

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
 Data File : VY000888.D
 Acq On : 05 Dec 2019 17:48
 Operator : SY/MD
 Sample : K6177-05
 Misc : 3.41G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-5

Quant Time: Dec 06 04:02:48 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

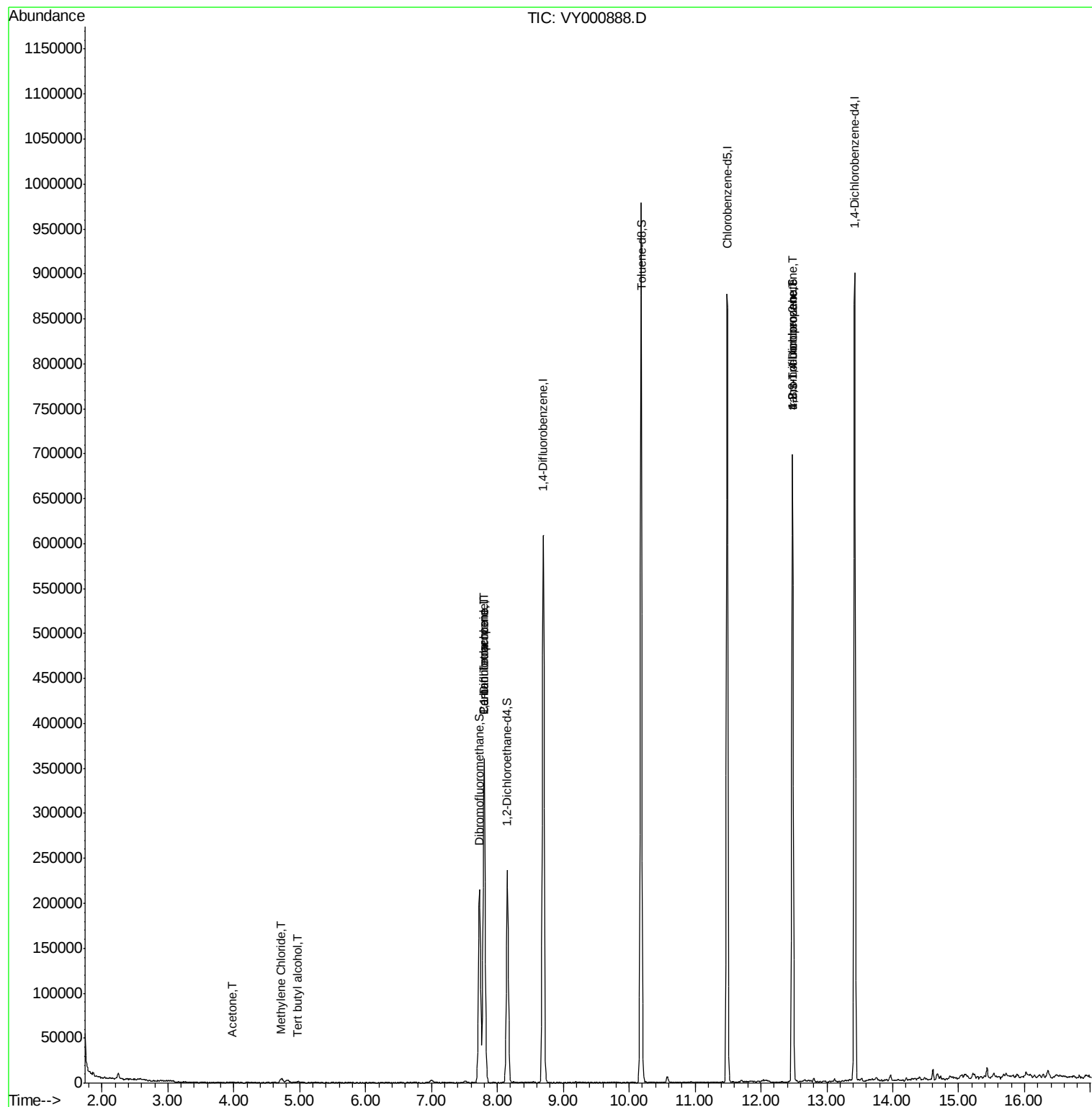
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	282796	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	521912	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	483728	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	220854	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	172129	57.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.56%	
35) Dibromofluoromethane	7.73	113	153260	50.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.78%	
50) Toluene-d8	10.18	98	629901	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.60%	
62) 4-Bromofluorobenzene	12.48	95	220271	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.67	94	51	Below Cal	#	40
11) Tert butyl alcohol	4.96	59	2307	7.631	ug/l #	74
16) Acetone	3.97	43	1396	2.025	ug/l	98
20) Methylene Chloride	4.72	84	3804	1.047	ug/l #	80
36) 1,1-Dichloropropene	7.80	75	23148	4.461	ug/l #	49
38) Carbon Tetrachloride	7.80	117	27878	6.032	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	112044	44.777	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	112044	87.955	ug/l #	17

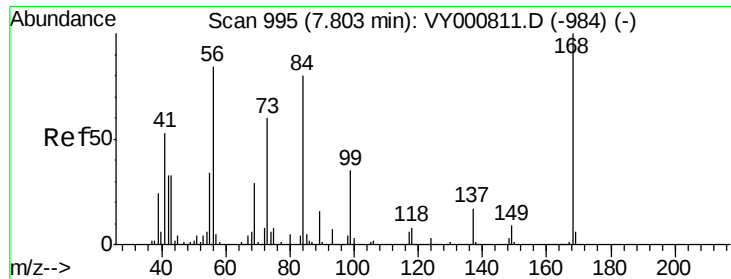
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 06 04:02:48 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
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: VY000888.D

