

Data File : VY002447.D
Acq On : 21 Apr 2020 20:32
Operator : SY/MD
Sample : L2350-05RE
Misc : 6.60G/5ML/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-5-D2

Quant Time: Apr 22 02:39:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 20 15:14:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	209898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	333599	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	290946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	129246	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	86919	56.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.88%	
35) Dibromofluoromethane	7.74	113	92263	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	
50) Toluene-d8	10.19	98	375079	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
62) 4-Bromofluorobenzene	12.49	95	111372	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	

Target Compounds

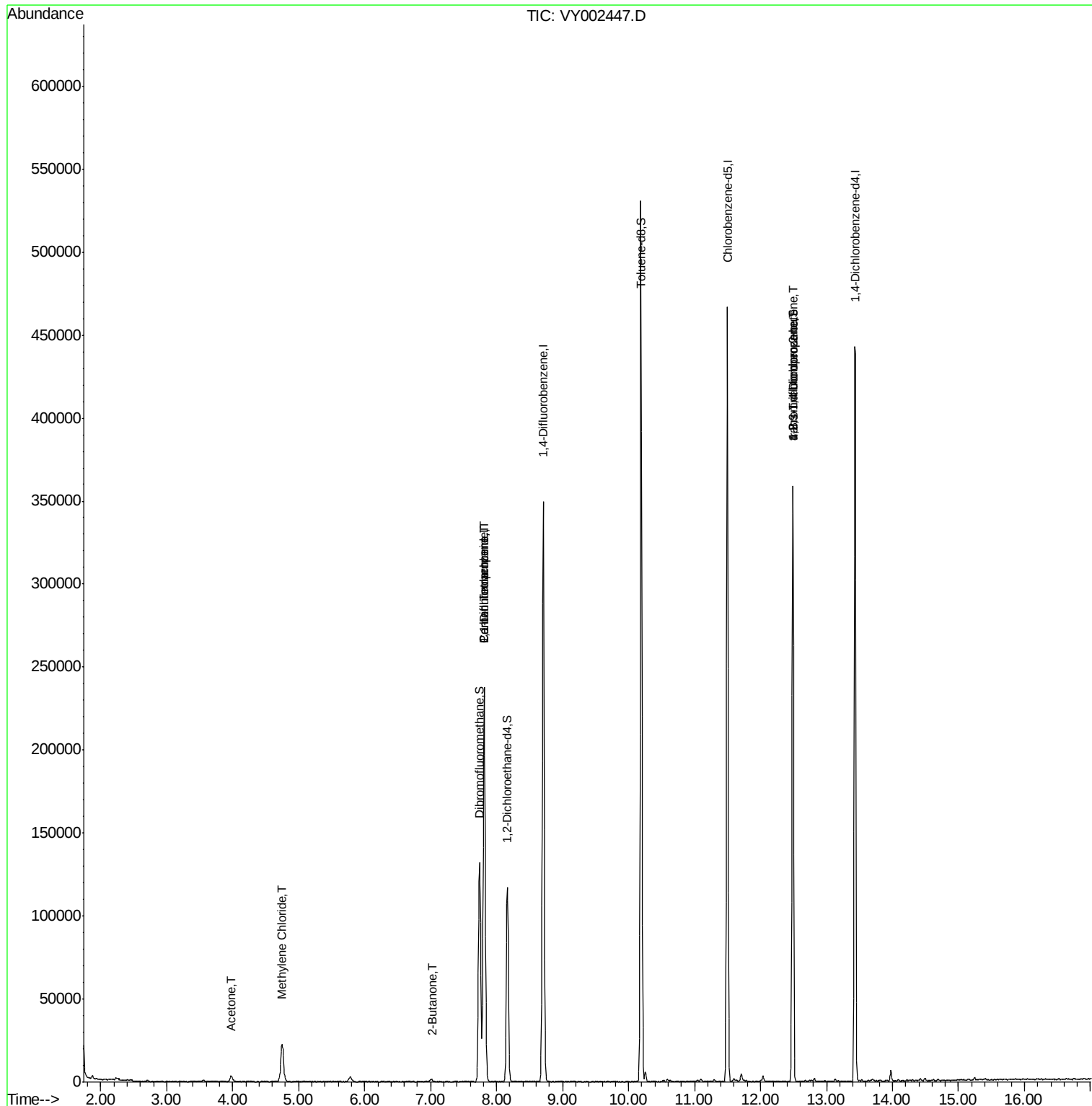
						Qvalue
16) Acetone	3.98	43	5766	14.134	ug/l	93
20) Methylene Chloride	4.75	84	20072	8.793	ug/l #	85
25) 2-Butanone	7.02	43	611	1.051	ug/l #	87
36) 1,1-Dichloropropene	7.82	75	12061	4.493	ug/l #	47
38) Carbon Tetrachloride	7.81	117	17635	6.522	ug/l #	14
76) 1,2,3-Trichloropropane	12.49	75	50536	44.383	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	50536	86.499	ug/l #	19

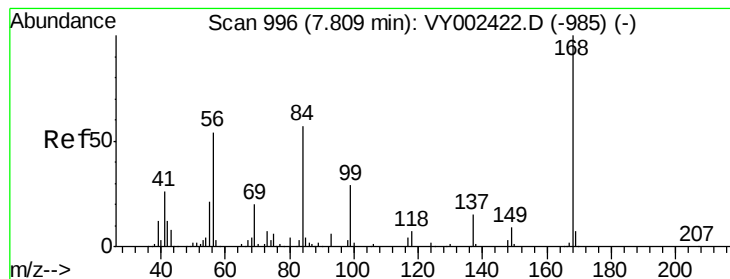
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002447.D

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Instrument :

MSVOA_Y

ClientSampled :

