

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120919\
 Data File : VY000919.D
 Acq On : 09 Dec 2019 17:55
 Operator : SY/MD
 Sample : K6204-05
 Misc : 6.75G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 10 06:26:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

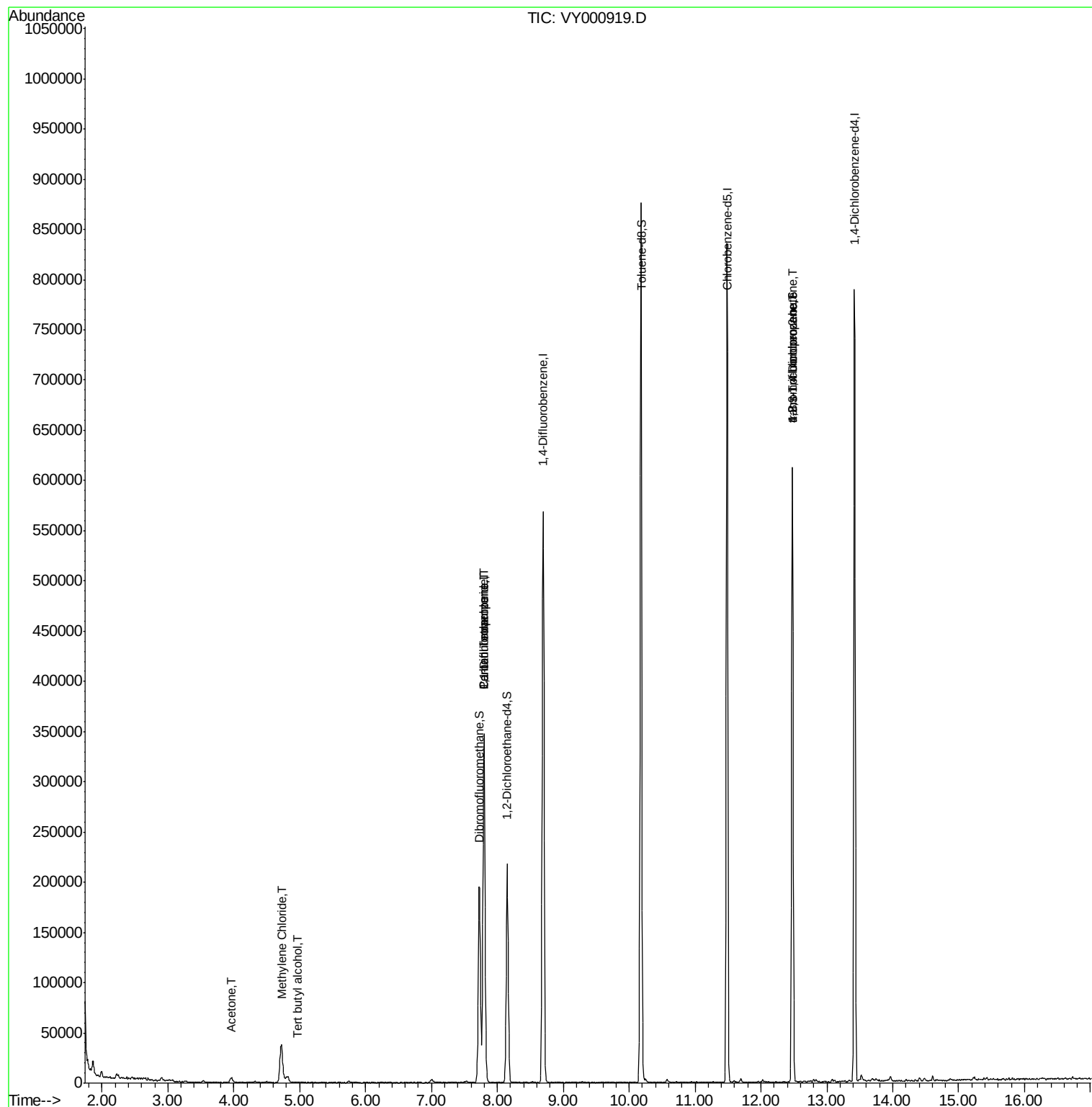
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	265121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	485308	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	437048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	193669	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	156184	55.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.88%	
35) Dibromofluoromethane	7.73	113	140314	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.22%	
50) Toluene-d8	10.18	98	577591	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
62) 4-Bromofluorobenzene	12.48	95	194696	45.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.70%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.65	94	205	Below Cal	#	58
11) Tert butyl alcohol	4.98	59	320	1.129	ug/l #	74
16) Acetone	3.96	43	8959	13.863	ug/l	93
20) Methylene Chloride	4.72	84	28216	8.283	ug/l	98
36) 1,1-Dichloropropene	7.79	75	22187	4.598	ug/l #	49
38) Carbon Tetrachloride	7.80	117	24759	5.761	ug/l #	15
76) 1,2,3-Trichloropropane	12.47	75	100387	45.750	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.47	75	100387	89.866	ug/l #	17

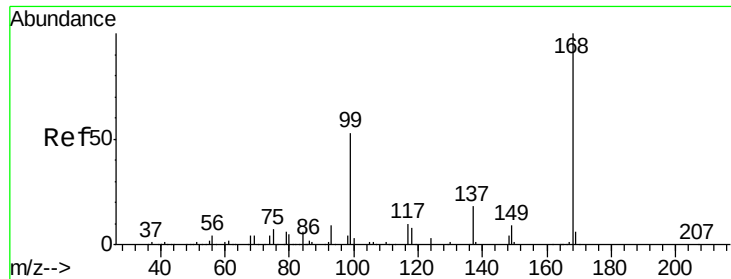
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000919.D

