

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
 Data File : VY002177.D
 Acq On : 01 Apr 2020 20:32
 Operator : SY/MD
 Sample : L2129-41
 Misc : 6.80G/5ML/MSVOA Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 02 06:25:28 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

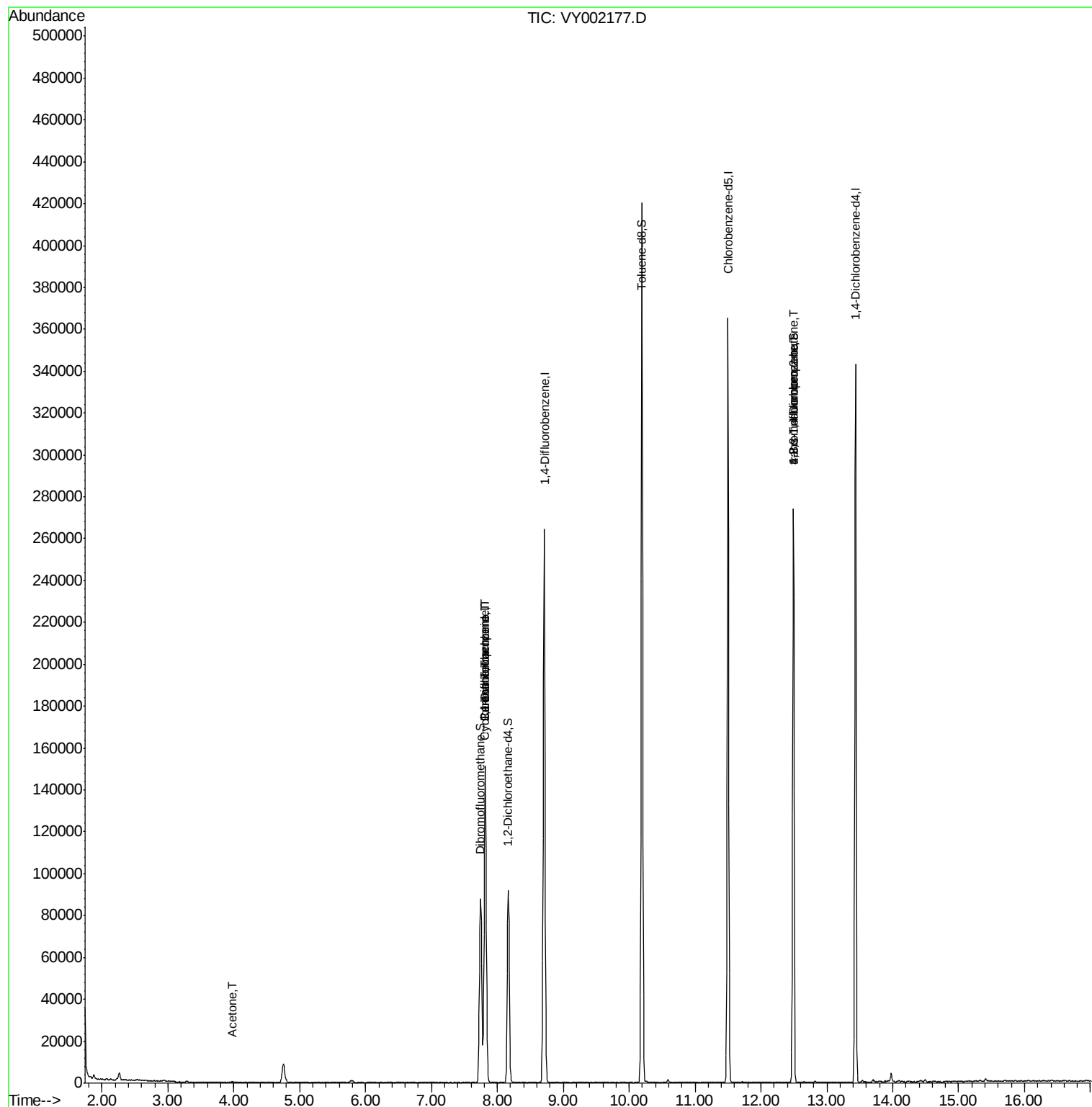
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	113650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	222268	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	197760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	80946	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	68734	54.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.42%	
35) Dibromofluoromethane	7.74	113	63875	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
50) Toluene-d8	10.19	98	271401	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	
62) 4-Bromofluorobenzene	12.49	95	84998	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
Target Compounds						
16) Acetone	3.97	43	706	2.000	ug/l	99
20) Methylene Chloride	4.76	84	6161	Below Cal		87
31) Cyclohexane	7.80	56	2717	1.038	ug/l #	33
36) 1,1-Dichloropropene	7.81	75	9914	4.716	ug/l #	50
38) Carbon Tetrachloride	7.82	117	11790	6.610	ug/l #	18
76) 1,2,3-Trichloropropane	12.49	75	44756	49.429	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	44756	95.762	ug/l #	17

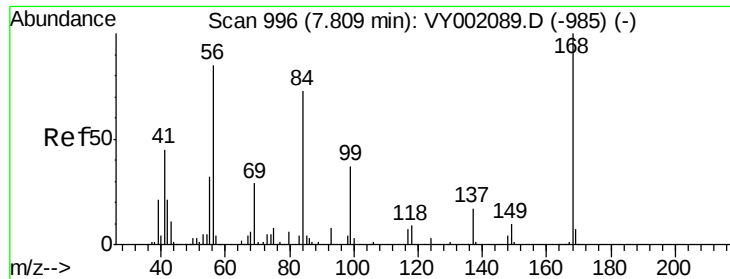
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002177.D

Acq: 01 Apr 2020 20:32

Instrument :

