

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002540.D
 Acq On : 04 May 2020 14:56
 Operator : SY/MD
 Sample : L2445-02RE
 Misc : 7.86G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 05 07:06:27 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

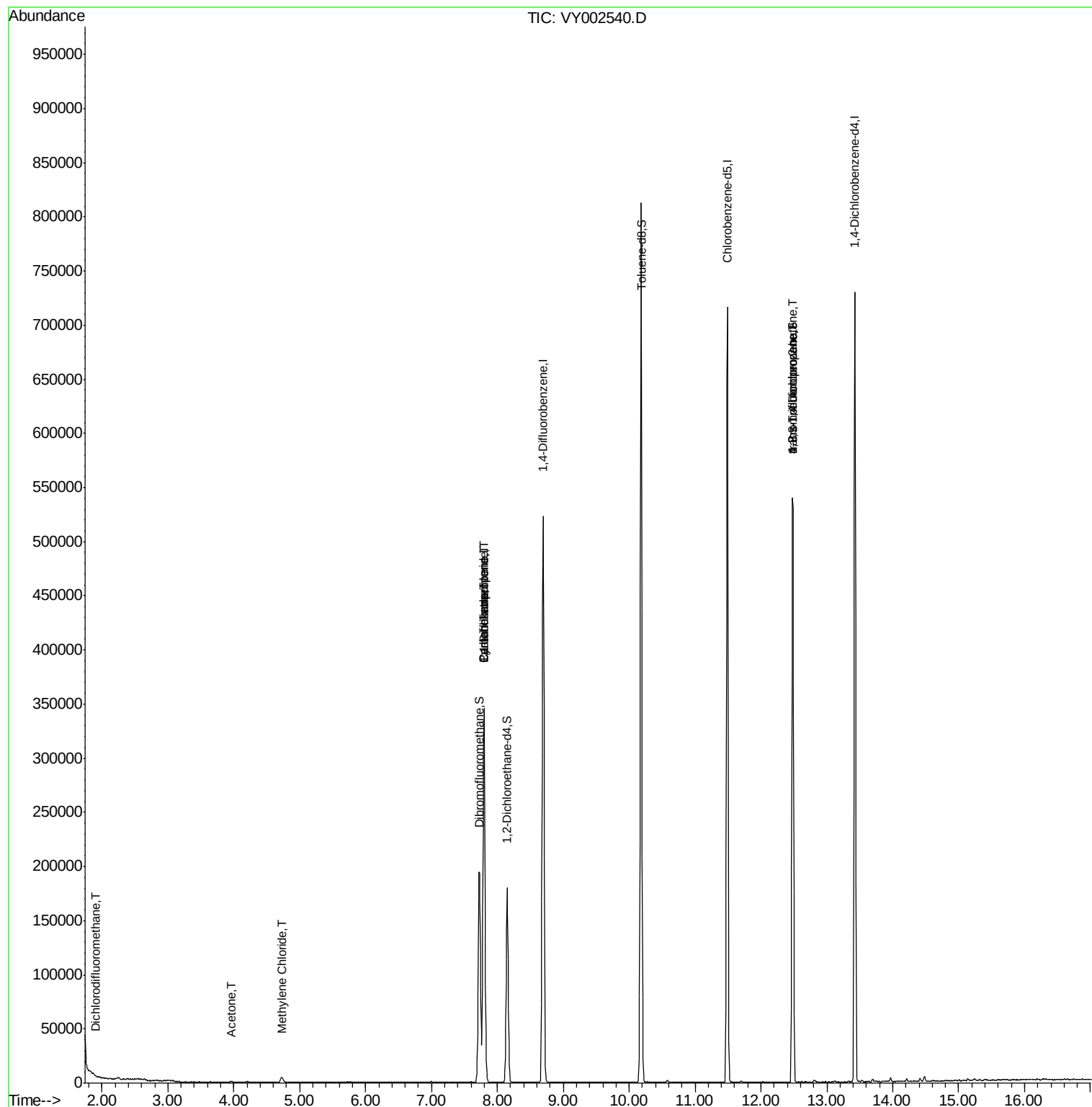
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	282593	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	459356	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	408923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	195525	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	138914	58.46	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	116.92%	
35) Dibromofluoromethane	7.73	113	142045	54.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.14%	
50) Toluene-d8	10.18	98	538312	52.47	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	104.94%	
62) 4-Bromofluorobenzene	12.48	95	166746	47.90	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	95.80%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.90	85	83	1.819	ug/l #	43
16) Acetone	3.96	43	751	1.531	ug/l #	73
20) Methylene Chloride	4.72	84	3816	1.392	ug/l #	78
31) Cyclohexane	7.80	56	4375	1.024	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	17348	4.505	ug/l #	50
38) Carbon Tetrachloride	7.80	117	25867	6.153	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	83238	47.905	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	83238	96.059	ug/l #	15