Acq: 09 Dec 2019 17:55

Instrument :

MSVOA_Y

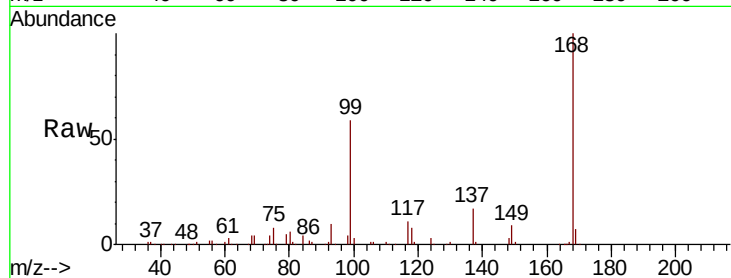
ClientSampleId :

Tot Ion:168 Resp: 265121

Ion Ratio Lower Upper

168 100

99 58.7 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000919.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000919.D (-946) (-)

7.80

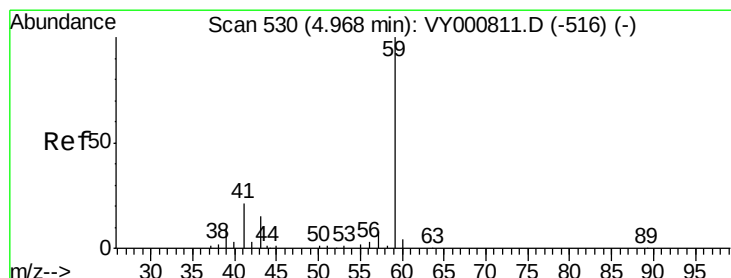
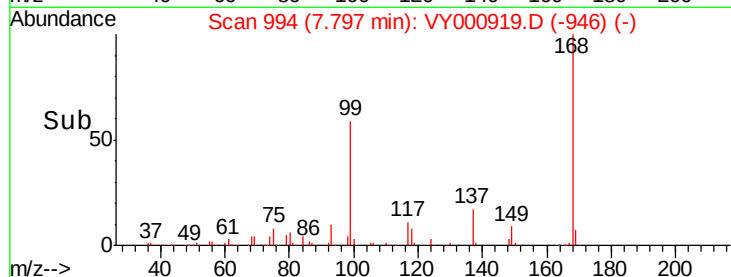
100000

50000

0

Time-->

7.70 7.80 7.90



#11

Tert butyl alcohol

Concen: 1.129 ug/l

RT: 4.98 min Scan# 532

Delta R.T. 0.01 min

Lab File: VY000919.D

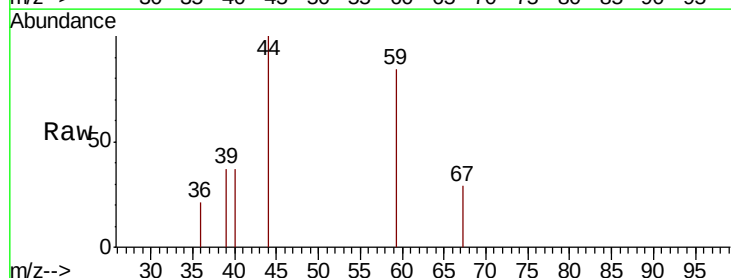
Acq: 09 Dec 2019 17:55

Tgt Ion: 59 Resp: 320

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VY000919.D (-481) (-)

Ion 57.00 (56.70 to 57.70): VY000919.D (-481) (-)

4.98

250

200

150

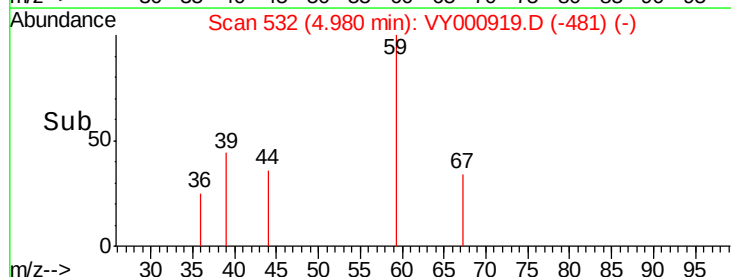
100

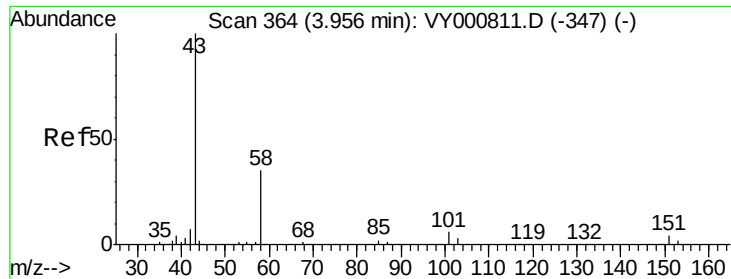
50

0

Time-->

4.94 4.96 4.98 5.00 5.02





#16

Acetone

Concen: 13.863 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000919.D

Acq: 09 Dec 2019 17:55

Instrument :

MSVOA_Y

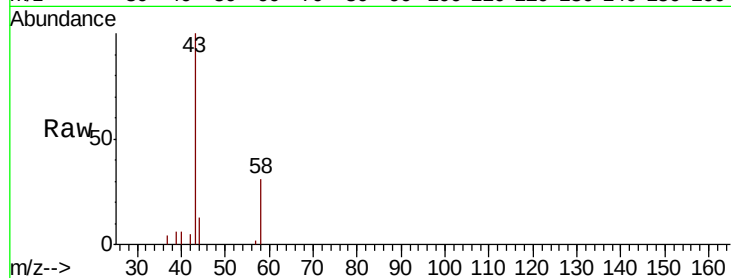
ClientSampleId :