MSVOA_Y

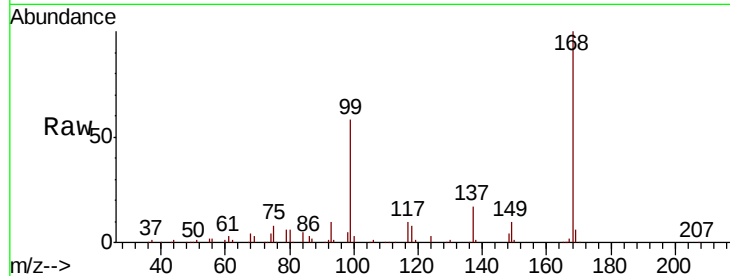
ClientSampled :

Tot Ion:168 Resp: 113650

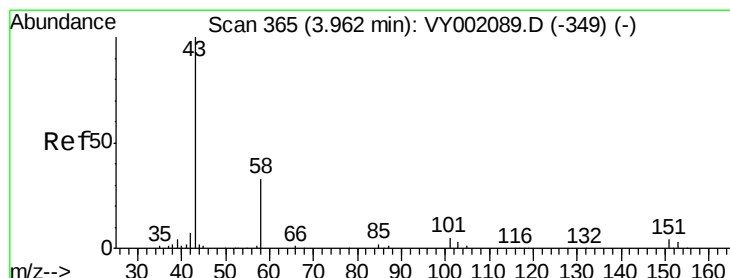
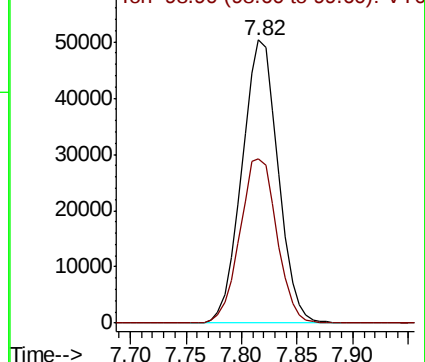
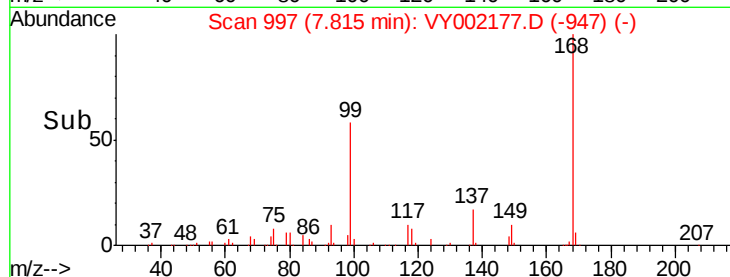
Ion Ratio Lower Upper

168 100

99 58.1 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002177.D (-947) (-)



#16

Acetone

Concen: 2.000 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002177.D

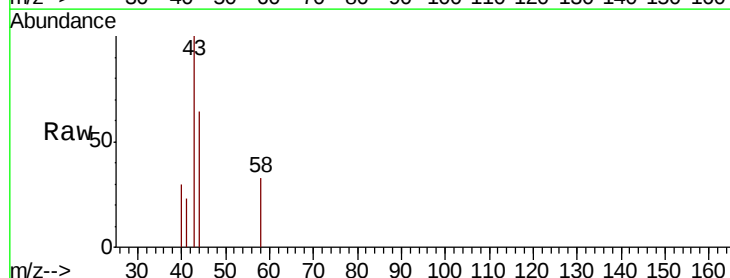
Acq: 01 Apr 2020 20:32

Tgt Ion: 43 Resp: 706

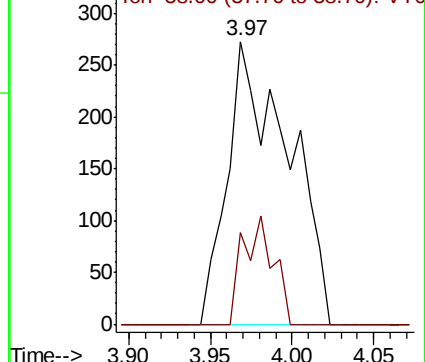
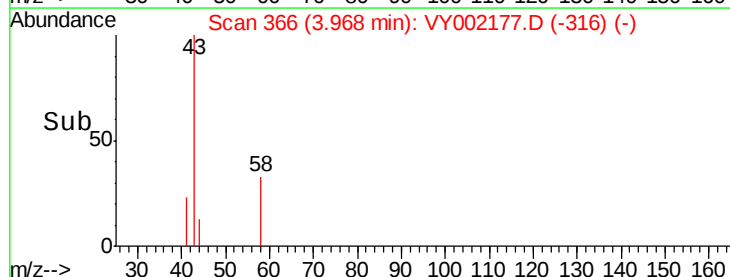
Ion Ratio Lower Upper

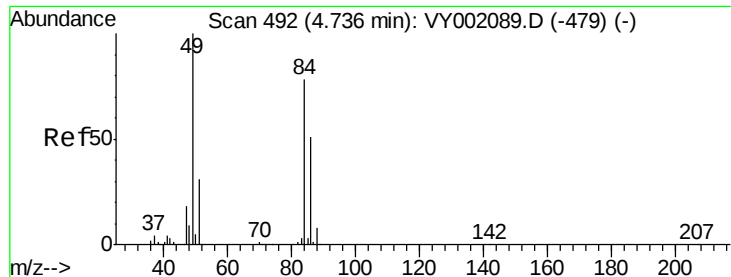
43 100

58 32.6 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VY002177.D (-316) (-)

