

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
 Data File : VY002197.D
 Acq On : 02 Apr 2020 17:06
 Operator : SY/MD
 Sample : L2129-36RE
 Misc : 6.62G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 03 03:17:06 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

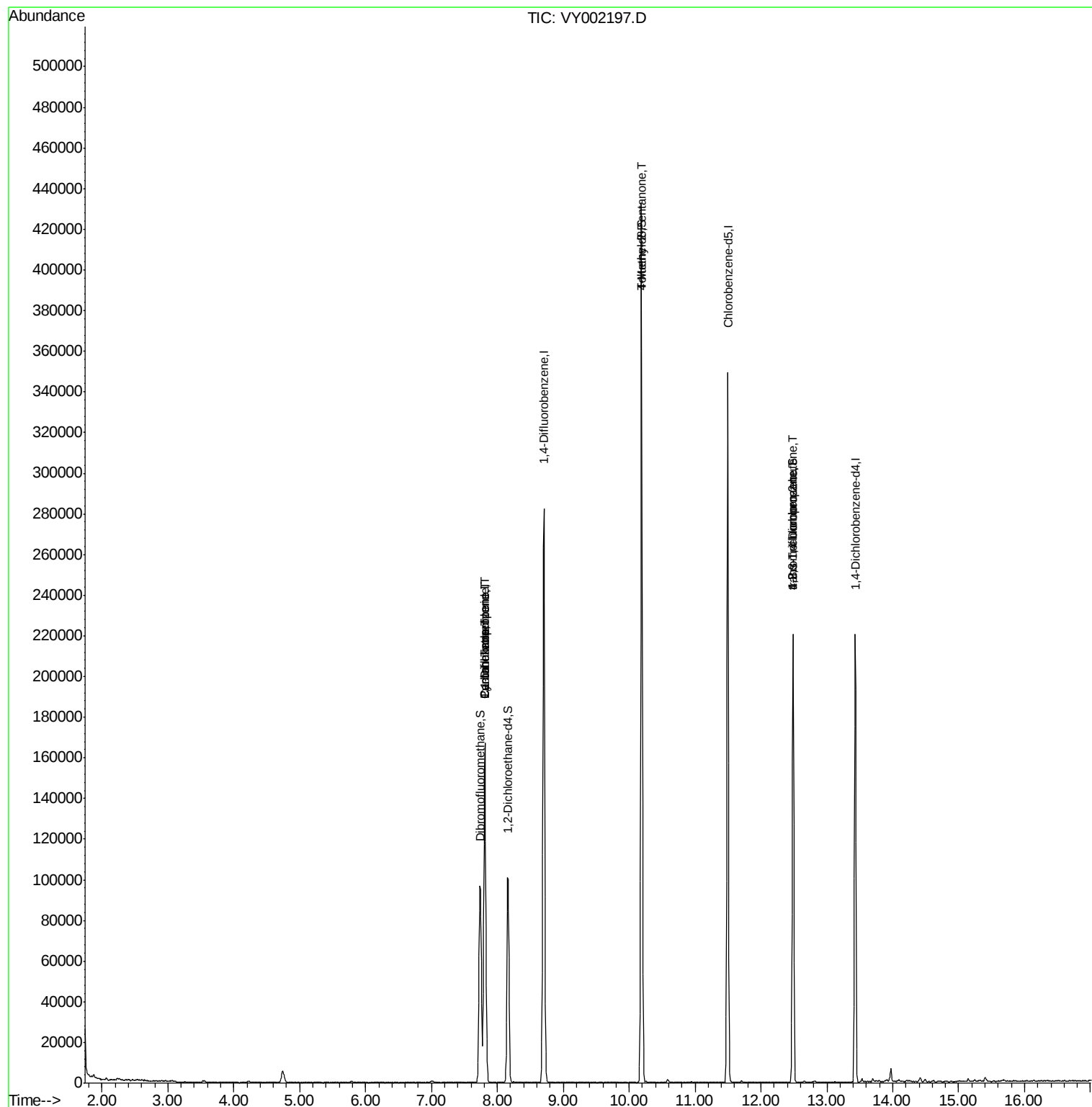
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	120761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	232558	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	181179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	52959	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	75811	56.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.58%	
35) Dibromofluoromethane	7.74	113	70596	54.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.36%	
50) Toluene-d8	10.19	98	278834	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
62) 4-Bromofluorobenzene	12.49	95	69210	36.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.12%	
Target Compounds						
20) Methylene Chloride	4.74	84	3898	Below Cal		96
31) Cyclohexane	7.81	56	3164	1.138 ug/l #		1
36) 1,1-Dichloropropene	7.81	75	10951	4.978 ug/l #		49
38) Carbon Tetrachloride	7.81	117	12731	6.822 ug/l #		18
51) 4-Methyl-2-Pentanone	10.19	43	1319	1.038 ug/l #		1
76) 1,2,3-Trichloropropane	12.49	75	35066	59.194 ug/l #		100
81) trans-1,4-Dichloro-2-buten	12.49	75	35066	114.679 ug/l #		17

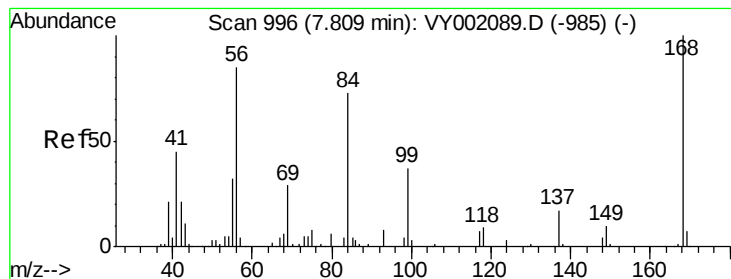
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002197.D

