

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120919\
 Data File : VY000918.D
 Acq On : 09 Dec 2019 17:33
 Operator : SY/MD
 Sample : K6204-04
 Misc : 6.89G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 10 06:25:49 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

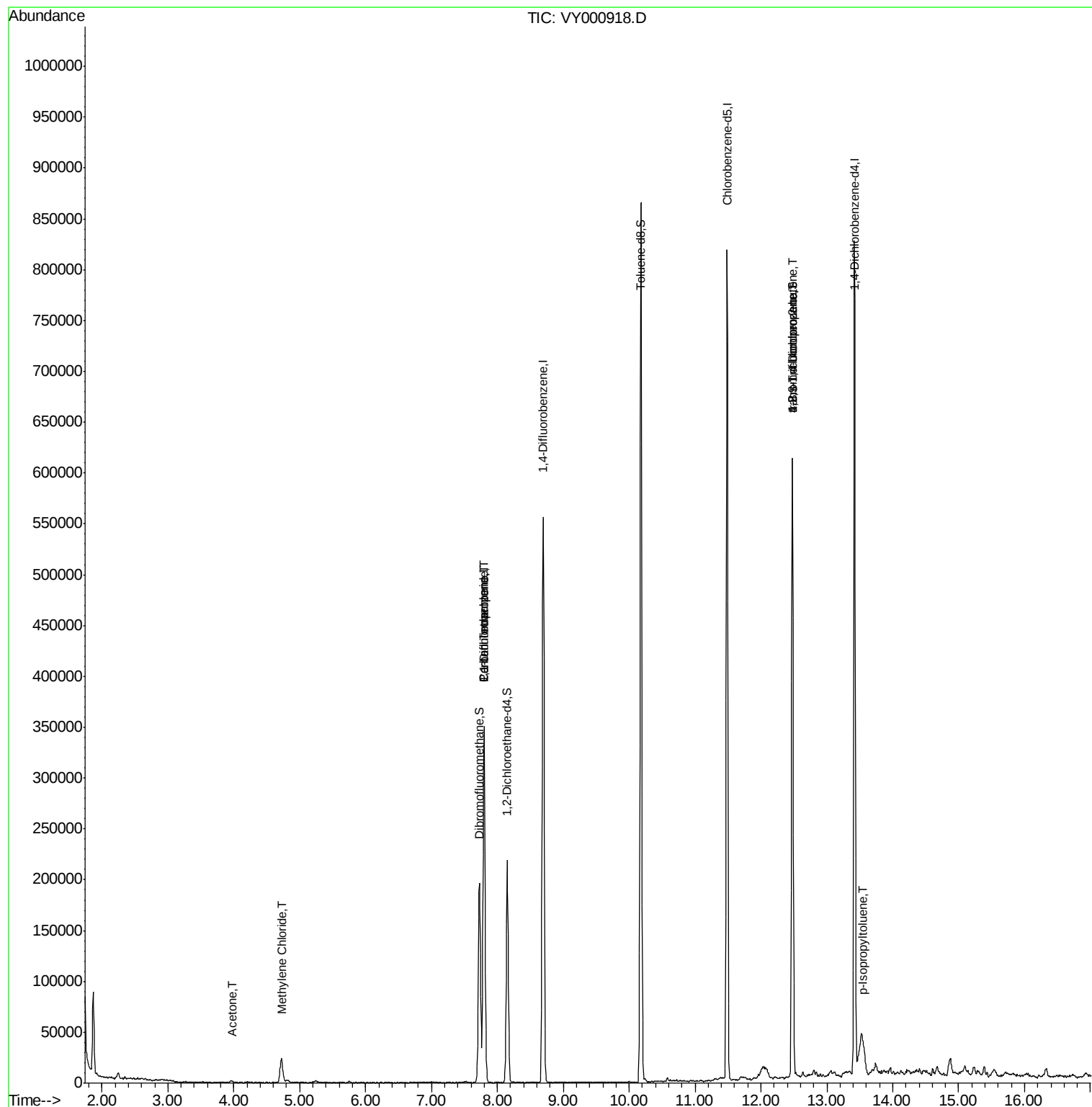
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	260862	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	480319	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	433626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	192289	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	158240	57.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.18%	
35) Dibromofluoromethane	7.73	113	141562	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.14%	
50) Toluene-d8	10.17	98	580853	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
62) 4-Bromofluorobenzene	12.48	95	199898	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.12%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.66	94	64	Below Cal	#	1
16) Acetone	3.97	43	3170	4.985	ug/l	95
20) Methylene Chloride	4.72	84	17249	5.146	ug/l #	94
36) 1,1-Dichloropropene	7.80	75	21846	4.574	ug/l #	49
38) Carbon Tetrachloride	7.80	117	26046	6.124	ug/l #	14
76) 1,2,3-Trichloropropane	12.47	75	98414	45.173	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.47	75	98414	88.732	ug/l #	18
86) p-Isopropyltoluene	13.55	119	16093	1.194	ug/l #	56

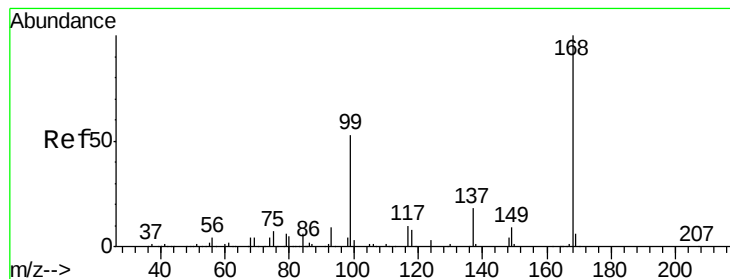
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000918.D

Acq: 09 Dec 2019 17:33

Instrument :

