

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070220\
 Data File : VY003086.D
 Acq On : 02 Jul 2020 15:35
 Operator : SY/MD
 Sample : L3172-03RE
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP2-SS

Quant Time: Jul 03 02:37:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

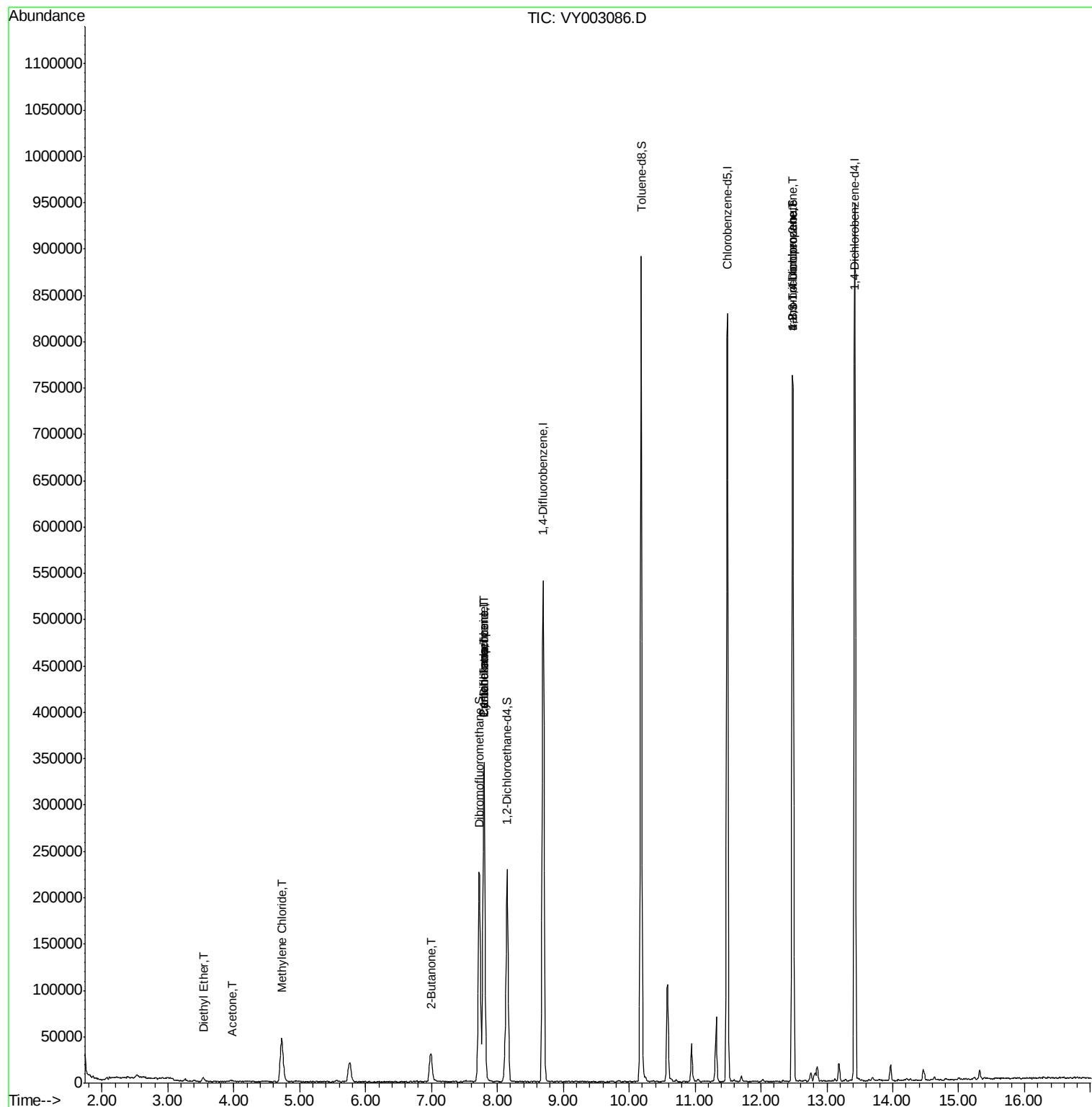
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	283915	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	467635	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	459905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	243133	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	169493	60.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.22%	
35) Dibromofluoromethane	7.72	113	158595	54.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.74%	
50) Toluene-d8	10.18	98	567361	52.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.42%	
62) 4-Bromofluorobenzene	12.48	95	209169	54.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.36%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.54	74	2644	1.779	ug/l	91
16) Acetone	3.96	43	2941	4.422	ug/l #	86
20) Methylene Chloride	4.72	84	35745	5.896	ug/l	90
25) 2-Butanone	6.99	43	1871	1.771	ug/l #	73
31) Cyclohexane	7.79	56	5667	1.143	ug/l #	36
36) 1,1-Dichloropropene	7.80	75	19415	4.310	ug/l #	50
38) Carbon Tetrachloride	7.80	117	25645	5.472	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	107092	44.505	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	107092	86.589	ug/l #	13

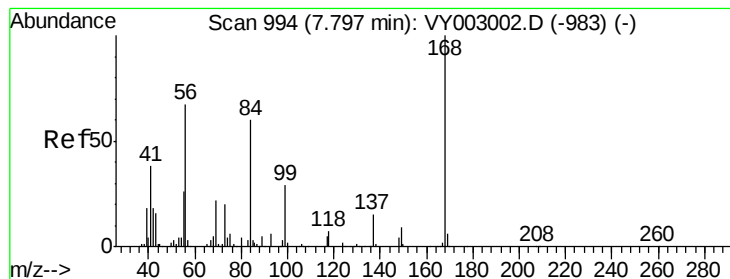
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070220\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003086.D

Acq: 02 Jul 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

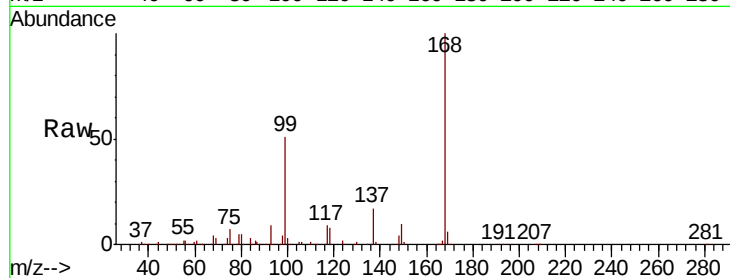
TP2-SS

Tot Ion:168 Resp: 283915

Ion Ratio Lower Upper

168 100

99 51.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003002.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003002.D (-983) (-)