Acq: 02 Apr 2020 17:06

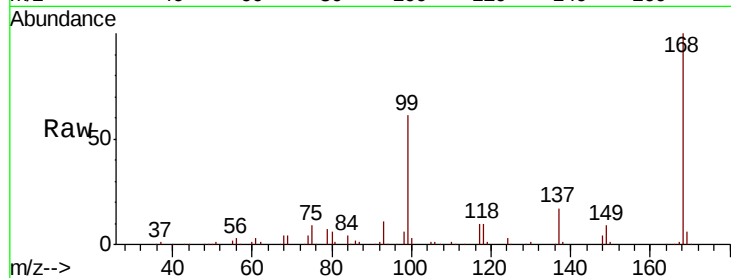
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 120761

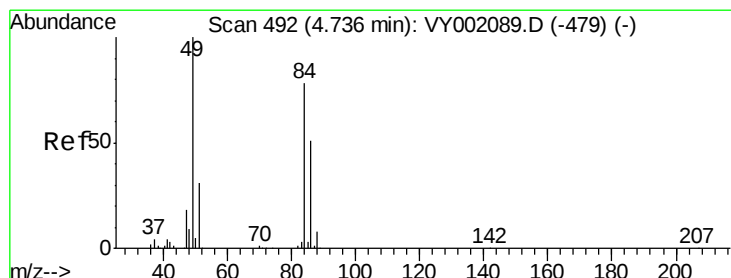
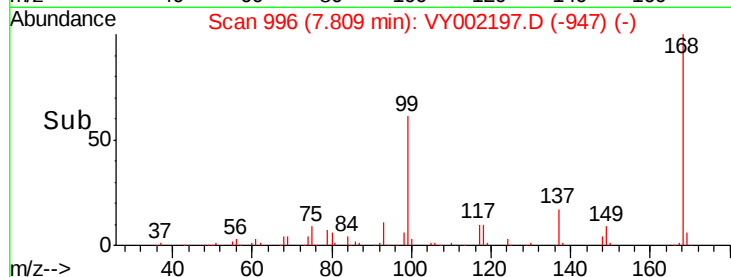
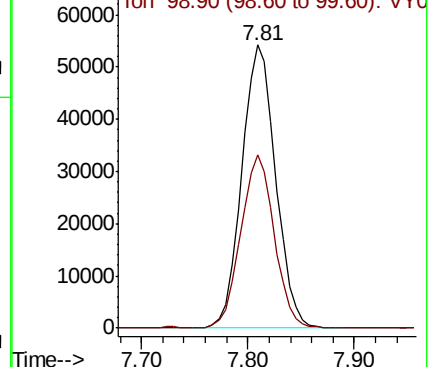
Ion Ratio Lower Upper

168 100

99 61.1 47.6 71.4



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



#20

Methylene Chloride

Concen: Below Cal

RT: 4.74 min Scan# 493

Delta R.T. 0.01 min

Lab File: VY002197.D

Acq: 02 Apr 2020 17:06

Tgt Ion: 84 Resp: 3898

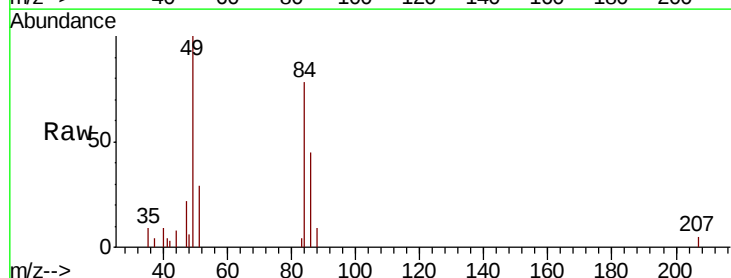
Ion Ratio Lower Upper

84 100

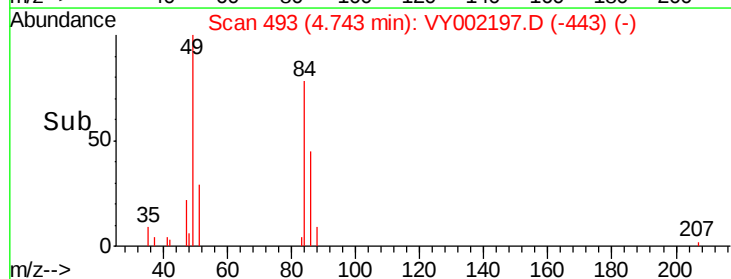
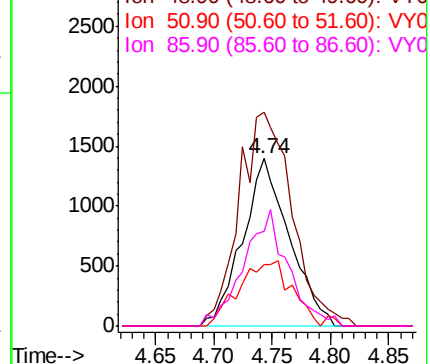
49 127.5 102.2 153.4

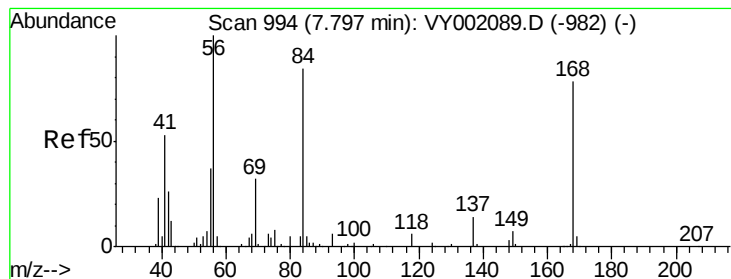
51 36.9 31.2 46.8

86 56.8 52.6 78.8



Abundance Ion 83.90 (83.60 to 84.60): VY002089.D (-479) (-)