Tot Ion: 43 Resp: 8959

Ion Ratio Lower Upper

43 100

58 30.7 28.0 42.0



Abundance Ion 43.00 (42.70 to 43.70): VY000811.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY000811.D (-347) (-)

3.96

4000

3000

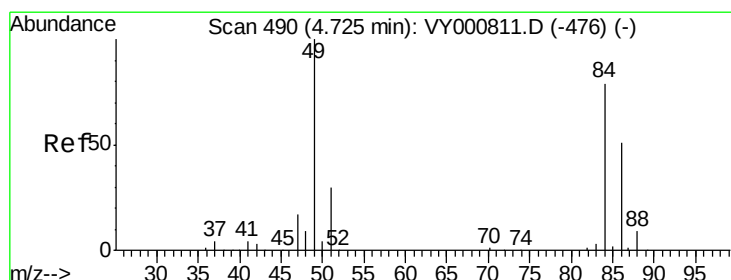
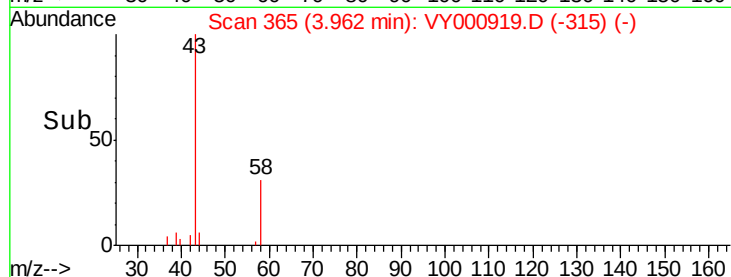
2000

1000

0

Time-->

3.85 3.90 3.95 4.00 4.05



#20

Methylene Chloride

Concen: 8.283 ug/l

RT: 4.72 min Scan# 490

Delta R.T. -0.00 min

Lab File: VY000919.D

Acq: 09 Dec 2019 17:55

Tgt Ion: 84 Resp: 28216

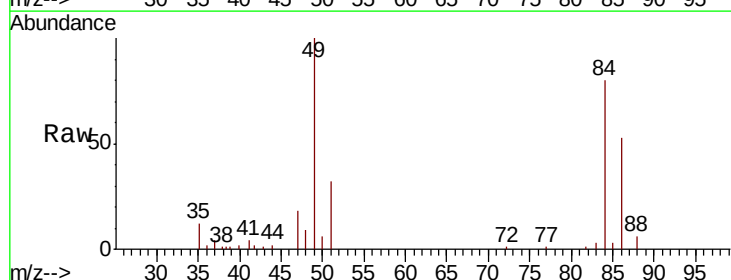
Ion Ratio Lower Upper

84 100

49 125.0 101.3 151.9

51 39.4 30.6 45.8

86 66.1 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VY000811.D (-476) (-)

Ion 48.90 (48.60 to 49.60): VY000811.D (-476) (-)

Ion 50.90 (50.60 to 51.60): VY000811.D (-476) (-)

Ion 85.90 (85.60 to 86.60): VY000811.D (-476) (-)