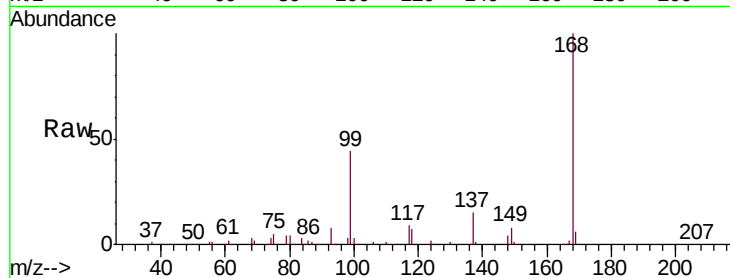
TP-5-D2

Tgt Ion:168 Resp: 209898

Ion Ratio Lower Upper

168 100

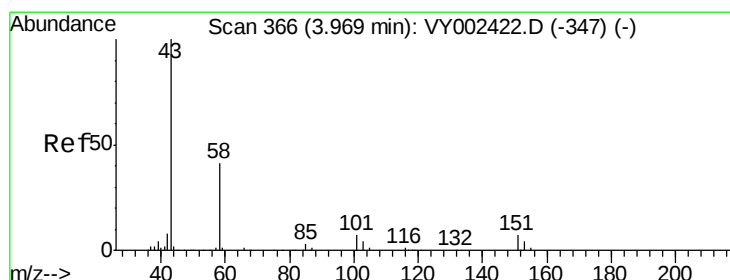
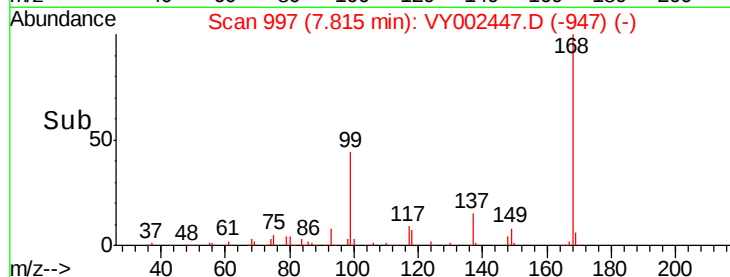
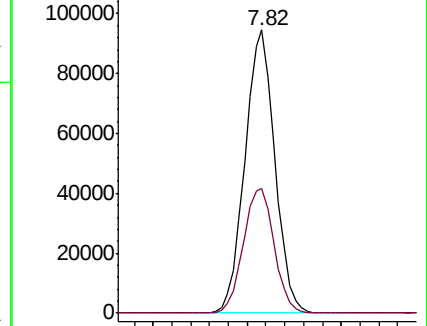
99 43.8 37.0 55.4



Abundance Ion 167.90 (167.60 to 168.60): VY002422.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002422.D (-985) (-)

7.82



#16

Acetone

Concen: 14.134 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY002447.D

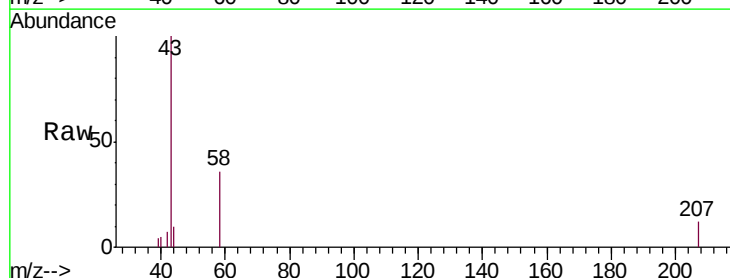
Acq: 21 Apr 2020 20:32

Tgt Ion: 43 Resp: 5766

Ion Ratio Lower Upper

43 100

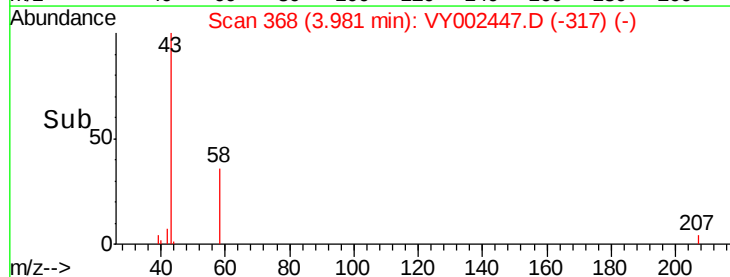
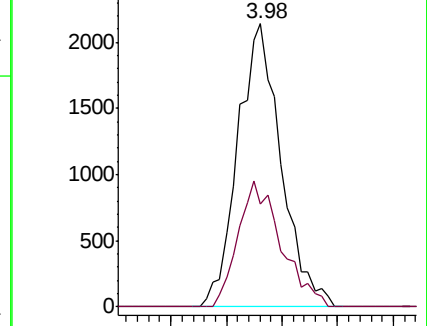
58 36.3 32.6 48.8

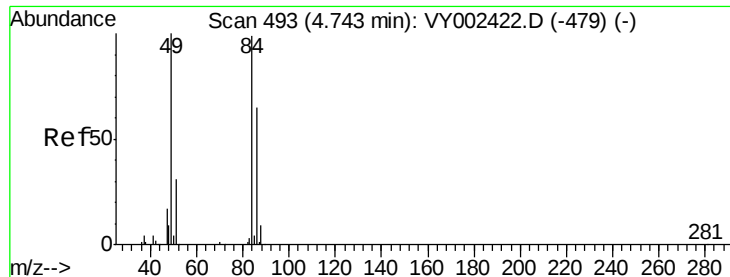


Abundance Ion 43.00 (42.70 to 43.70): VY002422.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002422.D (-347) (-)

