

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050520\
 Data File : VY002595.D
 Acq On : 05 May 2020 18:27
 Operator : SY/MD
 Sample : L2483-14
 Misc : 5.70G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 6FT-TP-7

Quant Time: May 06 03:22:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

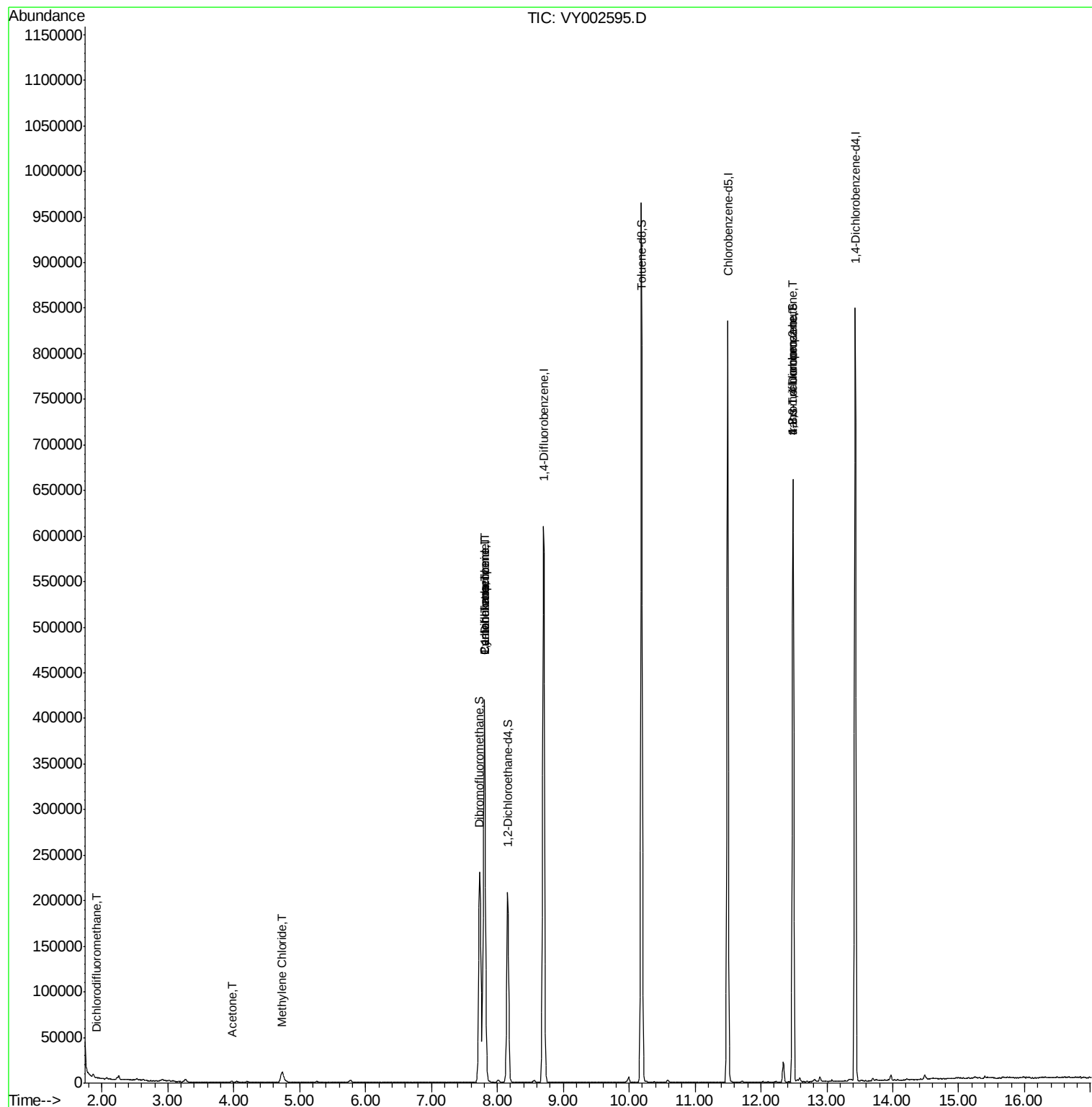
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	348705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	551765	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	486812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	223836	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	159009	54.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.46%	
35) Dibromofluoromethane	7.73	113	167008	52.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.84%	
50) Toluene-d8	10.19	98	638442	51.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.62%	
62) 4-Bromofluorobenzene	12.49	95	203862	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.91	85	48	1.801	ug/l #	43
16) Acetone	3.97	43	1948	3.219	ug/l #	87
20) Methylene Chloride	4.74	84	9471	2.799	ug/l #	88
31) Cyclohexane	7.80	56	5691	1.080	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	22465	4.857	ug/l #	49
38) Carbon Tetrachloride	7.80	117	31243	6.187	ug/l #	15
76) 1,2,3-Trichloropropane	12.49	75	98075	49.305	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	98075	98.866	ug/l #	15

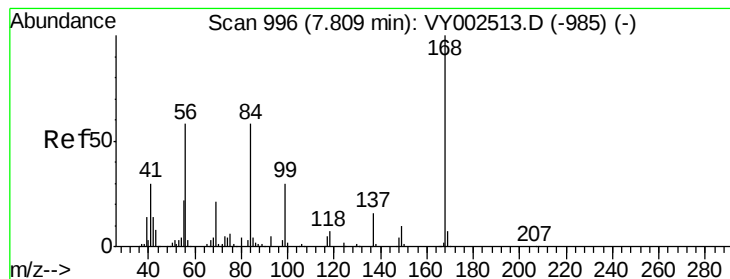
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002595.D

Acq: 05 May 2020 18:27

Instrument :

MSVOA_Y

ClientSampleId :