15000

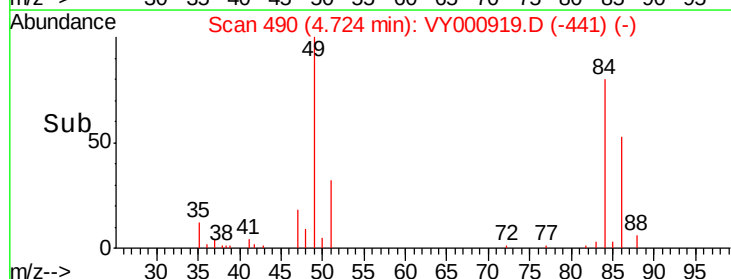
10000

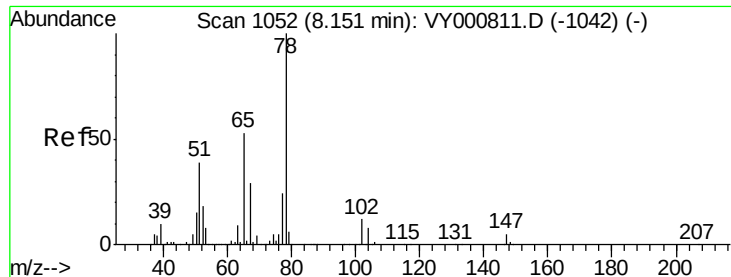
5000

0

Time-->

4.60 4.70 4.80

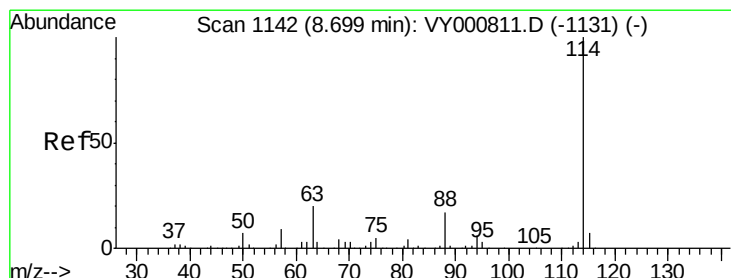
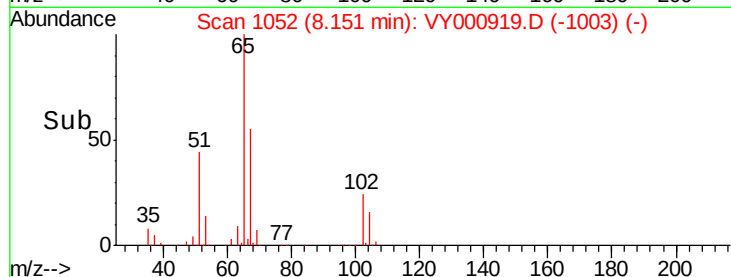
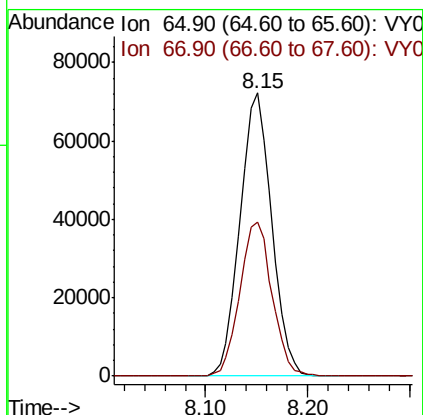
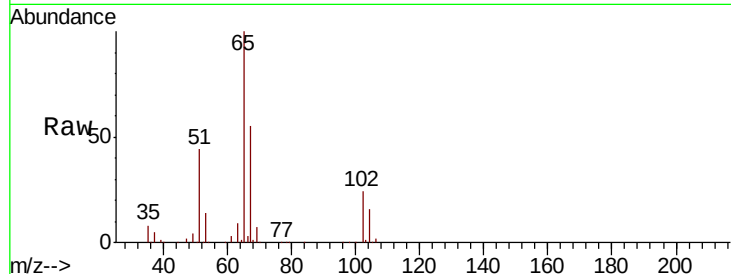




#33
 1,2-Dichloroethane-d4
 Concen: 55.441 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000919.D
 Acq: 09 Dec 2019 17:55

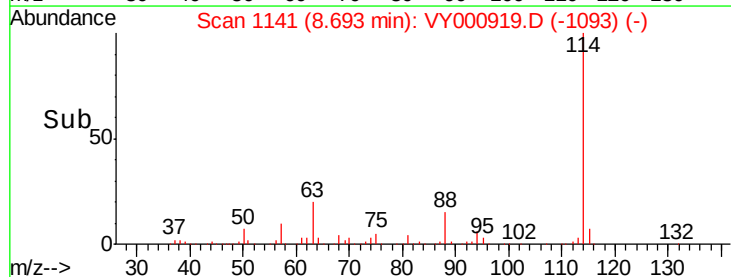
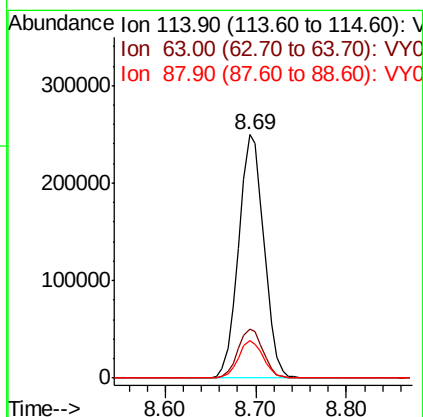
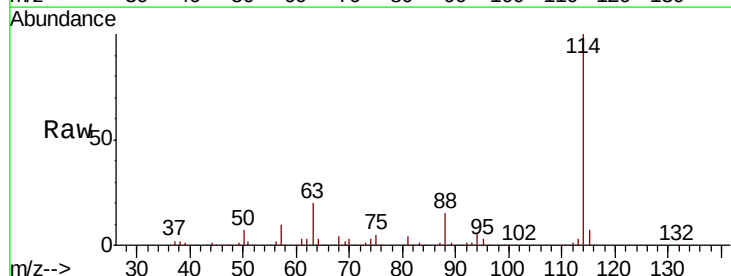
Instrument :
 MSVOA_Y
 ClientSampled :

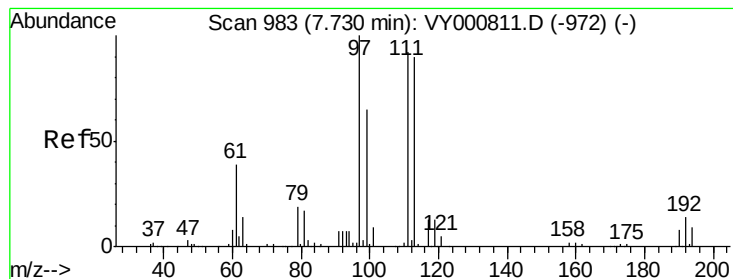
Tot Ion: 65 Resp: 156184
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000919.D
 Acq: 09 Dec 2019 17:55

Tgt Ion: 114 Resp: 485308
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.609 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000919.D

Acq: 09 Dec 2019 17:55

Instrument :
MSVOA_Y
ClientSampleId :