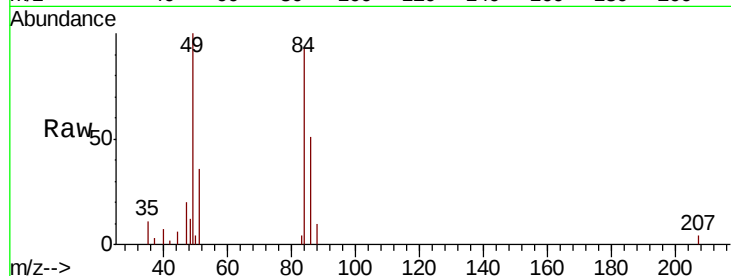




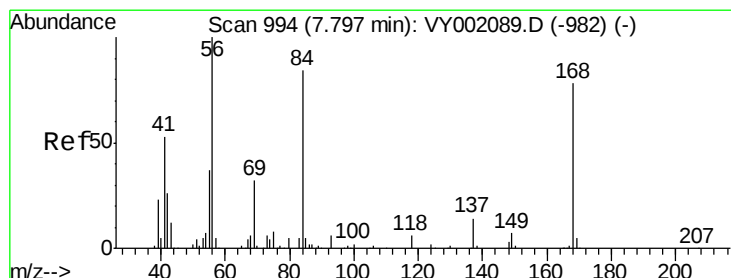
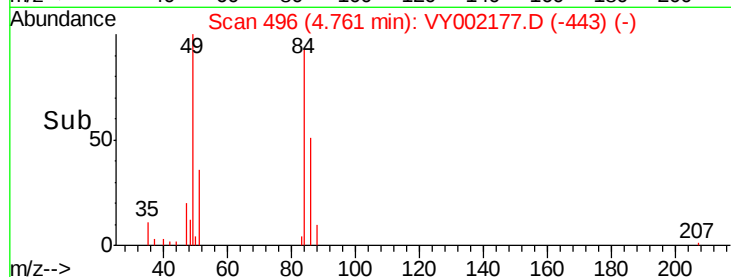
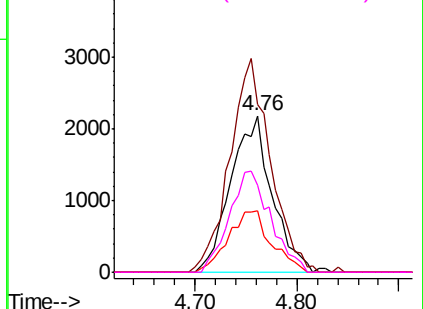
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.76 min Scan# 496
Delta R.T. 0.02 min
Lab File: VY002177.D
Acq: 01 Apr 2020 20:32

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 84 Resp: 6161
Ion Ratio Lower Upper
84 100
49 107.4 102.2 153.4
51 39.0 31.2 46.8
86 55.3 52.6 78.8

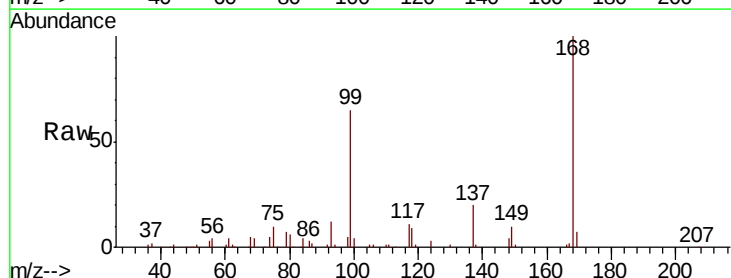


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

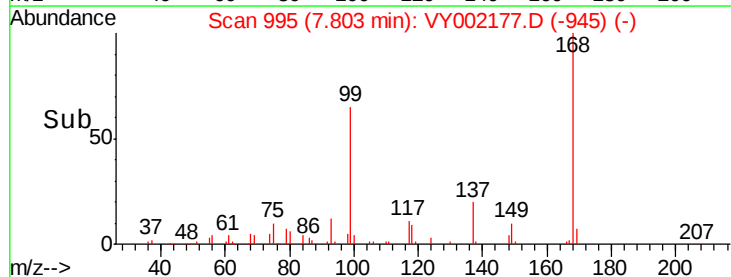
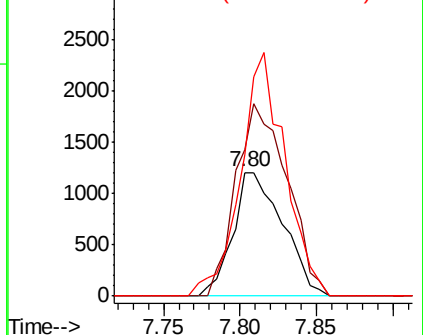


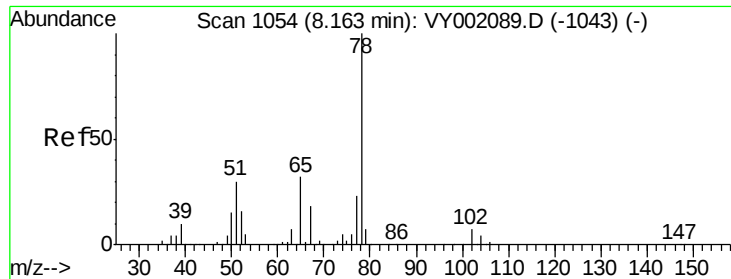
#31
Cyclohexane
Concen: 1.038 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY002177.D
Acq: 01 Apr 2020 20:32

Tgt Ion: 56 Resp: 2717
Ion Ratio Lower Upper
56 100
69 118.3 25.8 38.8#
84 113.9 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

