

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
 Data File : VY000887.D
 Acq On : 05 Dec 2019 17:26
 Operator : SY/MD
 Sample : K6177-04
 Misc : 7.10G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-4

Quant Time: Dec 06 04:02:39 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

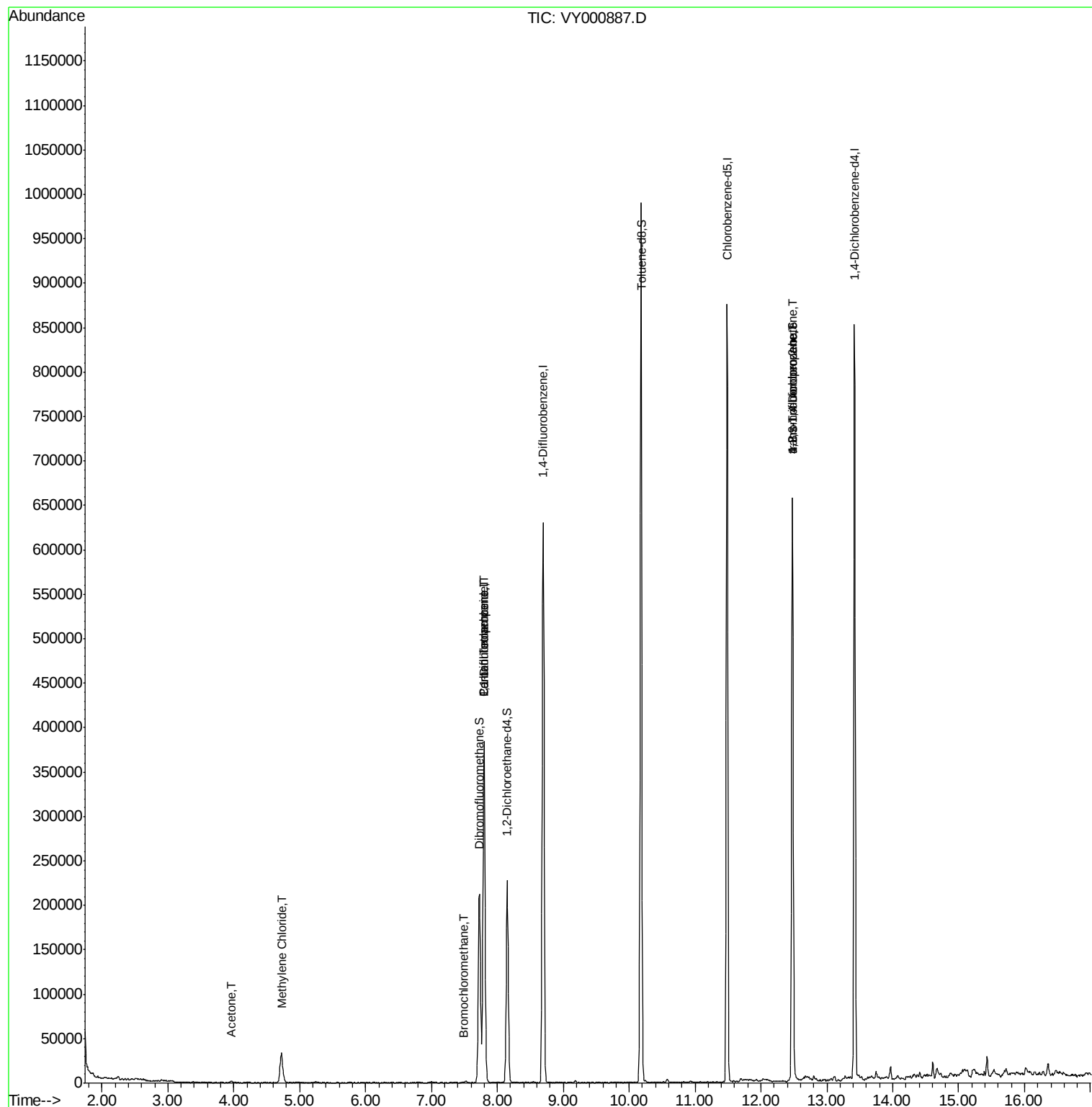
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	291433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	539404	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	470937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	200855	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	165574	53.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.94%	
35) Dibromofluoromethane	7.73	113	156020	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
50) Toluene-d8	10.18	98	641581	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
62) 4-Bromofluorobenzene	12.48	95	212985	45.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.24%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.66	94	241	Below Cal	#	78
16) Acetone	3.97	43	2789	3.926	ug/l #	70
20) Methylene Chloride	4.72	84	23227	6.203	ug/l	97
28) Bromochloromethane	7.49	49	22	2.025	ug/l #	15
36) 1,1-Dichloropropene	7.80	75	23653	4.410	ug/l #	50
38) Carbon Tetrachloride	7.80	117	29901	6.260	ug/l #	13
76) 1,2,3-Trichloropropane	12.48	75	106061	46.607	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	106061	91.549	ug/l #	17

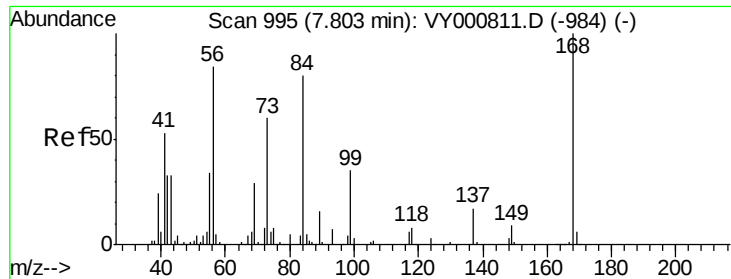
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000887.D