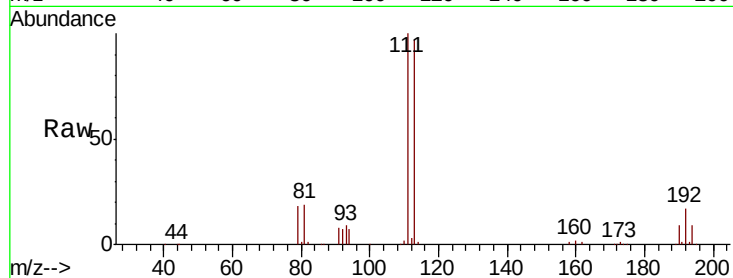
Tot Ion:113 Resp: 140314

Ion Ratio Lower Upper

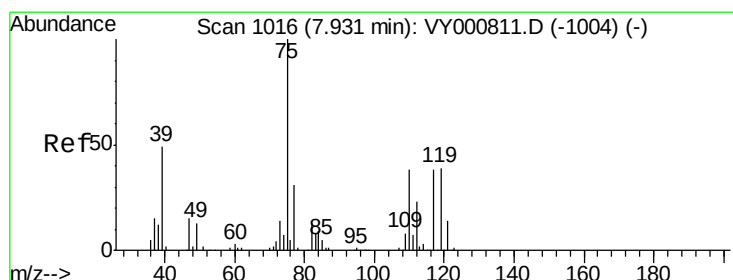
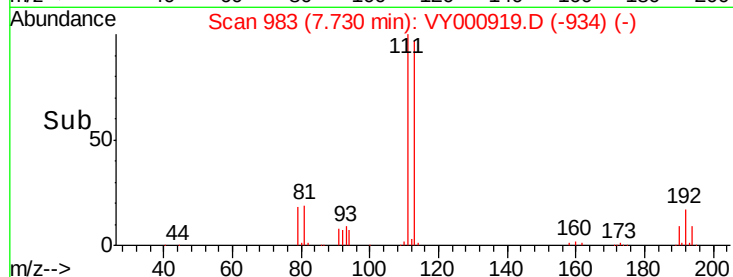
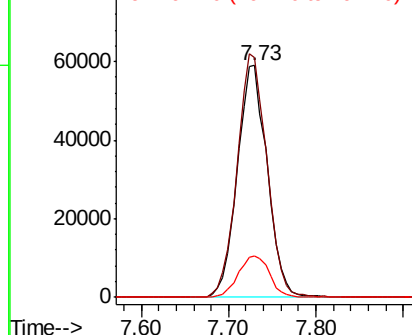
113 100

111 104.3 82.4 123.6

192 18.7 14.2 21.2



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: 4.598 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.14 min

Lab File: VY000919.D

Acq: 09 Dec 2019 17:55

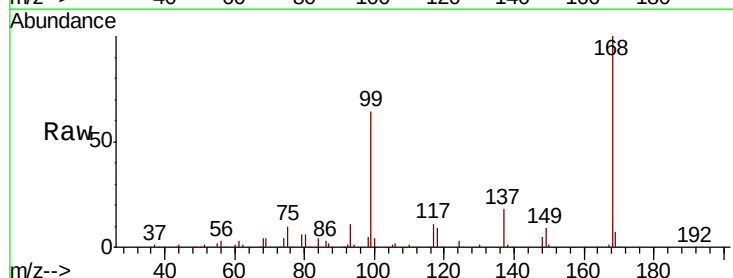
Tgt Ion: 75 Resp: 22187

Ion Ratio Lower Upper

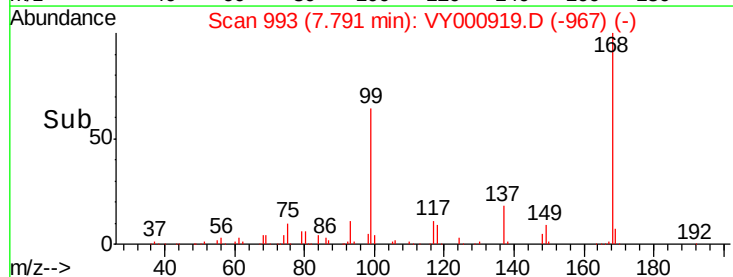
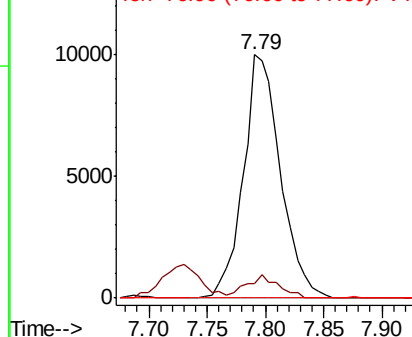
75 100

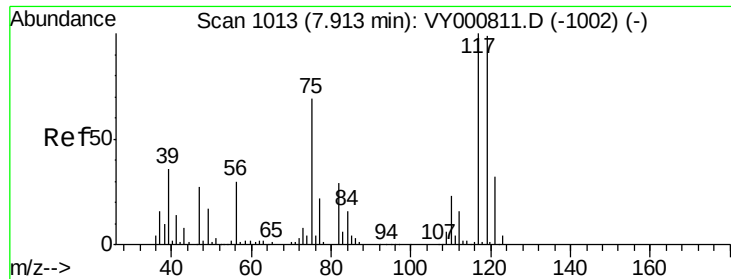
110 8.2 17.9 53.7#

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: 5.761 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.12 min

Lab File: VY000919.D

Acq: 09 Dec 2019 17:55

Instrument :

MSVOA_Y

ClientSampleId :