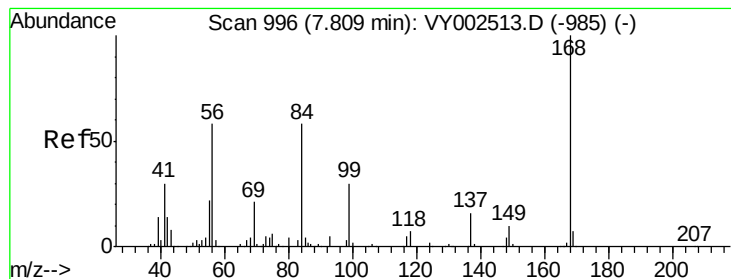
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 994

Delta R.T. -0.01 min

Lab File: VY002540.D

Acq: 04 May 2020 14:56

Instrument :

MSVOA_Y

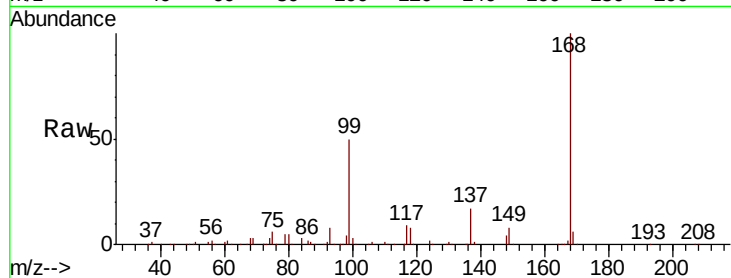
ClientSampled :

Tot Ion:168 Resp: 282593

Ion Ratio Lower Upper

168 100

99 49.9 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

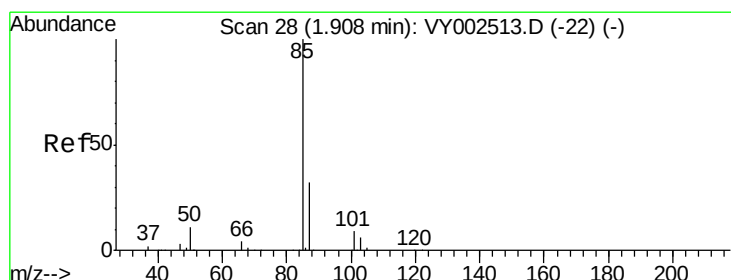
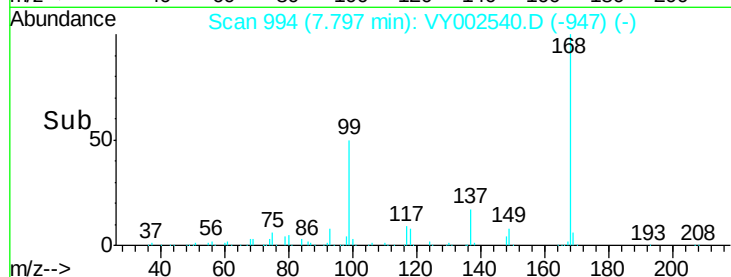
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.819 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.01 min