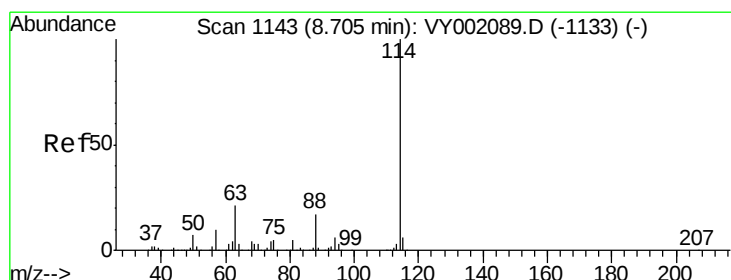
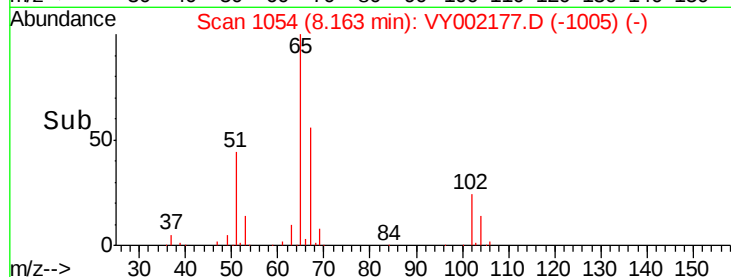
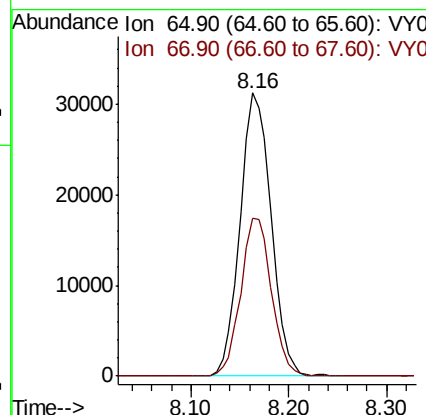
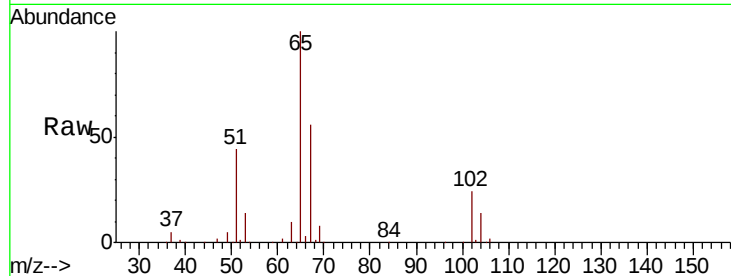




#33
 1,2-Dichloroethane-d4
 Concen: 54.708 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VY002177.D
 Acq: 01 Apr 2020 20:32

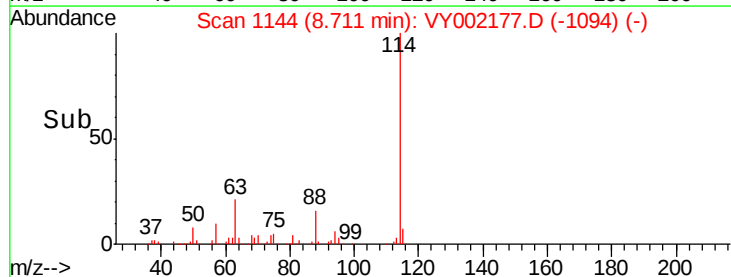
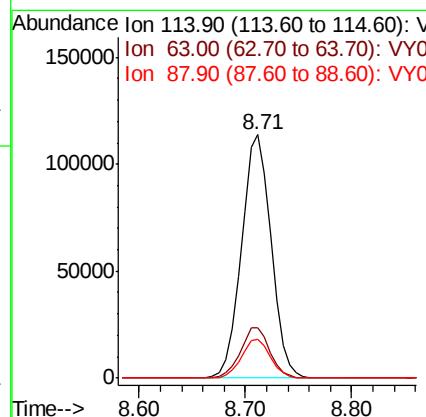
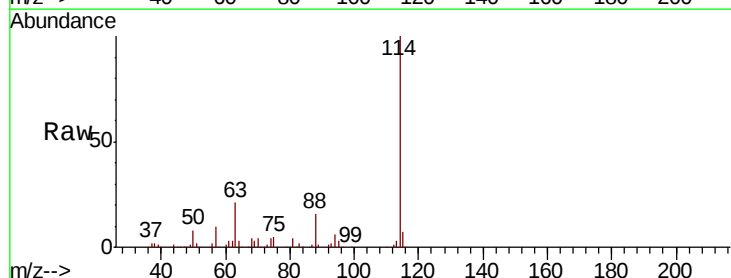
Instrument :
 MSVOA_Y
 ClientSampleId :

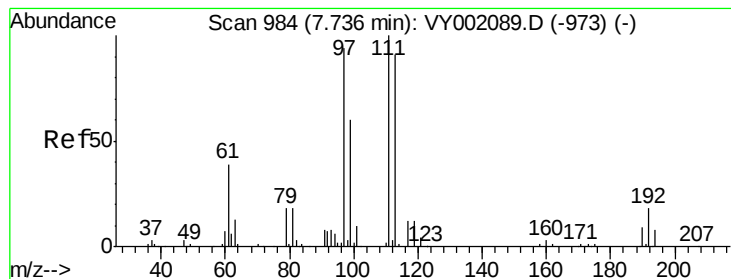
Tot Ion: 65 Resp: 68734
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002177.D
 Acq: 01 Apr 2020 20:32

Tgt Ion: 114 Resp: 222268
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.4
 88 16.0 0.0 33.0





#35

Dibromofluoromethane

Concen: 51.289 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002177.D

Acq: 01 Apr 2020 20:32

Instrument :

MSVOA_Y

ClientSampleId :