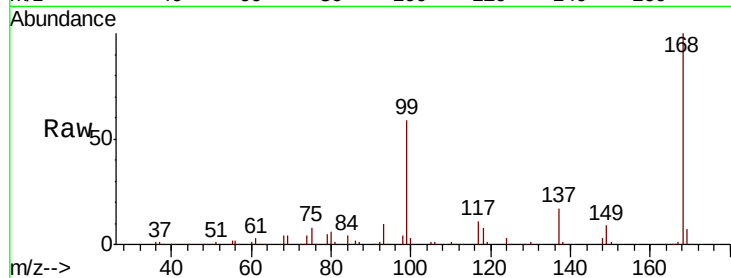
Tot Ion:117 Resp: 24759

Ion Ratio Lower Upper

117 100

119 5.9 79.3 118.9#

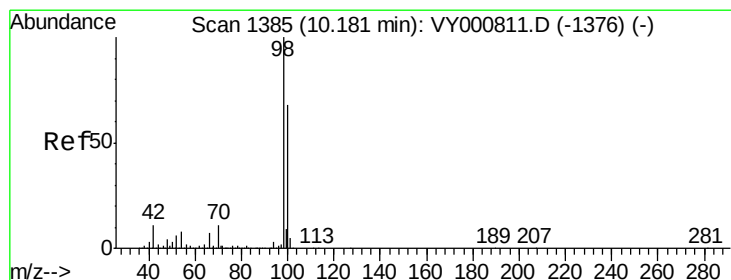
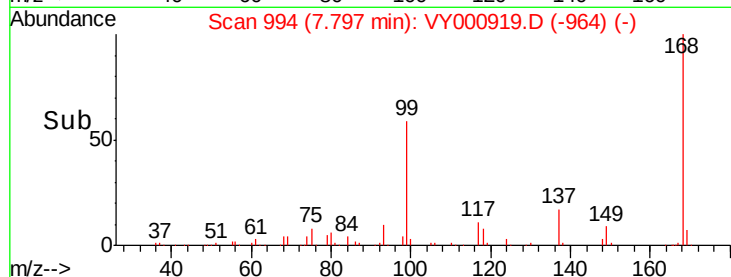
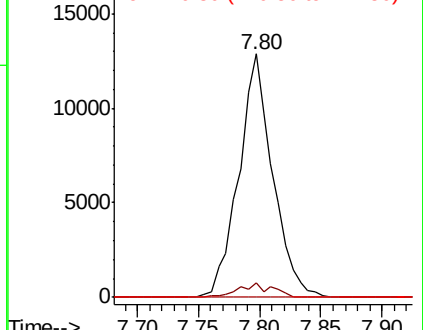
121 0.0 25.5 38.3#



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: 51.079 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000919.D

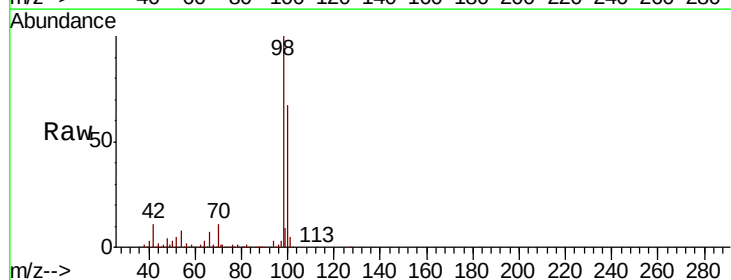
Acq: 09 Dec 2019 17:55

Tgt Ion: 98 Resp: 577591

Ion Ratio Lower Upper

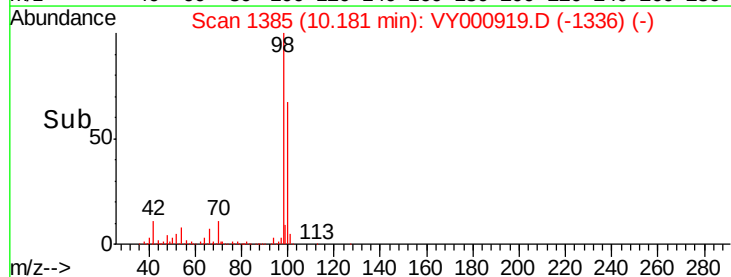
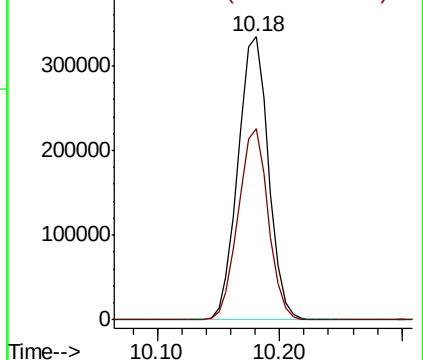
98 100

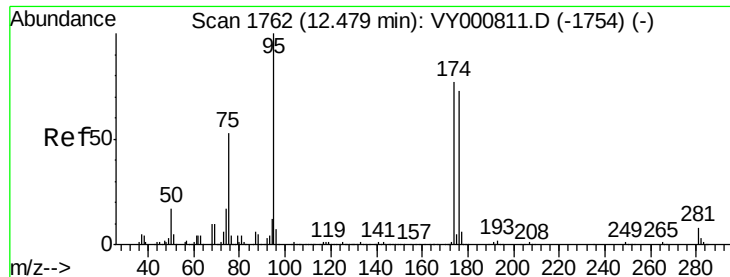
100 66.4 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