Acq: 05 Dec 2019 17:26

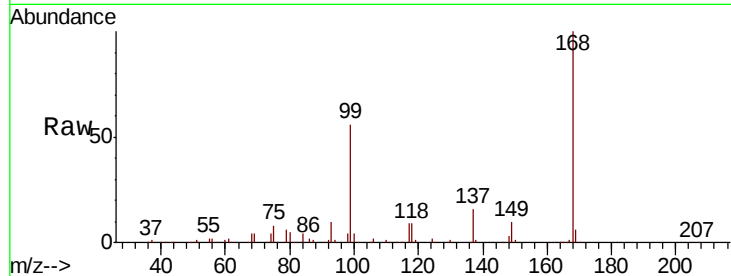
Instrument :
MSVOA_Y
ClientSampleId :
EP-4

Tot Ion:168 Resp: 291433

Ion Ratio Lower Upper

168 100

99 55.7 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000887.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000887.D (-946) (-)

7.80

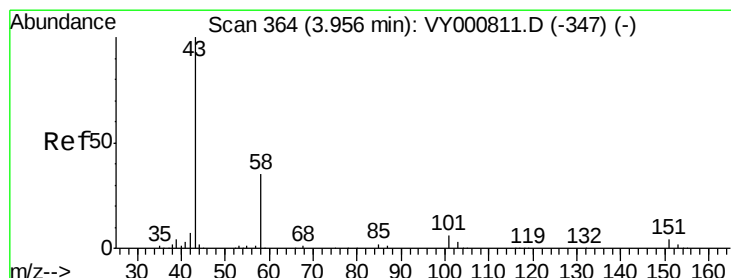
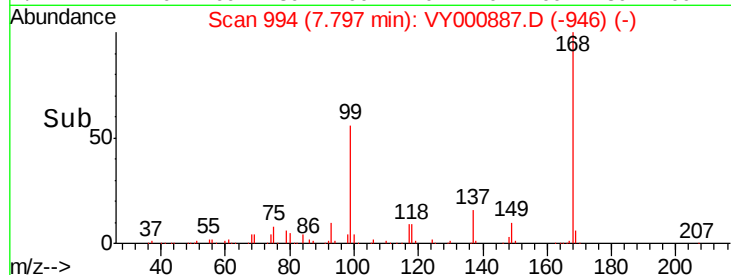
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.926 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY000887.D

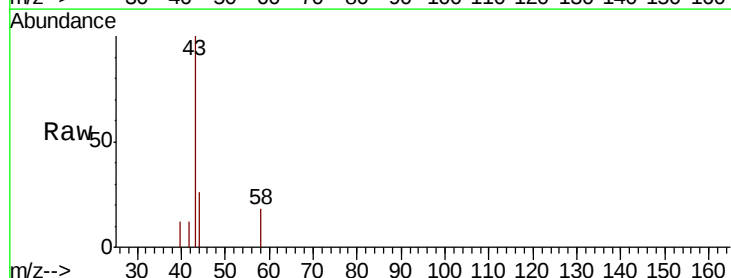
Acq: 05 Dec 2019 17:26

Tgt Ion: 43 Resp: 2789

Ion Ratio Lower Upper

43 100

58 17.8 28.0 42.0#



Abundance Ion 43.00 (42.70 to 43.70): VY000887.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY000887.D (-315) (-)

3.97

1000

800

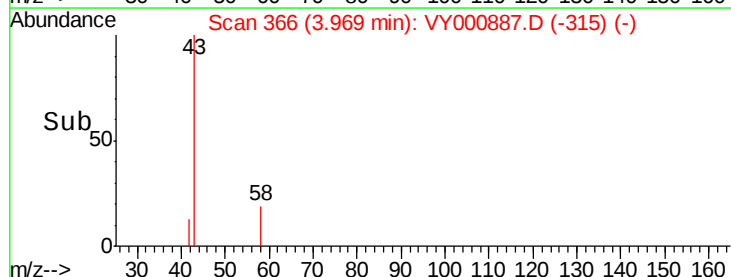
600

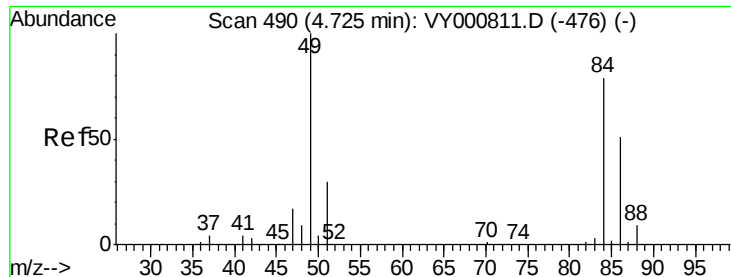
400

200

0

Time-->





#20

Methylene Chloride

Concen: 6.203 ug/l

RT: 4.72 min Scan# 490

Delta R.T. -0.00 min

Lab File: VY000887.D

Acq: 05 Dec 2019 17:26

Instrument :

MSVOA_Y

ClientSampleId :