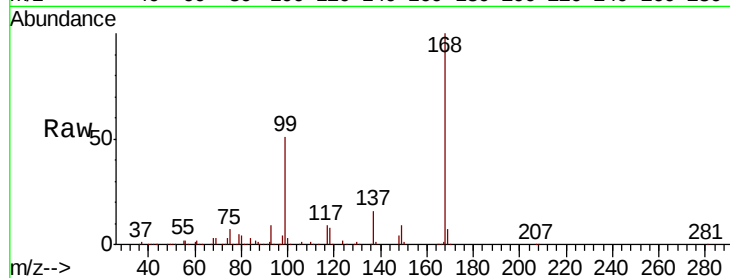
6FT-TP-7

Tot Ion:168 Resp: 348705

Ion Ratio Lower Upper

168 100

99 50.6 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.80

150000

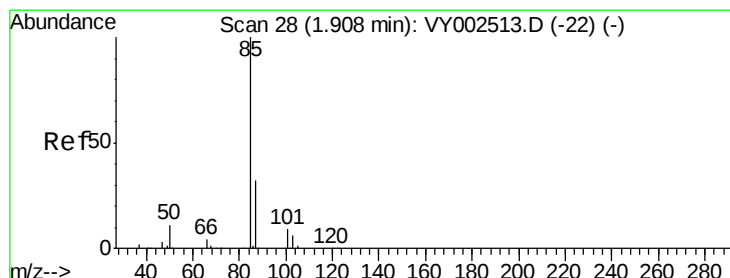
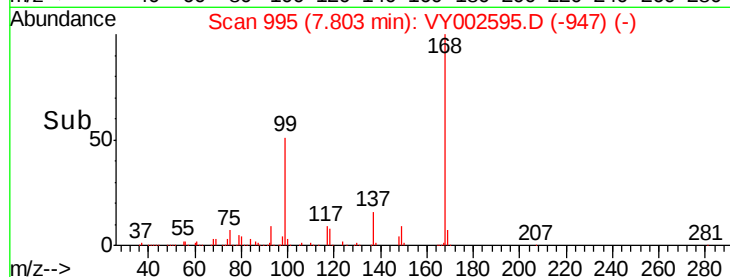
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 1.801 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002595.D

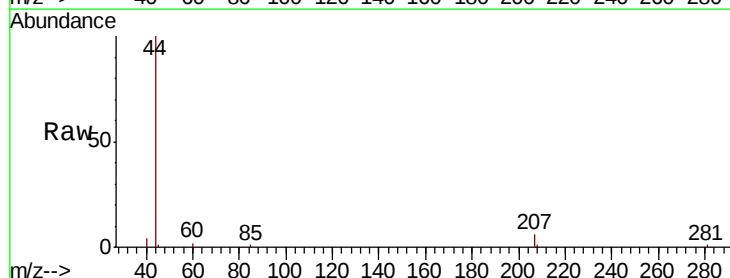
Acq: 05 May 2020 18:27

Tgt Ion: 85 Resp: 48

Ion Ratio Lower Upper

85 100

87 0.0 15.8 47.4#



Abundance Ion 84.90 (84.60 to 85.60): VY002513.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002513.D (-22) (-)

1.91

80

60

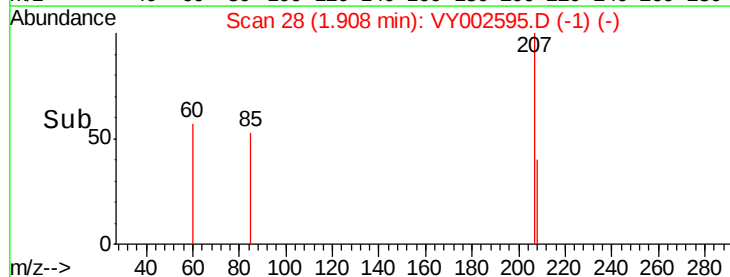
40

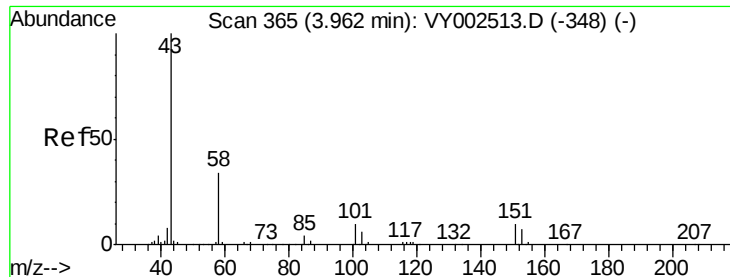
20

0

1.88 1.90 1.92

Time-->





#16

Acetone

Concen: 3.219 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002595.D

Acq: 05 May 2020 18:27

Instrument :

MSVOA_Y

ClientSampleId :

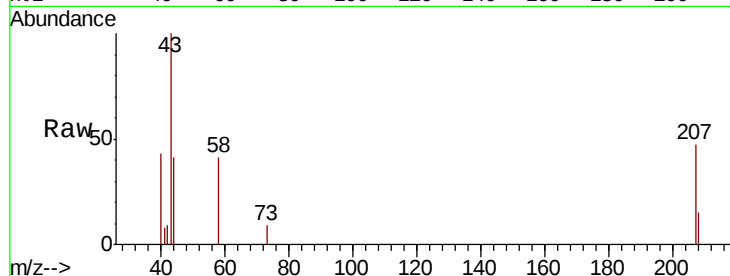
6FT-TP-7

Tot Ion: 43 Resp: 1948

Ion Ratio Lower Upper

43 100

58 41.2 26.9 40.3#



Abundance Ion 43.00 (42.70 to 43.70): VY002513.D (-348) (-)

Ion 58.00 (57.70 to 58.70): VY002513.D (-348) (-)