Lab File: VY002540.D

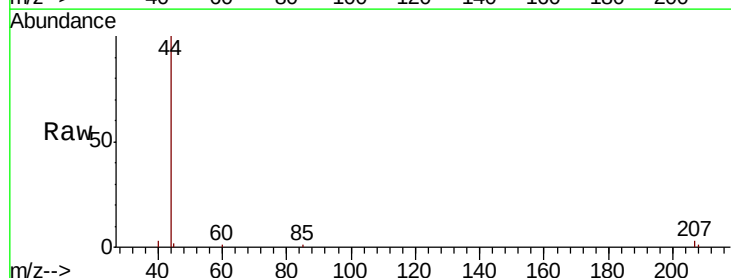
Acq: 04 May 2020 14:56

Tgt Ion: 85 Resp: 83

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) (-)

1.90

80

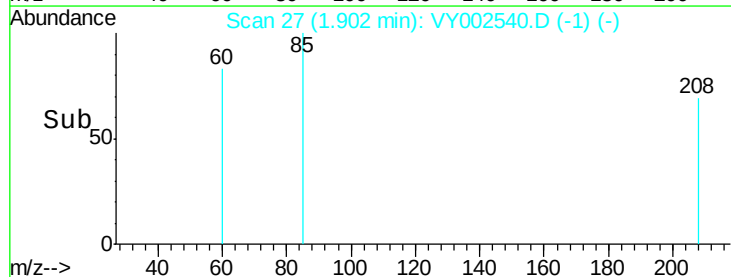
60

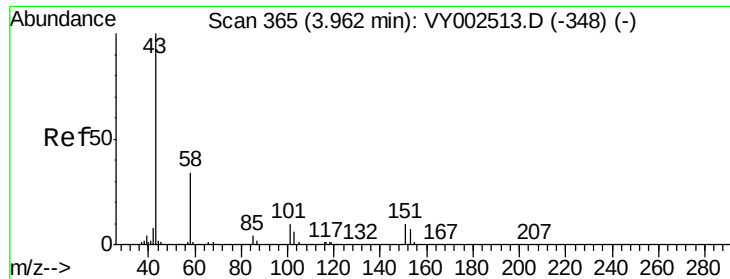
40

20

0

Time-->





#16

Acetone

Concen: 1.531 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY002540.D

Acq: 04 May 2020 14:56

Instrument :

MSVOA_Y

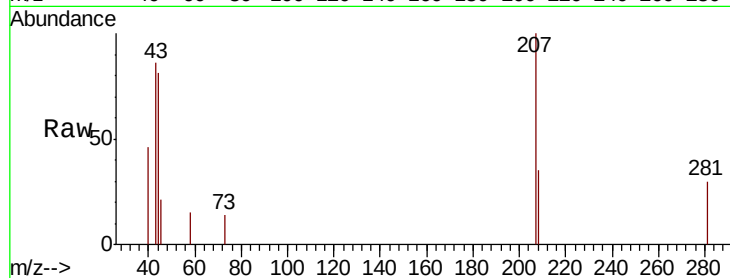
ClientSampleId :

Tot Ion: 43 Resp: 751

Ion Ratio Lower Upper

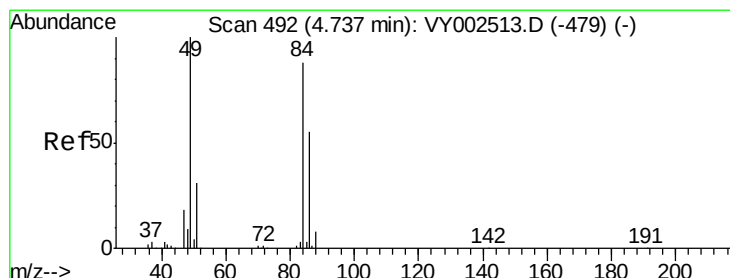
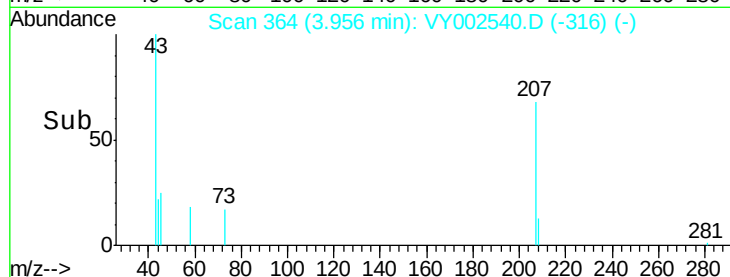
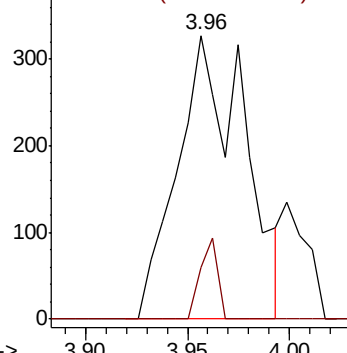
43 100