Acq: 05 Dec 2019 17:48

Instrument :

MSVOA_Y

ClientSampled :

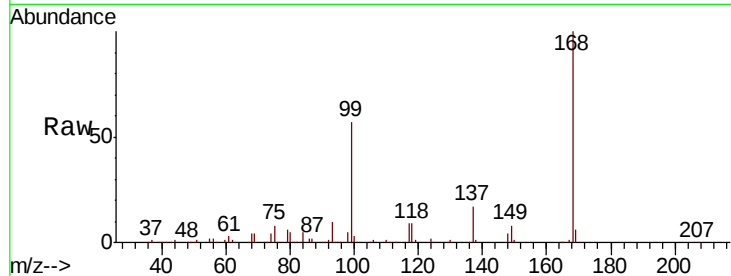
EP-5

Tot Ion:168 Resp: 282796

Ion Ratio Lower Upper

168 100

99 56.7 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000888.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000888.D (-946) (-)

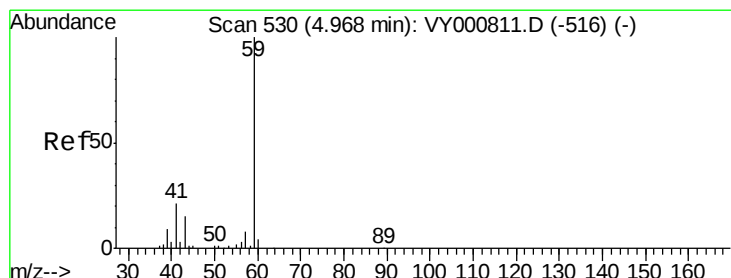
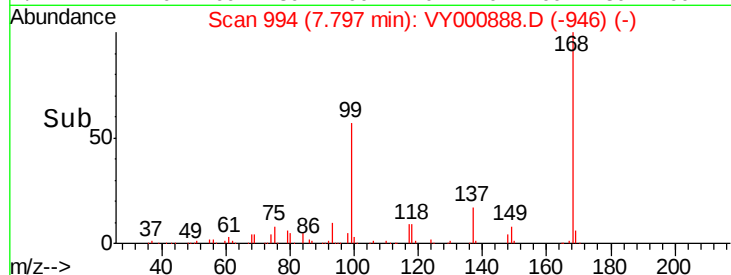
7.80

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 7.631 ug/l

RT: 4.96 min Scan# 529

Delta R.T. -0.01 min

Lab File: VY000888.D

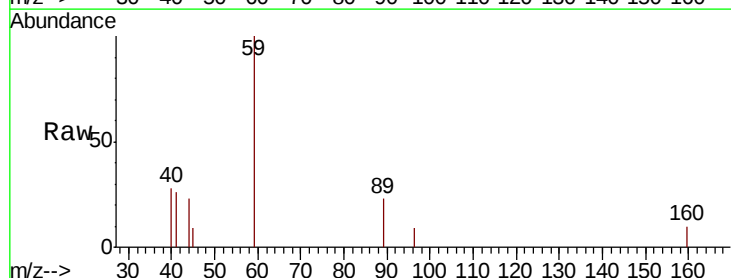
Acq: 05 Dec 2019 17:48

Tgt Ion: 59 Resp: 2307

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VY000888.D (-481) (-)

Ion 57.00 (56.70 to 57.70): VY000888.D (-481) (-)

4.96

800

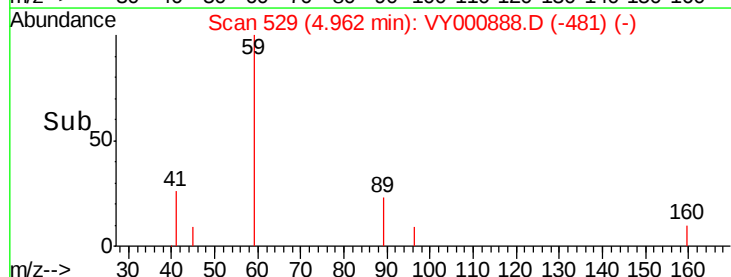
600

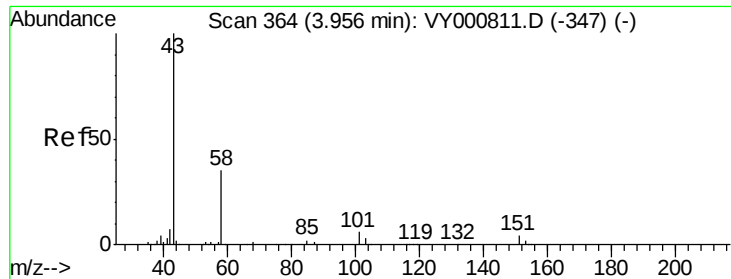
400

200

0

Time-->





#16

Acetone

Concen: 2.025 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY000888.D

Acq: 05 Dec 2019 17:48

Instrument :

MSVOA_Y

ClientSampleId :

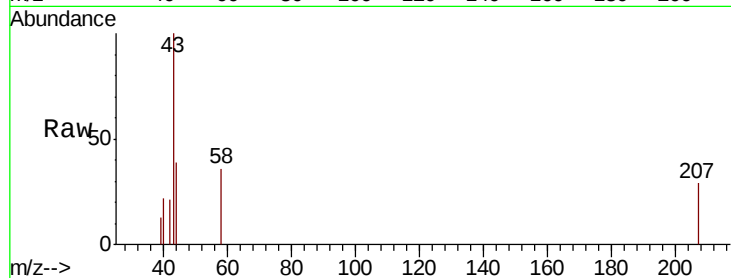
EP-5

Tot Ion: 43 Resp: 1396

Ion Ratio Lower Upper

43 100

58 36.3 28.0 42.0



Abundance Ion 43.00 (42.70 to 43.70): VY000888.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY000888.D (-347) (-)