3.97

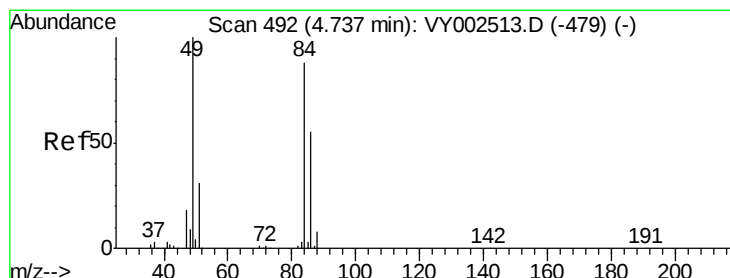
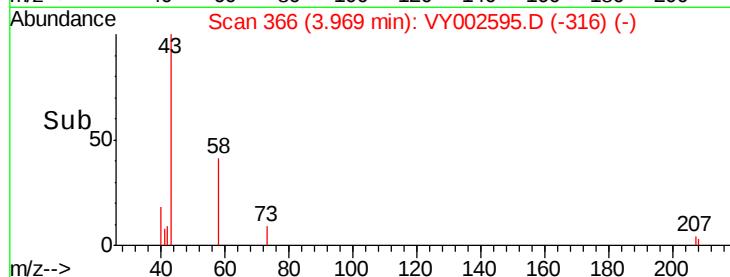
600

400

200

0

Time--> 3.85 3.90 3.95 4.00 4.05



#20

Methylene Chloride

Concen: 2.799 ug/l

RT: 4.74 min Scan# 493

Delta R.T. 0.01 min

Lab File: VY002595.D

Acq: 05 May 2020 18:27

Tgt Ion: 84 Resp: 9471

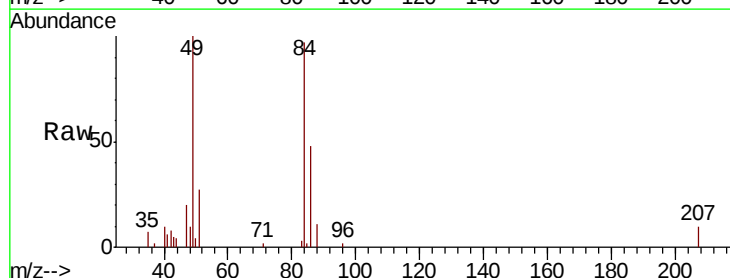
Ion Ratio Lower Upper

84 100

49 103.5 90.5 135.7

51 28.0 28.3 42.5#

86 49.9 49.9 74.9



Abundance Ion 83.90 (83.60 to 84.60): VY002513.D (-479) (-)

Ion 48.90 (48.60 to 49.60): VY002513.D (-479) (-)

Ion 50.90 (50.60 to 51.60): VY002513.D (-479) (-)

Ion 85.90 (85.60 to 86.60): VY002513.D (-479) (-)

4.74

6000

5000

4000

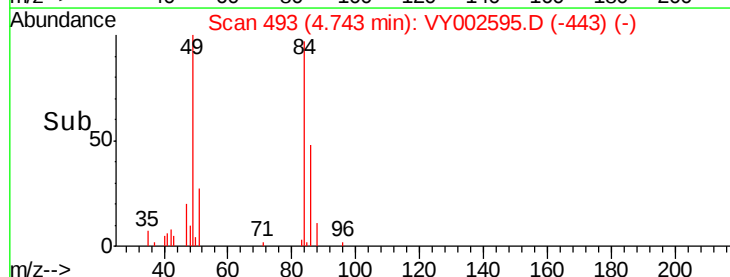
3000

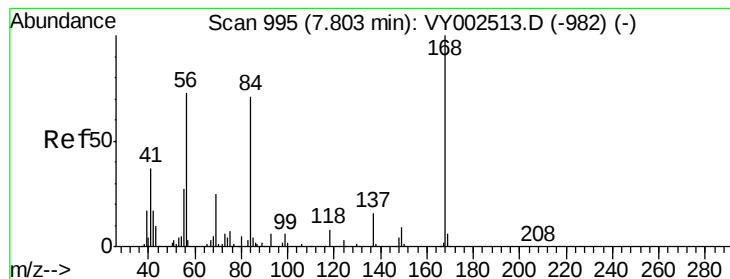
2000

1000

0

Time--> 4.60 4.70 4.80





#31

Cyclohexane

Concen: 1.080 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY002595.D

Acq: 05 May 2020 18:27

Instrument :

MSVOA_Y

ClientSampleId :