58 18.0 26.9 40.3#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#20

Methylene Chloride

Concen: 1.392 ug/l

RT: 4.72 min Scan# 490

Delta R.T. -0.01 min

Lab File: VY002540.D

Acq: 04 May 2020 14:56

Tgt Ion: 84 Resp: 3816

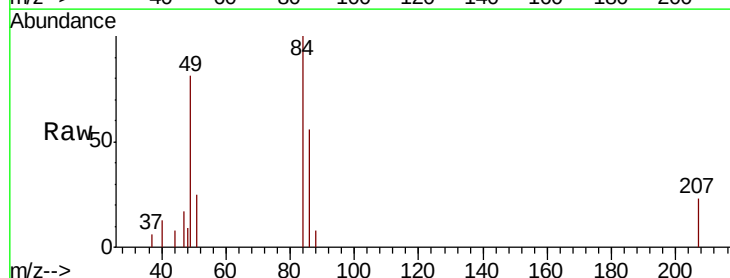
Ion Ratio Lower Upper

84 100

49 80.6 90.5 135.7#

51 25.2 28.3 42.5#

86 56.2 49.9 74.9

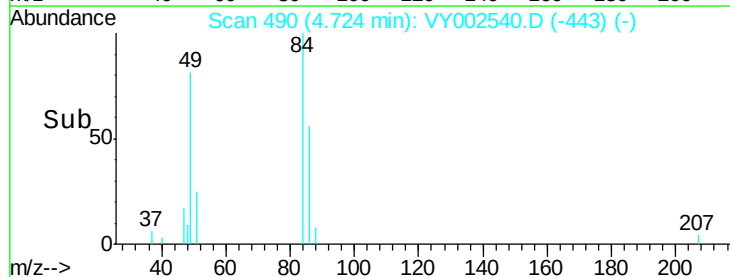
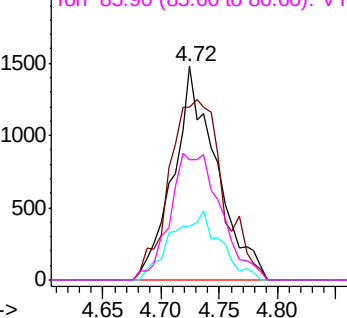


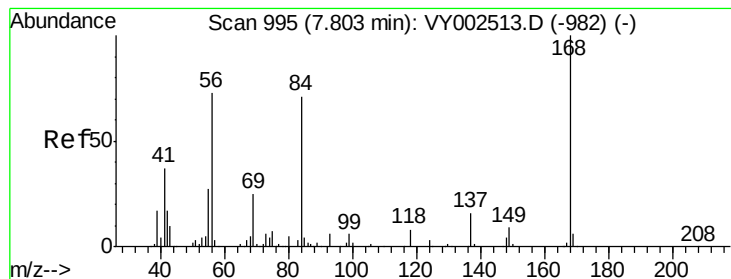
Abundance Ion 83.90 (83.60 to 84.60): VY0

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





#31

Cyclohexane

Concen: 1.024 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002540.D

Acq: 04 May 2020 14:56

Instrument :

MSVOA_Y

ClientSampled :