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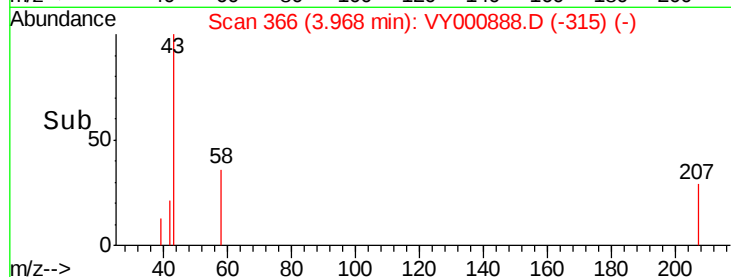
3.97

3.97

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#20

Methylene Chloride

Concen: 1.047 ug/l

RT: 4.72 min Scan# 490

Delta R.T. -0.00 min

Lab File: VY000888.D

Acq: 05 Dec 2019 17:48

Tgt Ion: 84 Resp: 3804

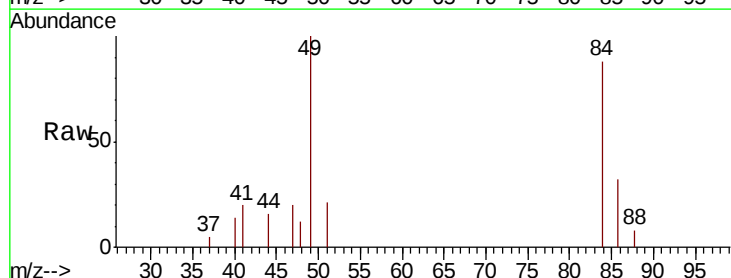
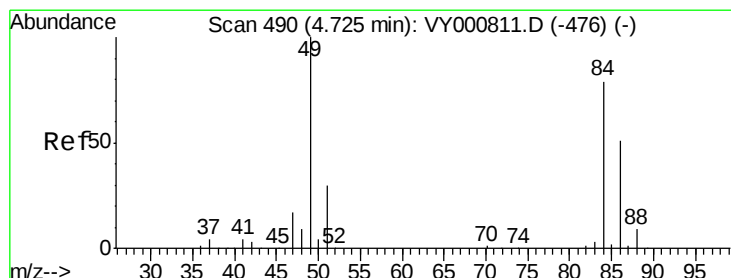
Ion Ratio Lower Upper

84 100

49 114.1 101.3 151.9

51 24.5 30.6 45.8#

86 36.9 51.3 76.9#



Abundance Ion 83.90 (83.60 to 84.60): VY000888.D (-441) (-)

Ion 48.90 (48.60 to 49.60): VY000888.D (-441) (-)

Ion 50.90 (50.60 to 51.60): VY000888.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY000888.D (-441) (-)

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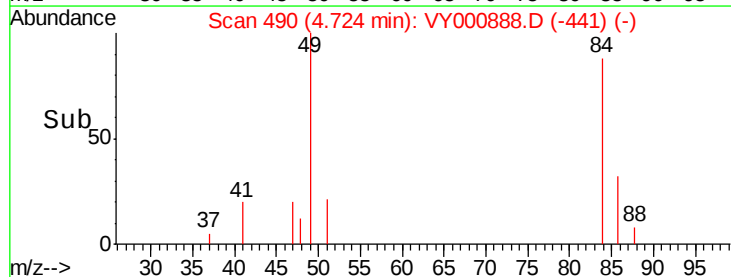
4.72

4.72

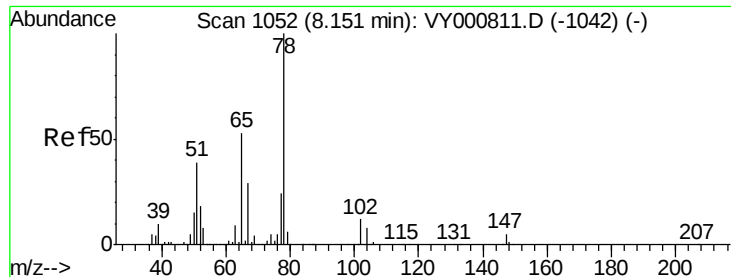
4.72

4.72

4.72



Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.282 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000888.D

Acq: 05 Dec 2019 17:48

Instrument :

MSVOA_Y

ClientSampled :