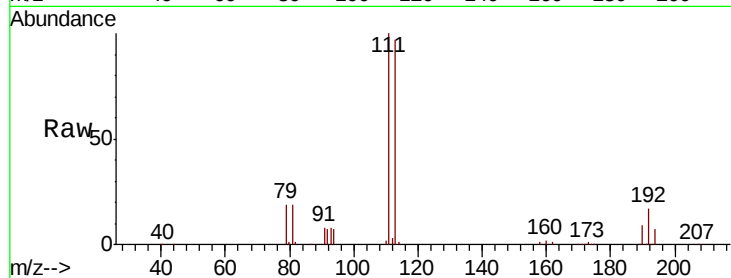
Tot Ion:113 Resp: 63875

Ion Ratio Lower Upper

113 100

111 102.8 84.4 126.6

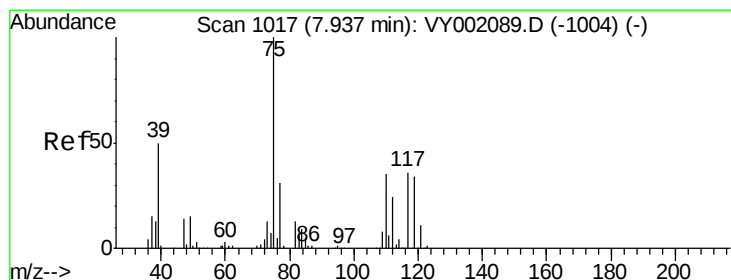
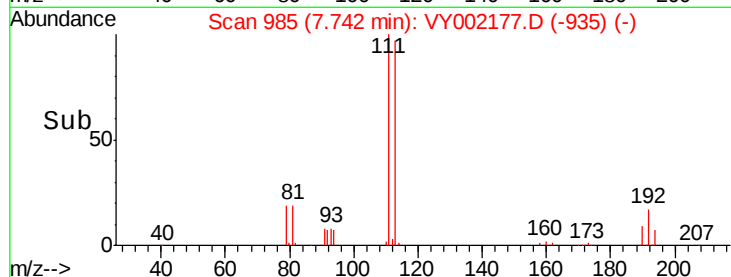
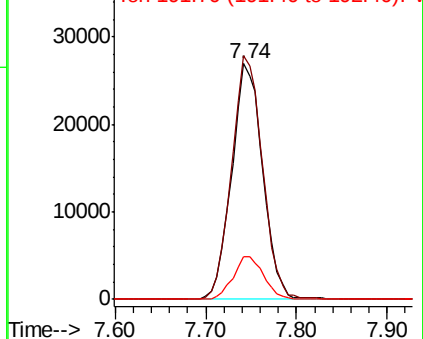
192 17.9 14.6 21.8



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: 4.716 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.13 min

Lab File: VY002177.D

Acq: 01 Apr 2020 20:32

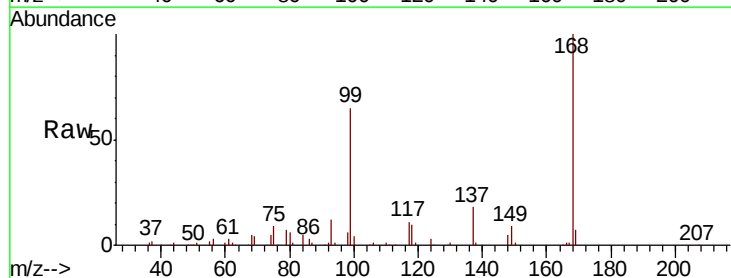
Tgt Ion: 75 Resp: 9914

Ion Ratio Lower Upper

75 100

110 8.9 17.2 51.6#

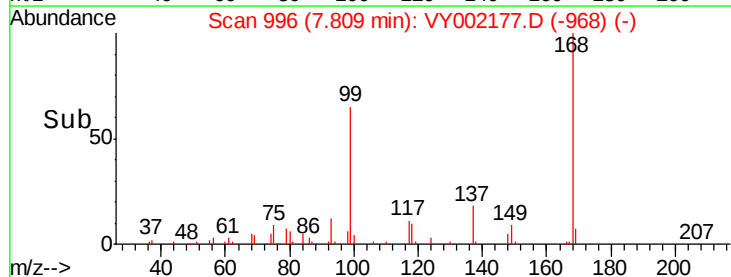
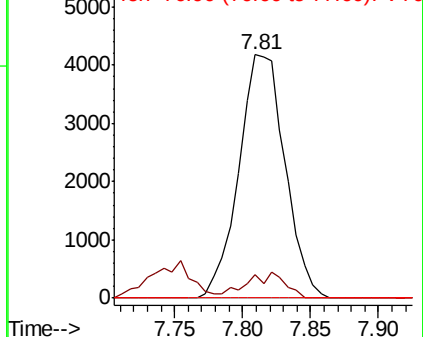
77 0.0 24.7 37.1#