EP-4

Tot Ion: 84 Resp: 23227

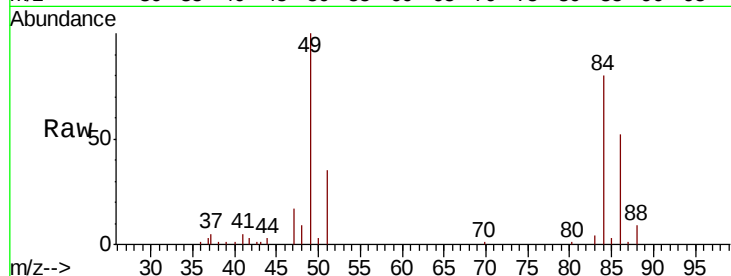
Ion Ratio Lower Upper

84 100

49 124.4 101.3 151.9

51 43.1 30.6 45.8

86 64.6 51.3 76.9

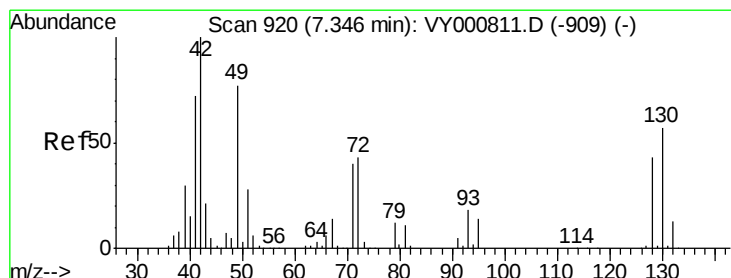
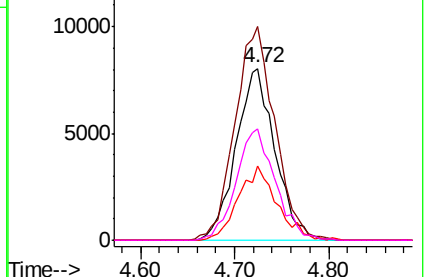
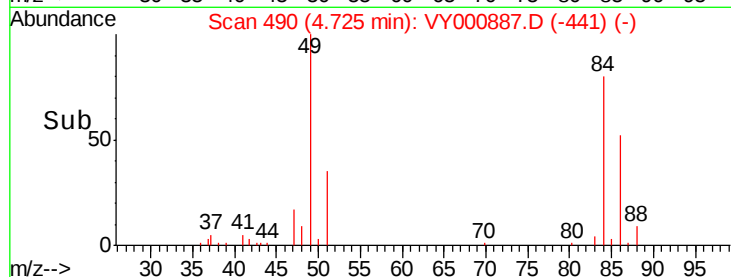


Abundance Ion 83.90 (83.60 to 84.60): VY0

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



#28

Bromochloromethane

Concen: 2.025 ug/l

RT: 7.49 min Scan# 943

Delta R.T. 0.14 min

Lab File: VY000887.D

Acq: 05 Dec 2019 17:26

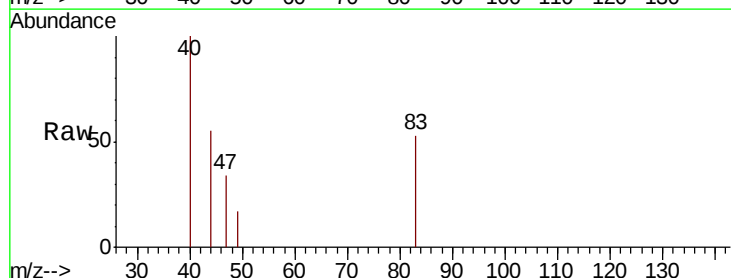
Tgt Ion: 49 Resp: 22

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

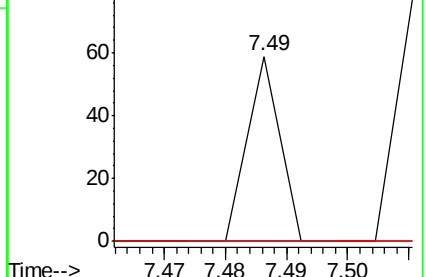
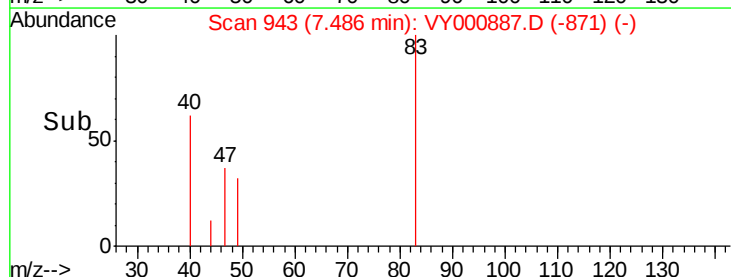
130 0.0 58.7 88.1#

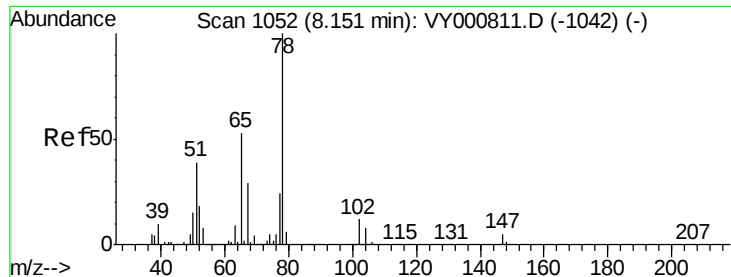


Abundance Ion 48.90 (48.60 to 49.60): VY0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