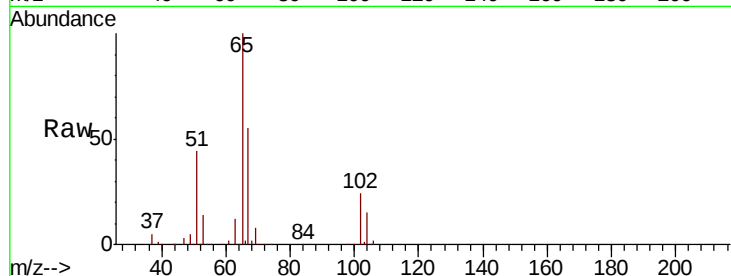
EP-5

Tot Ion: 65 Resp: 172129

Ion Ratio Lower Upper

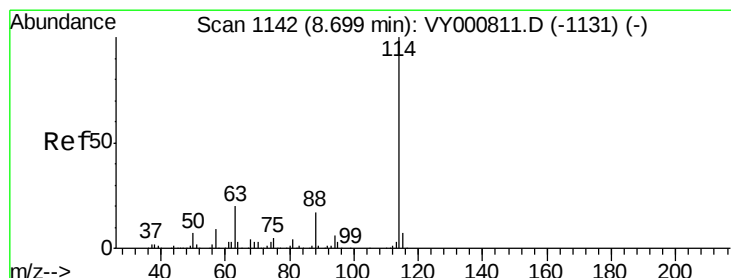
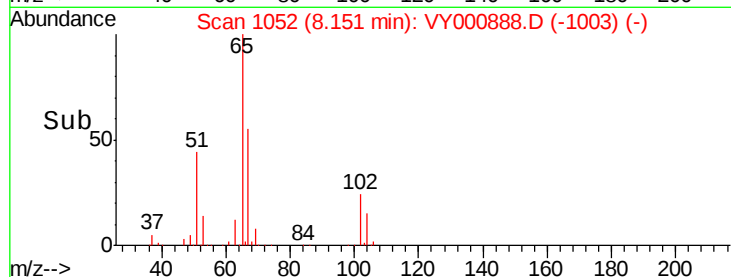
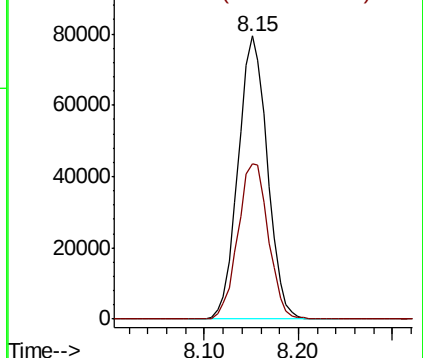
65 100

67 57.3 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY000888.D

Acq: 05 Dec 2019 17:48

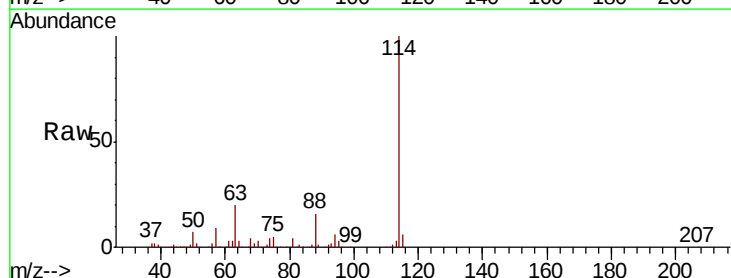
Tgt Ion: 114 Resp: 521912

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.8

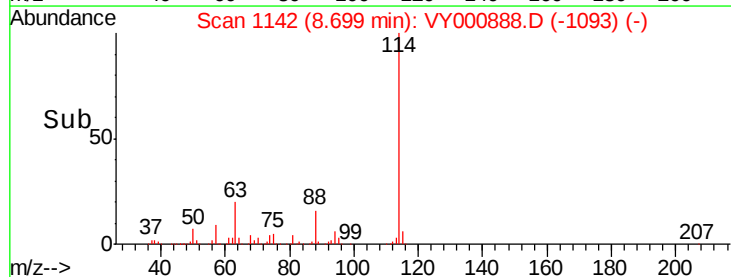
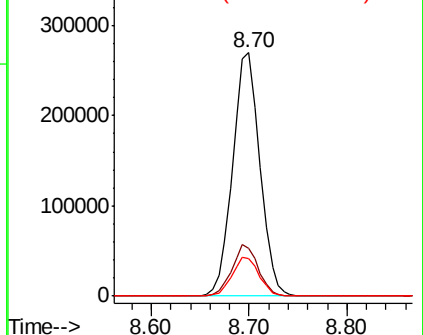
88 15.6 0.0 33.2