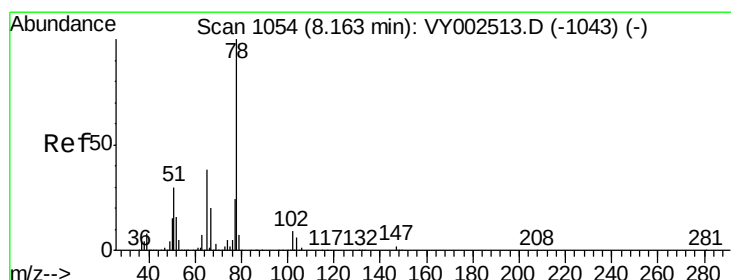
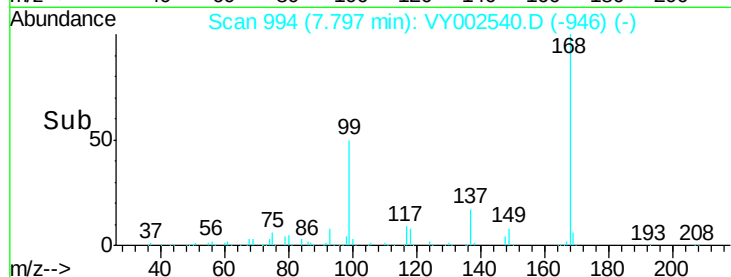
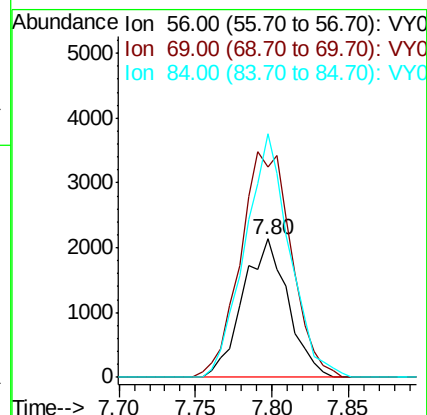
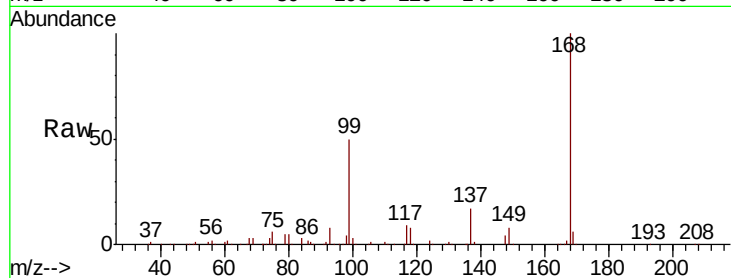
Tot Ion: 56 Resp: 4375

Ion Ratio Lower Upper

56 100

69 152.2 27.6 41.4#

84 176.2 77.7 116.5#



#33

1,2-Dichloroethane-d4

Concen: 58.463 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002540.D

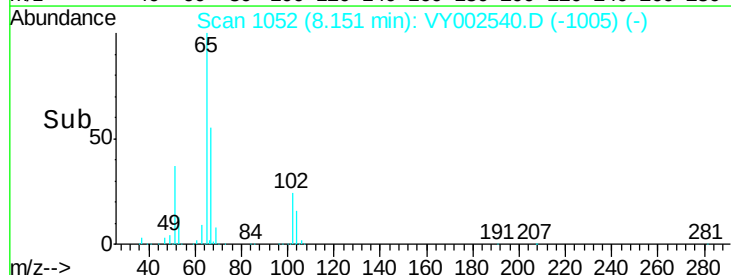
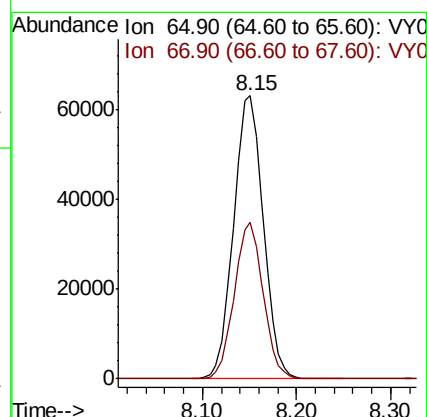
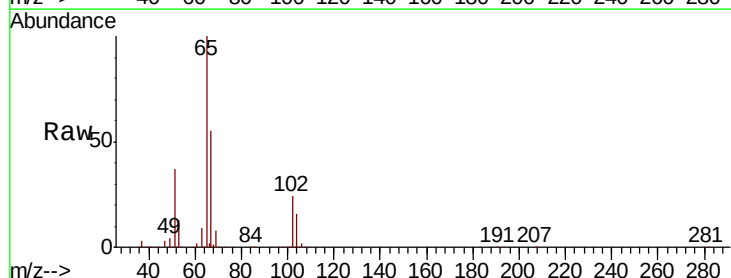
Acq: 04 May 2020 14:56