MSVOA_Y

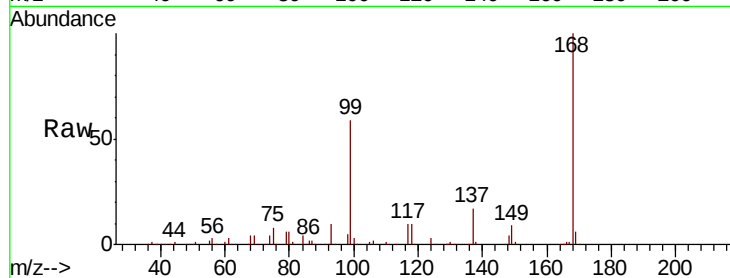
ClientSampled :

Tot Ion:168 Resp: 260862

Ion Ratio Lower Upper

168 100

99 59.5 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000918.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000918.D (-946) (-)

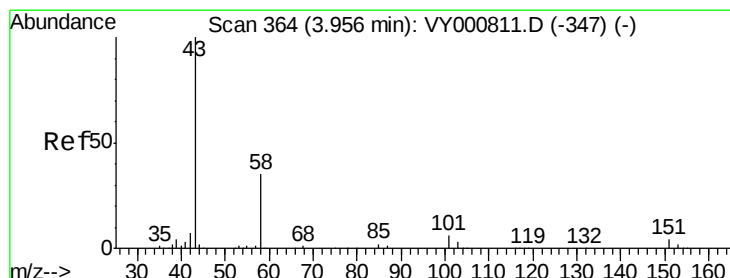
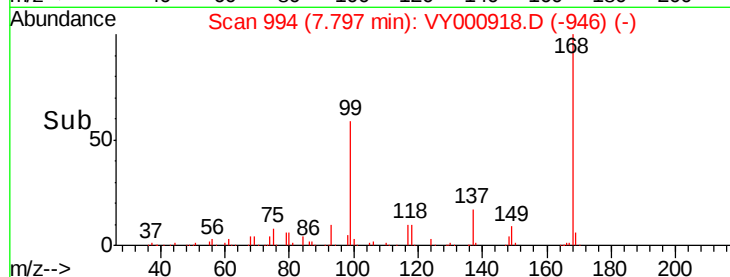
7.80

100000

50000

0

Time--> 7.70 7.80 7.90



#16

Acetone

Concen: 4.985 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY000918.D

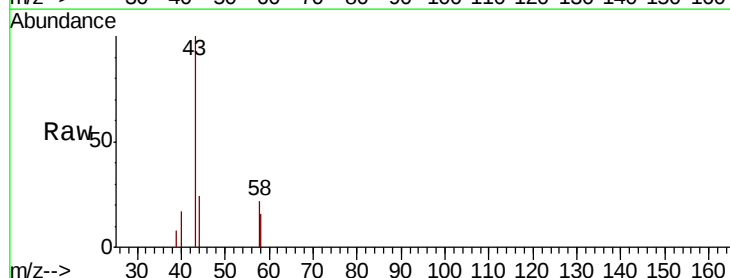
Acq: 09 Dec 2019 17:33

Tgt Ion: 43 Resp: 3170

Ion Ratio Lower Upper

43 100

58 37.7 28.0 42.0



Abundance Ion 43.00 (42.70 to 43.70): VY000918.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY000918.D (-315) (-)