3.98

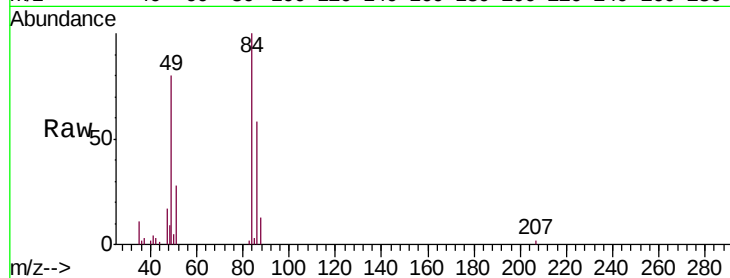




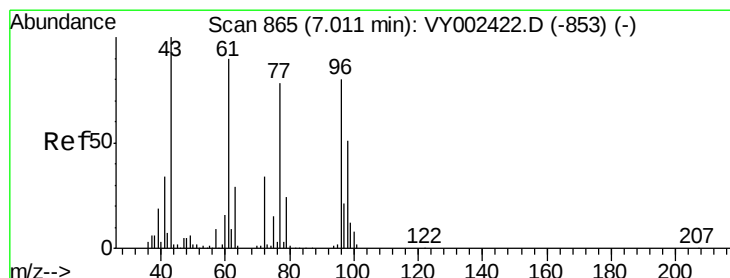
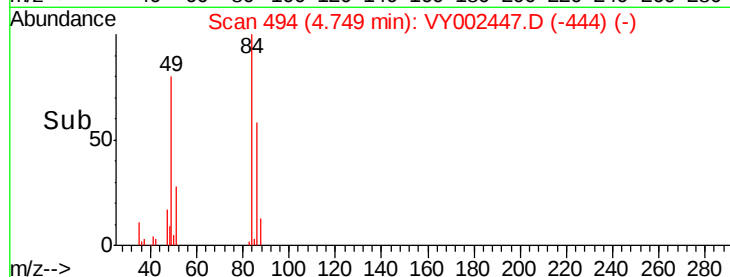
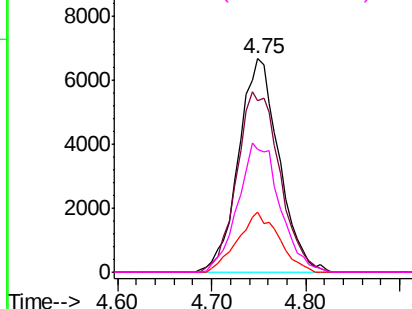
#20
Methylene Chloride
Concen: 8.793 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.01 min
Lab File: VY002447.D
Acq: 21 Apr 2020 20:32

Instrument :
MSVOA_Y
ClientSampled :
TP-5-D2

Tgt Ion: 84 Resp: 20072
Ion Ratio Lower Upper
84 100
49 80.3 81.0 121.6#
51 28.4 24.9 37.3
86 57.6 52.7 79.1

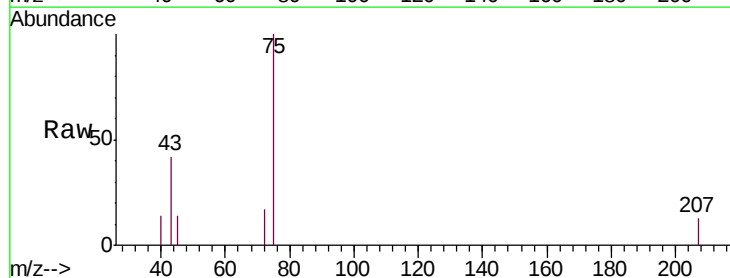


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

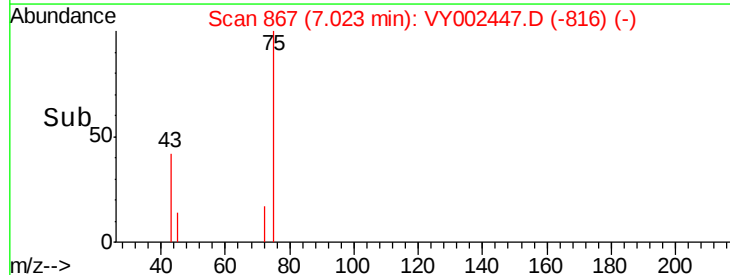
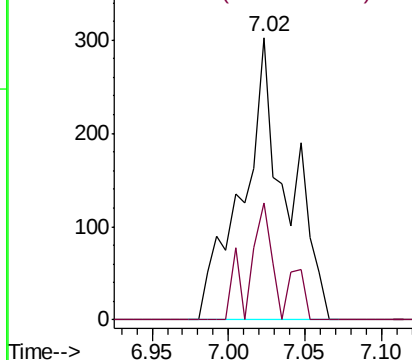


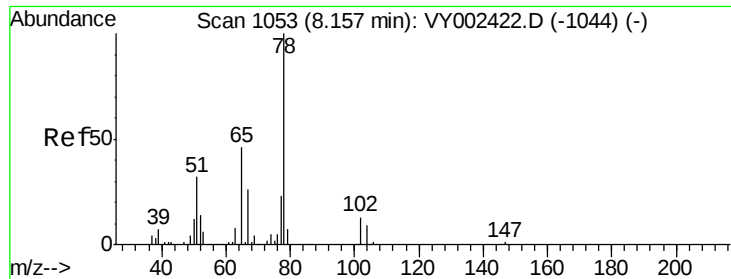
#25
2-Butanone
Concen: 1.051 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY002447.D
Acq: 21 Apr 2020 20:32