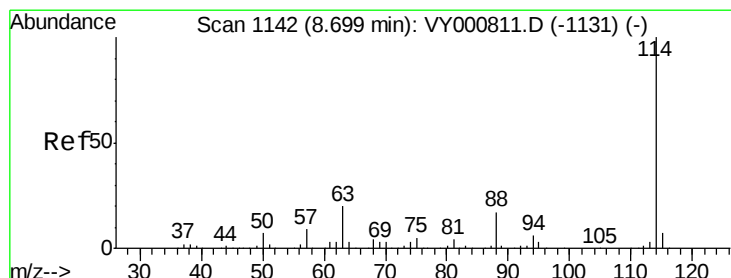
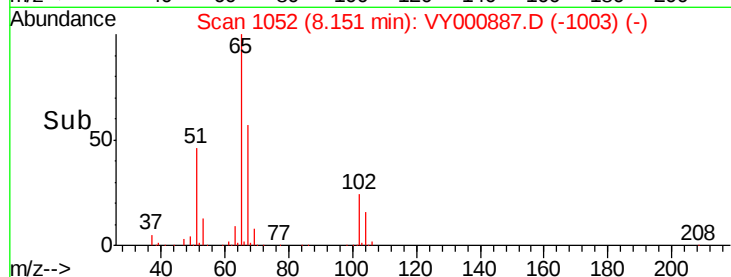
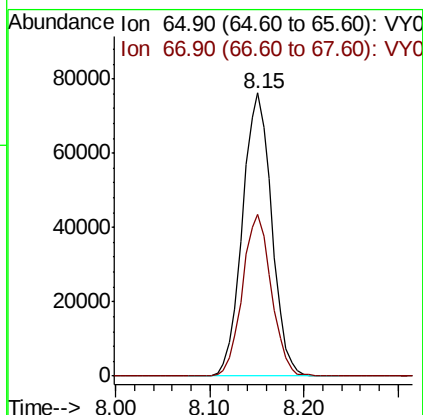
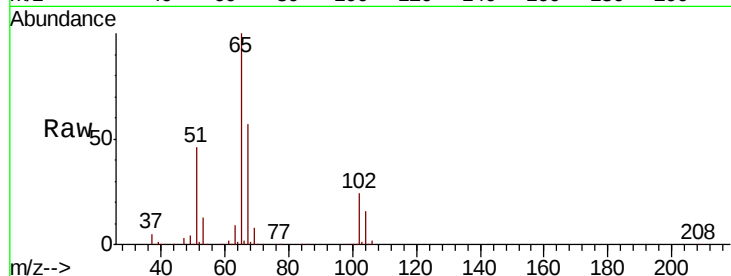




#33
 1,2-Dichloroethane-d4
 Concen: 53.468 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000887.D
 Acq: 05 Dec 2019 17:26

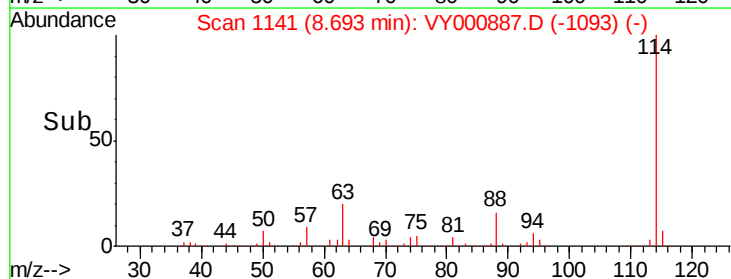
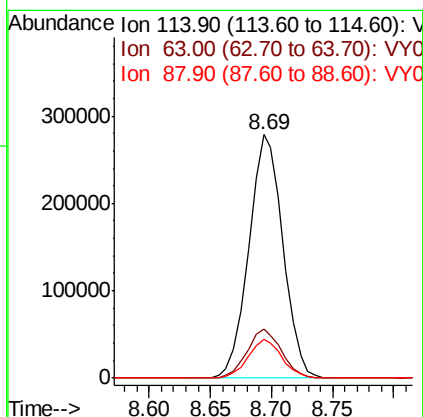
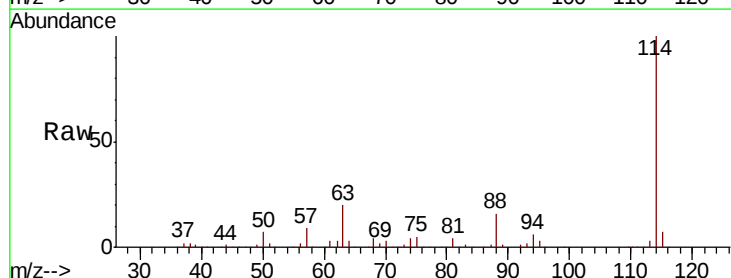
Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-4

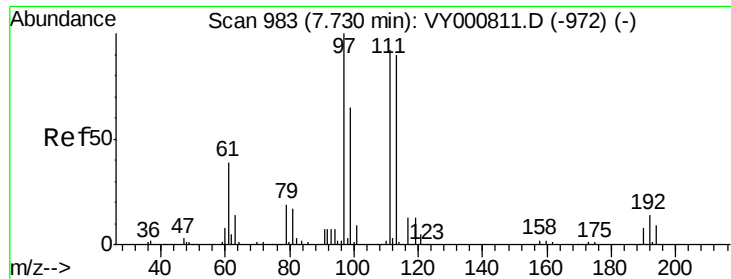
Tot Ion: 65 Resp: 165574
 Ion Ratio Lower Upper
 65 100
 67 56.4 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000887.D
 Acq: 05 Dec 2019 17:26

Tgt Ion: 114 Resp: 539404
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.8
 88 15.7 0.0 33.2