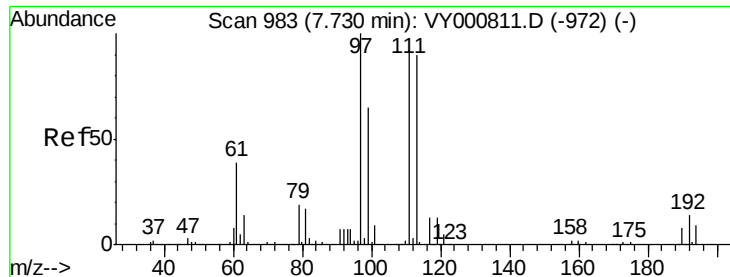


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

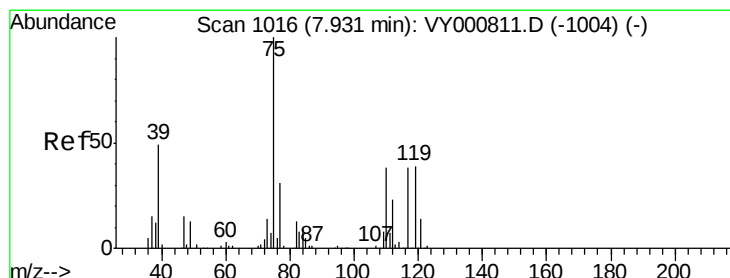
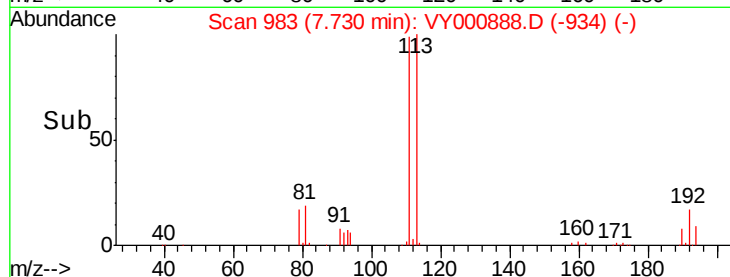
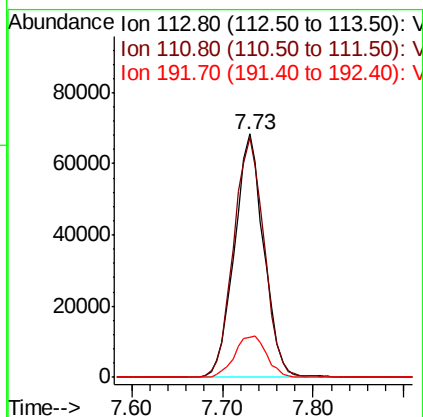
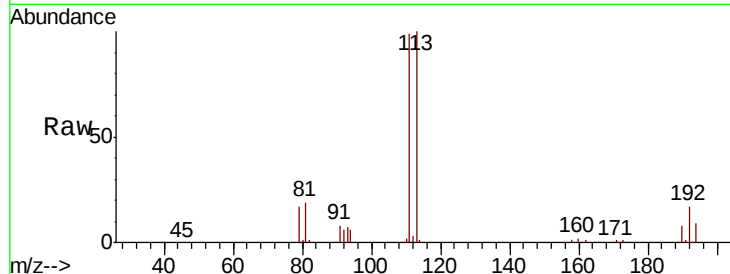




#35
 Dibromofluoromethane
 Concen: 50.386 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000888.D
 Acq: 05 Dec 2019 17:48

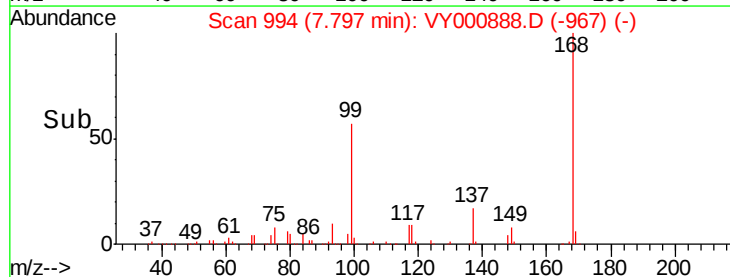
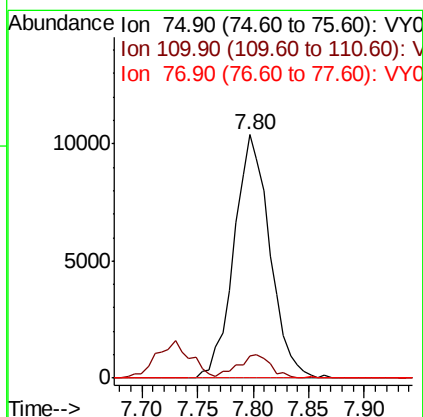
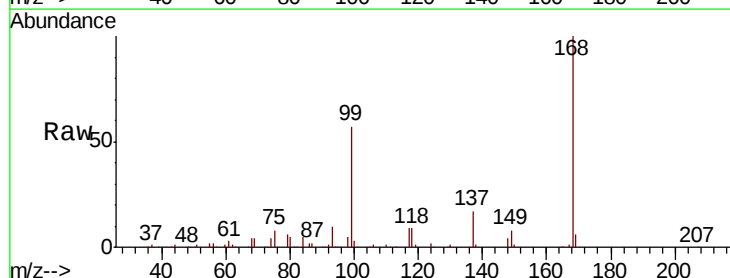
Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-5

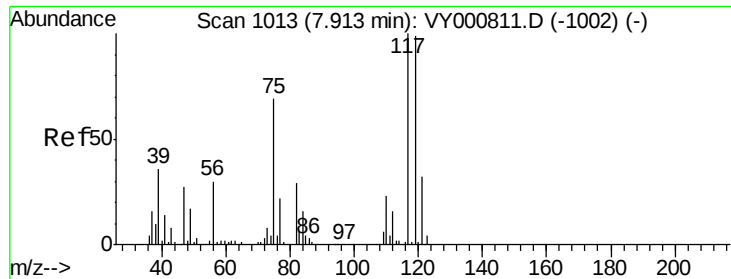
Tot Ion:113 Resp: 153260
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.4 123.6
 192 18.5 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 4.461 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY000888.D
 Acq: 05 Dec 2019 17:48

Tgt Ion: 75 Resp: 23148
 Ion Ratio Lower Upper
 75 100
 110 9.0 17.9 53.7#
 77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.032 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.12 min

Lab File: VY000888.D

Acq: 05 Dec 2019 17:48

Instrument :

MSVOA_Y

ClientSampleId :