7.80

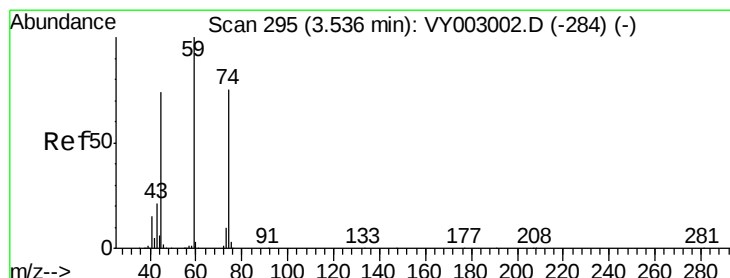
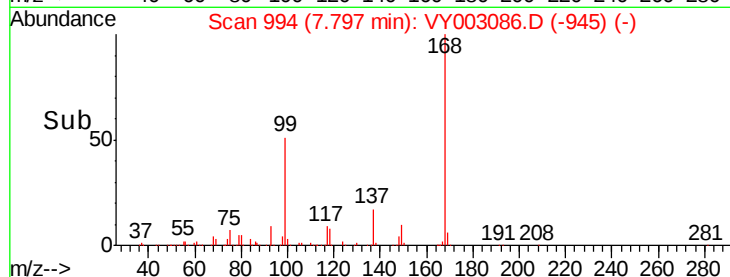
100000

50000

0

7.70 7.80 7.90 8.00

Time-->



#8

Diethyl Ether

Concen: 1.779 ug/l

RT: 3.54 min Scan# 296

Delta R.T. 0.01 min

Lab File: VY003086.D

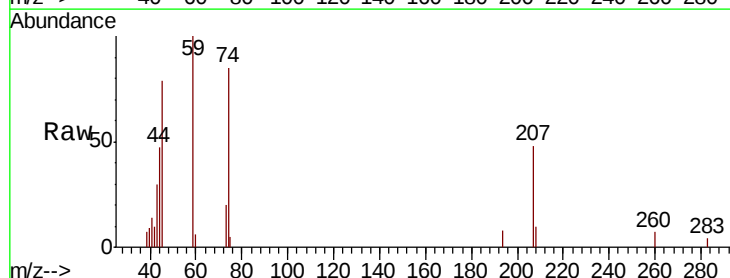
Acq: 02 Jul 2020 15:35

Tgt Ion: 74 Resp: 2644

Ion Ratio Lower Upper

74 100

45 89.6 49.3 147.9



Abundance Ion 74.00 (73.70 to 74.70): VY003002.D (-284) (-)

Ion 45.00 (44.70 to 45.70): VY003002.D (-284) (-)

1200

1000

800

600

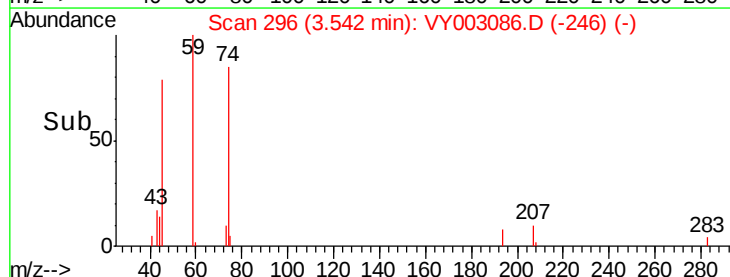
400

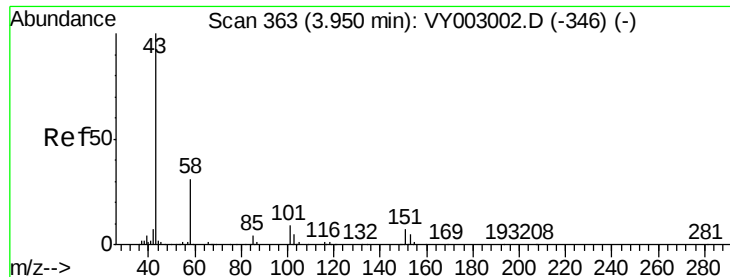
200

0

3.45 3.50 3.55 3.60

Time-->





#16

Acetone

Concen: 4.422 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003086.D

Acq: 02 Jul 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

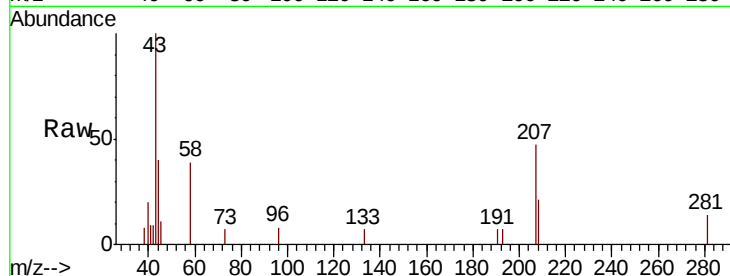
TP2-SS

Tot Ion: 43 Resp: 2941

Ion Ratio Lower Upper

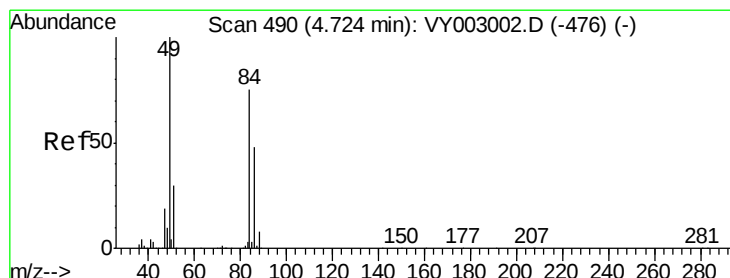
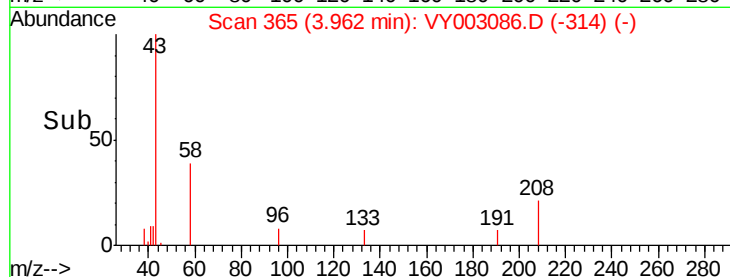
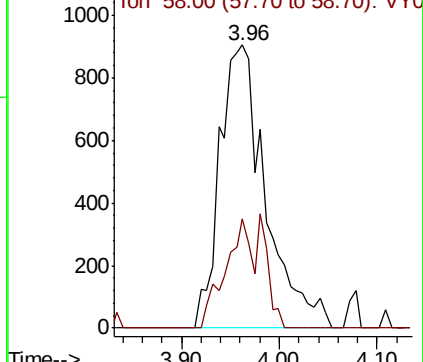
43 100