6FT-TP-7

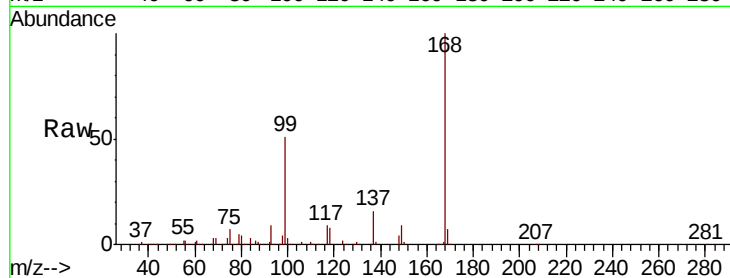
Tot Ion: 56 Resp: 5691

Ion Ratio Lower Upper

56 100

69 183.9 27.6 41.4#

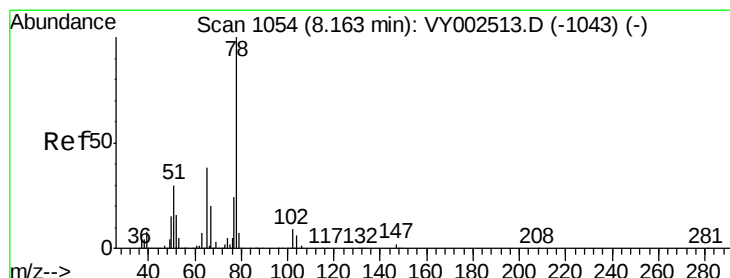
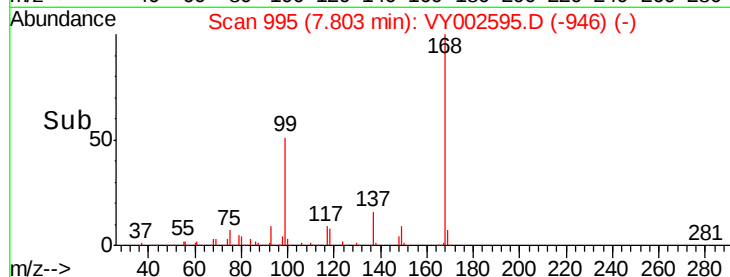
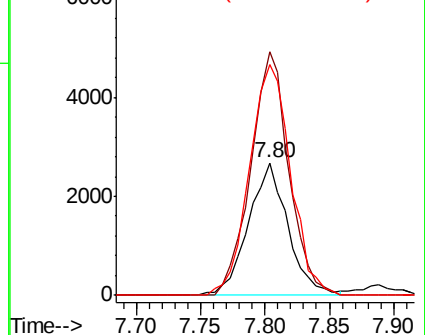
84 174.2 77.7 116.5#



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 54.233 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002595.D

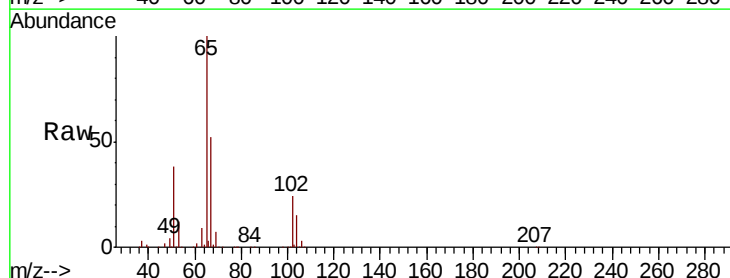
Acq: 05 May 2020 18:27

Tgt Ion: 65 Resp: 159009

Ion Ratio Lower Upper

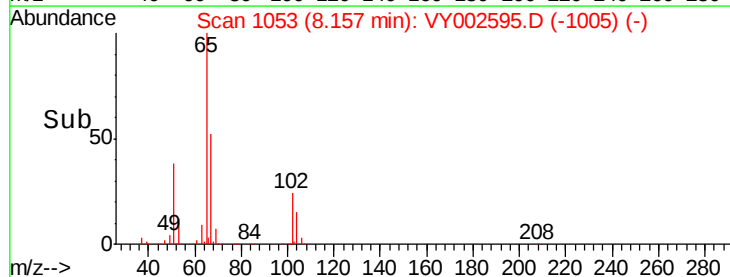
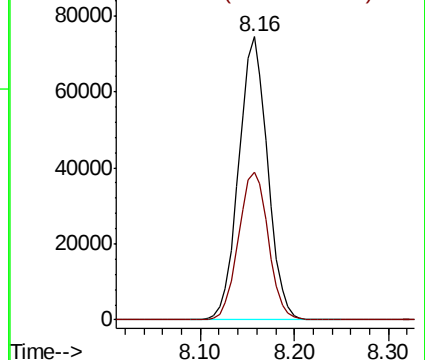
65 100

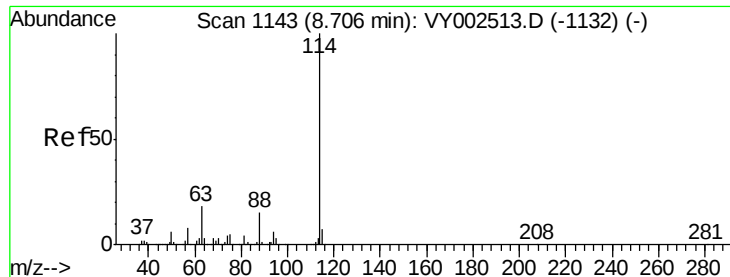
67 54.0 0.0 107.2



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. -0.01 min

Lab File: VY002595.D

Acq: 05 May 2020 18:27

Instrument :

MSVOA_Y

ClientSampleId :

