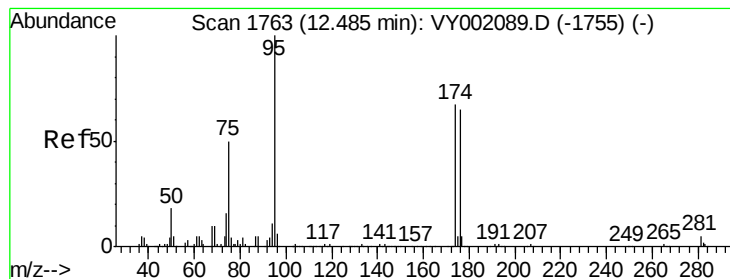
43 100

58 184.7 31.6 47.4#



Abundance Ion 43.00 (42.70 to 43.70): VY002089.D (-1360) (-)





#62

4-Bromofluorobenzene

Concen: 52.111 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002219.D

Acq: 03 Apr 2020 15:33

Instrument :

MSVOA_Y

ClientSampleId :

TP-50

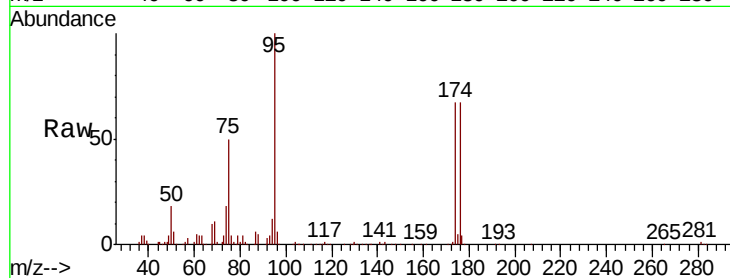
Tot Ion: 95 Resp: 104521

Ion Ratio Lower Upper

95 100

174 72.1 0.0 143.4

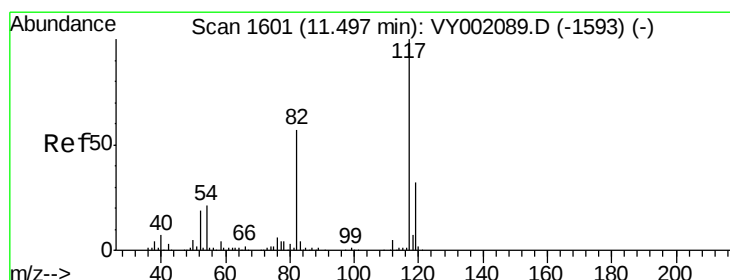
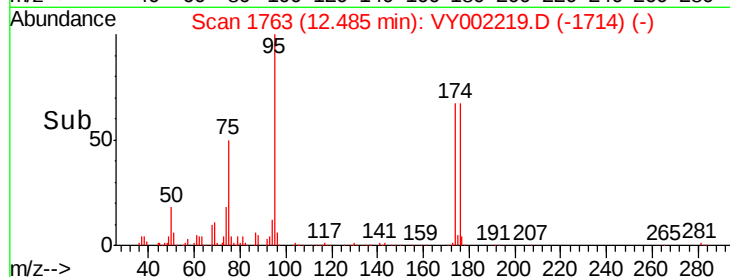
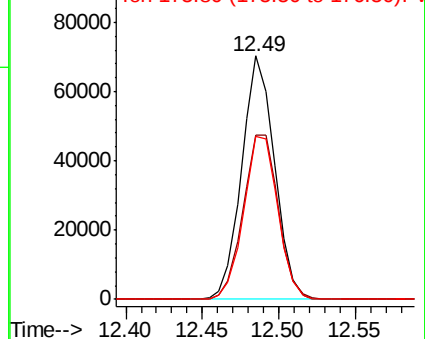
176 70.0 0.0 137.0



Abundance Ion 94.90 (94.60 to 95.60): VY002219.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002219.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY002219.D (-1755) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. 0.00 min