58 38.8 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VY003002.D (-346) (-)

Ion 58.00 (57.70 to 58.70): VY003002.D (-346) (-)



#20

Methylene Chloride

Concen: 5.896 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003086.D

Acq: 02 Jul 2020 15:35

Tgt Ion: 84 Resp: 35745

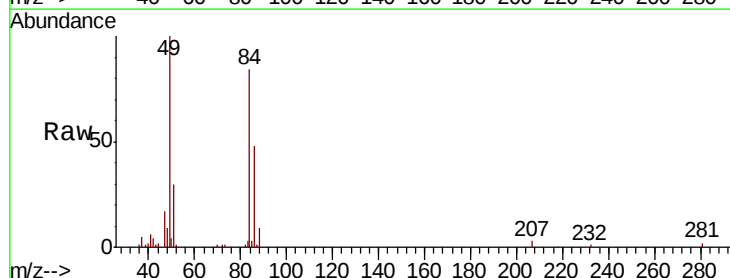
Ion Ratio Lower Upper

84 100

49 119.3 106.8 160.2

51 35.8 32.0 48.0

86 56.9 51.4 77.2

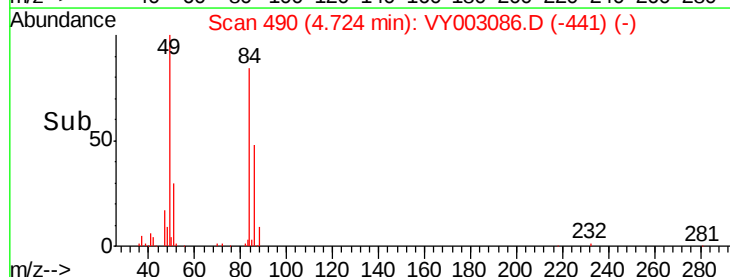
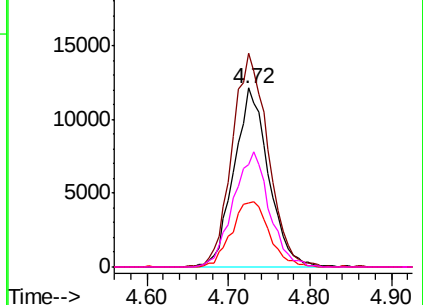


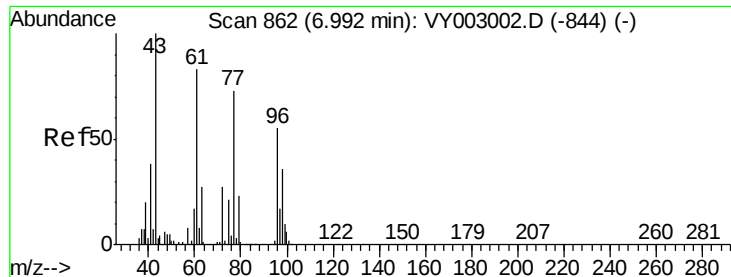
Abundance Ion 83.90 (83.60 to 84.60): VY003002.D (-476) (-)

Ion 48.90 (48.60 to 49.60): VY003002.D (-476) (-)

Ion 50.90 (50.60 to 51.60): VY003002.D (-476) (-)

Ion 85.90 (85.60 to 86.60): VY003002.D (-476) (-)

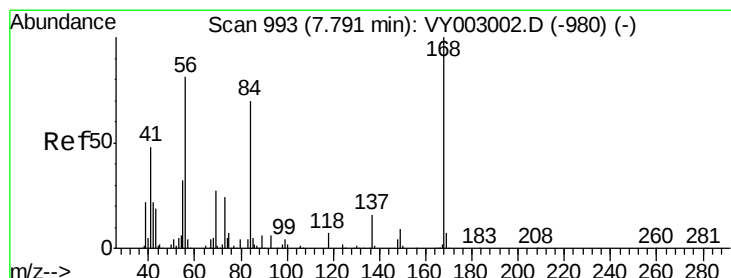
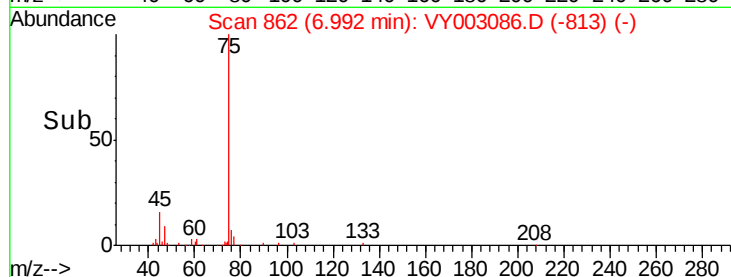
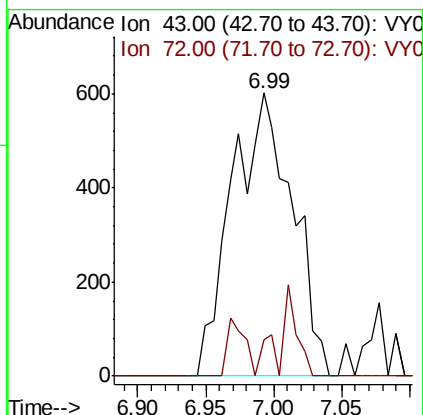
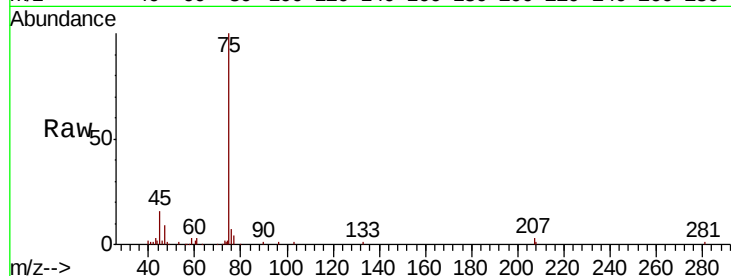




#25
2-Butanone
Concen: 1.771 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003086.D
Acq: 02 Jul 2020 15:35