6FT-TP-7

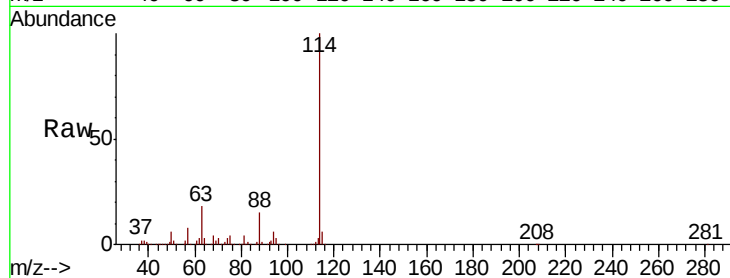
Tot Ion:114 Resp: 551765

Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.4

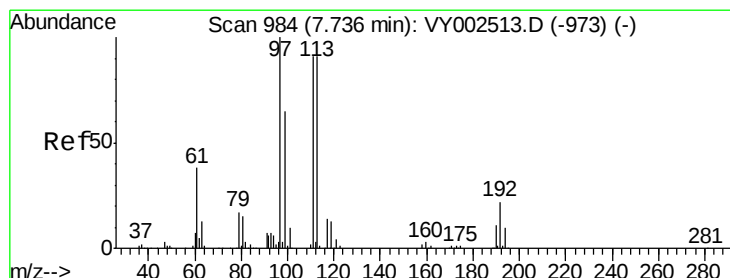
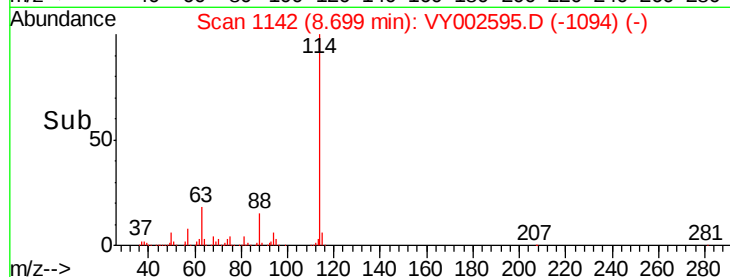
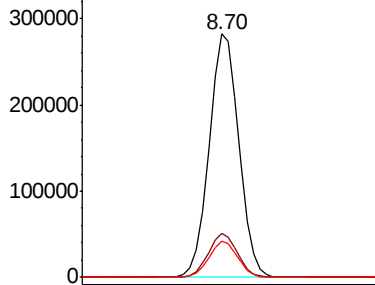
88 15.0 0.0 29.6



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: 52.925 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002595.D

Acq: 05 May 2020 18:27

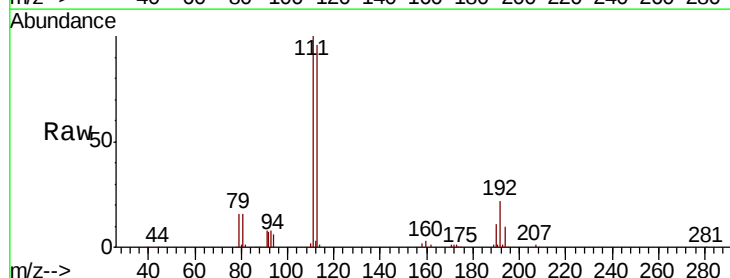
Tgt Ion:113 Resp: 167008

Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.6

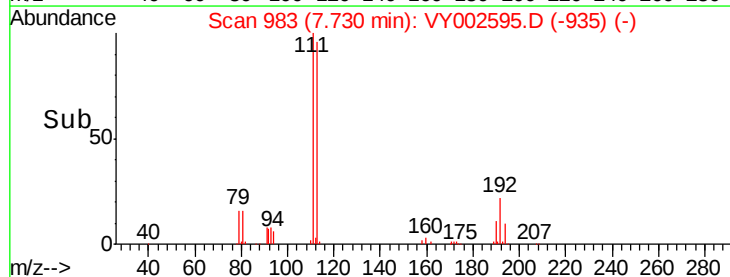
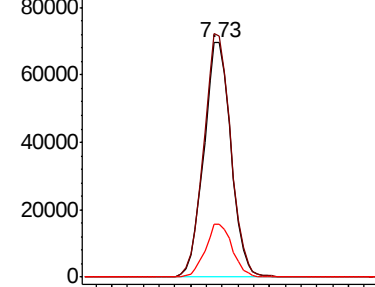
192 22.3 18.2 27.4

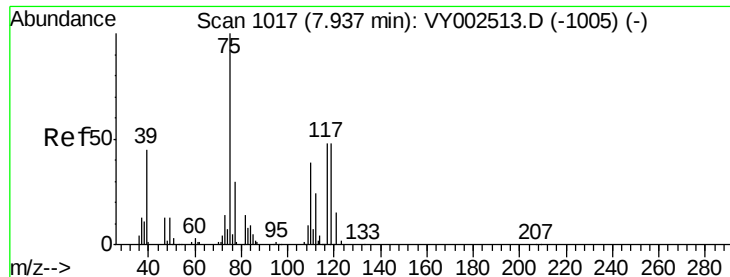


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.857 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.13 min

Lab File: VY002595.D

Acq: 05 May 2020 18:27

Instrument :

MSVOA_Y

ClientSampled :

6FT-TP-7

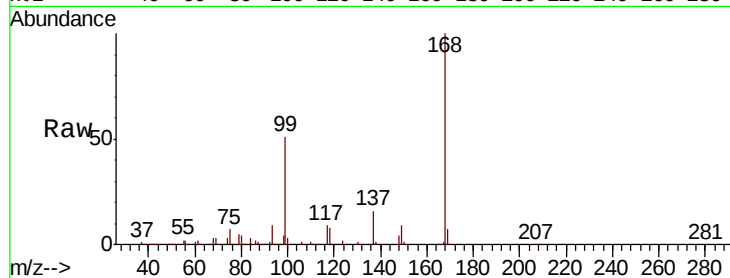
Tot Ion: 75 Resp: 22465

Ion Ratio Lower Upper

75 100

110 10.0 19.1 57.3#

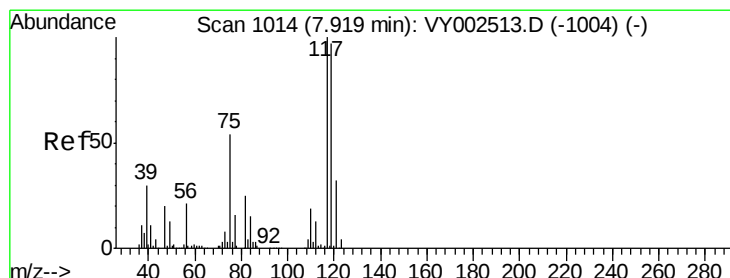
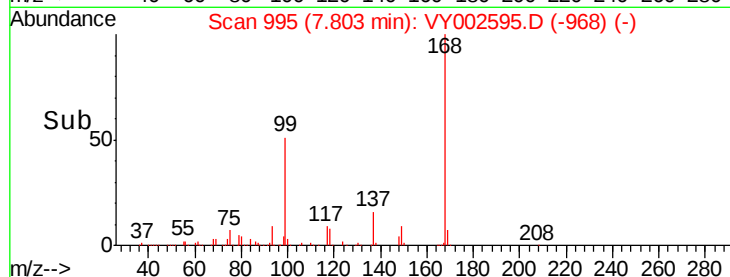
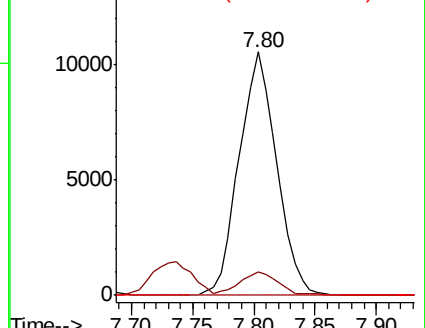
77 0.0 24.6 37.0#