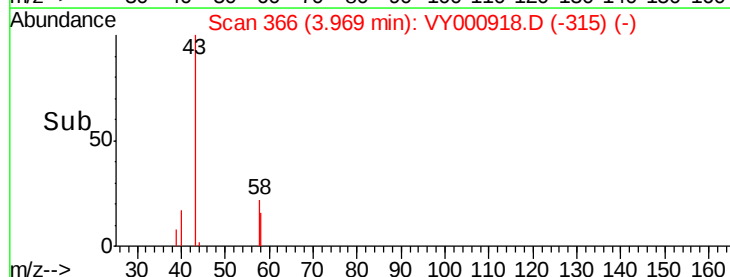
3.97

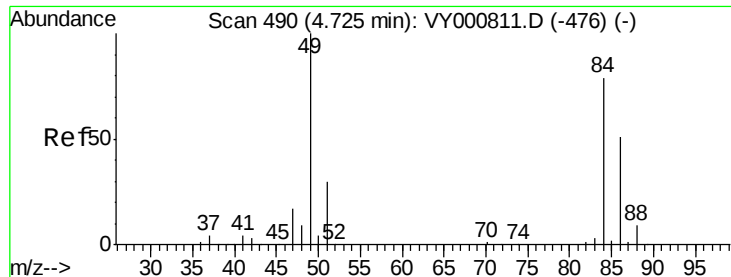
1000

500

0

Time--> 3.85 3.90 3.95 4.00 4.05

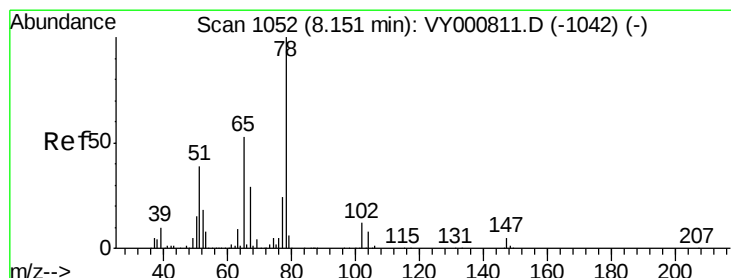
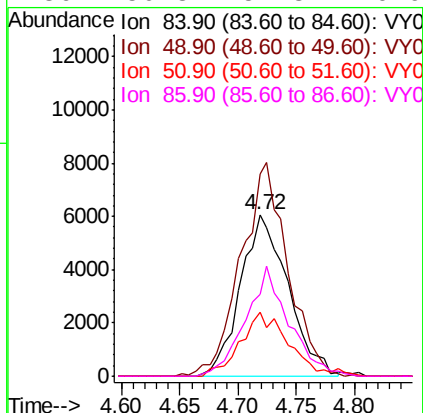
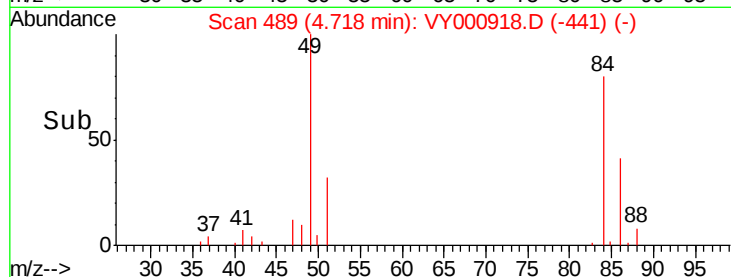
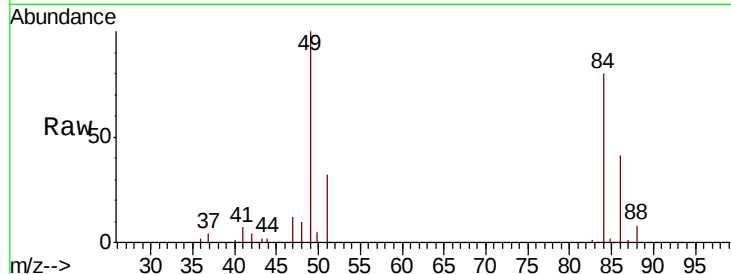




#20
Methylene Chloride
Concen: 5.146 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000918.D
Acq: 09 Dec 2019 17:33

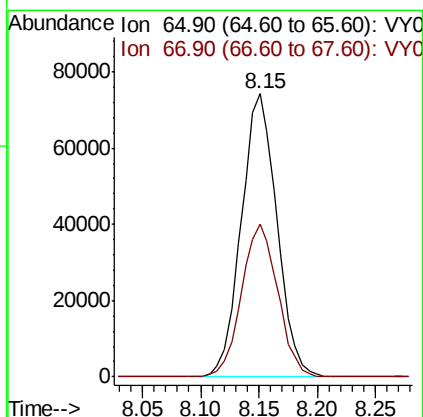
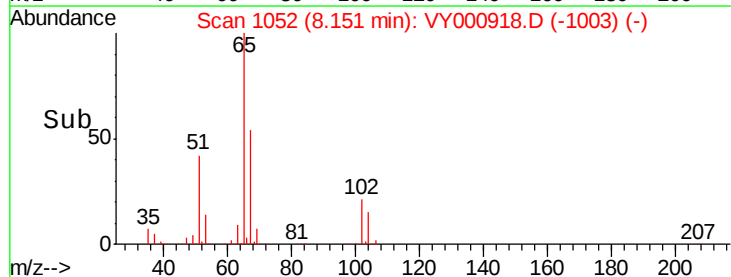
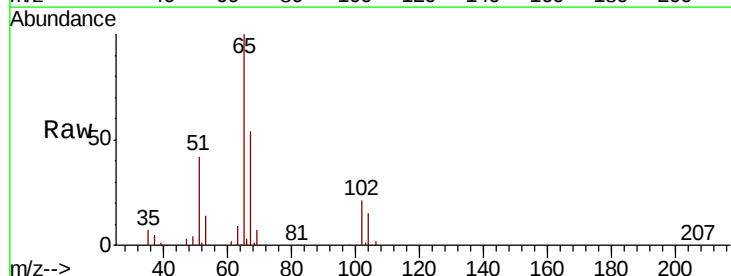
Instrument :
MSVOA_Y
ClientSampleId :

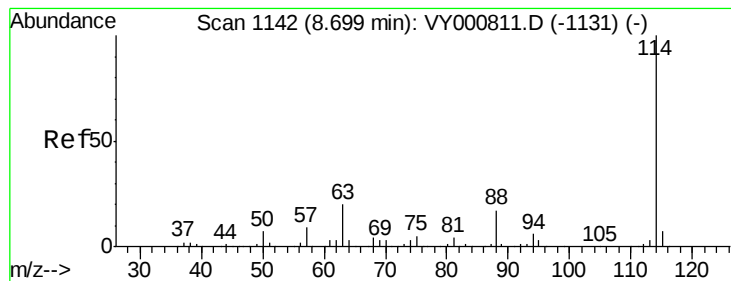
Tot Ion: 84 Resp: 17249
Ion Ratio Lower Upper
84 100
49 124.0 101.3 151.9
51 39.7 30.6 45.8
86 50.8 51.3 76.9#



#33
1,2-Dichloroethane-d4
Concen: 57.088 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY000918.D
Acq: 09 Dec 2019 17:33

Tgt Ion: 65 Resp: 158240
Ion Ratio Lower Upper
65 100
67 55.0 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: VY000918.D

Acq: 09 Dec 2019 17:33

Instrument :

MSVOA_Y

ClientSampleId :