Tgt Ion: 43 Resp: 611
Ion Ratio Lower Upper
43 100
72 41.3 27.0 40.6#



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0

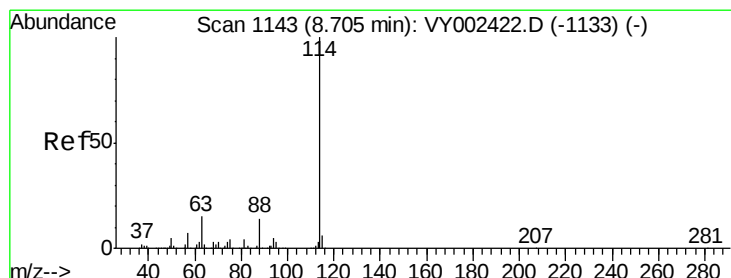
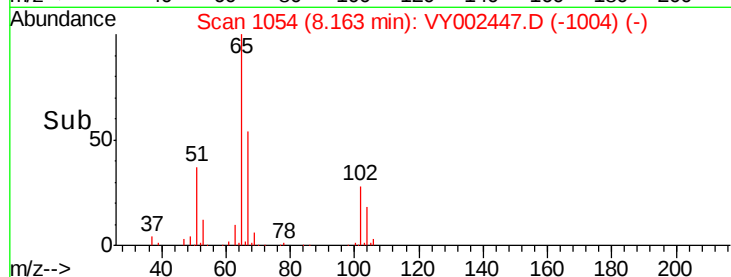
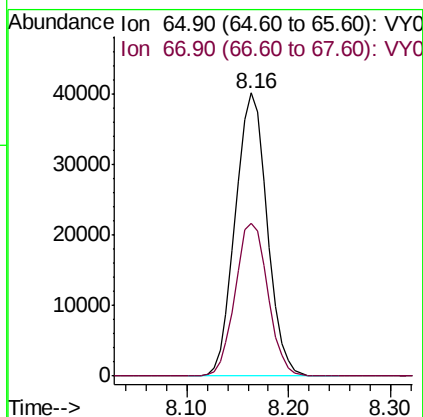
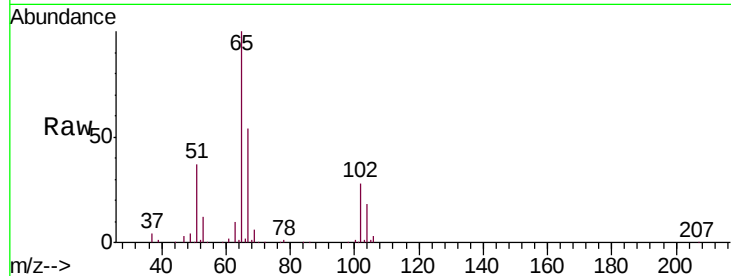




#33
 1,2-Dichloroethane-d4
 Concen: 56.936 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.01 min
 Lab File: VY002447.D
 Acq: 21 Apr 2020 20:32

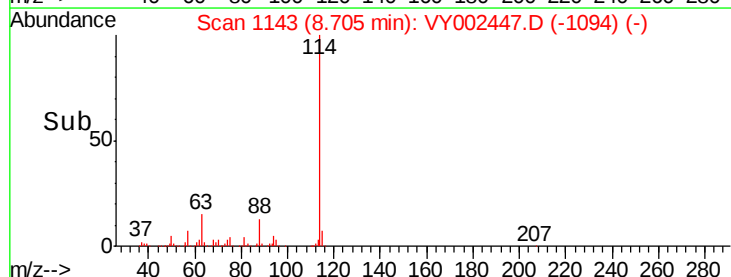
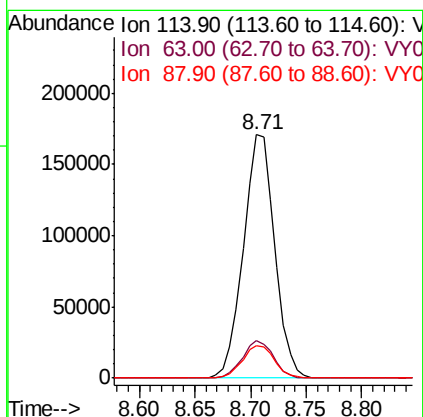
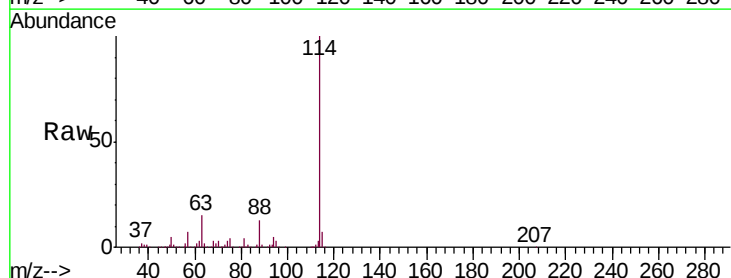
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5-D2

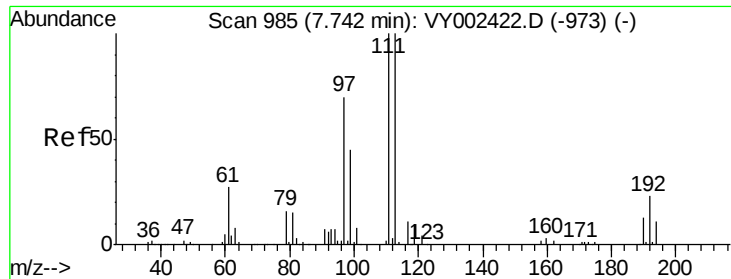
Tgt Ion: 65 Resp: 86919
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY002447.D
 Acq: 21 Apr 2020 20:32

Tgt Ion: 114 Resp: 333599
 Ion Ratio Lower Upper
 114 100
 63 15.2 0.0 31.0
 88 13.5 0.0 28.2