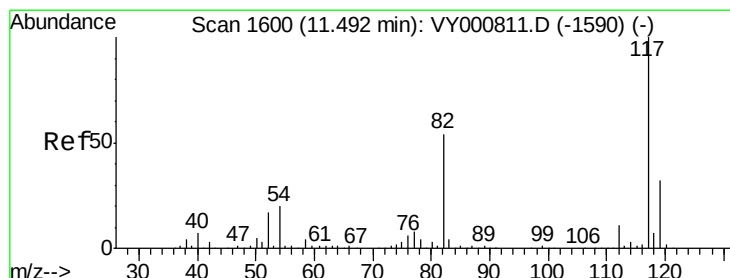
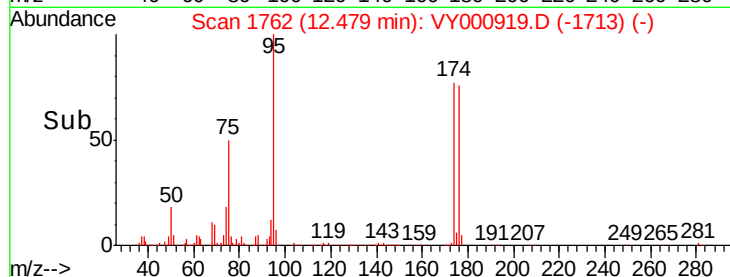
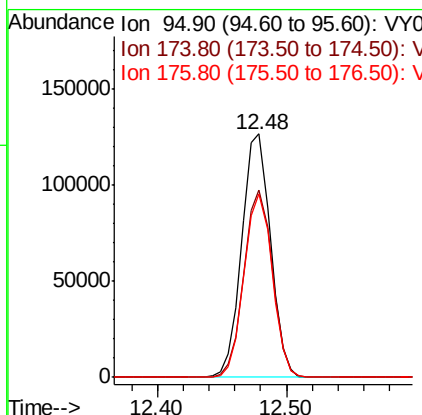
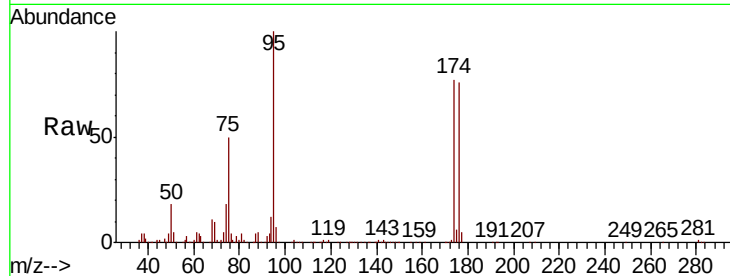




#62
4-Bromofluorobenzene
Concen: 45.847 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000919.D
Acq: 09 Dec 2019 17:55

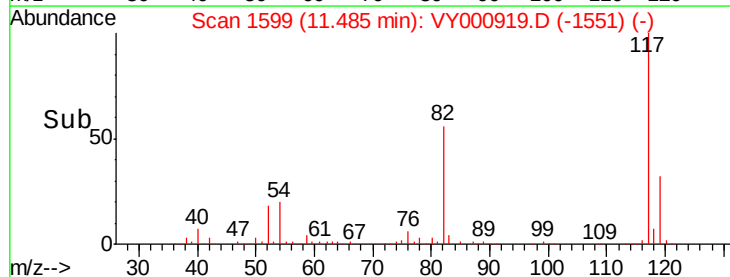
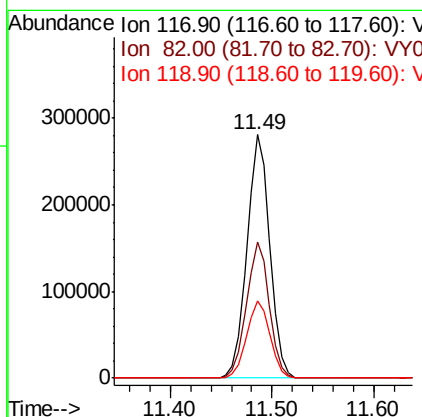
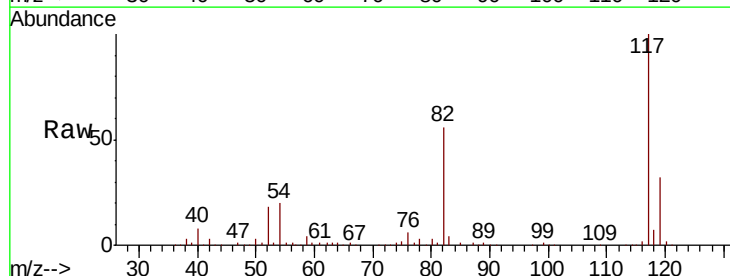
Instrument :
MSVOA_Y
ClientSampleId :

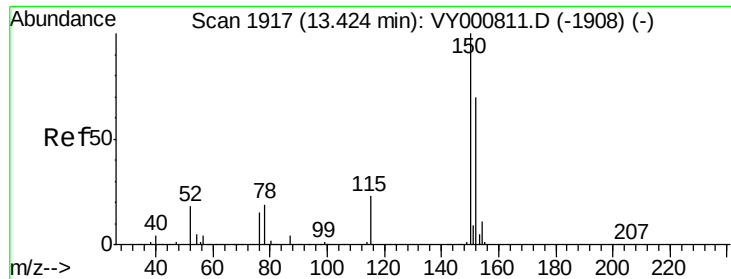
Tot Ion	95	Resp	194696
Ion Ratio	100	Lower	Upper
174	76.5	0.0	150.6
176	73.9	0.0	145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000919.D
Acq: 09 Dec 2019 17:55

Tgt Ion	117	Resp	437048
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
82	56.1	43.1	64.7
119	31.9	25.3	37.9