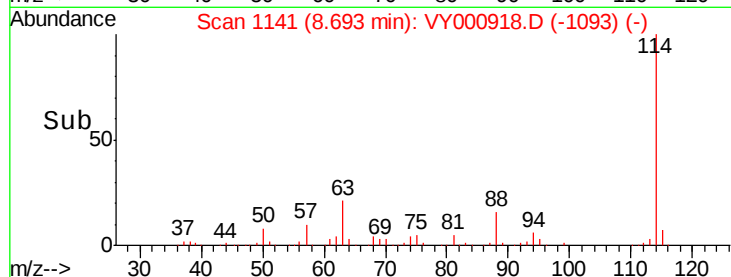
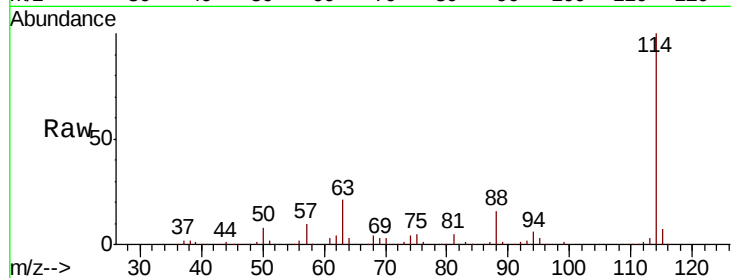
Tot Ion:114 Resp: 480319

Ion Ratio Lower Upper

114 100

63 21.1 0.0 39.8

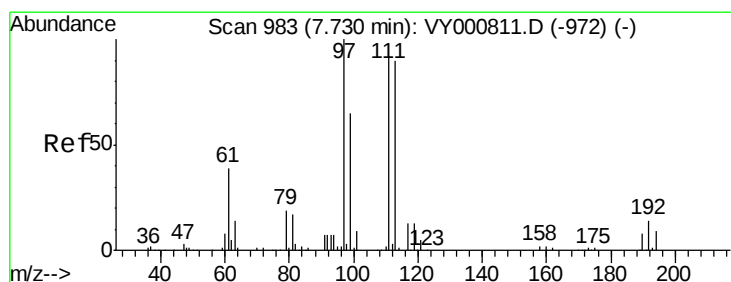
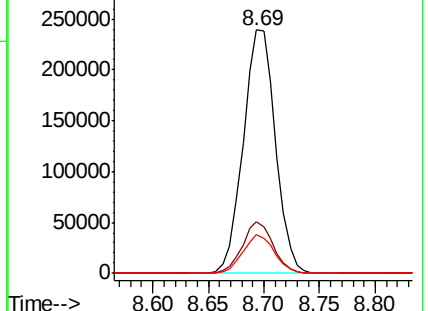
88 15.7 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 50.571 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000918.D

Acq: 09 Dec 2019 17:33

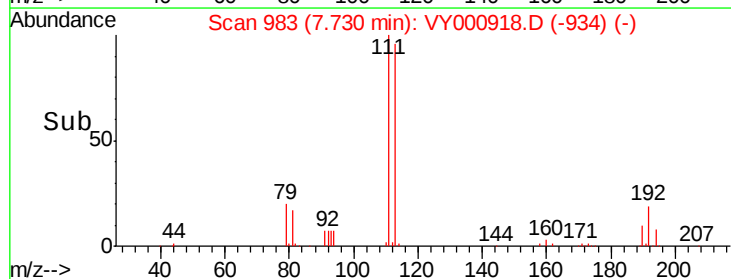
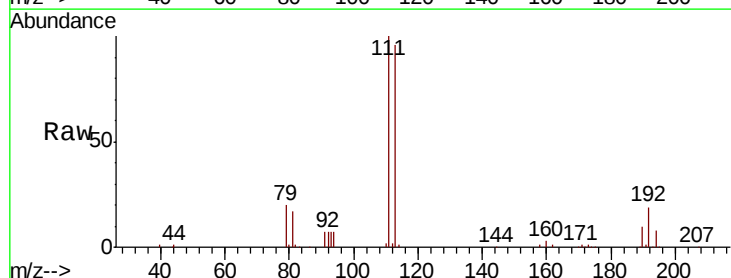
Tgt Ion:113 Resp: 141562