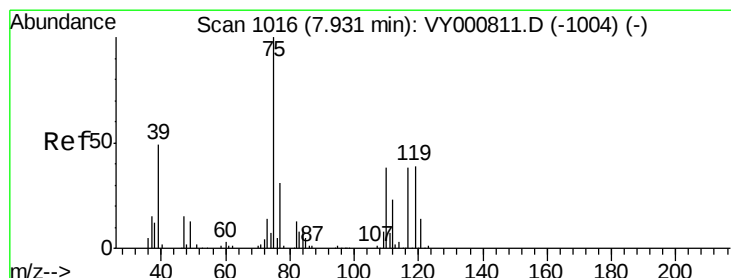
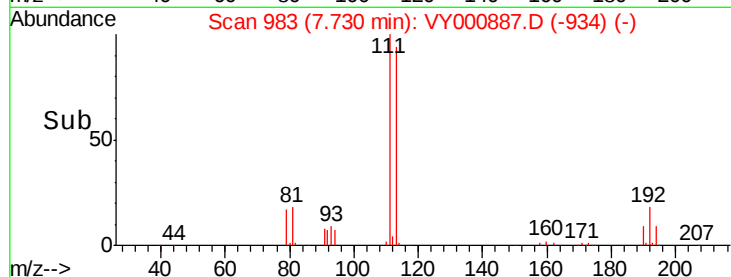
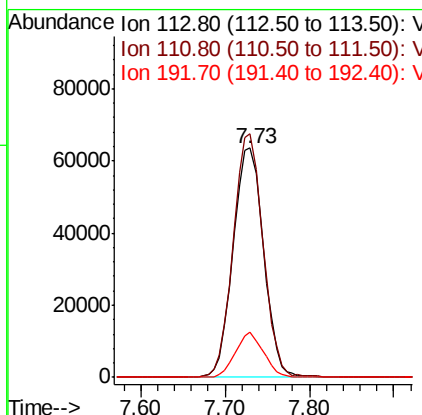
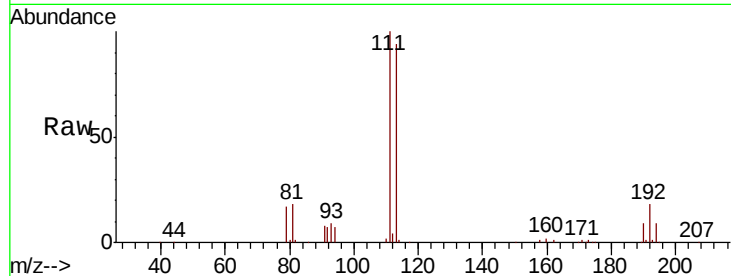




#35
 Dibromofluoromethane
 Concen: 49.630 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000887.D
 Acq: 05 Dec 2019 17:26

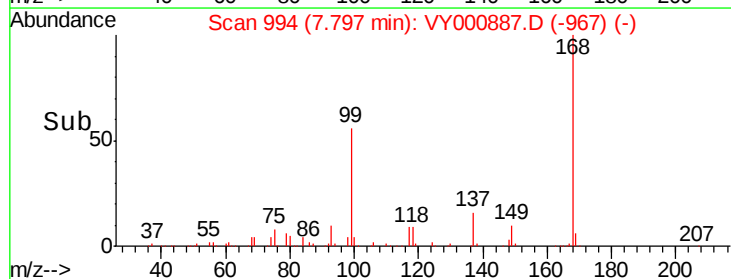
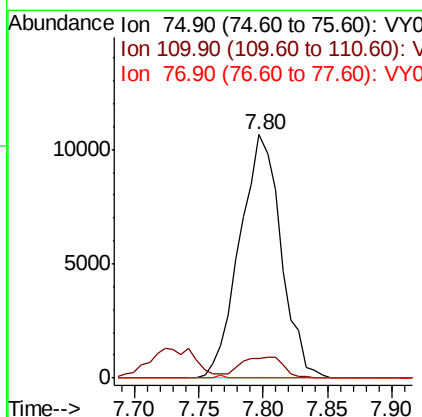
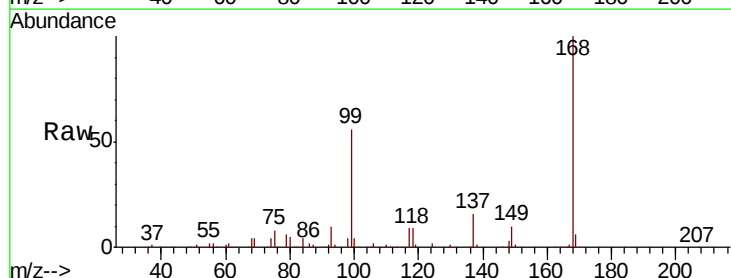
Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-4

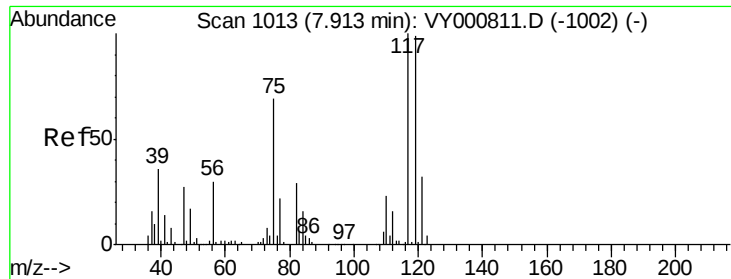
Tot Ion:113 Resp: 156020
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.4 123.6
 192 18.0 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 4.410 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY000887.D
 Acq: 05 Dec 2019 17:26

Tgt Ion: 75 Resp: 23653
 Ion Ratio Lower Upper
 75 100
 110 9.1 17.9 53.7#
 77 0.0 24.7 37.1#