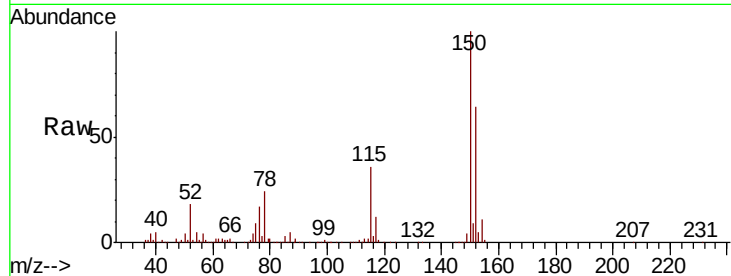


#72

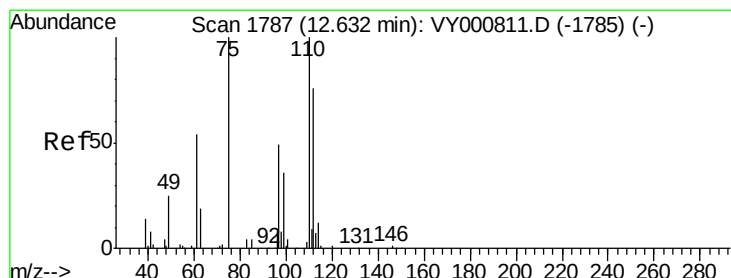
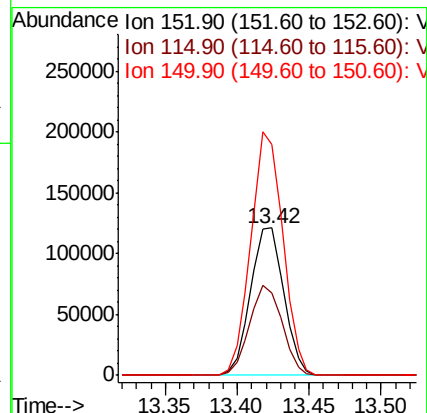
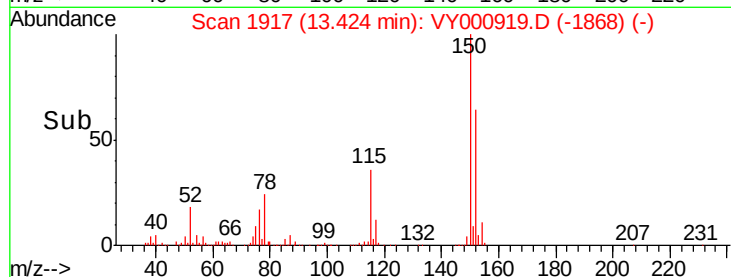
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000919.D
Acq: 09 Dec 2019 17:55

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.6	29.3	87.8
150	159.4	0.0	351.2



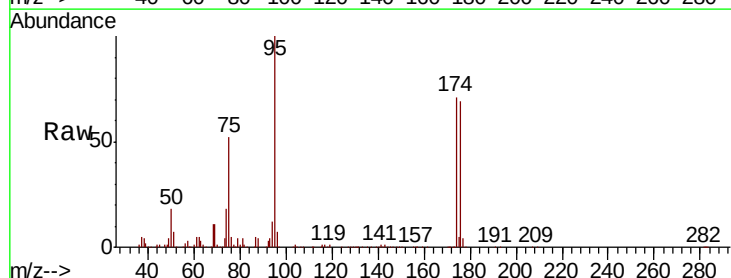
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



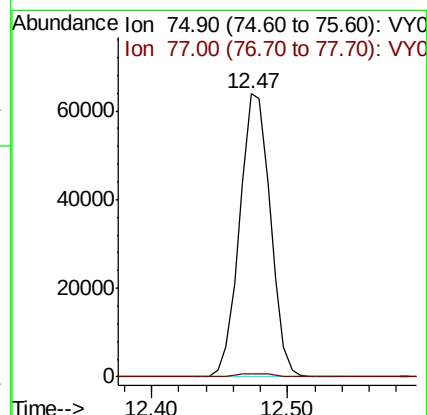
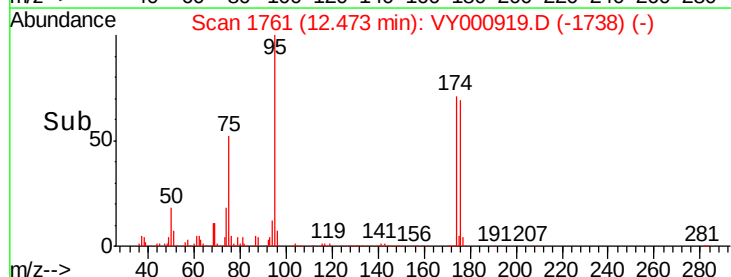
#76

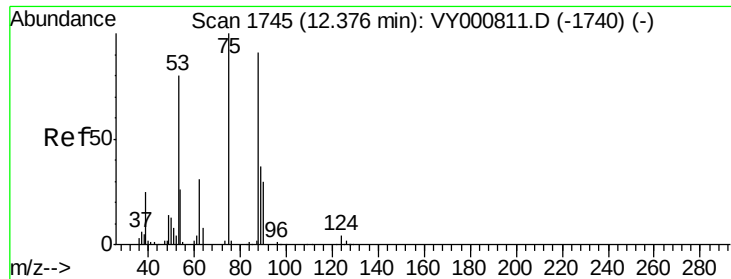
1,2,3-Trichloropropane
Concen: 45.750 ug/l
RT: 12.47 min Scan# 1761
Delta R.T. -0.16 min
Lab File: VY000919.D
Acq: 09 Dec 2019 17:55

Tgt 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: 89.866 ug/l

RT: 12.47 min Scan# 1761

Delta R.T. 0.10 min

Lab File: VY000919.D

Acq: 09 Dec 2019 17:55

Instrument :

MSVOA_Y

ClientSampleId :

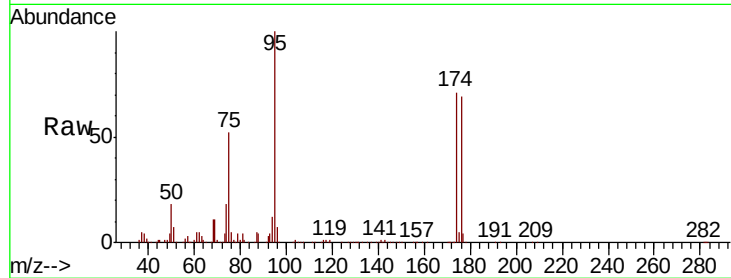
Tot Ion: 75 Resp: 100387

Ion Ratio Lower Upper

75 100

53 0.0 64.6 96.8#

89 0.1 33.6 50.4#



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