Abundance Ion 74.90 (74.60 to 75.60): VY002513.D (-1005) (-)

Ion 109.90 (109.60 to 110.60): VY002513.D (-1005) (-)

Ion 76.90 (76.60 to 77.60): VY002513.D (-1005) (-)



#38

Carbon Tetrachloride

Concen: 6.187 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.12 min

Lab File: VY002595.D

Acq: 05 May 2020 18:27

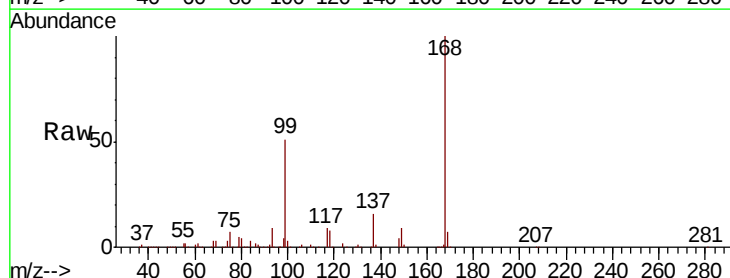
Tgt Ion: 117 Resp: 31243

Ion Ratio Lower Upper

117 100

119 4.2 77.1 115.7#

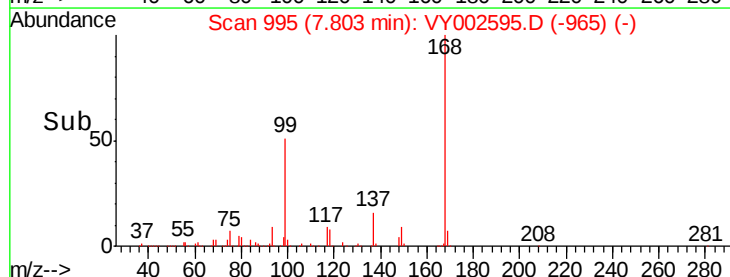
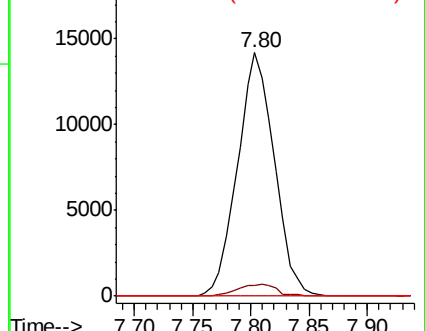
121 0.0 25.2 37.8#

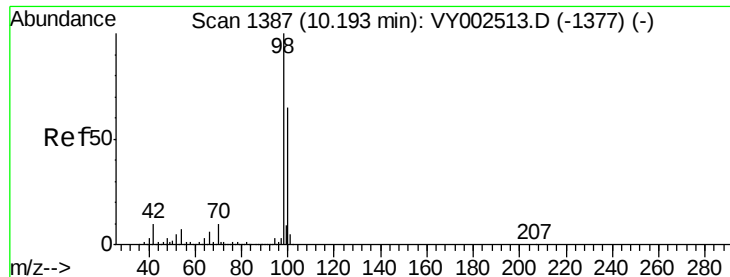


Abundance Ion 116.80 (116.50 to 117.50): VY002513.D (-1004) (-)

Ion 118.80 (118.50 to 119.50): VY002513.D (-1004) (-)

Ion 120.80 (120.50 to 121.50): VY002513.D (-1004) (-)





#50

Toluene-d8

Concen: 51.809 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY002595.D

Acq: 05 May 2020 18:27

Instrument :

MSVOA_Y

ClientSampleId :

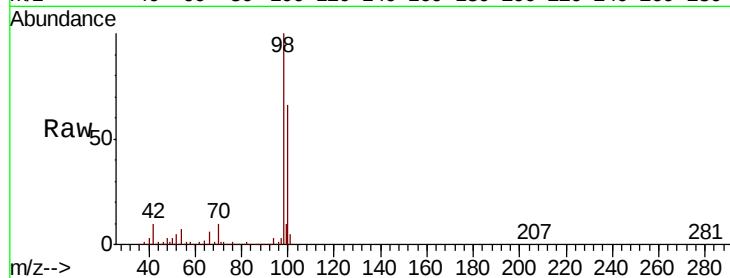
6FT-TP-7

Tot Ion: 98 Resp: 638442

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.19

400000

300000

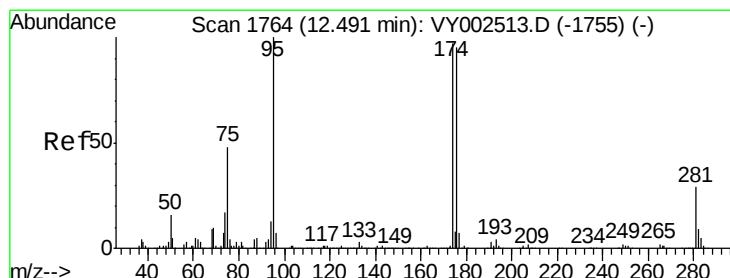
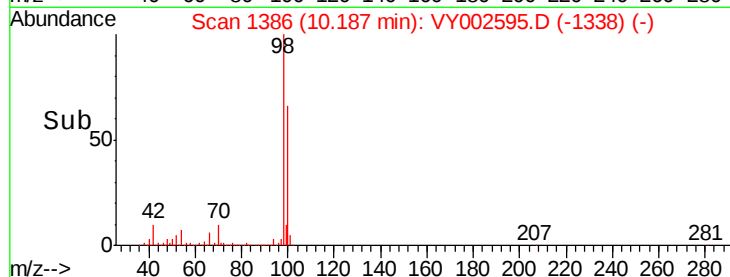
200000