Ion Ratio Lower Upper

113 100

111 103.2 82.4 123.6

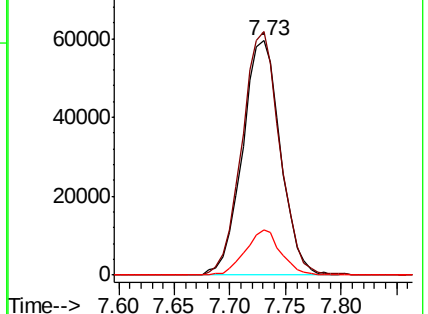
192 17.9 14.2 21.2

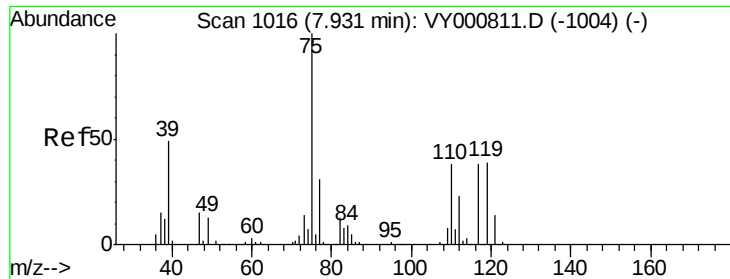


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

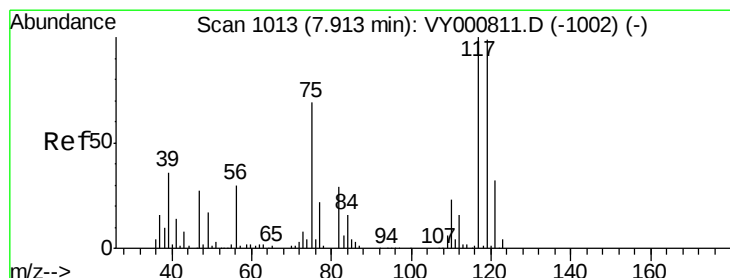
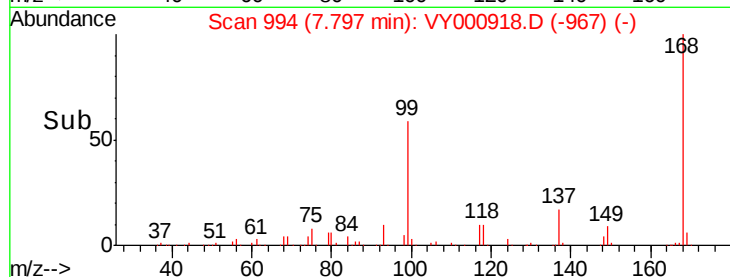
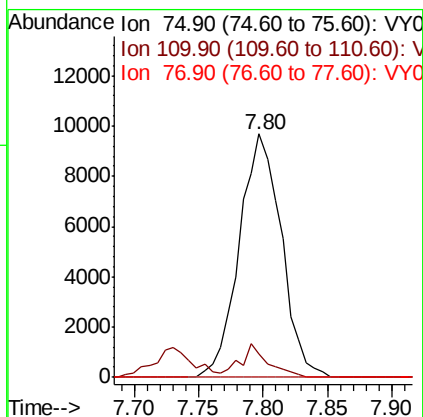
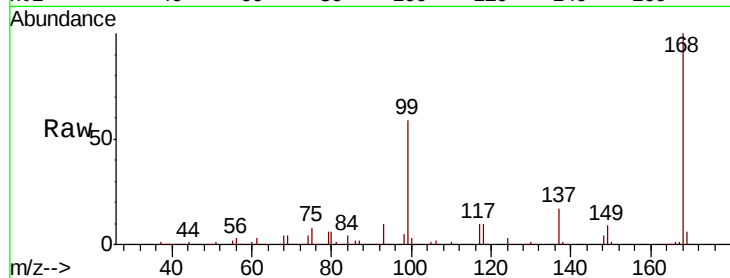




#36
 1,1-Dichloropropene
 Concen: 4.574 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY000918.D
 Acq: 09 Dec 2019 17:33

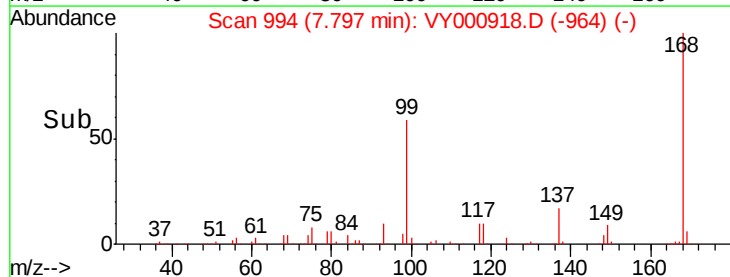
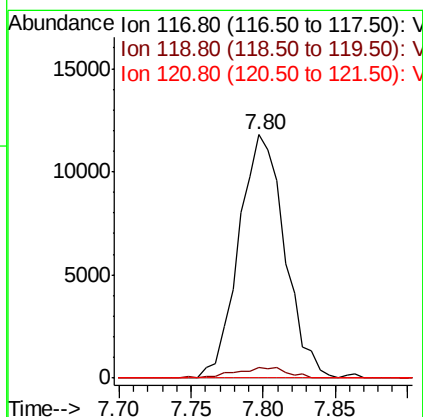
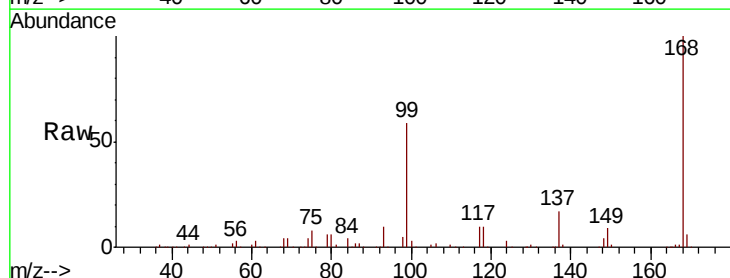
Instrument :
 MSVOA_Y
 ClientSampleId :

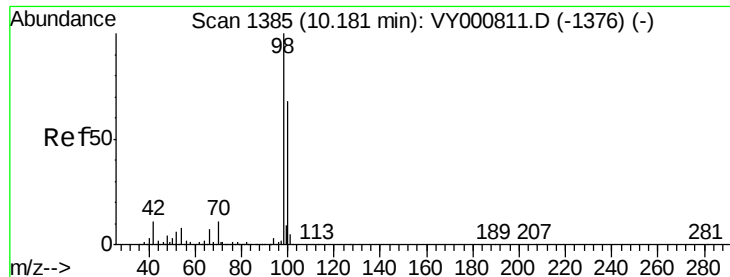
Tot Ion	75	Resp	21846
Ion Ratio	100	Lower	Upper
75	100		
110	9.0	17.9	53.7#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.124 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.12 min
 Lab File: VY000918.D
 Acq: 09 Dec 2019 17:33

Tgt Ion	117	Resp	26046
Ion Ratio	100	Lower	Upper
117	100		
119	4.5	79.3	118.9#
121	0.0	25.5	38.3#