#31

Cyclohexane

Concen: 1.138 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002197.D

Acq: 02 Apr 2020 17:06

Instrument :
MSVOA_Y
ClientSampled :

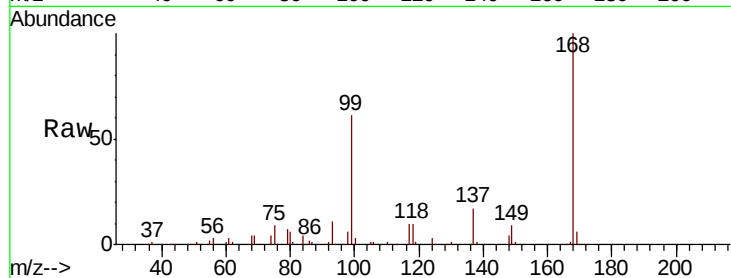
Tot Ion: 56 Resp: 3164

Ion Ratio Lower Upper

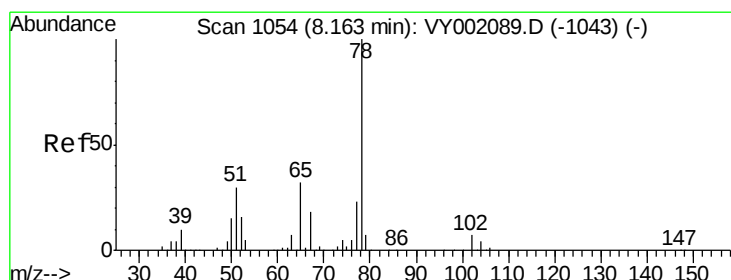
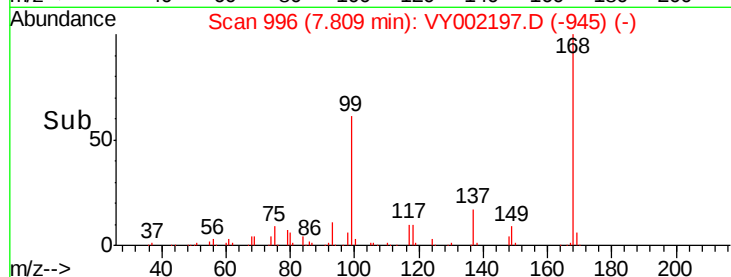
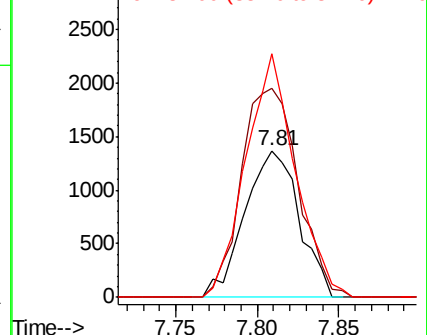
56 100

69 142.5 25.8 38.8#

84 166.0 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: 56.788 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002197.D

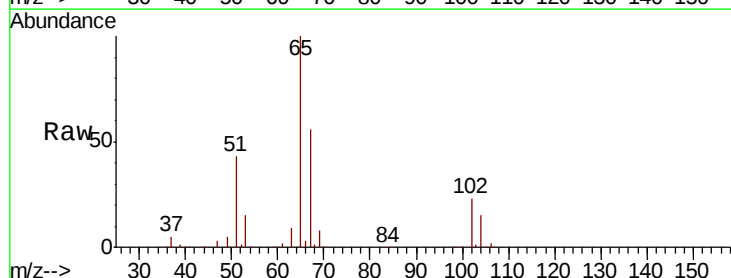
Acq: 02 Apr 2020 17:06

Tgt Ion: 65 Resp: 75811

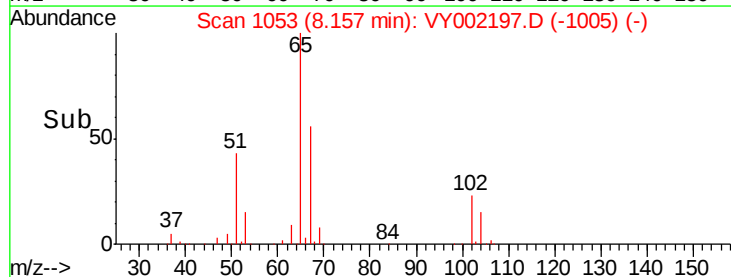
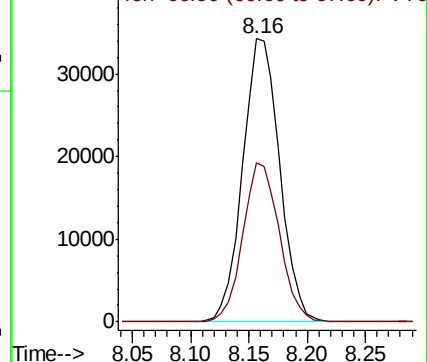
Ion Ratio Lower Upper