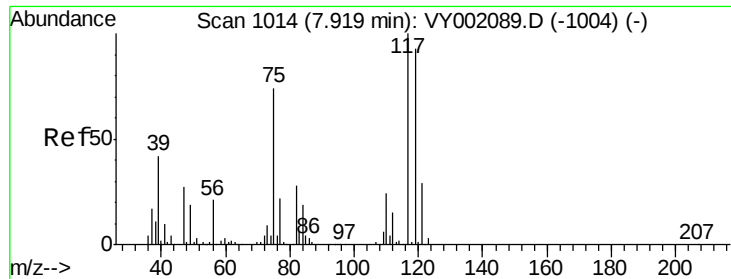


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

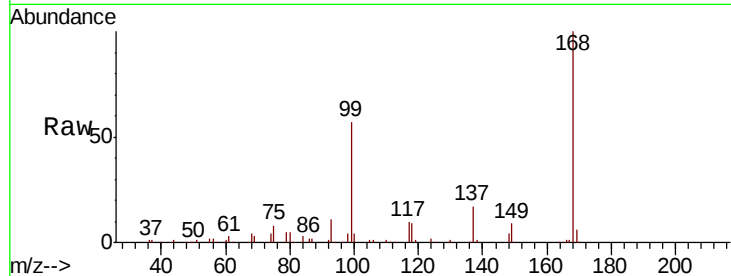




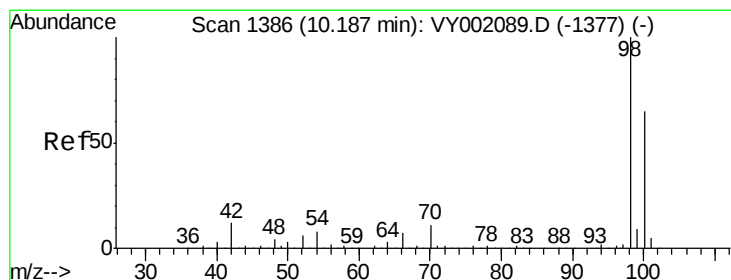
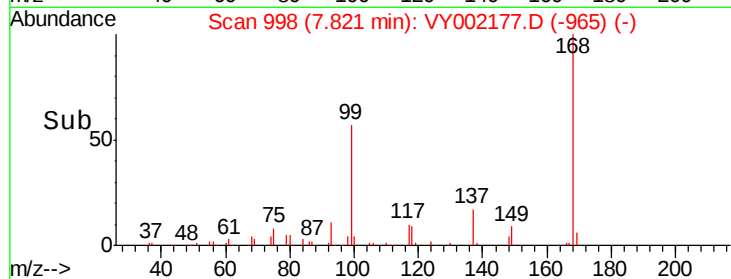
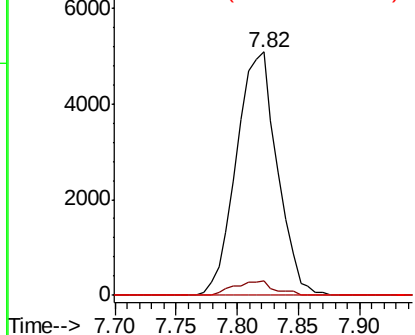
#38
Carbon Tetrachloride
Concen: 6.610 ug/l
RT: 7.82 min Scan# 998
Delta R.T. -0.10 min
Lab File: VY002177.D
Acq: 01 Apr 2020 20:32

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 11790
Ion Ratio Lower Upper
117 100
119 5.8 74.3 111.5#
121 0.0 23.3 34.9#

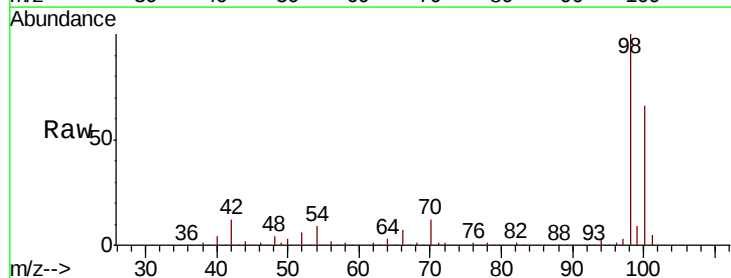


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

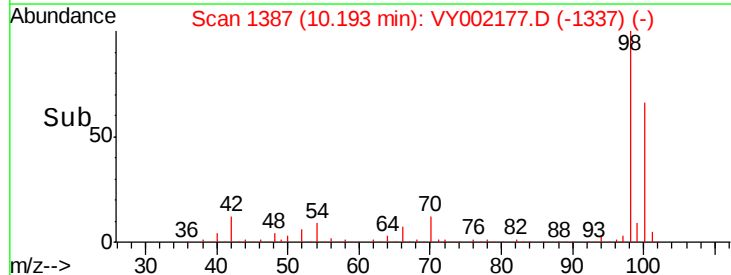
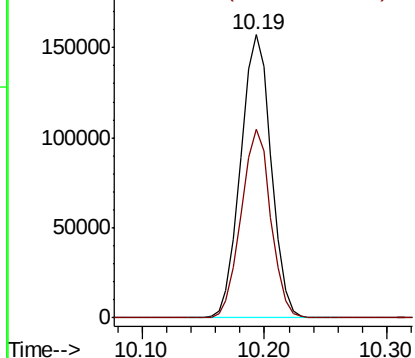


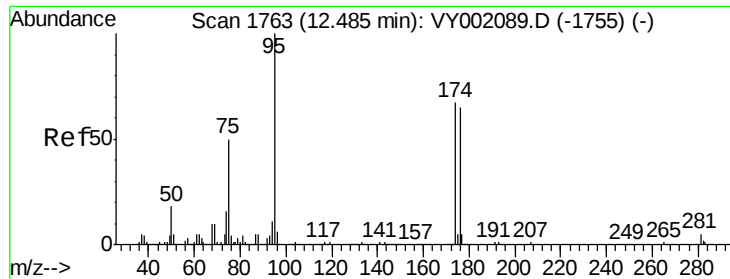
#50
Toluene-d8
Concen: 52.458 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY002177.D
Acq: 01 Apr 2020 20:32