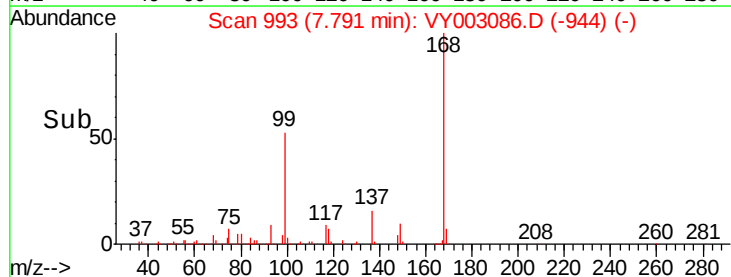
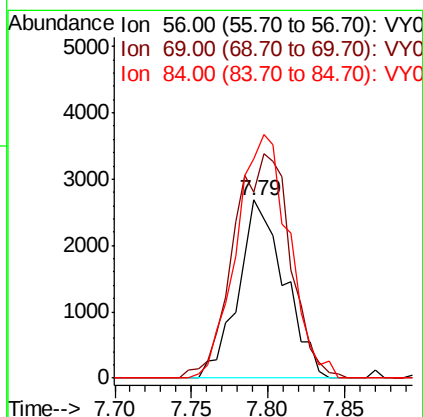
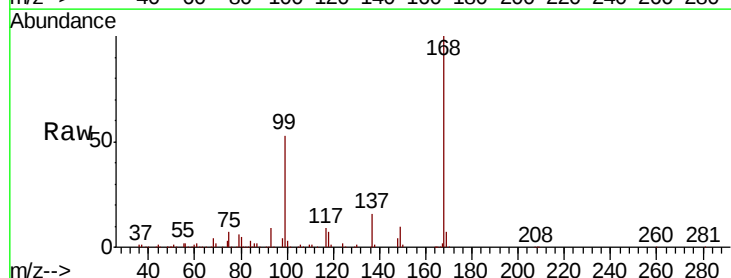
Instrument :
MSVOA_Y
ClientSampleId :
TP2-SS

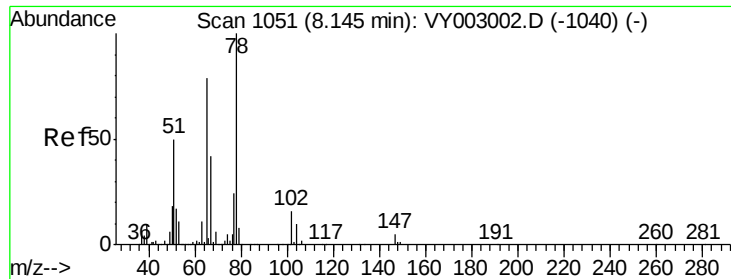
Tot Ion: 43 Resp: 1871
Ion Ratio Lower Upper
43 100
72 12.6 21.4 32.0#



#31
Cyclohexane
Concen: 1.143 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY003086.D
Acq: 02 Jul 2020 15:35

Tgt Ion: 56 Resp: 5667
Ion Ratio Lower Upper
56 100
69 102.3 27.0 40.4#
84 123.1 68.1 102.1#

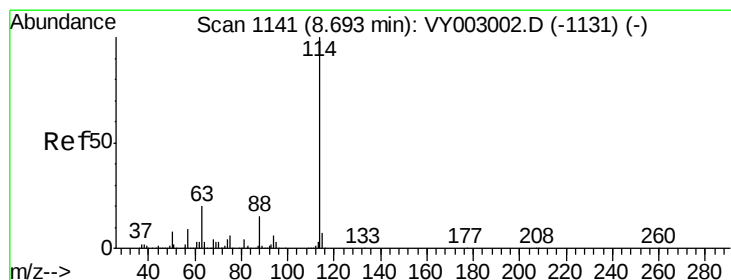
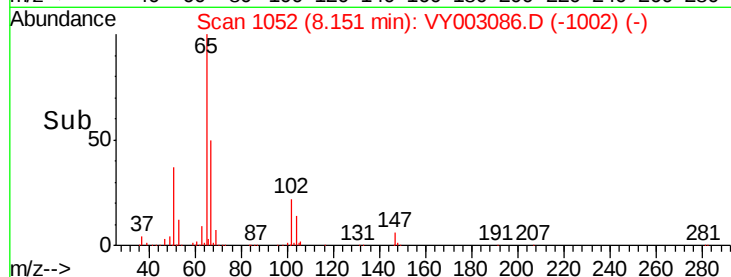
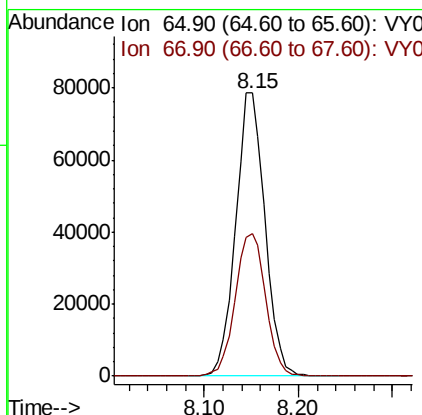
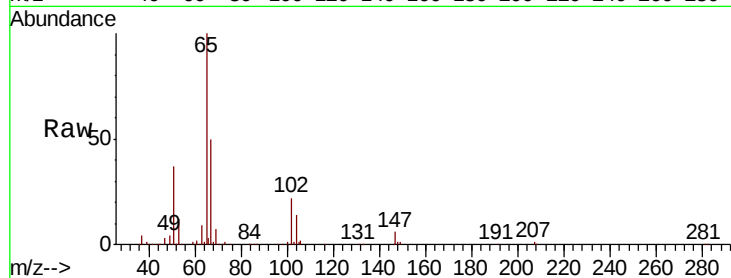




#33
 1,2-Dichloroethane-d4
 Concen: 60.107 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003086.D
 Acq: 02 Jul 2020 15:35