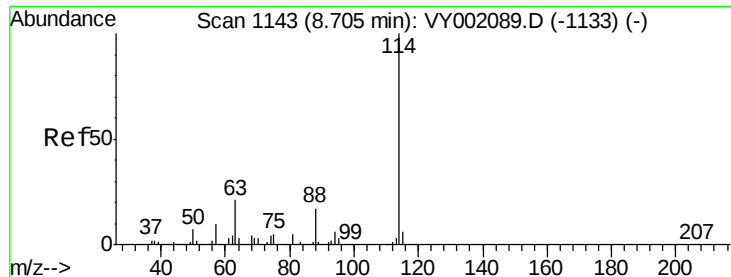
65 100

67 55.3 0.0 112.8



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

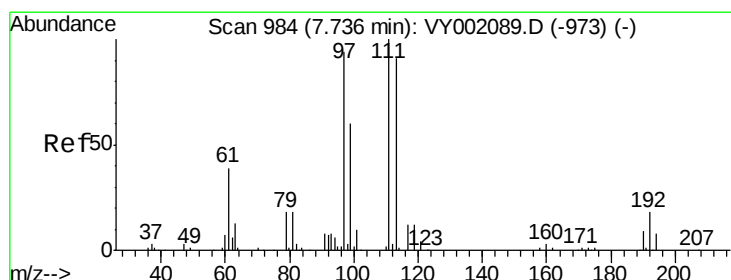
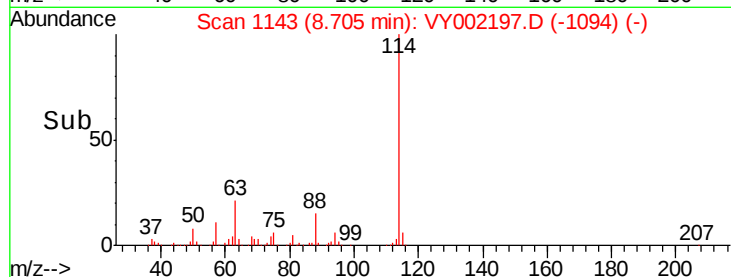
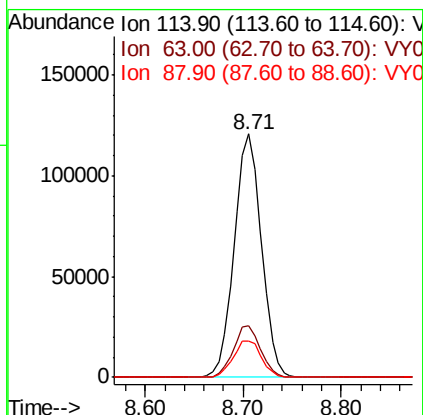
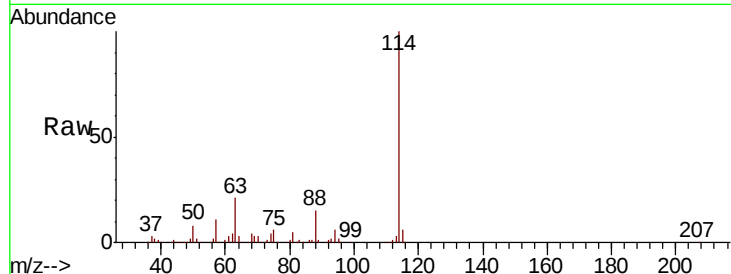




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY002197.D
 Acq: 02 Apr 2020 17:06

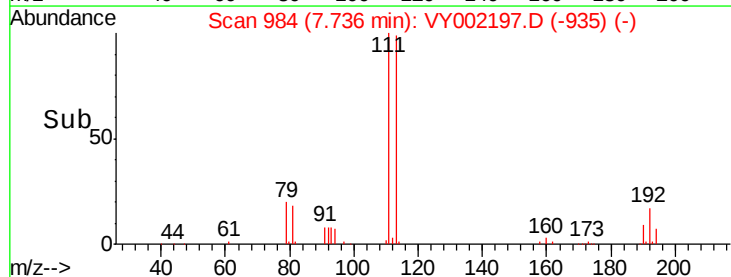
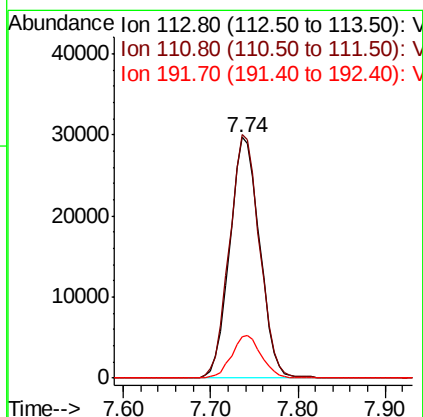
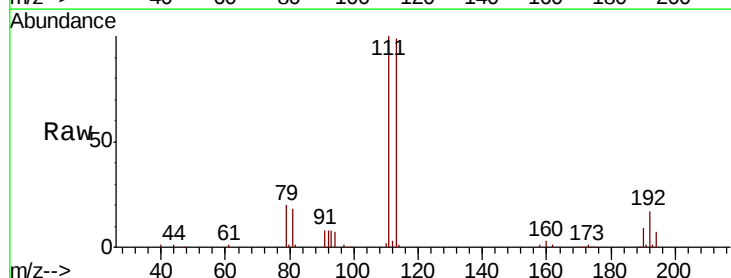
Instrument :
 MSVOA_Y
 ClientSampleId :

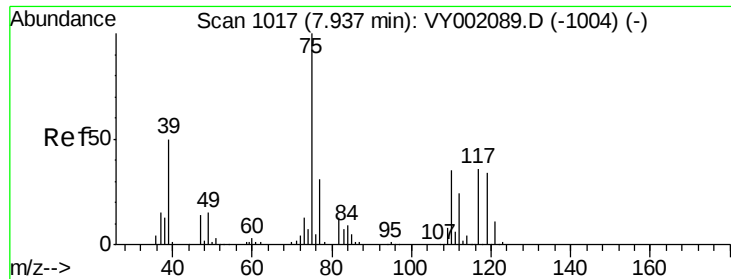
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	41.4
88	14.9	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 54.177 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: VY002197.D
 Acq: 02 Apr 2020 17:06

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	84.4	126.6
192	17.6	14.6	21.8