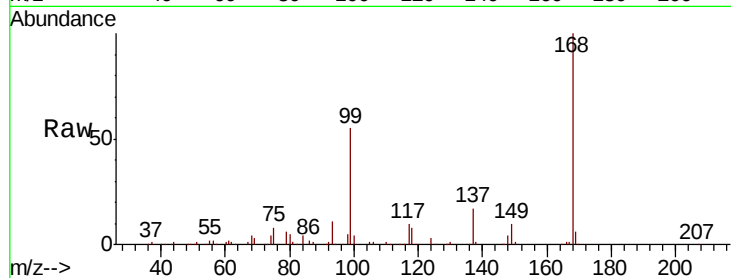




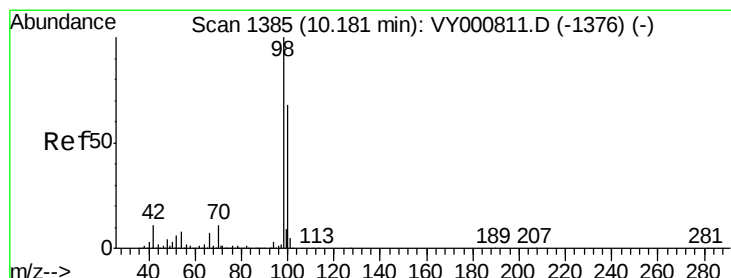
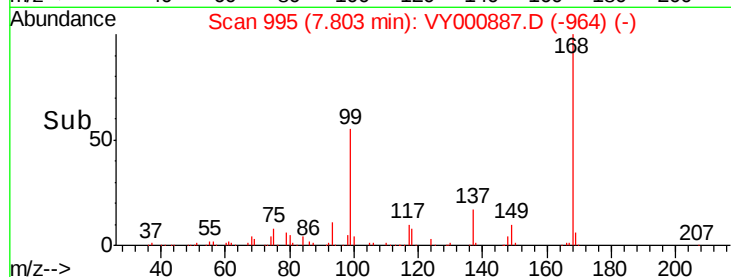
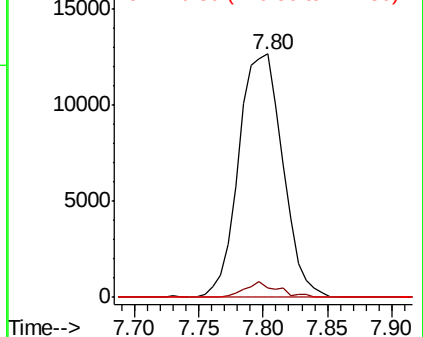
#38
Carbon Tetrachloride
Concen: 6.260 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY000887.D
Acq: 05 Dec 2019 17:26

Instrument :
MSVOA_Y
ClientSampleId :
EP-4

Tot Ion:117 Resp: 29901
Ion Ratio Lower Upper
117 100
119 3.7 79.3 118.9#
121 0.0 25.5 38.3#

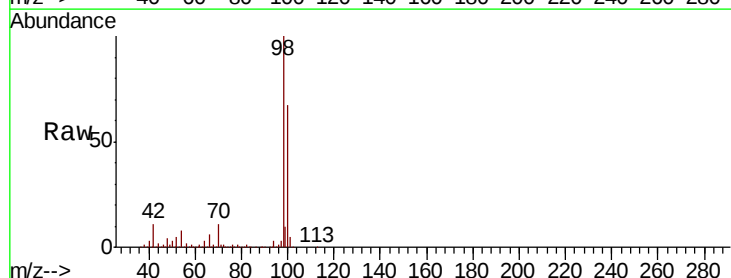


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

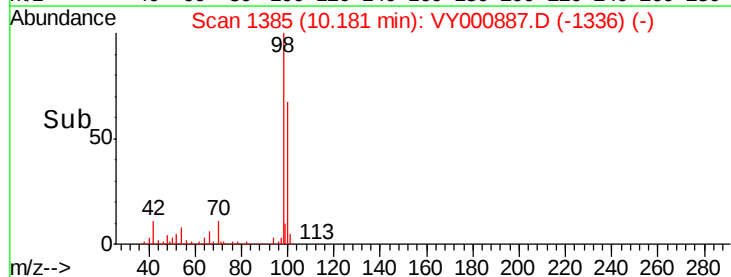
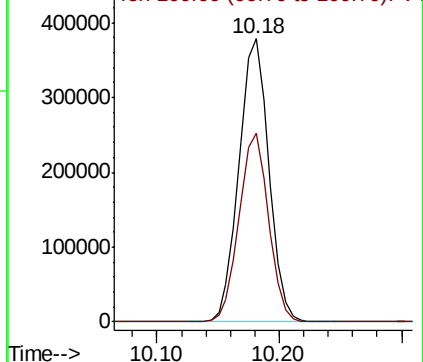


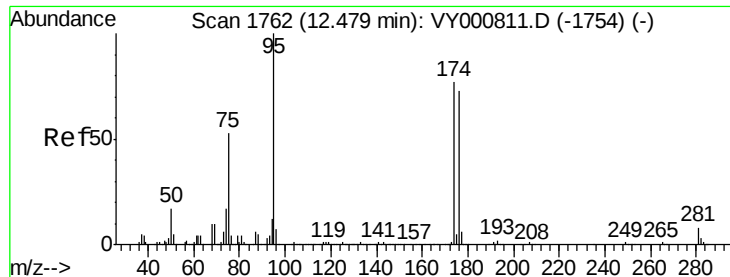
#50
Toluene-d8
Concen: 51.048 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000887.D
Acq: 05 Dec 2019 17:26

Tgt Ion: 98 Resp: 641581
Ion Ratio Lower Upper
98 100
100 65.8 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: 45.124 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000887.D

Acq: 05 Dec 2019 17:26

Instrument :

MSVOA_Y

ClientSampleId :