EP-5

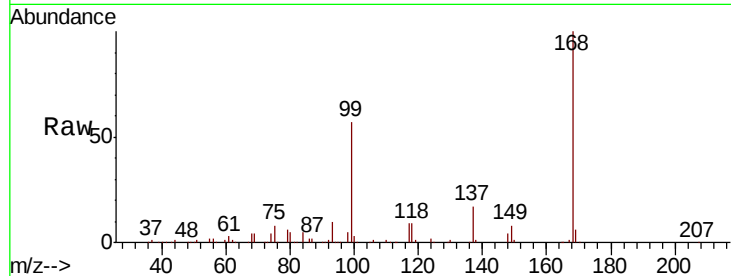
Tot Ion:117 Resp: 27878

Ion Ratio Lower Upper

117 100

119 5.6 79.3 118.9#

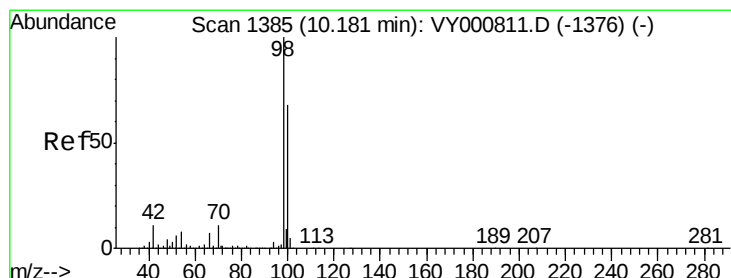
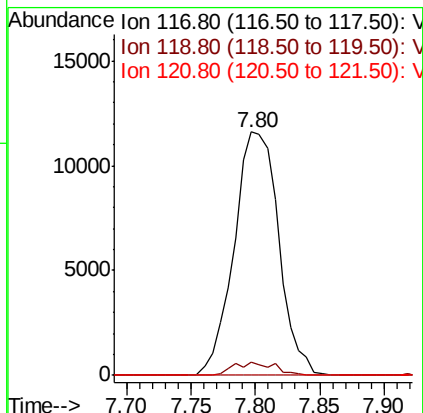
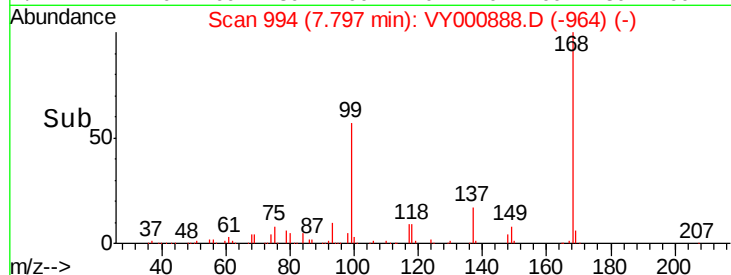
121 0.0 25.5 38.3#



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: 51.799 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000888.D

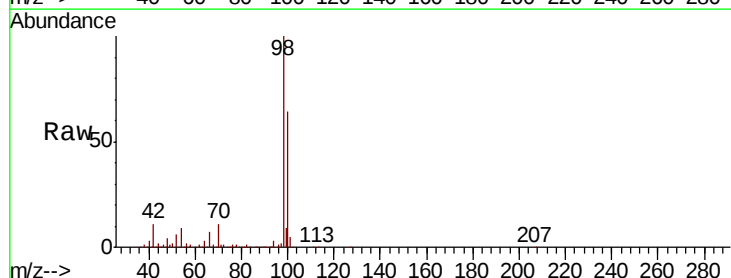
Acq: 05 Dec 2019 17:48

Tgt Ion: 98 Resp: 629901

Ion Ratio Lower Upper

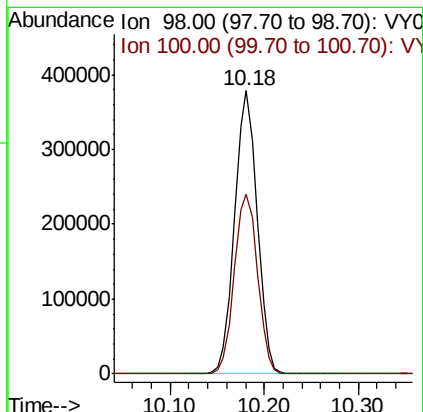
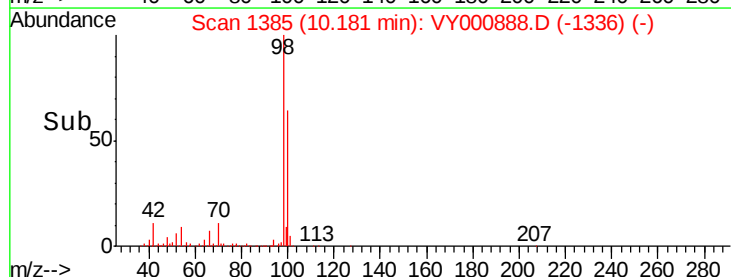
98 100

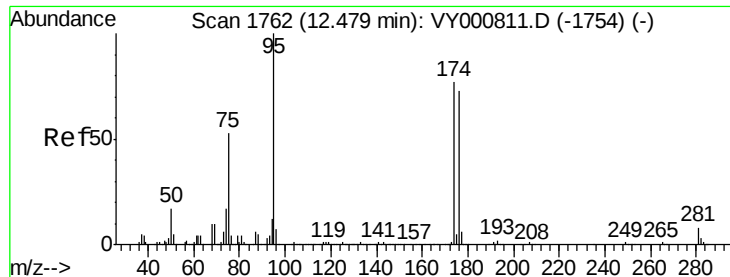
100 65.7 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