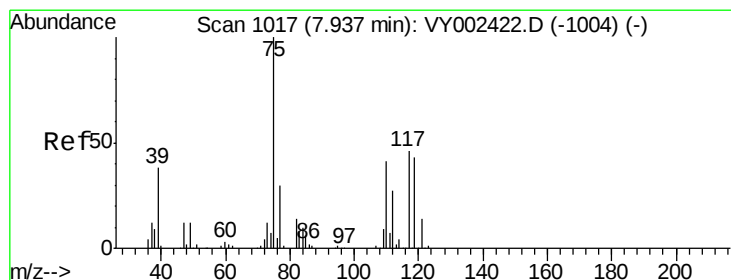
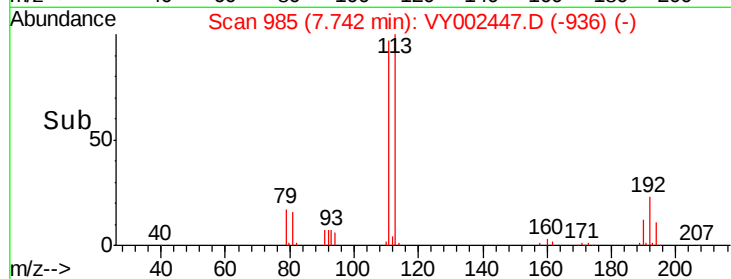
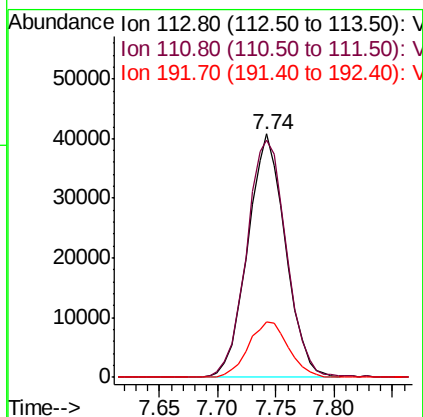
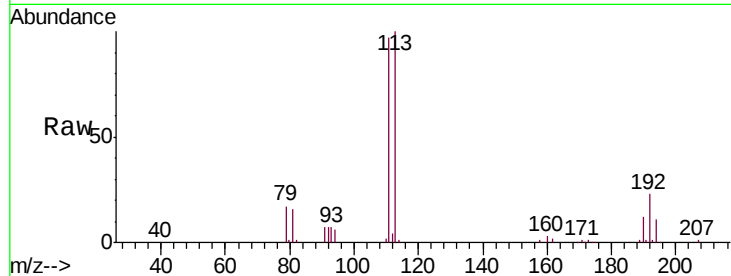




#35
 Dibromofluoromethane
 Concen: 52.581 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: VY002447.D
 Acq: 21 Apr 2020 20:32

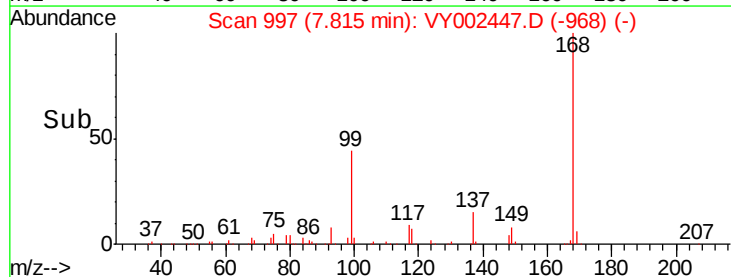
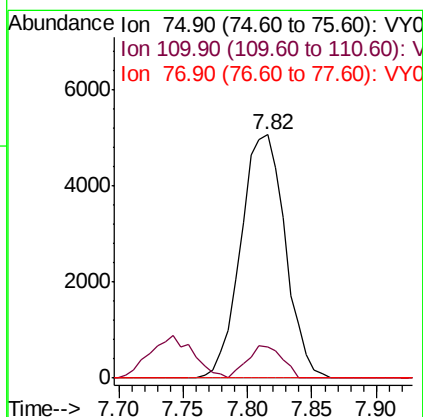
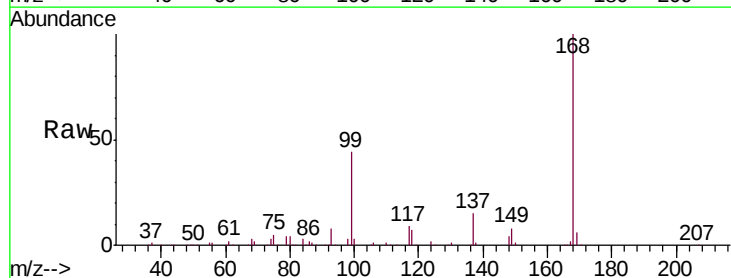
Instrument :
 MSVOA_Y
 ClientSampled :
 TP-5-D2

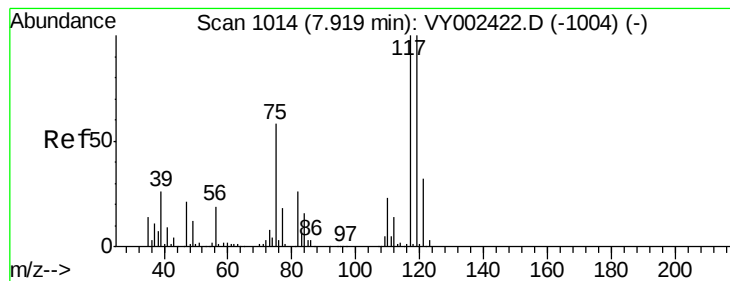
Tgt Ion: 113 Resp: 92263
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.7 122.5
 192 24.2 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 4.493 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.12 min
 Lab File: VY002447.D
 Acq: 21 Apr 2020 20:32