Lab File: VY002219.D

Acq: 03 Apr 2020 15:33

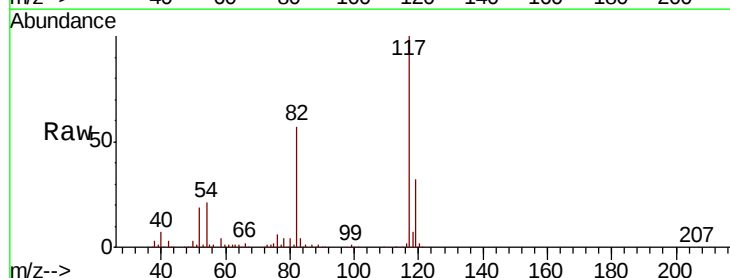
Tgt Ion: 117 Resp: 228516

Ion Ratio Lower Upper

117 100

82 57.2 45.4 68.2

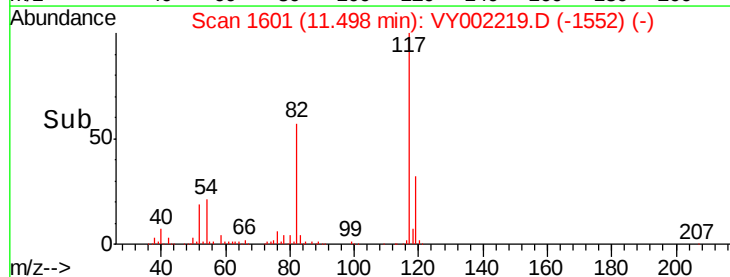
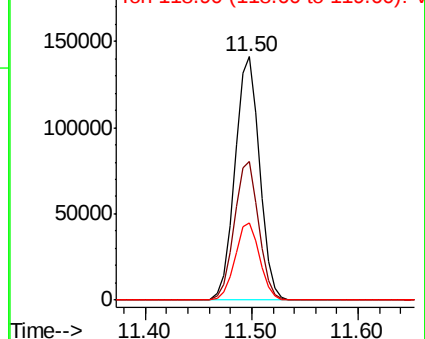
119 31.7 25.3 37.9

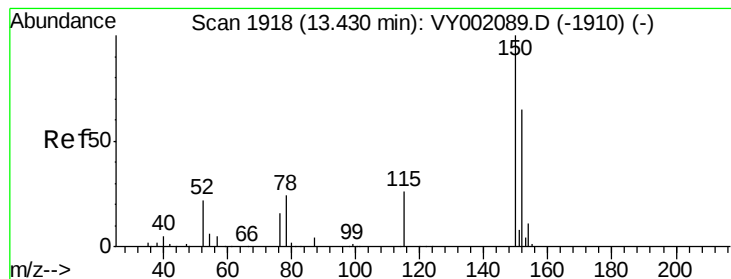


Abundance Ion 116.90 (116.60 to 117.60): VY002219.D (-1593) (-)

Ion 82.00 (81.70 to 82.70): VY002219.D (-1593) (-)

Ion 118.90 (118.60 to 119.60): VY002219.D (-1593) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002219.D

Acq: 03 Apr 2020 15:33

Instrument :

MSVOA_Y

ClientSampled :

TP-50

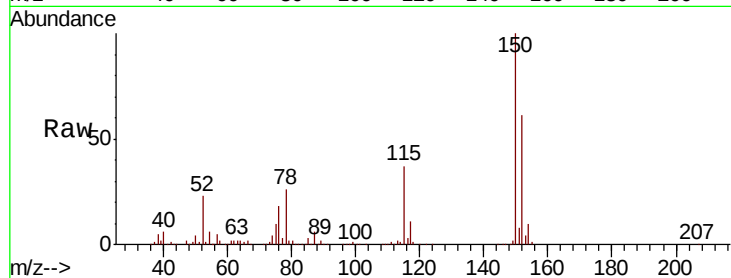
Tot Ion:152 Resp: 99040

Ion Ratio Lower Upper

152 100

115 61.3 31.2 93.6

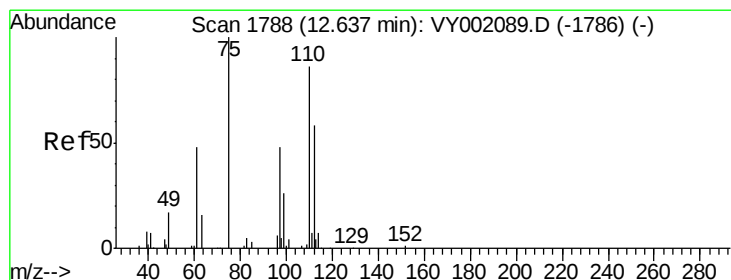
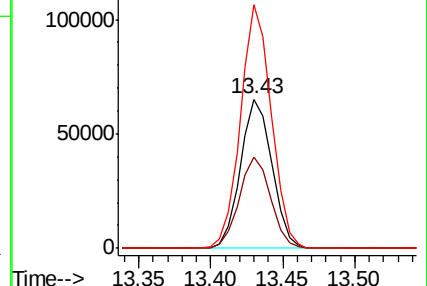
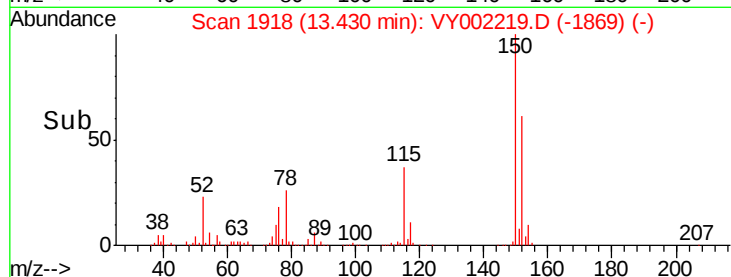
150 159.3 0.0 354.8