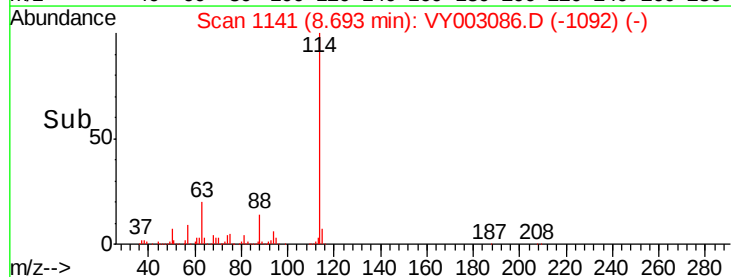
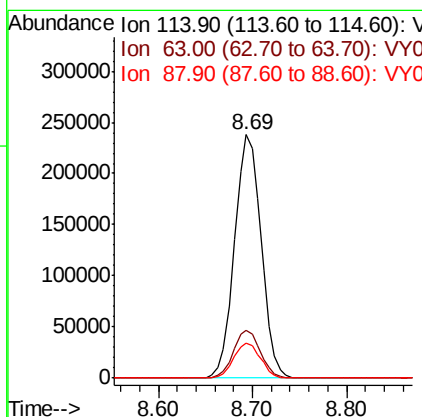
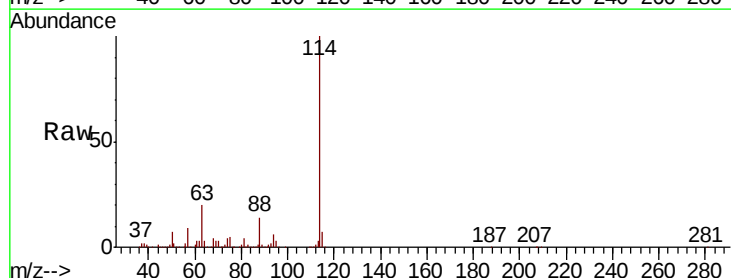
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP2-SS

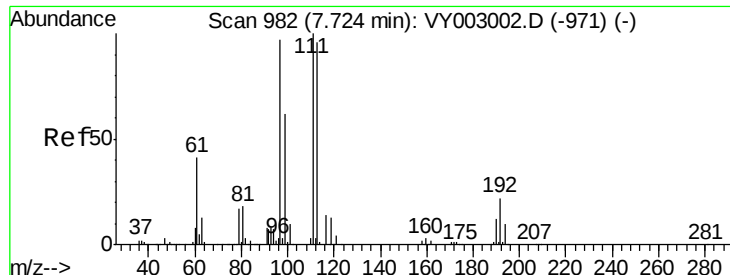
Tot Ion: 65 Resp: 169493
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003086.D
 Acq: 02 Jul 2020 15:35

Tgt Ion: 114 Resp: 467635
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.6
 88 14.5 0.0 30.0

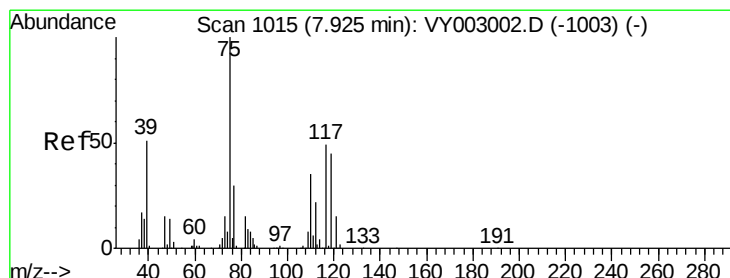
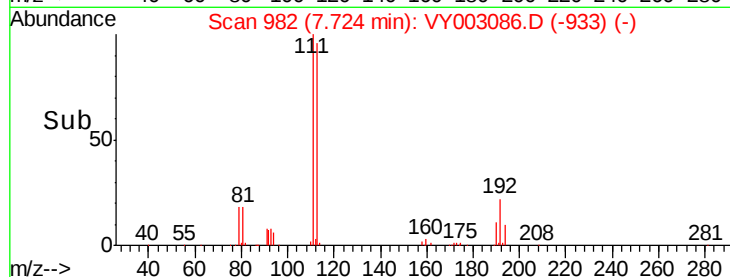
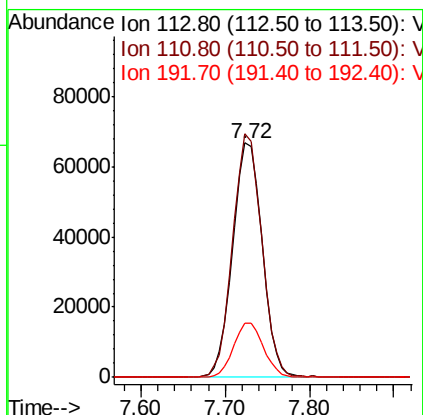
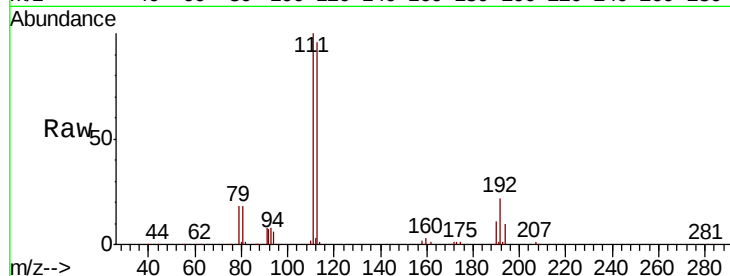




#35
 Dibromofluoromethane
 Concen: 54.366 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003086.D
 Acq: 02 Jul 2020 15:35

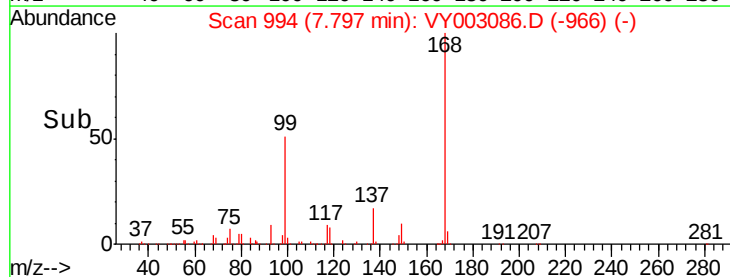
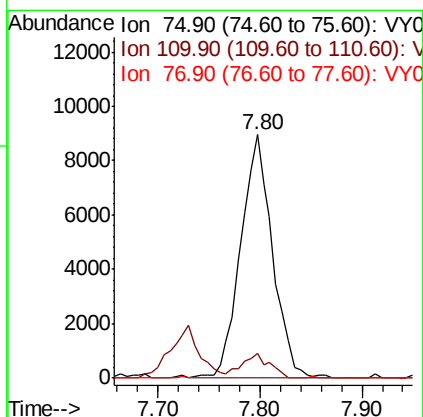
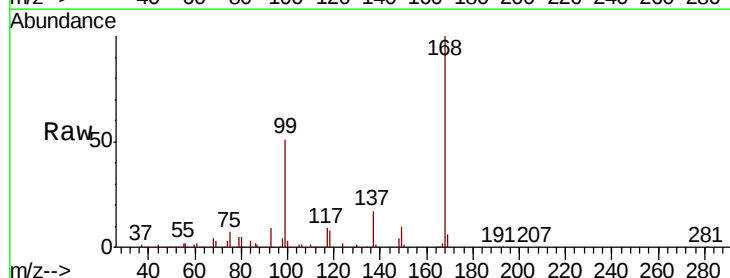
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP2-SS