Tgt Ion: 75 Resp: 12061
 Ion Ratio Lower Upper
 75 100
 110 10.3 20.4 61.2#
 77 0.0 25.5 38.3#





#38

Carbon Tetrachloride

Concen: 6.522 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.11 min

Lab File: VY002447.D

Acq: 21 Apr 2020 20:32

Instrument :

MSVOA_Y

ClientSampled :

TP-5-D2

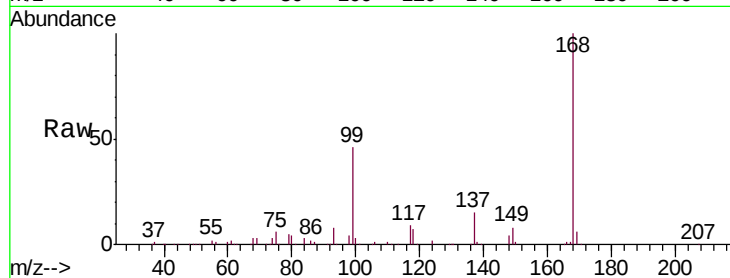
Tgt Ion:117 Resp: 17635

Ion Ratio Lower Upper

117 100

119 4.7 79.6 119.4#

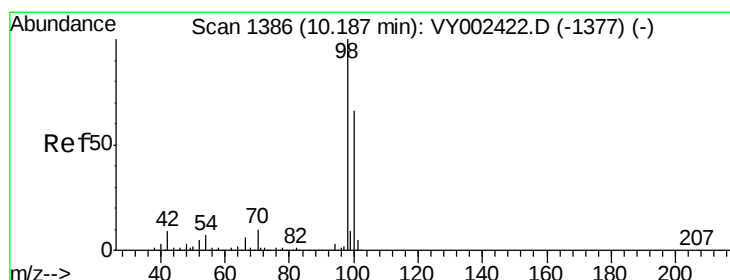
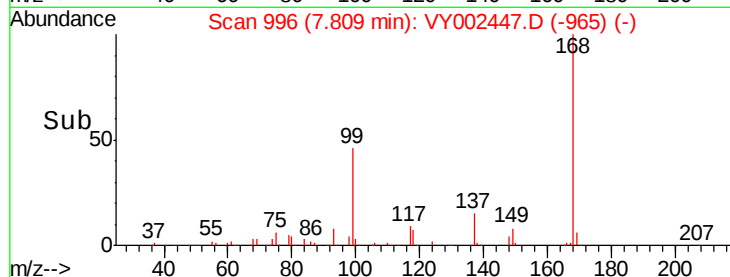
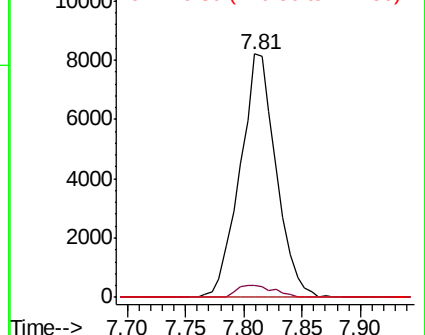
121 0.0 25.4 38.2#



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: 52.851 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY002447.D

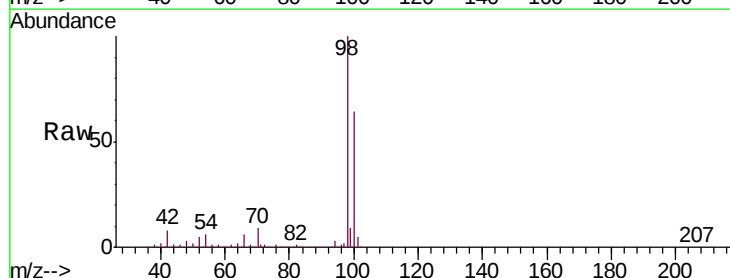
Acq: 21 Apr 2020 20:32

Tgt Ion: 98 Resp: 375079

Ion Ratio Lower Upper

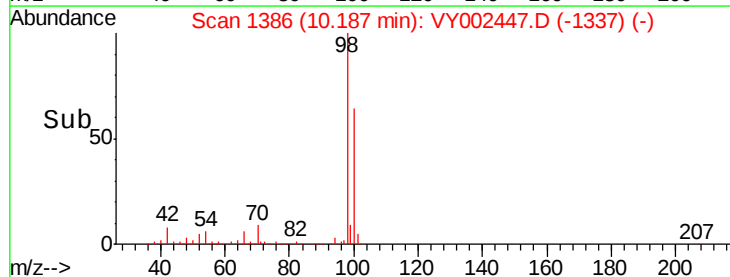
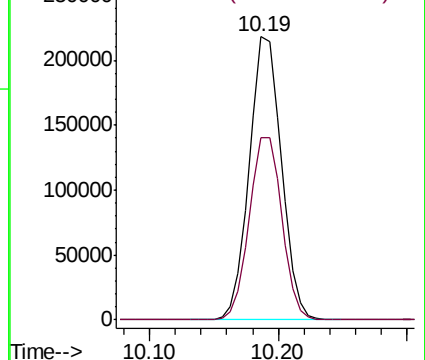
98 100

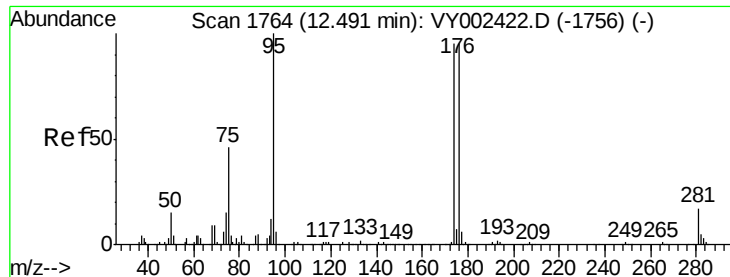
100 65.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