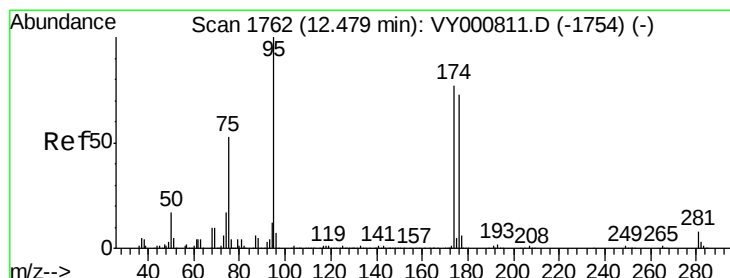
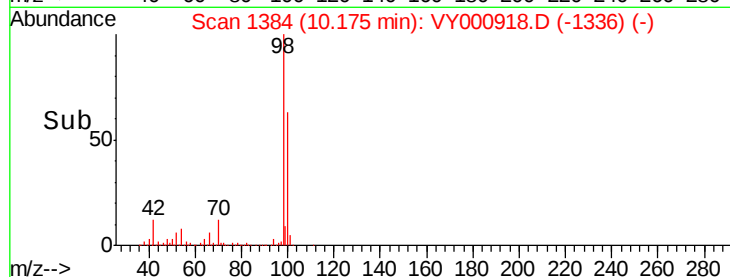
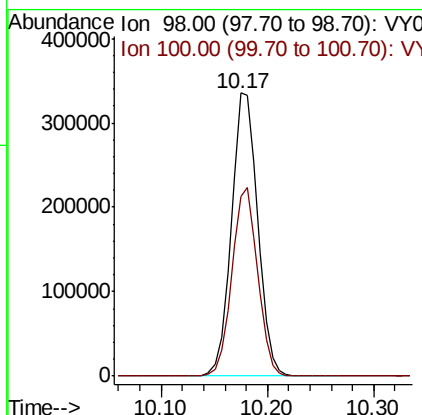
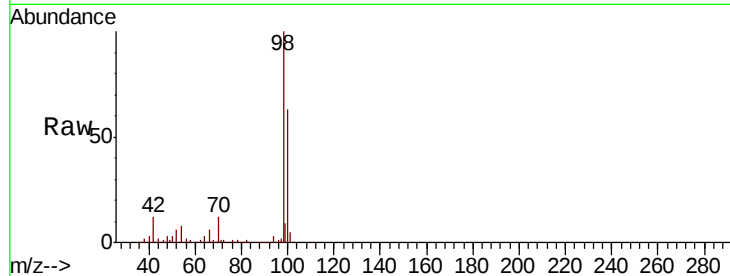




#50
Toluene-d8
Concen: 51.902 ug/l
RT: 10.17 min Scan# 1384
Delta R.T. -0.01 min
Lab File: VY000918.D
Acq: 09 Dec 2019 17:33

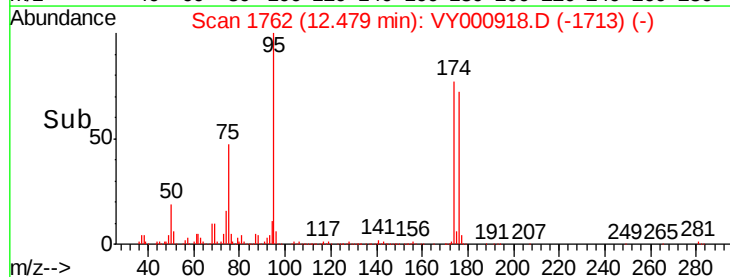
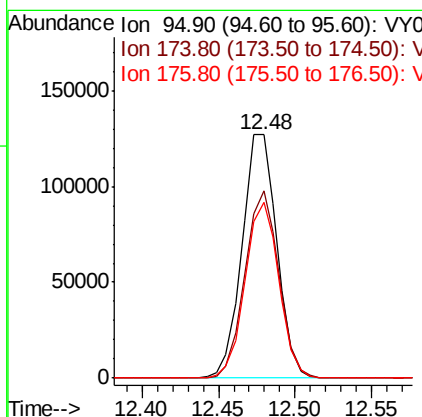
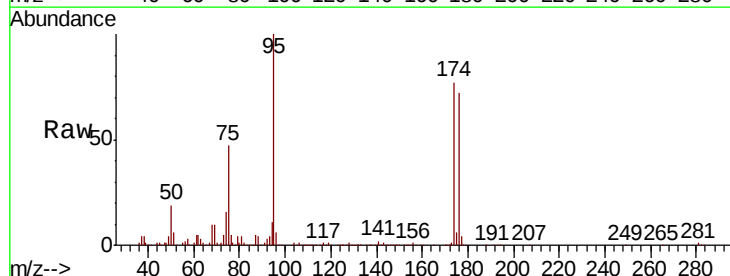
Instrument :
MSVOA_Y
ClientSampleId :

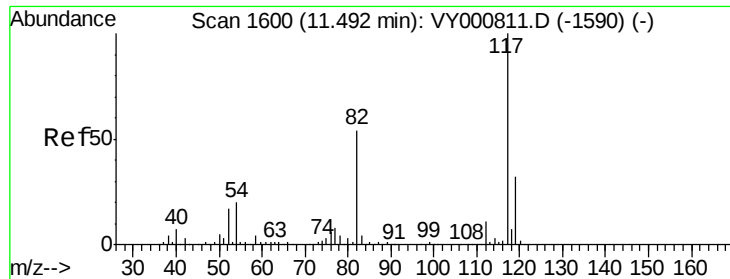
Tot Ion: 98 Resp: 580853
Ion Ratio Lower Upper
98 100
100 65.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.561 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000918.D
Acq: 09 Dec 2019 17:33

Tgt Ion: 95 Resp: 199898
Ion Ratio Lower Upper
95 100
174 75.2 0.0 150.6
176 70.5 0.0 145.2