100000

0

Time-->

10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 48.754 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002595.D

Acq: 05 May 2020 18:27

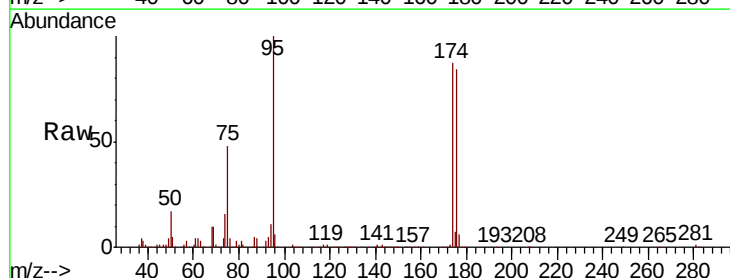
Tgt Ion: 95 Resp: 203862

Ion Ratio Lower Upper

95 100

174 91.6 0.0 188.8

176 89.1 0.0 183.2



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.49

150000

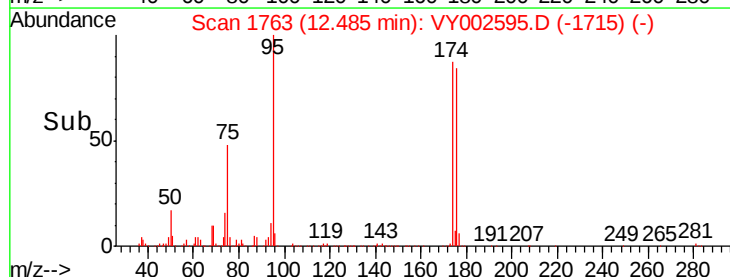
100000

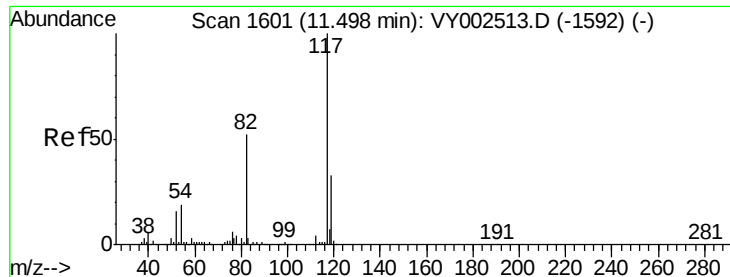
50000

0

Time-->

12.40 12.50





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. 0.00 min

Lab File: VY002595.D

Acq: 05 May 2020 18:27

Instrument :

MSVOA_Y

ClientSampleId :

6FT-TP-7

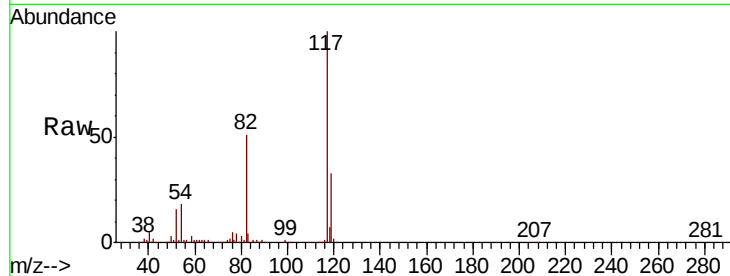
Tot Ion:117 Resp: 486812

Ion Ratio Lower Upper

117 100

82 51.4 41.3 61.9

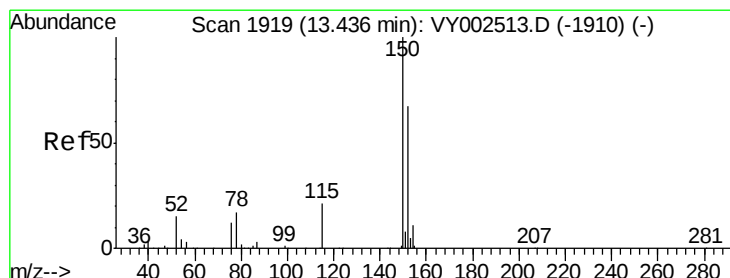
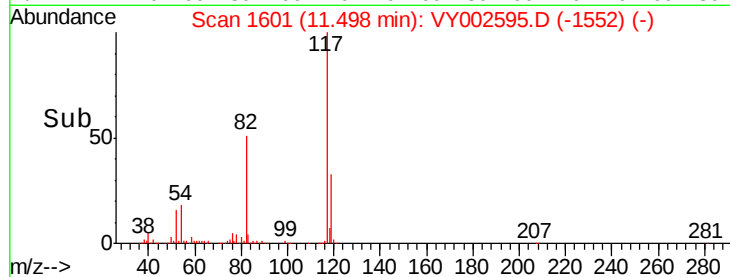
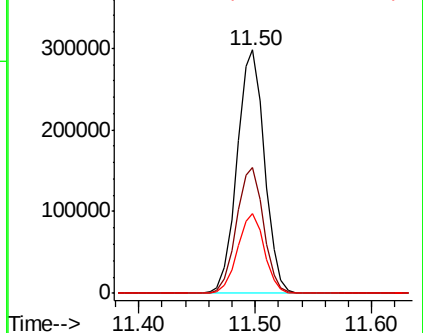
119 32.6 26.0 39.0



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: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY002595.D