Tgt Ion: 98 Resp: 271401
Ion Ratio Lower Upper
98 100
100 64.8 51.6 77.4



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

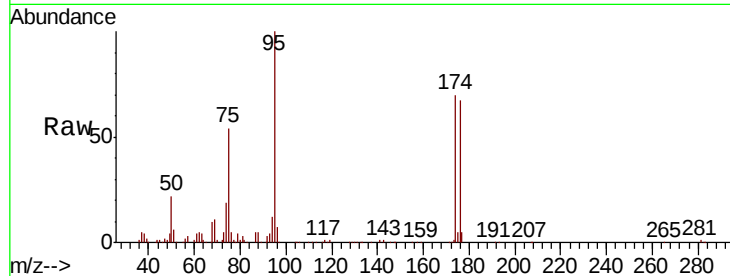




#62
4-Bromofluorobenzene
Concen: 46.975 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY002177.D
Acq: 01 Apr 2020 20:32

Instrument :
MSVOA_Y
ClientSampleId :

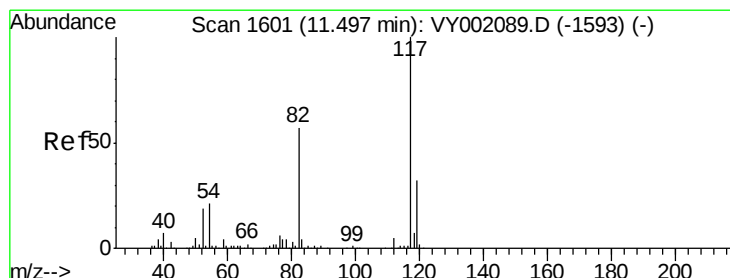
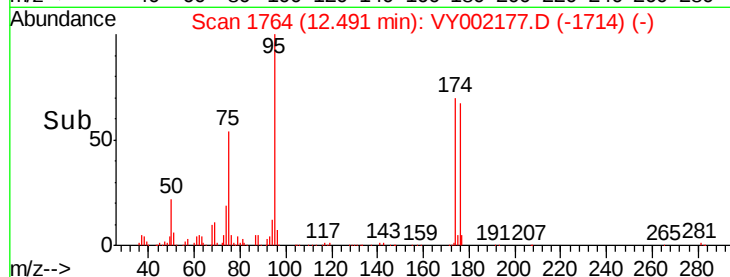
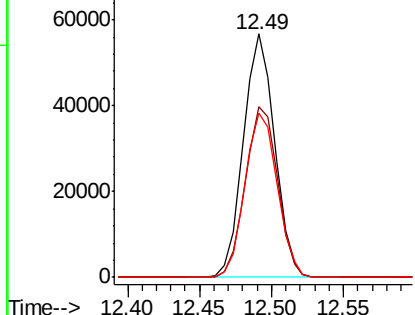
Tot Ion	95	Resp	84998
Ion Ratio	Lower	Upper	
95	100		
174	72.2	0.0	143.4
176	69.9	0.0	137.0



Abundance Ion 94.90 (94.60 to 95.60): VY002177.D (-1755) (-)

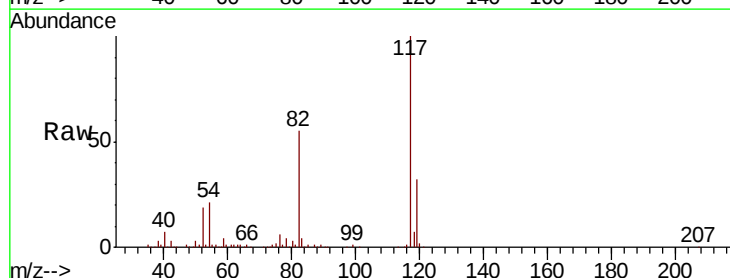
Ion 173.80 (173.50 to 174.50): VY002177.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY002177.D (-1755) (-)



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002177.D
Acq: 01 Apr 2020 20:32

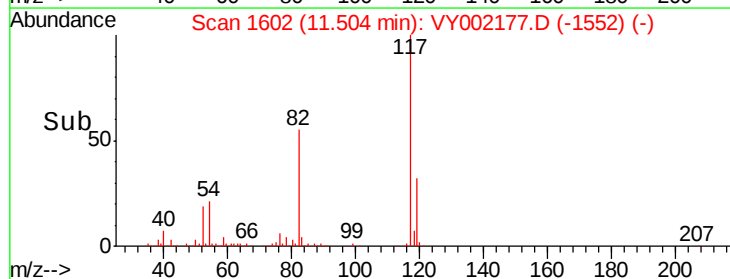
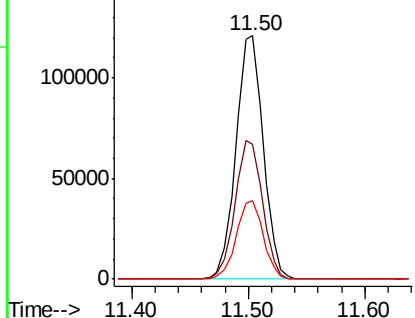
Tgt Ion	117	Resp	197760
Ion Ratio	Lower	Upper	
117	100		
82	55.2	45.4	68.2
119	32.2	25.3	37.9

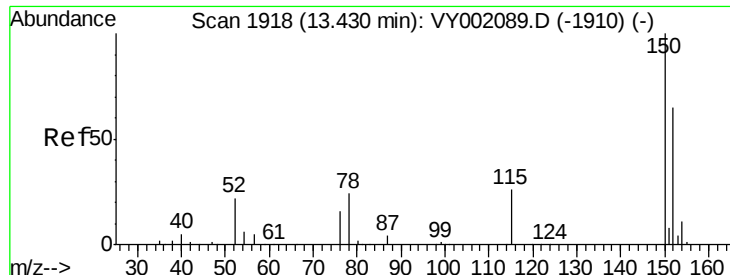


Abundance Ion 116.90 (116.60 to 117.60): VY002177.D (-1552) (-)

Ion 82.00 (81.70 to 82.70): VY002177.D (-1552) (-)

Ion 118.90 (118.60 to 119.60): VY002177.D (-1552) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002177.D