EP-4

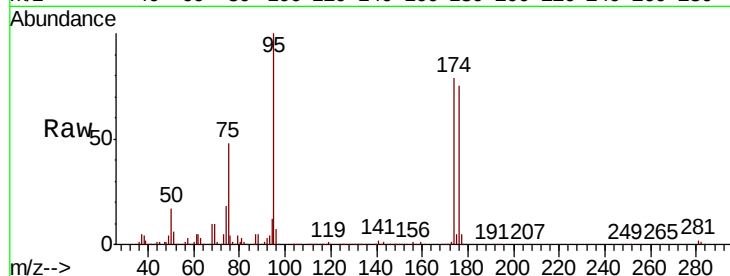
Tot Ion: 95 Resp: 212985

Ion Ratio Lower Upper

95 100

174 74.9 0.0 150.6

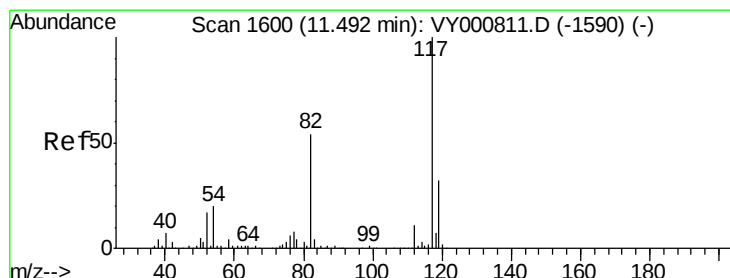
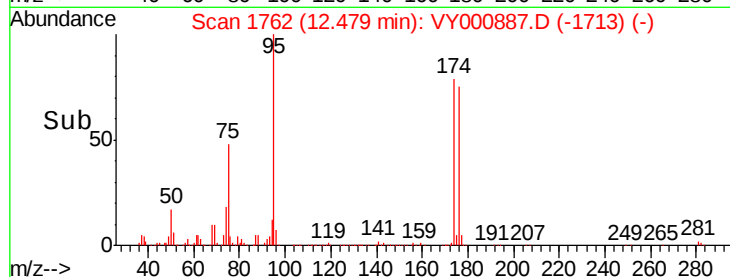
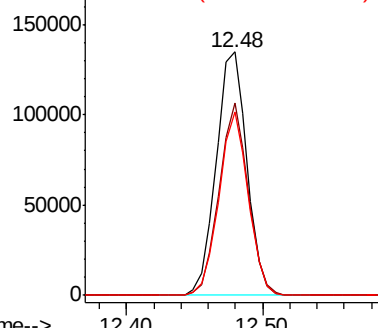
176 72.1 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VY000887.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY000887.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY000887.D (-1754) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VY000887.D

Acq: 05 Dec 2019 17:26

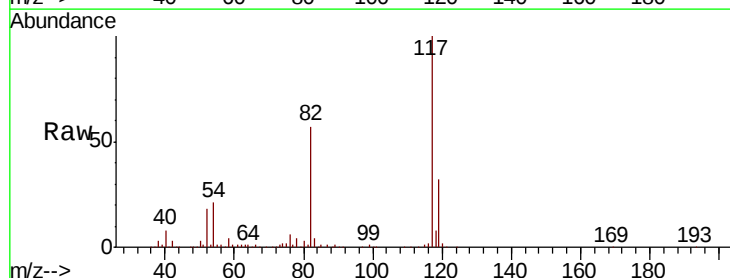
Tgt Ion: 117 Resp: 470937

Ion Ratio Lower Upper

117 100

82 56.8 43.1 64.7

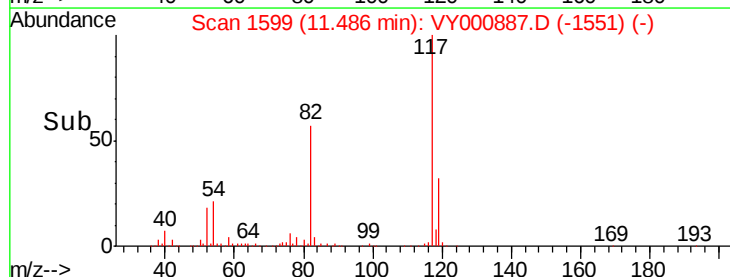
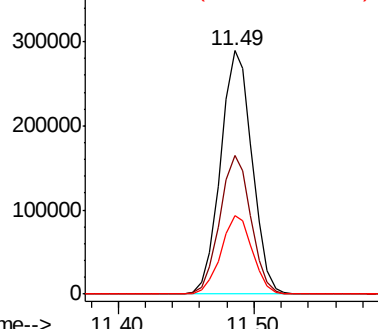
119 32.4 25.3 37.9

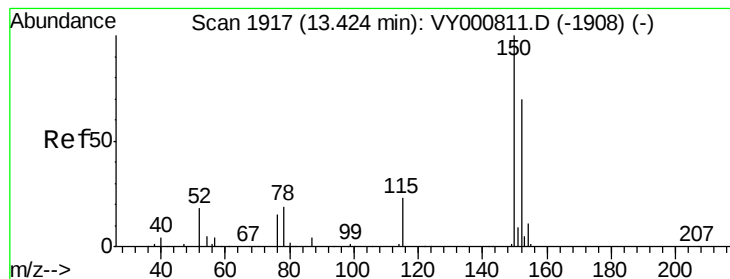


Abundance Ion 116.90 (116.60 to 117.60): VY000887.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY000887.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY000887.D (-1551) (-)