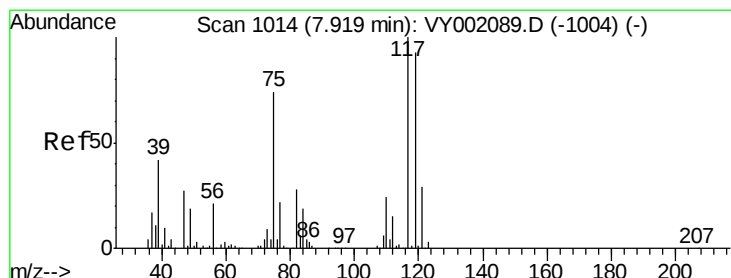
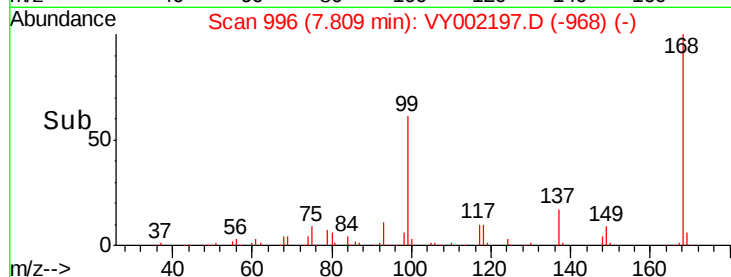
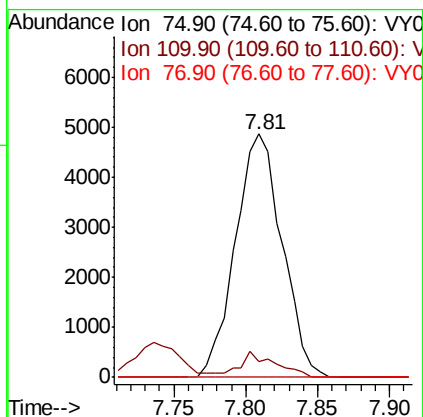
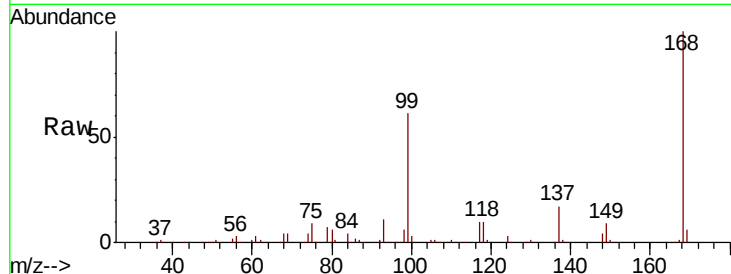




#36
 1,1-Dichloropropene
 Concen: 4.978 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.13 min
 Lab File: VY002197.D
 Acq: 02 Apr 2020 17:06

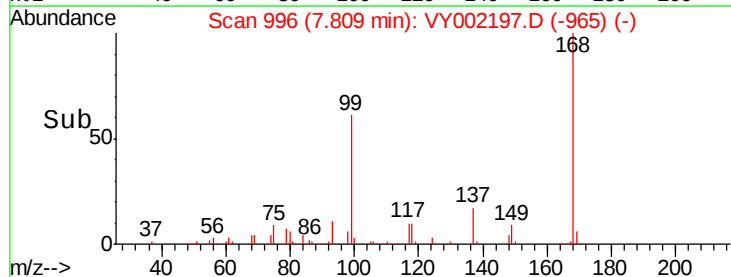
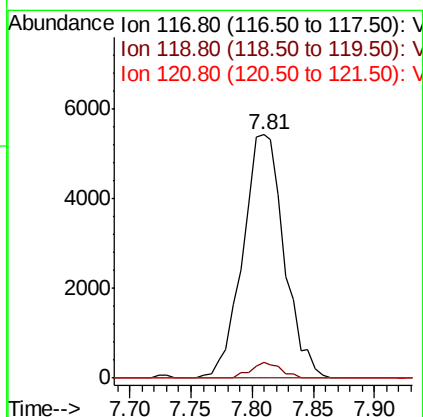
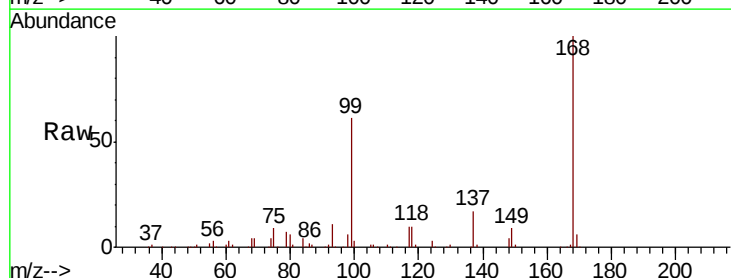
Instrument :
 MSVOA_Y
 ClientSampleId :

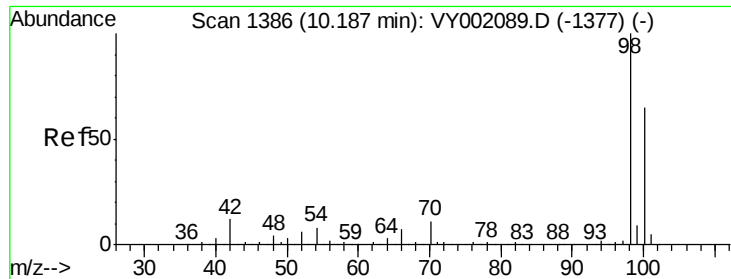
Tot Ion	75	Resp	10951
Ion Ratio	Lower	Upper	
75	100		
110	7.9	17.2	51.6#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.822 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.11 min
 Lab File: VY002197.D
 Acq: 02 Apr 2020 17:06

Tgt Ion	117	Resp	12731
Ion Ratio	Lower	Upper	
117	100		
119	6.6	74.3	111.5#
121	0.0	23.3	34.9#