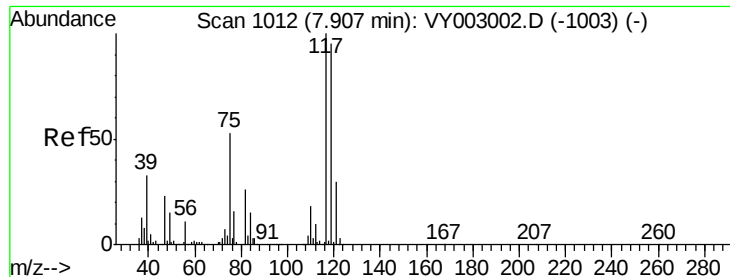
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	123.8
192	23.6	18.1	27.1



#36
 1,1-Dichloropropene
 Concen: 4.310 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY003086.D
 Acq: 02 Jul 2020 15:35

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.1	51.2#
77	0.0	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 5.472 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003086.D

Acq: 02 Jul 2020 15:35

Instrument :

MSVOA_Y

ClientSampled :

TP2-SS

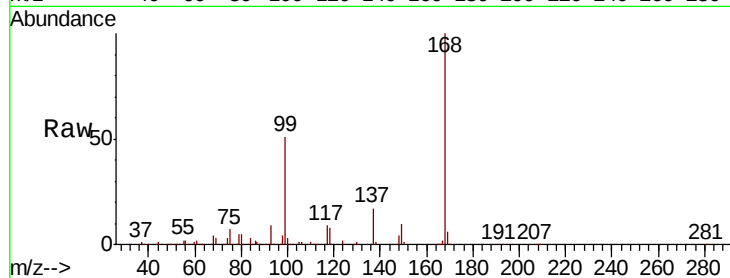
Tot Ion:117 Resp: 25645

Ion Ratio Lower Upper

117 100

119 5.6 75.7 113.5#

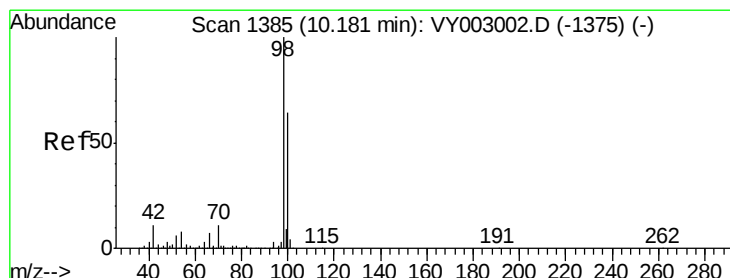
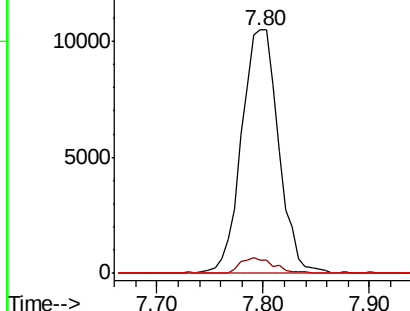
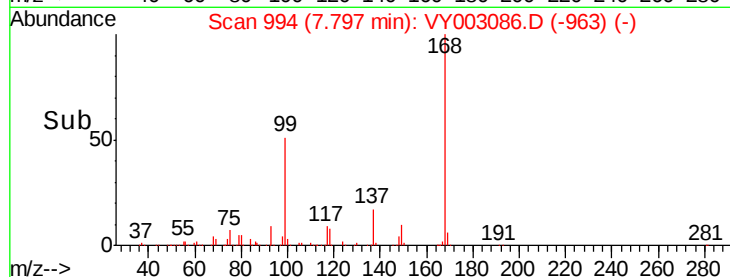
121 0.0 23.9 35.9#



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: 52.206 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003086.D

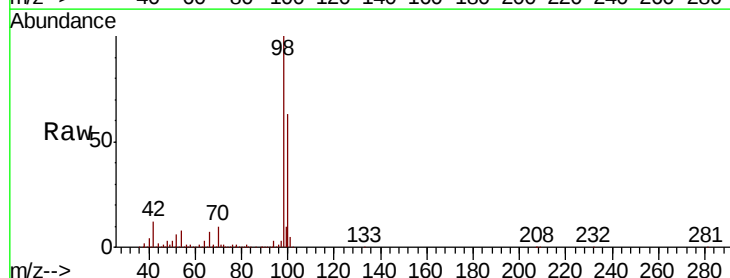
Acq: 02 Jul 2020 15:35

Tgt Ion: 98 Resp: 567361

Ion Ratio Lower Upper

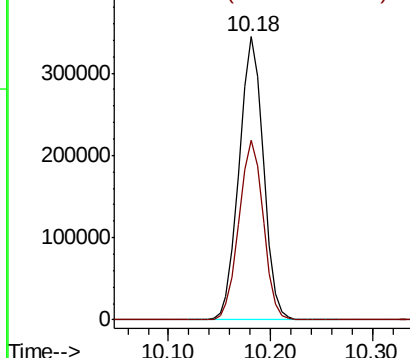
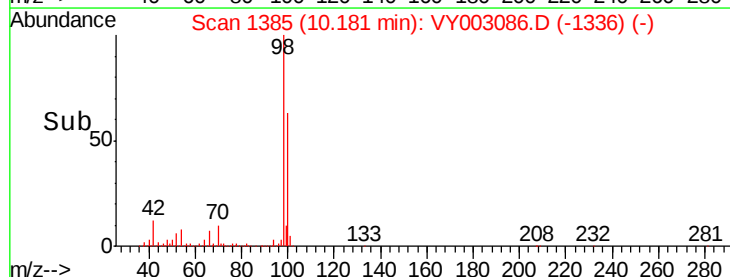
98 100