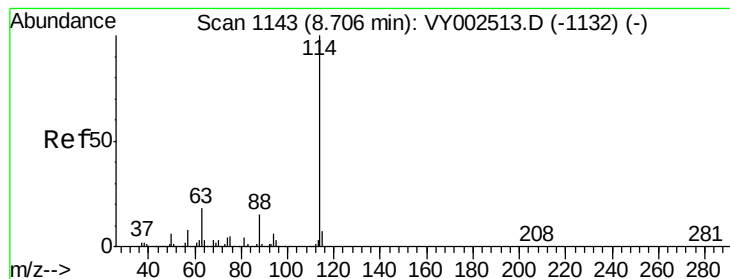
Tgt Ion: 65 Resp: 138914

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY002540.D

Acq: 04 May 2020 14:56

Instrument :

MSVOA_Y

ClientSampleId :

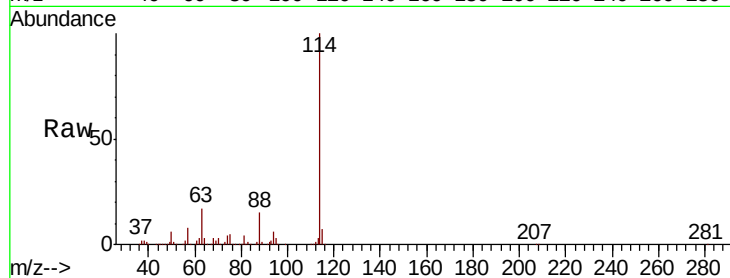
Tot Ion:114 Resp: 459356

Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.4

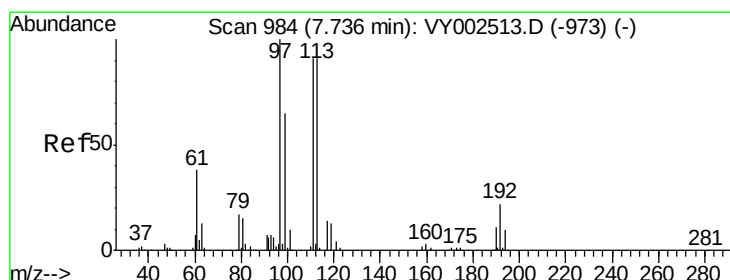
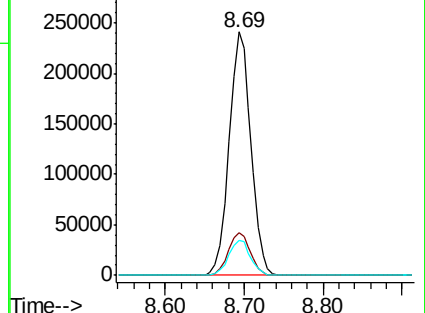
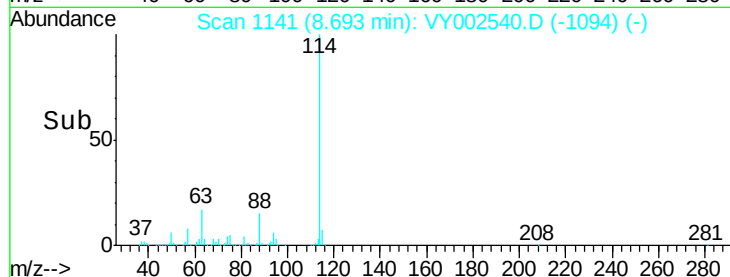
88 14.5 0.0 29.6



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: 54.070 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002540.D