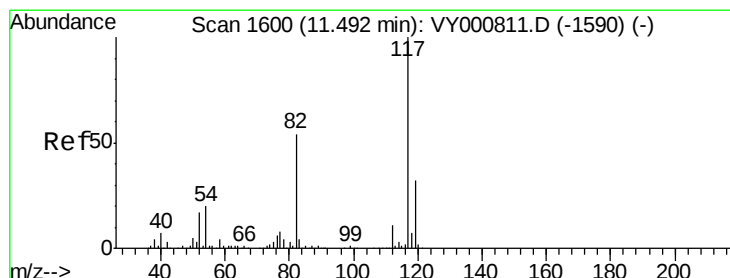
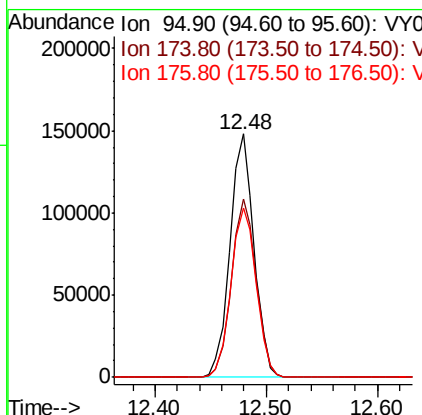
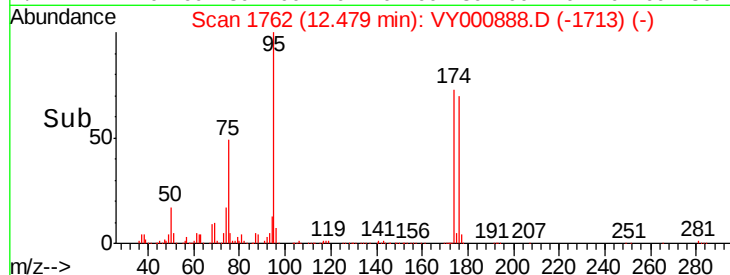
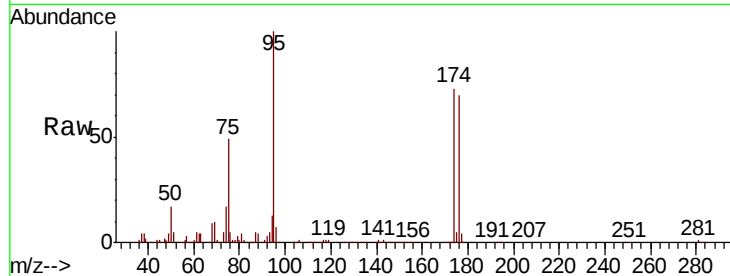




#62
4-Bromofluorobenzene
Concen: 48.232 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000888.D
Acq: 05 Dec 2019 17:48

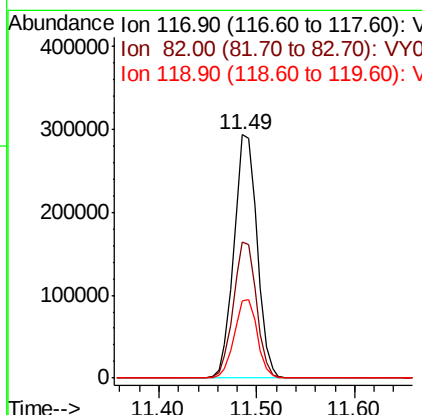
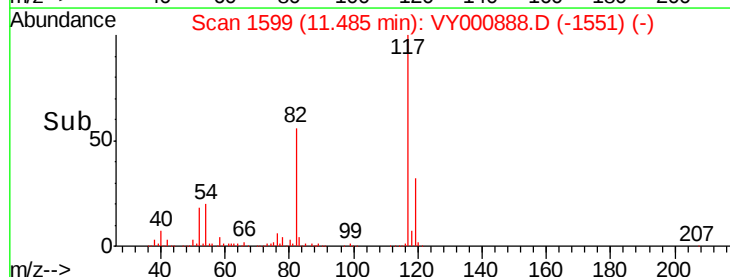
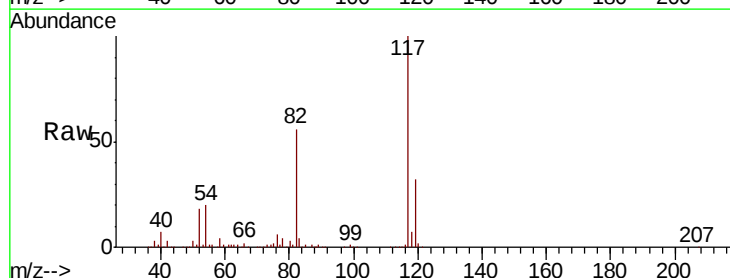
Instrument :
MSVOA_Y
ClientSampleId :
EP-5

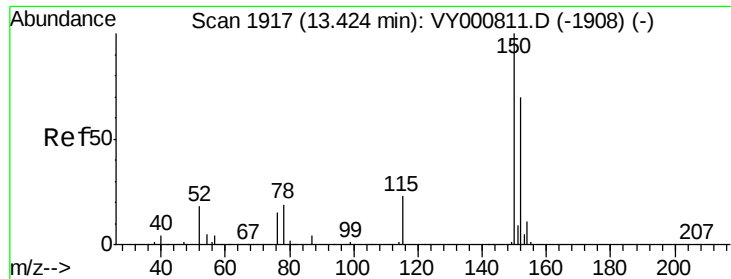
Tot Ion	Ratio	Lower	Upper
95	100		
174	75.2	0.0	150.6
176	72.9	0.0	145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000888.D
Acq: 05 Dec 2019 17:48

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.7	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: VY000888.D

Acq: 05 Dec 2019 17:48

Instrument :

MSVOA_Y

ClientSampleId :