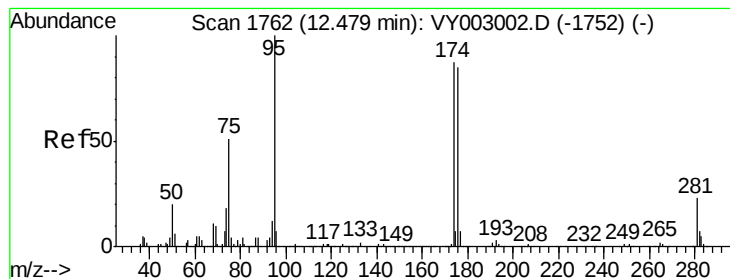
100 63.6 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 54.678 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003086.D

Acq: 02 Jul 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

TP2-SS

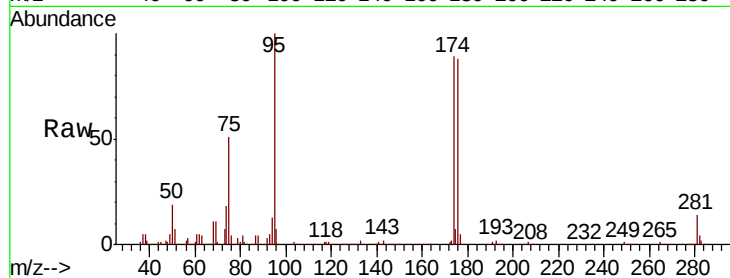
Tot Ion: 95 Resp: 209169

Ion Ratio Lower Upper

95 100

174 93.5 0.0 184.8

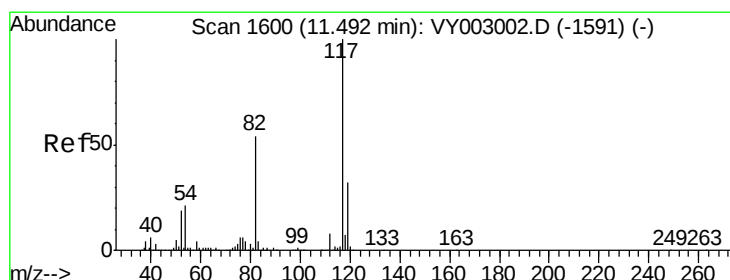
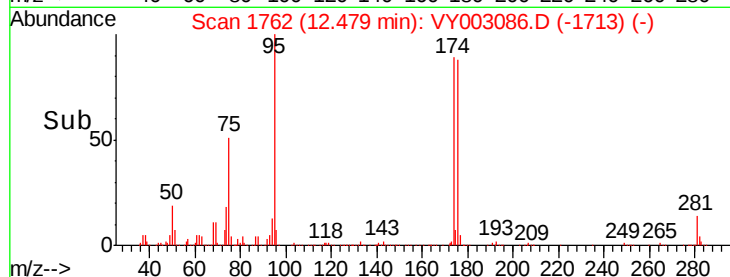
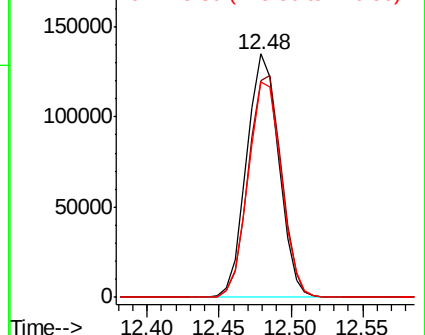
176 90.6 0.0 183.0



Abundance Ion 94.90 (94.60 to 95.60): VY003086.D (-1752) (-)

Ion 173.80 (173.50 to 174.50): VY003086.D (-1752) (-)

Ion 175.80 (175.50 to 176.50): VY003086.D (-1752) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY003086.D

Acq: 02 Jul 2020 15:35

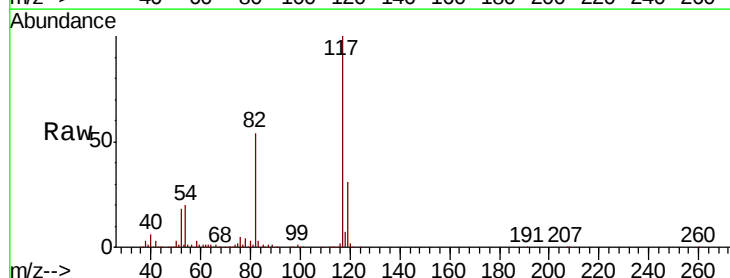
Tgt Ion: 117 Resp: 459905

Ion Ratio Lower Upper

117 100

82 53.7 43.0 64.6

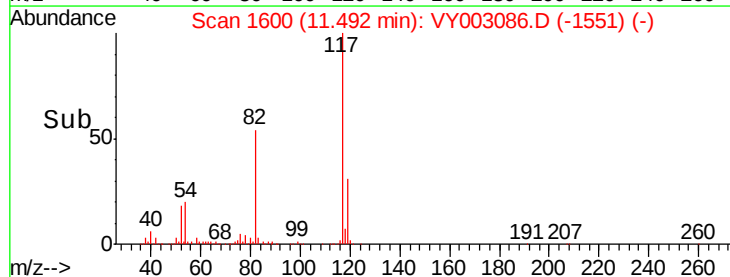
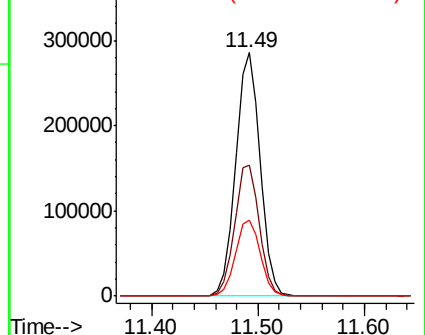
119 31.0 25.8 38.8

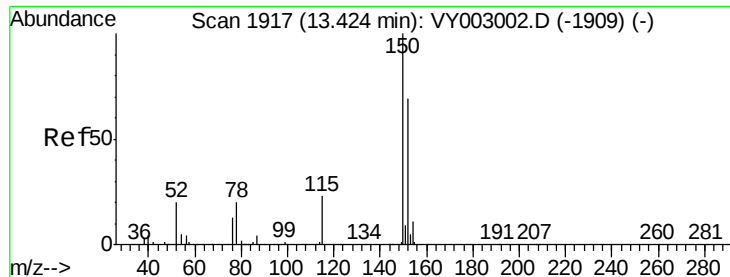


Abundance Ion 116.90 (116.60 to 117.60): VY003086.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY003086.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY003086.D (-1591) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003086.D