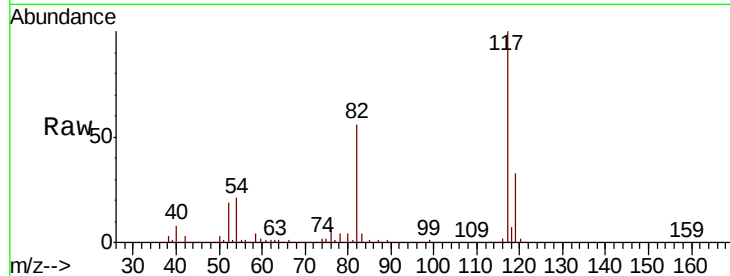




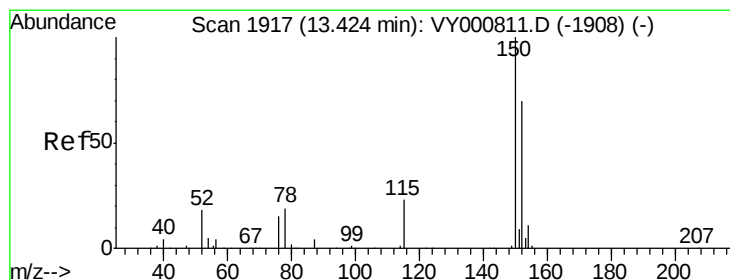
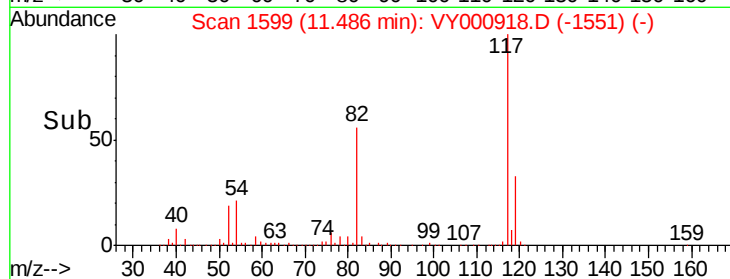
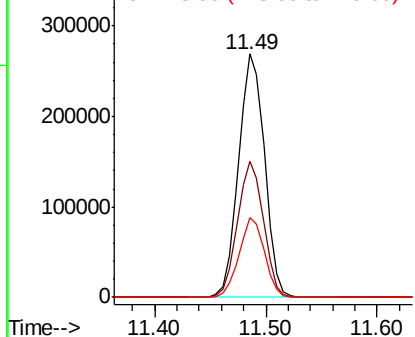
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000918.D
Acq: 09 Dec 2019 17:33

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 433626
Ion Ratio Lower Upper
117 100
82 55.9 43.1 64.7
119 32.8 25.3 37.9

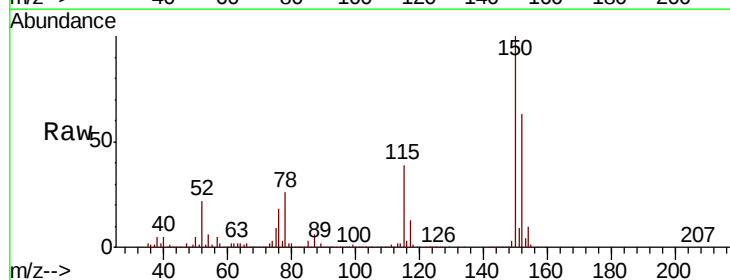


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

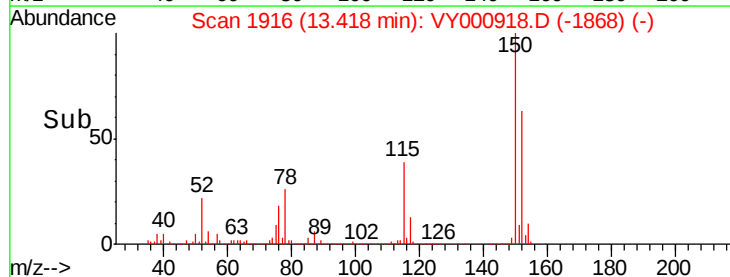
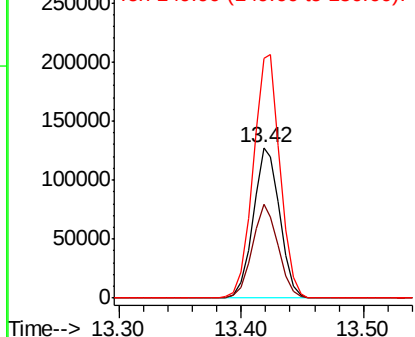


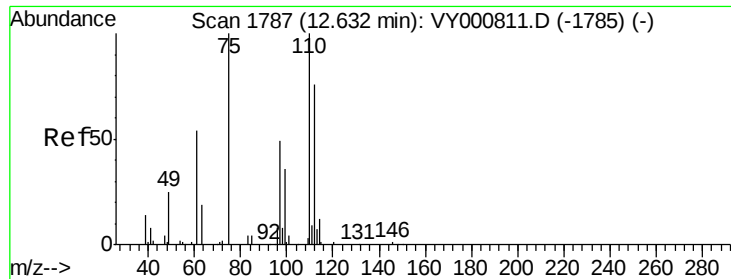
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY000918.D
Acq: 09 Dec 2019 17:33

Tgt Ion:152 Resp: 192289
Ion Ratio Lower Upper
152 100
115 60.8 29.3 87.8
150 163.3 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