#50

Toluene-d8

Concen: 51.510 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002197.D

Acq: 02 Apr 2020 17:06

Instrument :

MSVOA_Y

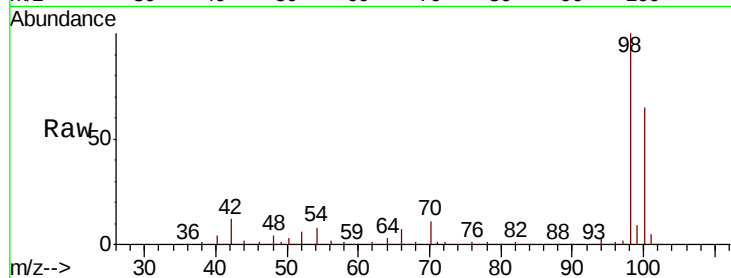
ClientSampleId :

Tot Ion: 98 Resp: 278834

Ion Ratio Lower Upper

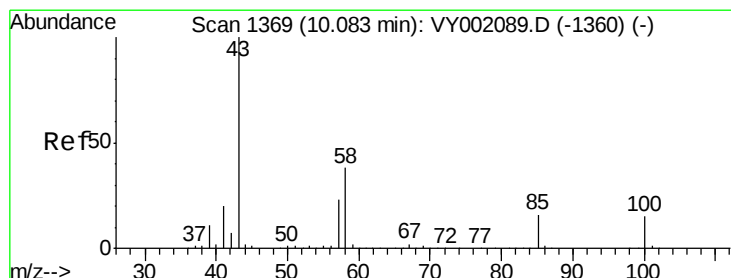
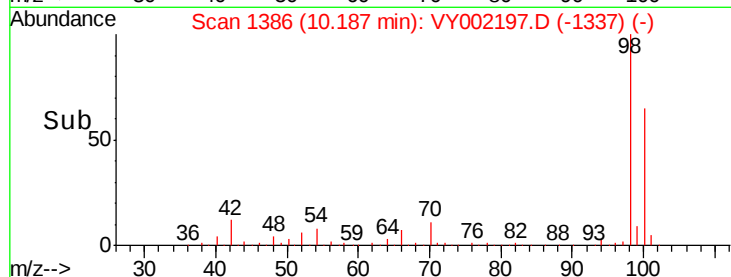
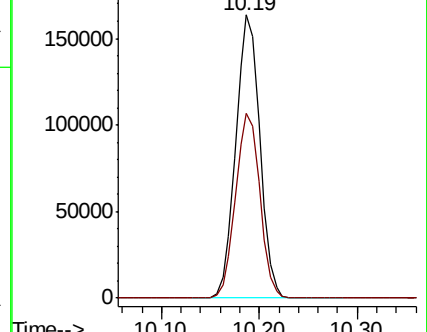
98 100

100 66.0 51.6 77.4



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

Ion 100.00 (99.70 to 100.70): VY002197.D (-1320) (-)



#51

4-Methyl-2-Pentanone

Concen: 1.038 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.10 min

Lab File: VY002197.D

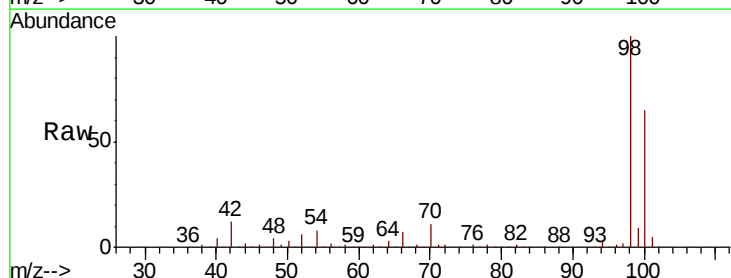
Acq: 02 Apr 2020 17:06

Tgt Ion: 43 Resp: 1319

Ion Ratio Lower Upper

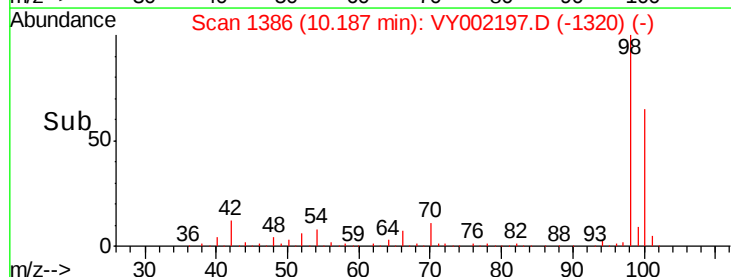
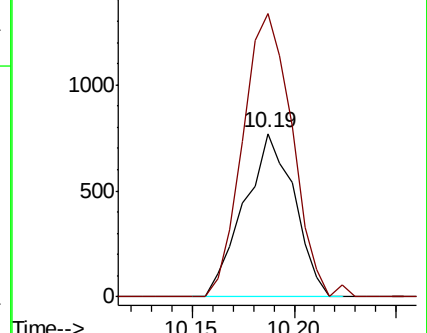
43 100

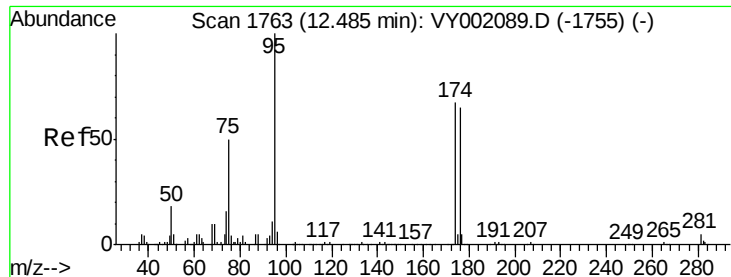
58 170.1 31.6 47.4#



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

Ion 58.00 (57.70 to 58.70): VY002197.D (-1320) (-)