EP-5

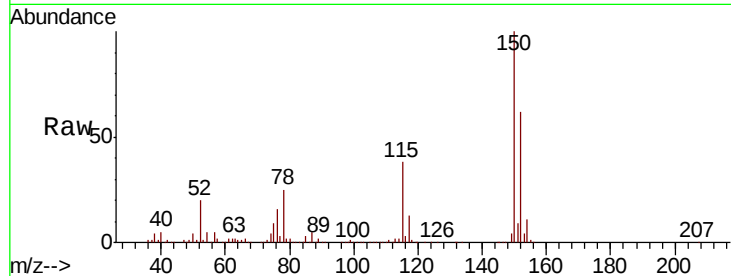
Tot Ion:152 Resp: 220854

Ion Ratio Lower Upper

152 100

115 61.9 29.3 87.8

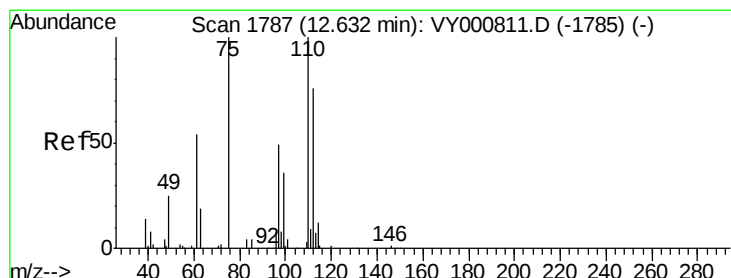
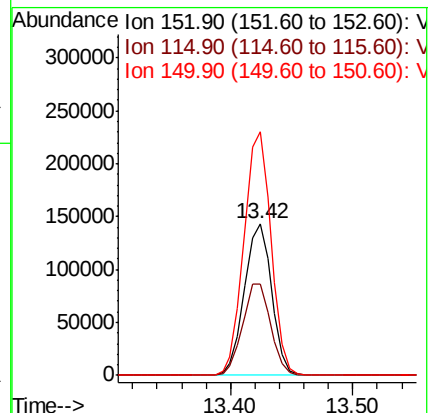
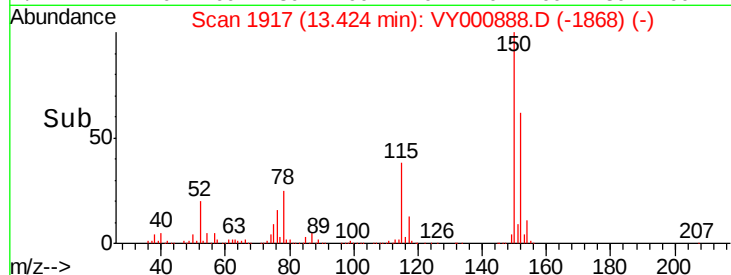
150 159.8 0.0 351.2



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: 44.777 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000888.D

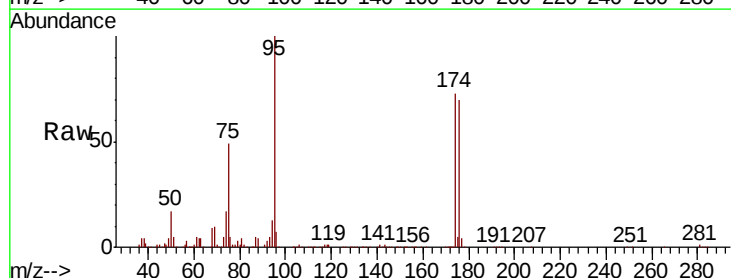
Acq: 05 Dec 2019 17:48

Tgt Ion: 75 Resp: 112044

Ion Ratio Lower Upper

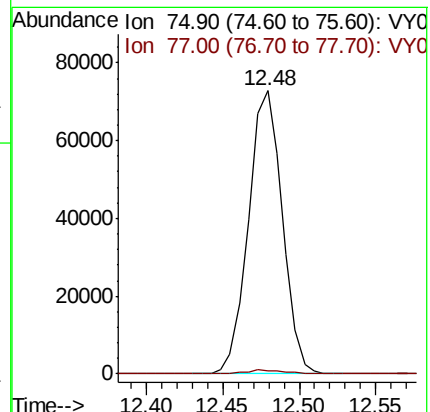
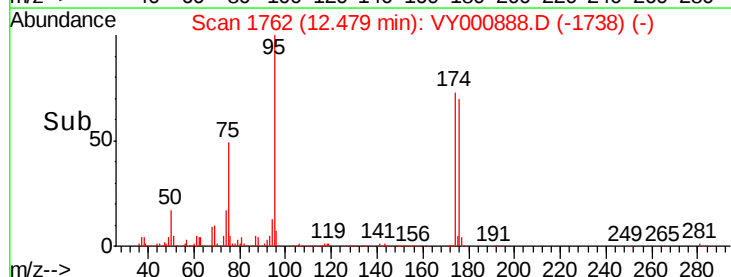
75 100

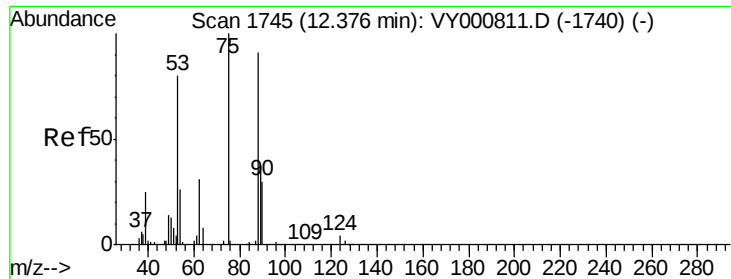
77 1.6 0.0 0.0#



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: 87.955 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000888.D

Acq: 05 Dec 2019 17:48

Instrument :

MSVOA_Y

ClientSampleId :

EP-5

Tot Ion: 75 Resp: 112044

Ion Ratio Lower Upper

75 100

53 0.0 64.6 96.8#

89 0.0 33.6 50.4#