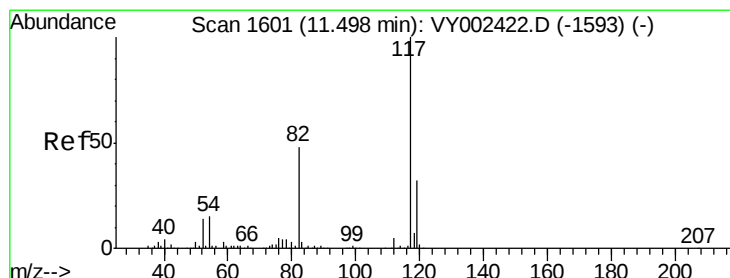
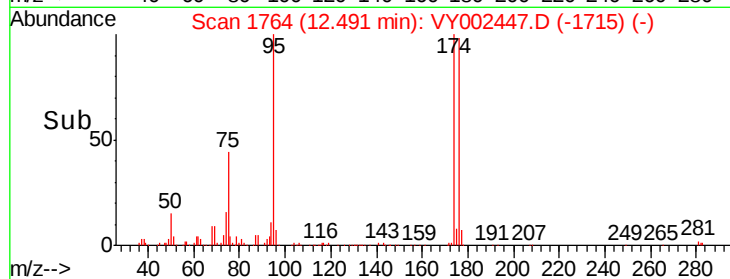
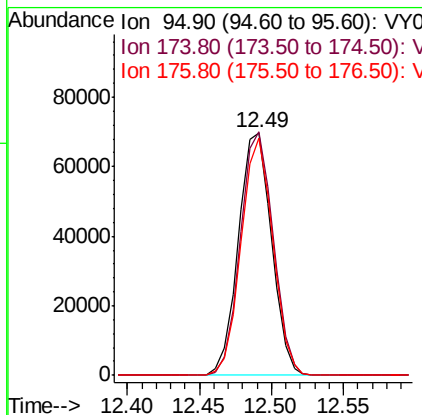
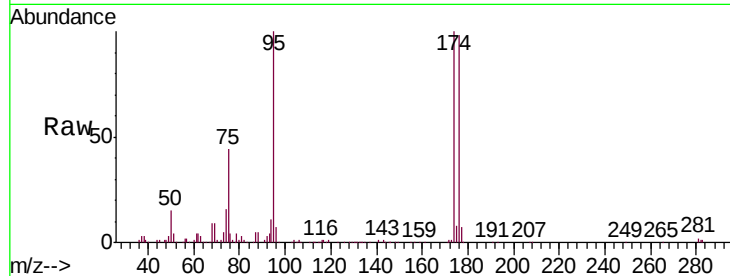




#62
 4-Bromofluorobenzene
 Concen: 47.531 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: VY002447.D
 Acq: 21 Apr 2020 20:32

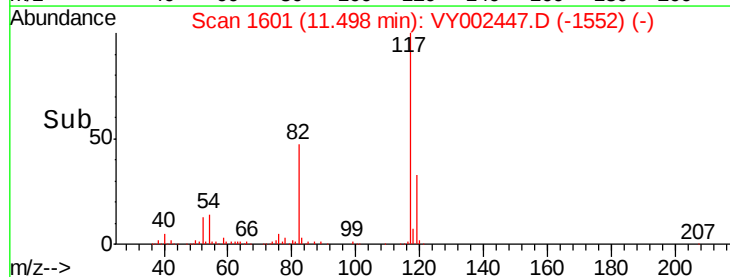
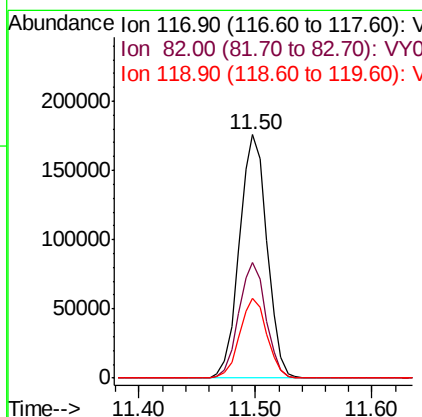
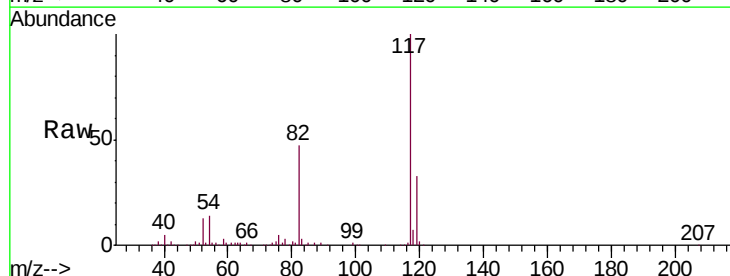
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5-D2

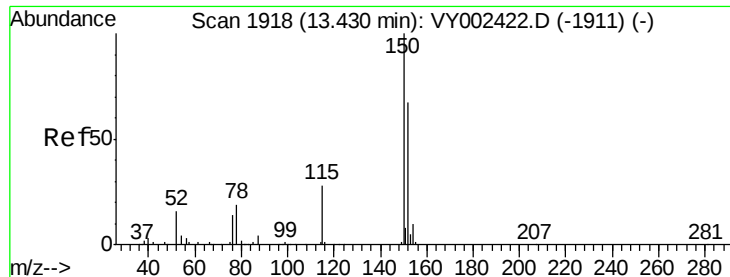
Tgt Ion: 95 Resp: 111372
 Ion Ratio Lower Upper
 95 100
 174 99.1 0.0 185.8
 176 93.9 0.0 181.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.00 min
 Lab File: VY002447.D
 Acq: 21 Apr 2020 20:32