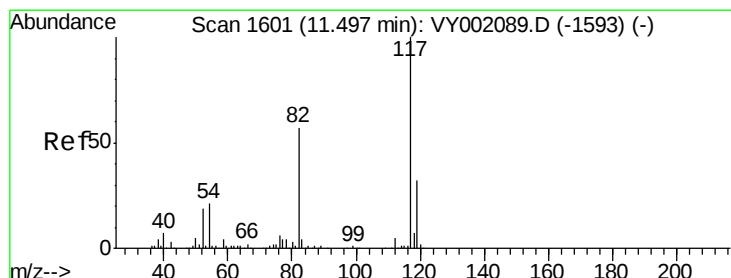
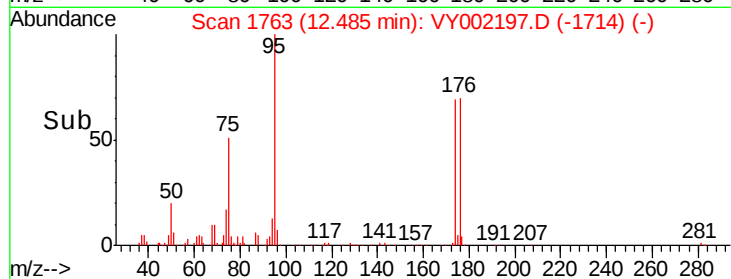
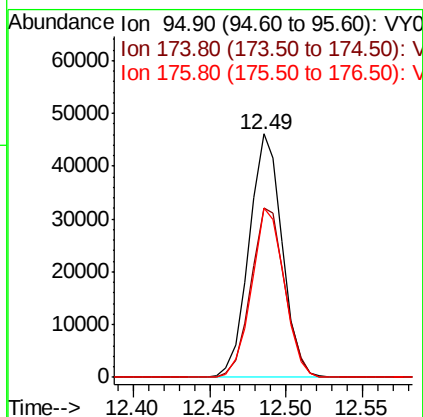
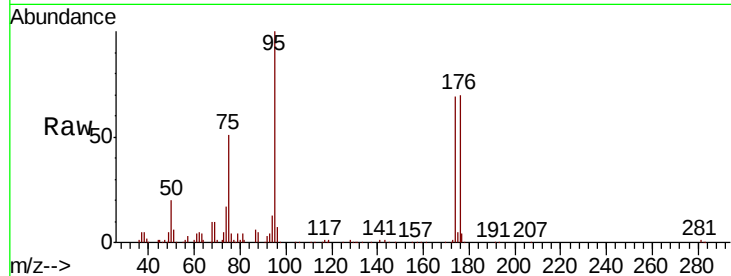




#62
4-Bromofluorobenzene
Concen: 36.557 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VY002197.D
Acq: 02 Apr 2020 17:06

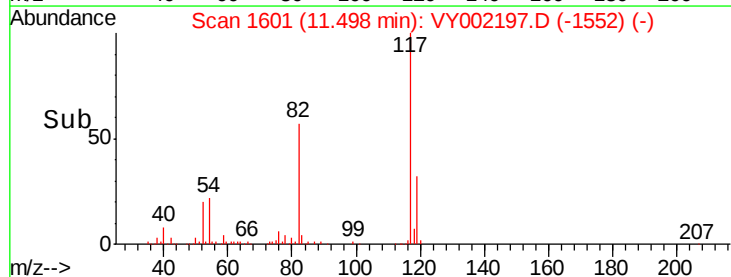
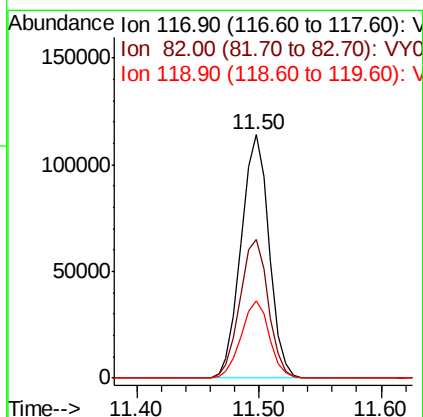
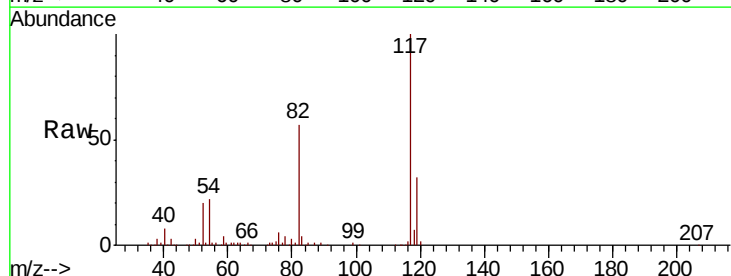
Instrument :
MSVOA_Y
ClientSampleId :

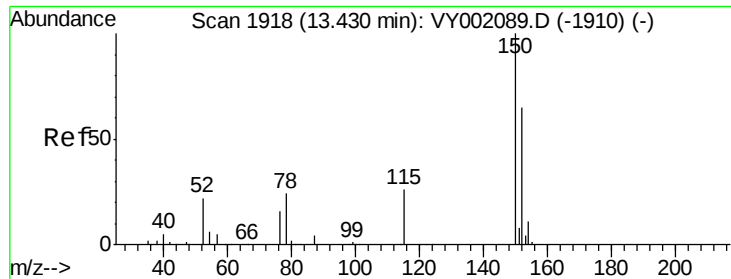
Tot Ion: 95 Resp: 69210
Ion Ratio Lower Upper
95 100
174 71.1 0.0 143.4
176 68.7 0.0 137.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002197.D
Acq: 02 Apr 2020 17:06