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: 47.691 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY002219.D

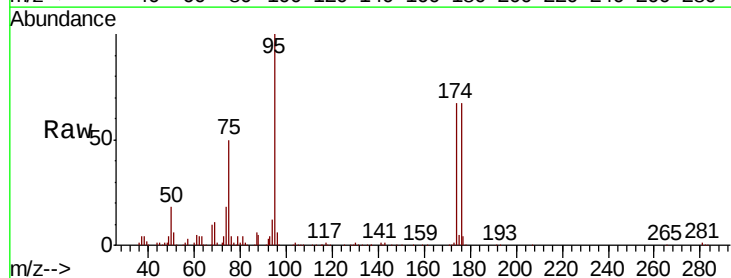
Acq: 03 Apr 2020 15:33

Tgt Ion: 75 Resp: 52835

Ion Ratio Lower Upper

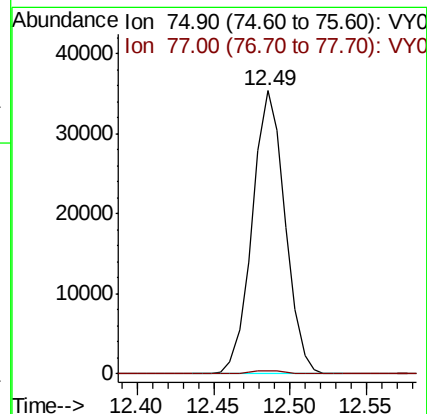
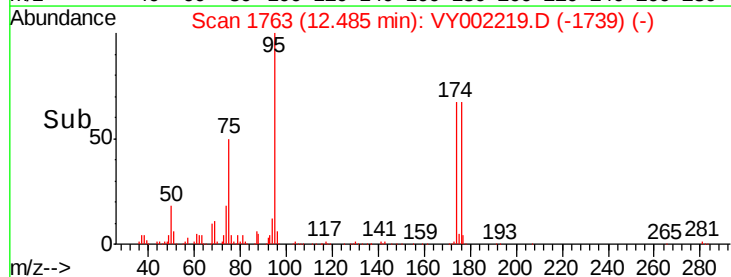
75 100

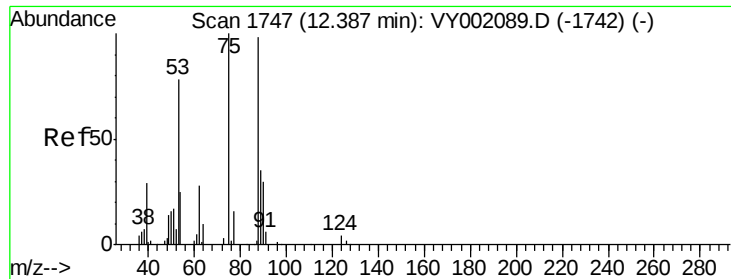
77 1.4 0.0 0.0#



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: 92.395 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002219.D

Acq: 03 Apr 2020 15:33

Instrument :

MSVOA_Y

ClientSampleId :

TP-50

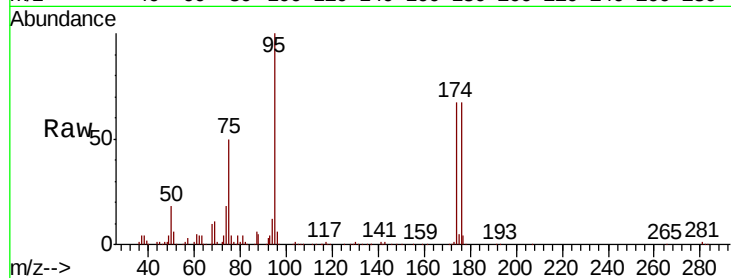
Tot Ion: 75 Resp: 52835

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