Acq: 04 May 2020 14:56

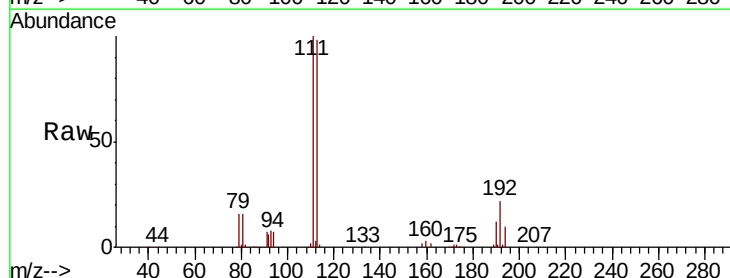
Tgt Ion:113 Resp: 142045

Ion Ratio Lower Upper

113 100

111 101.4 81.8 122.6

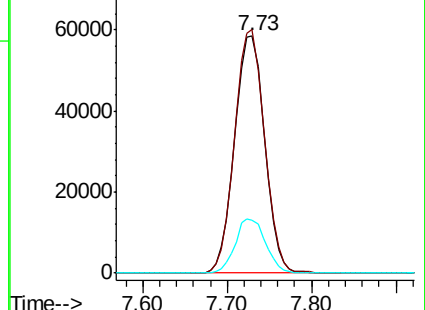
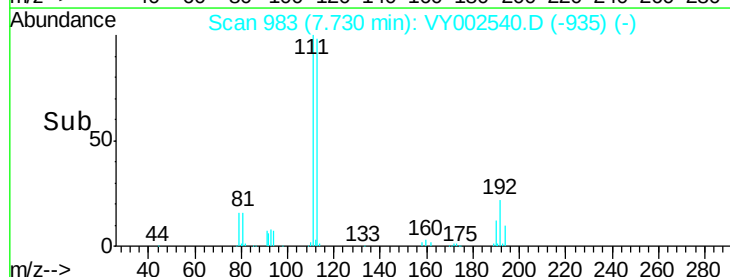
192 22.8 18.2 27.4

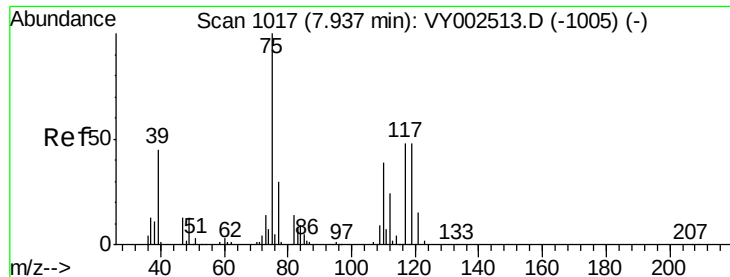


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

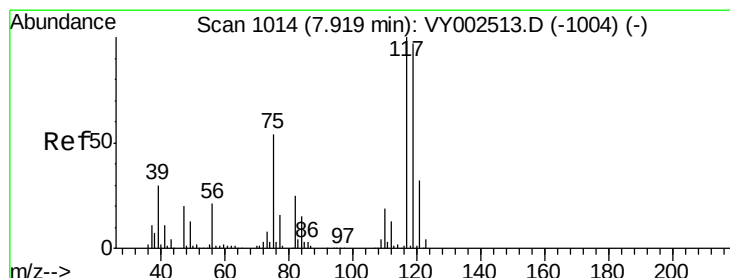
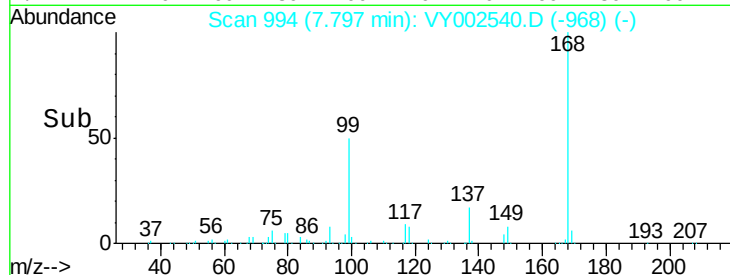
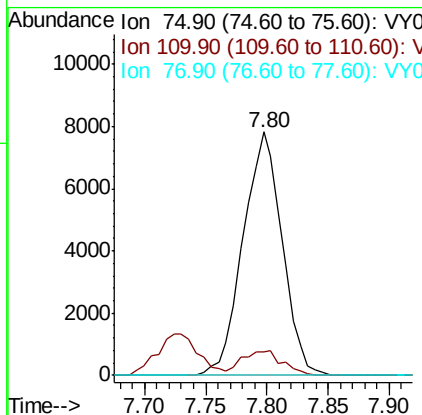
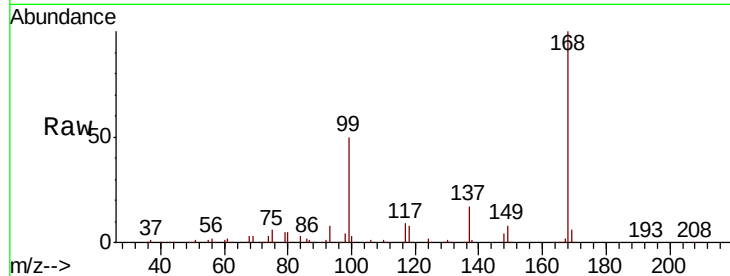