Acq: 01 Apr 2020 20:32

Instrument :

MSVOA_Y

ClientSampleId :

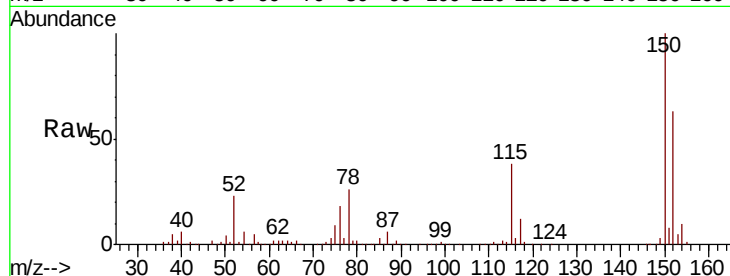
Tot Ion:152 Resp: 80946

Ion Ratio Lower Upper

152 100

115 59.2 31.2 93.6

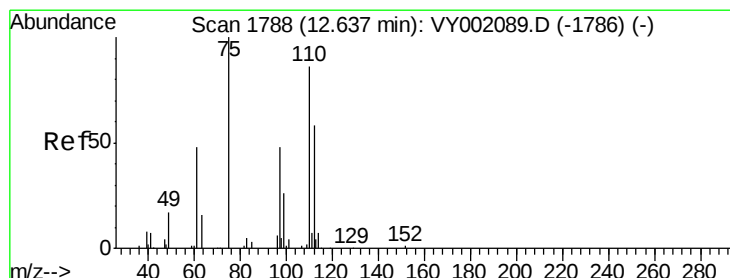
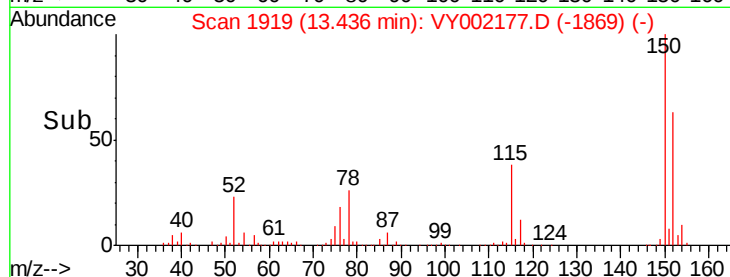
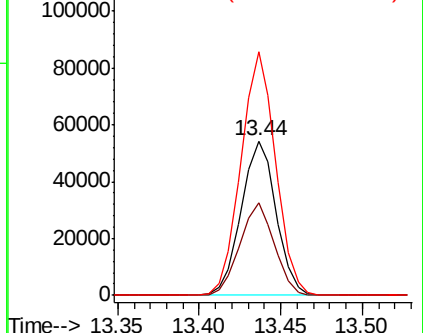
150 156.7 0.0 354.8



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: 49.429 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002177.D

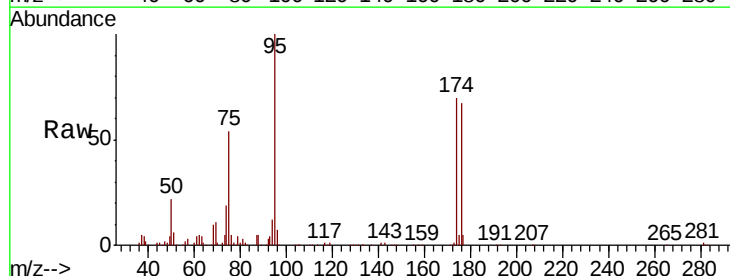
Acq: 01 Apr 2020 20:32

Tgt Ion: 75 Resp: 44756

Ion Ratio Lower Upper

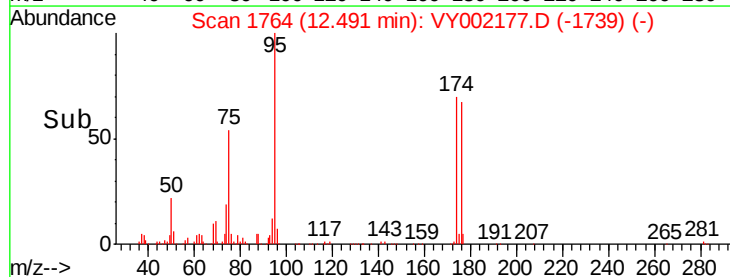
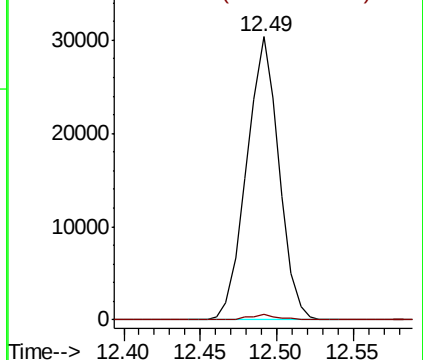
75 100

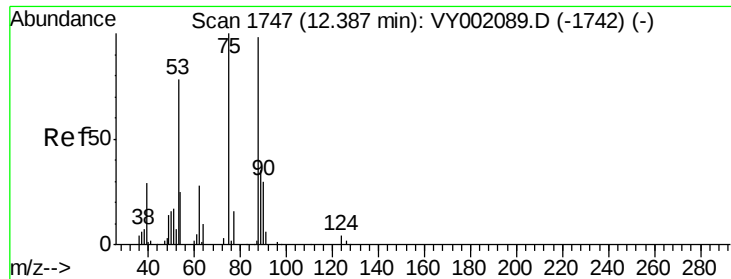
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#81

trans-1,4-Dichloro-2-butene

Concen: 95.762 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002177.D

Acq: 01 Apr 2020 20:32

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 44756

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.4#

89 0.3 33.4 50.0#