Acq: 02 Jul 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

TP2-SS

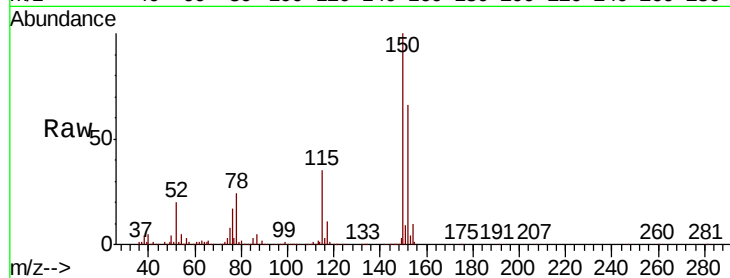
Tot Ion:152 Resp: 243133

Ion Ratio Lower Upper

152 100

115 54.1 27.3 81.9

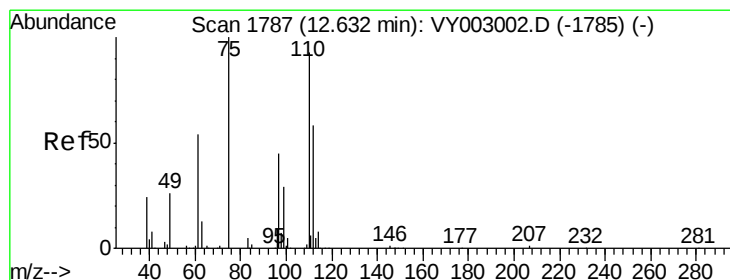
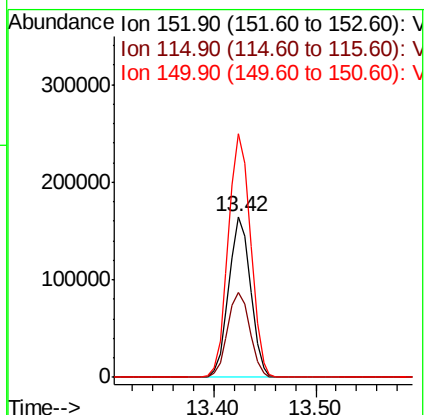
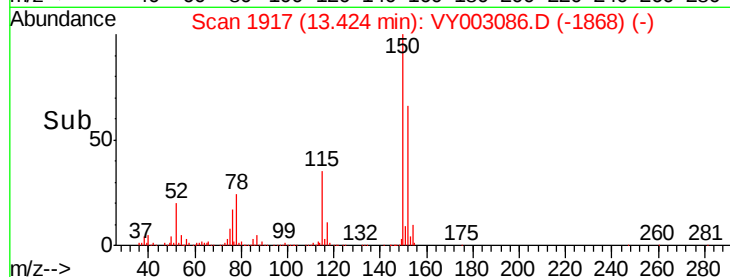
150 155.1 0.0 343.4



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: 44.505 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003086.D

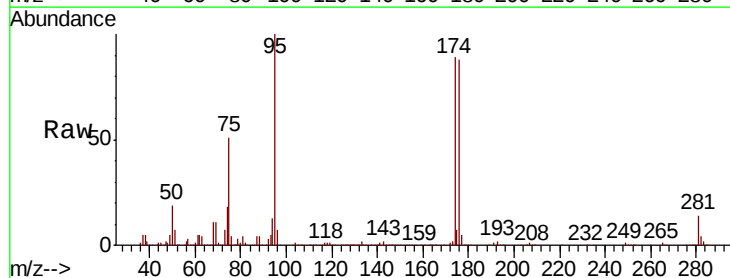
Acq: 02 Jul 2020 15:35

Tgt Ion: 75 Resp: 107092

Ion Ratio Lower Upper

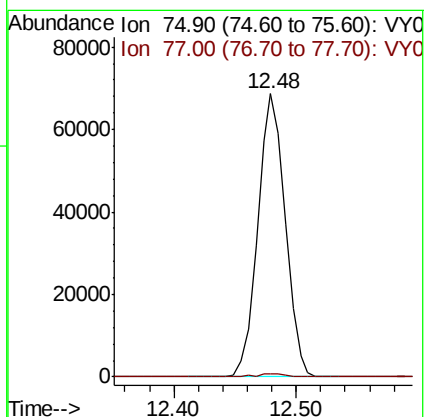
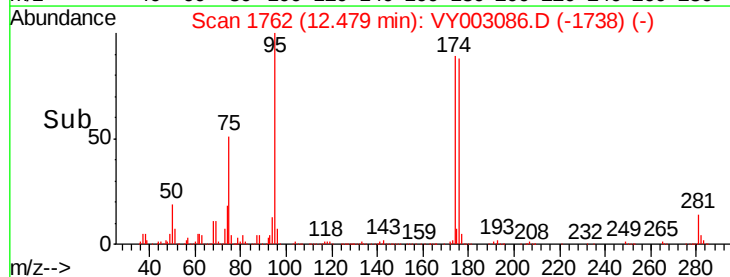
75 100

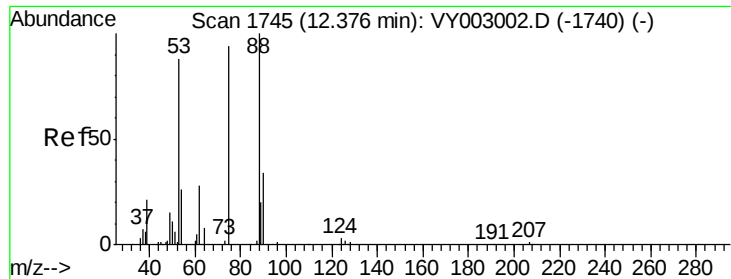
77 1.3 0.0 0.0#



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: 86.589 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003086.D

Acq: 02 Jul 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

TP2-SS

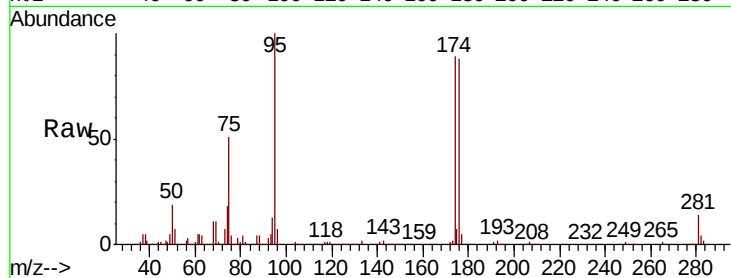
Tot Ion: 75 Resp: 107092

Ion Ratio Lower Upper

75 100

53 0.1 73.9 110.9#

89 0.4 37.5 56.3#



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