Acq: 05 May 2020 18:27

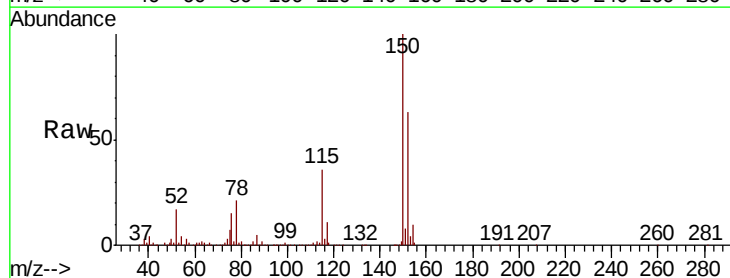
Tgt Ion:152 Resp: 223836

Ion Ratio Lower Upper

152 100

115 55.0 27.5 82.4

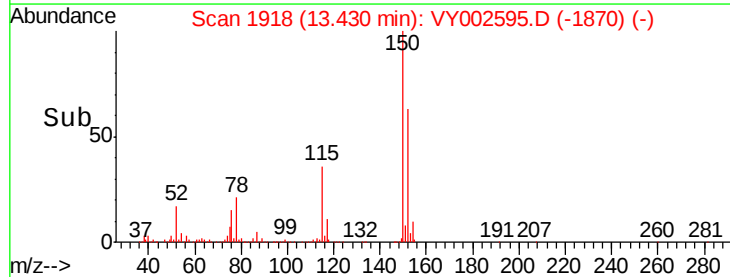
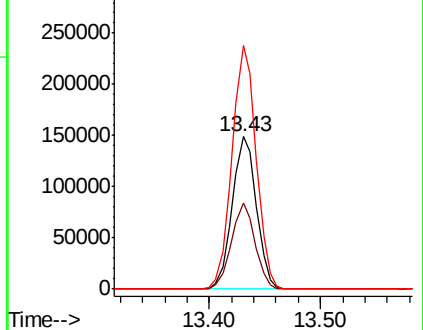
150 159.2 0.0 346.4

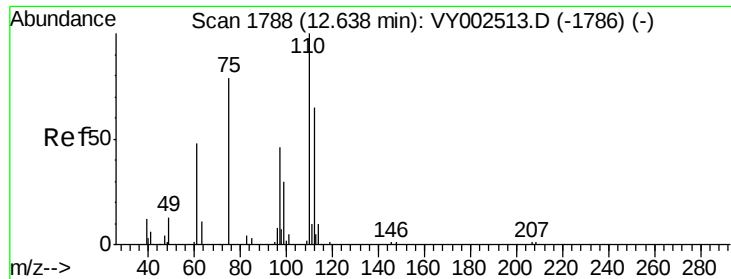


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

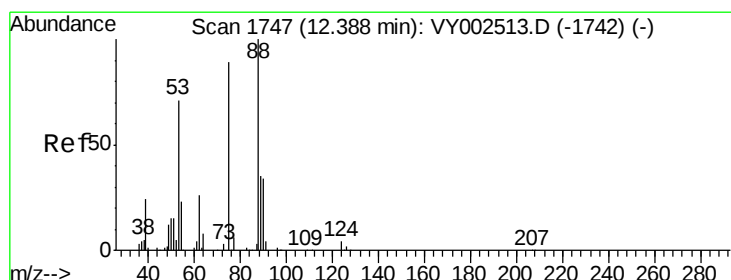
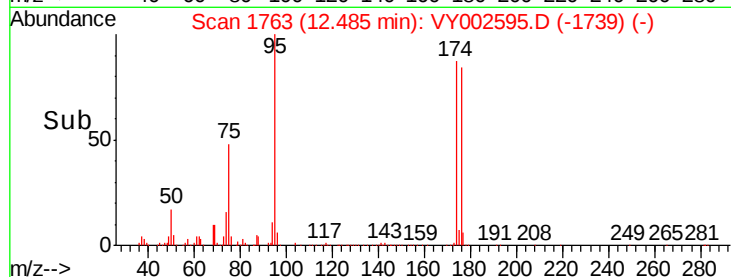
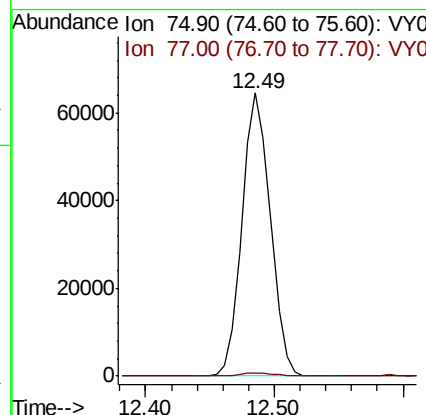
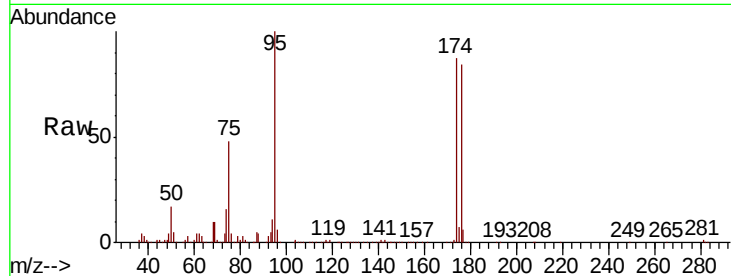




#76
 1,2,3-Trichloropropane
 Concen: 49.305 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.15 min
 Lab File: VY002595.D
 Acq: 05 May 2020 18:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 6FT-TP-7

Tot Ion: 75 Resp: 98075
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.866 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.10 min
 Lab File: VY002595.D
 Acq: 05 May 2020 18:27

Tgt Ion: 75 Resp: 98075
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.0#
 89 0.0 37.4 56.0#