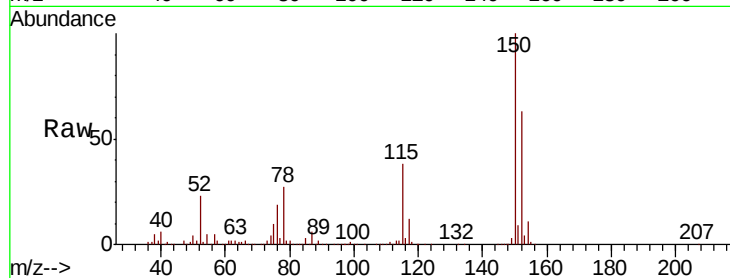


#72

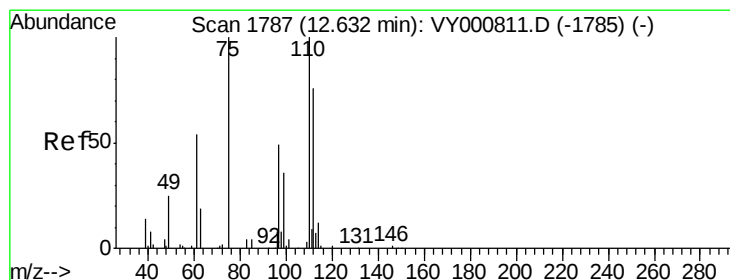
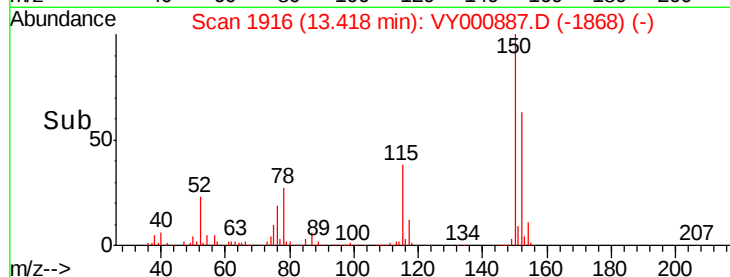
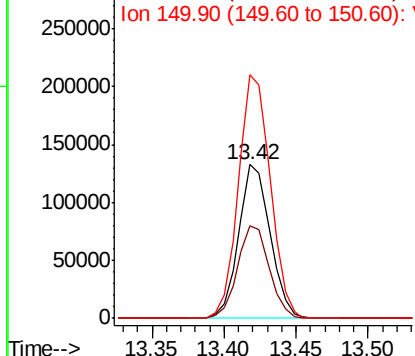
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY000887.D
Acq: 05 Dec 2019 17:26

Instrument :
MSVOA_Y
ClientSampled :
EP-4

Tot Ion:152 Resp: 200855
Ion Ratio Lower Upper
152 100
115 61.0 29.3 87.8
150 160.6 0.0 351.2



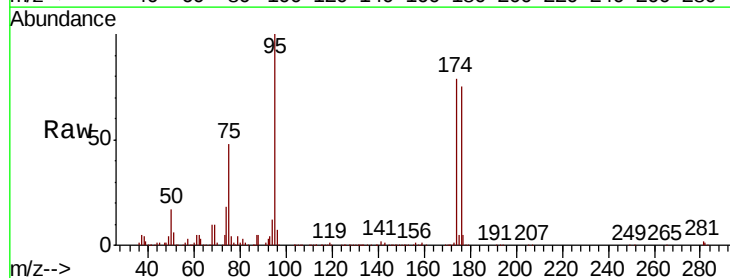
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



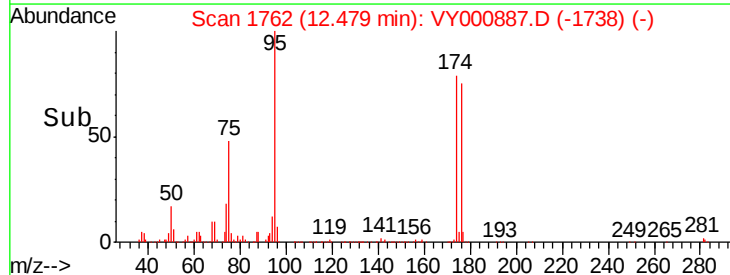
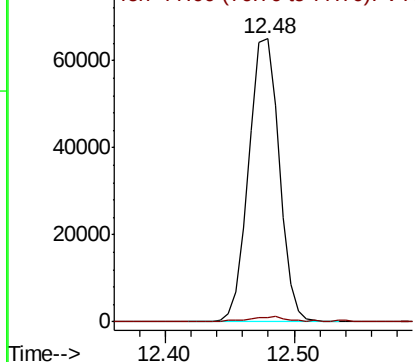
#76

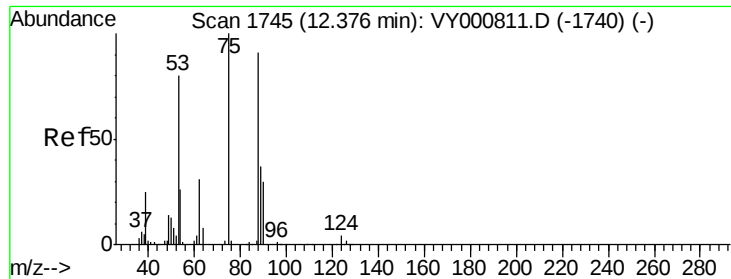
1,2,3-Trichloropropane
Concen: 46.607 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY000887.D
Acq: 05 Dec 2019 17:26

Tgt Ion: 75 Resp: 106061
Ion Ratio Lower Upper
75 100
77 2.8 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: 91.549 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000887.D

Acq: 05 Dec 2019 17:26

Instrument :

MSVOA_Y

ClientSampleId :

EP-4

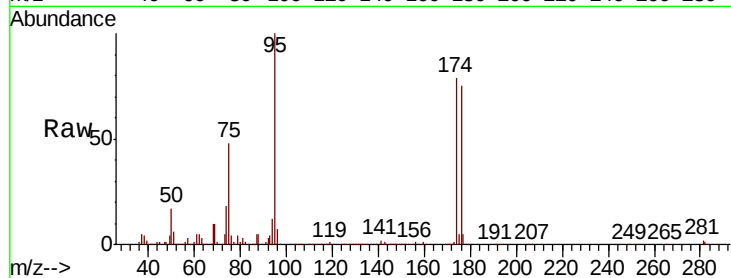
Tot Ion: 75 Resp: 106061

Ion Ratio Lower Upper

75 100

53 0.0 64.6 96.8#

89 0.0 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