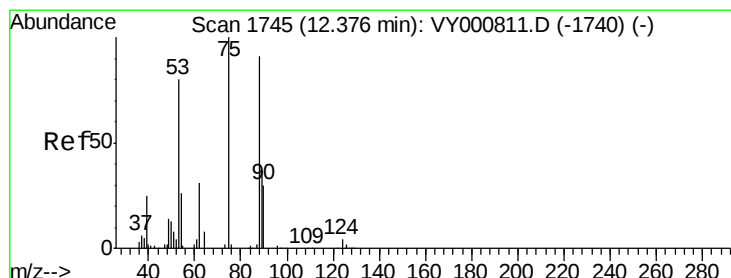
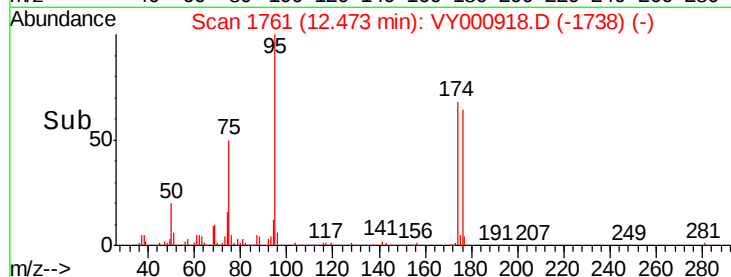
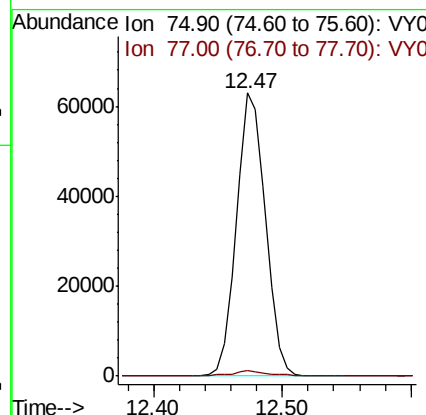
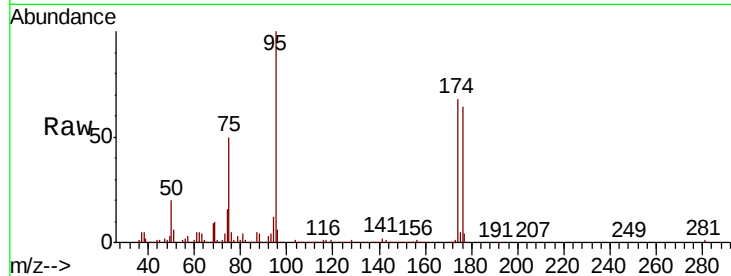




#76
 1,2,3-Trichloropropane
 Concen: 45.173 ug/l
 RT: 12.47 min Scan# 1761
 Delta R.T. -0.16 min
 Lab File: VY000918.D
 Acq: 09 Dec 2019 17:33

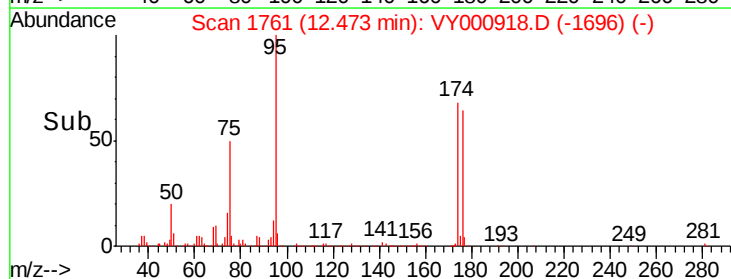
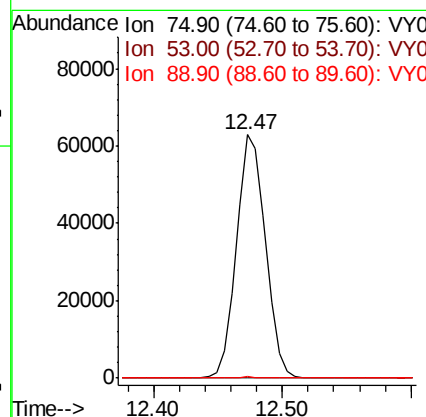
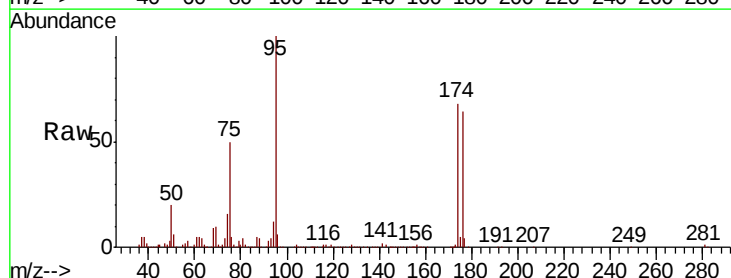
Instrument :
 MSVOA_Y
 ClientSampleId :

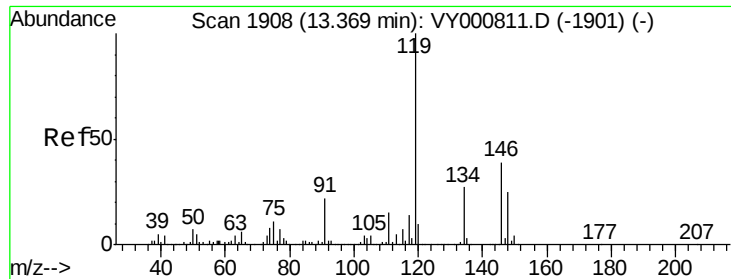
Tot Ion: 75 Resp: 98414
 Ion Ratio Lower Upper
 75 100
 77 2.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.732 ug/l
 RT: 12.47 min Scan# 1761
 Delta R.T. 0.10 min
 Lab File: VY000918.D
 Acq: 09 Dec 2019 17:33

Tgt Ion: 75 Resp: 98414
 Ion Ratio Lower Upper
 75 100
 53 0.1 64.6 96.8#
 89 0.2 33.6 50.4#





#86
 p-Isopropyltoluene
 Concen: 1.194 ug/l
 RT: 13.55 min Scan# 1937
 Delta R.T. 0.18 min
 Lab File: VY000918.D
 Acq: 09 Dec 2019 17:33

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
134	4.2	13.5	40.4#
91	44.6	11.5	34.5#