Tgt Ion: 117 Resp: 290946
 Ion Ratio Lower Upper
 117 100
 82 47.4 38.4 57.6
 119 33.0 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002447.D

Acq: 21 Apr 2020 20:32

Instrument :

MSVOA_Y

ClientSampleId :

TP-5-D2

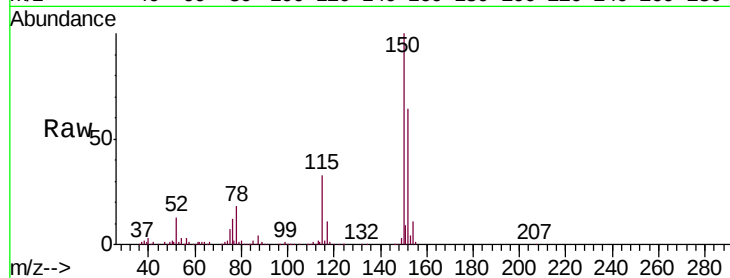
Tgt Ion:152 Resp: 129246

Ion Ratio Lower Upper

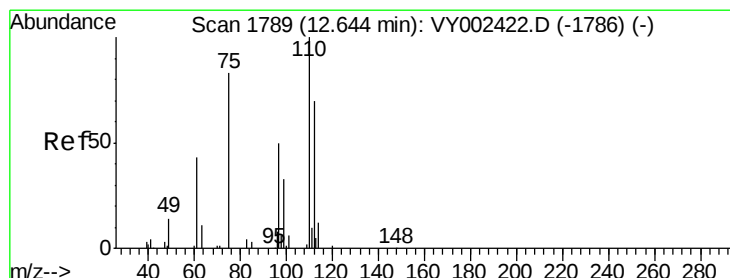
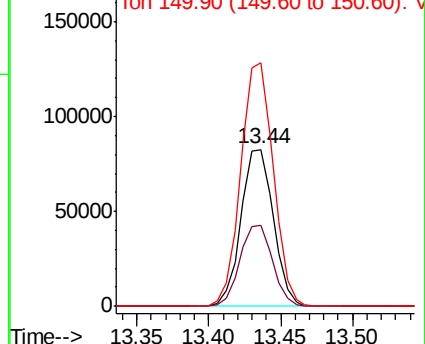
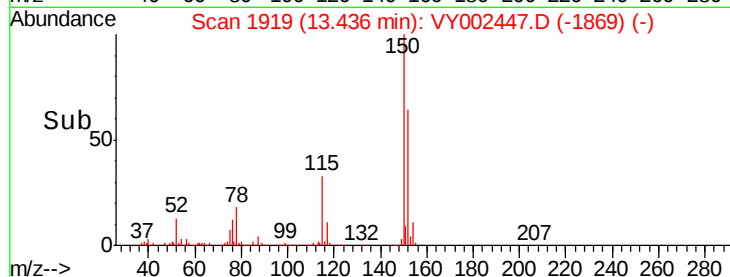
152 100

115 52.1 27.3 81.8

150 155.7 0.0 344.0



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: 44.383 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.16 min

Lab File: VY002447.D

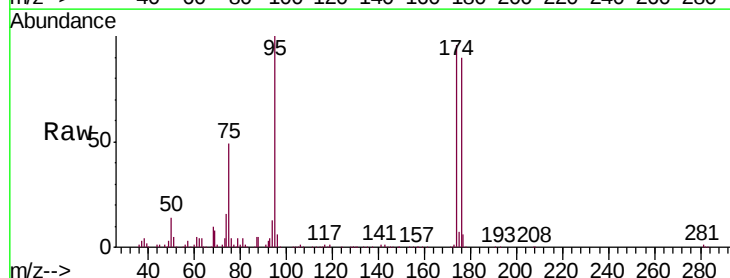
Acq: 21 Apr 2020 20:32

Tgt Ion: 75 Resp: 50536

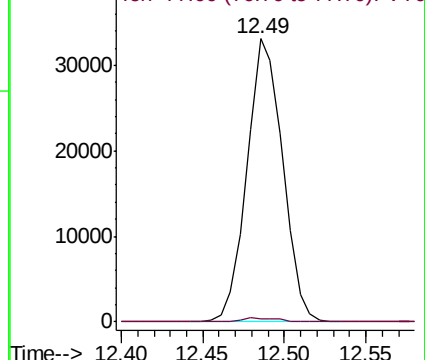
Ion Ratio Lower Upper

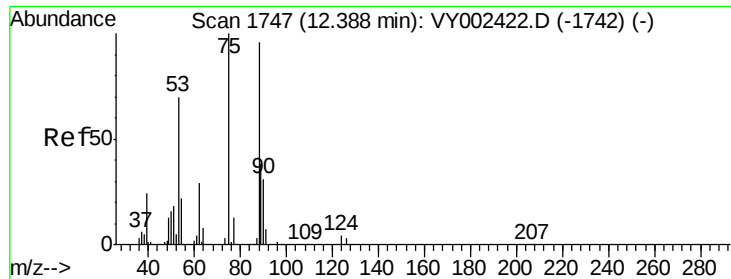
75 100

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: 86.499 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002447.D

Acq: 21 Apr 2020 20:32

Instrument :

MSVOA_Y

ClientSampleId :

TP-5-D2

Tgt Ion: 75 Resp: 50536

Ion Ratio Lower Upper

75 100

53 0.0 58.7 88.1#

89 0.0 37.9 56.9#