Tgt Ion: 117 Resp: 181179
Ion Ratio Lower Upper
117 100
82 57.1 45.4 68.2
119 31.6 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: VY002197.D

Acq: 02 Apr 2020 17:06

Instrument :

MSVOA_Y

ClientSampleId :

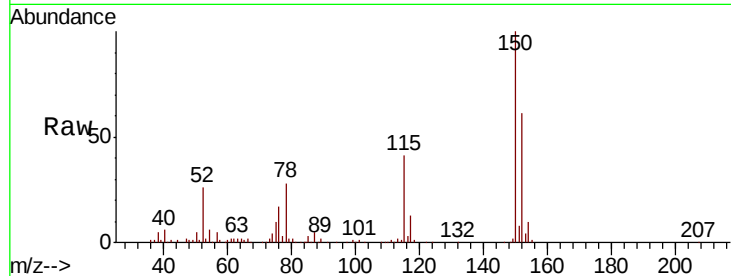
Tot Ion:152 Resp: 52959

Ion Ratio Lower Upper

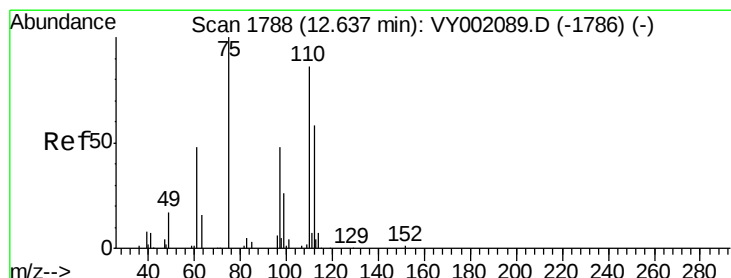
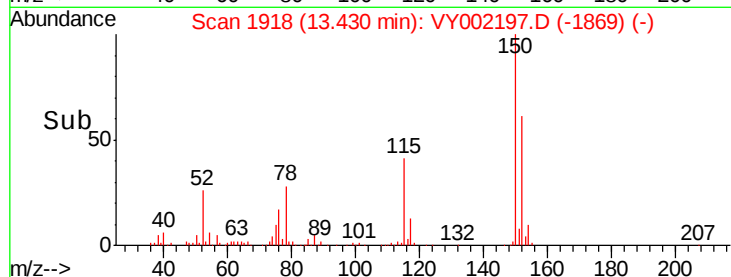
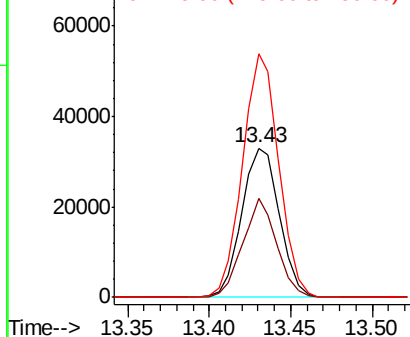
152 100

115 59.9 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: 59.194 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY002197.D

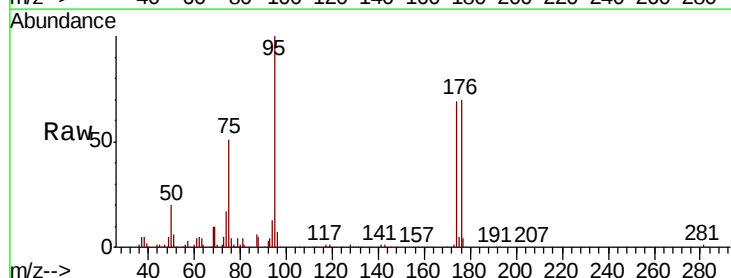
Acq: 02 Apr 2020 17:06

Tgt Ion: 75 Resp: 35066

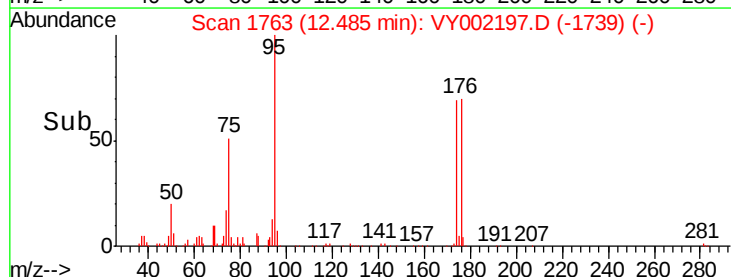
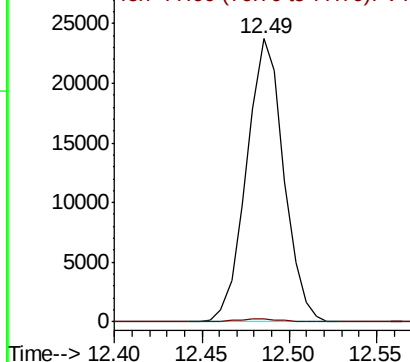
Ion Ratio Lower Upper

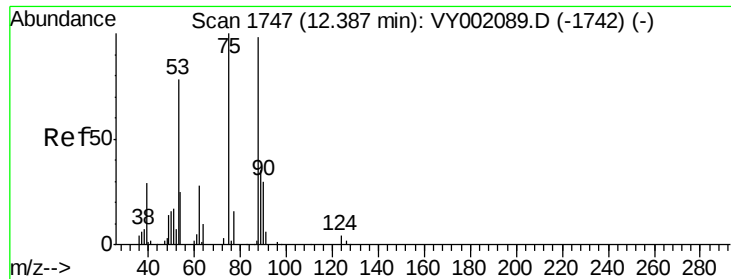
75 100

77 1.2 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: 114.679 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002197.D

Acq: 02 Apr 2020 17:06

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 35066

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.4#

89 0.0 33.4 50.0#