#36
 1,1-Dichloropropene
 Concen: 4.505 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.14 min
 Lab File: VY002540.D
 Acq: 04 May 2020 14:56

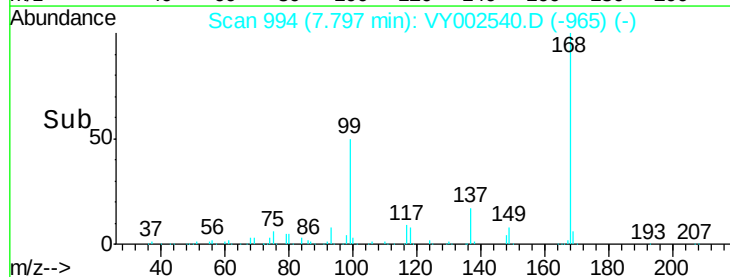
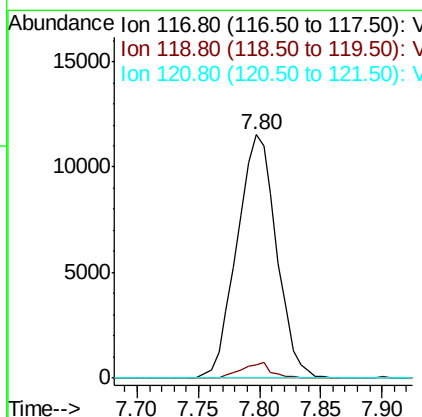
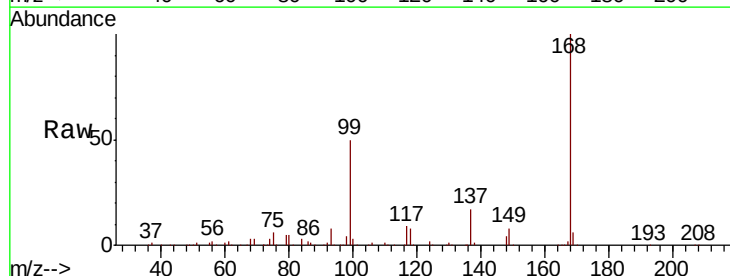
Instrument :
 MSVOA_Y
 ClientSampled :

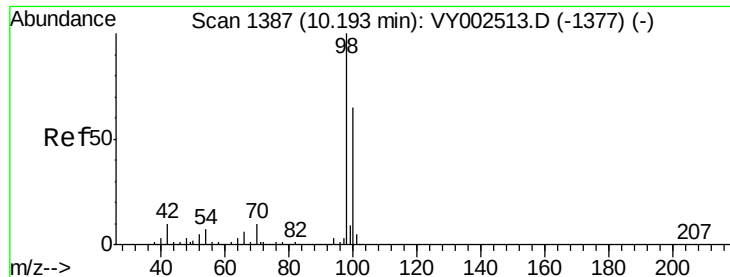
Tot Ion	75	Resp	17348
Ion Ratio	100	Lower	Upper
75	100		
110	10.5	19.1	57.3#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 6.153 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.12 min
 Lab File: VY002540.D
 Acq: 04 May 2020 14:56

Tgt Ion	117	Resp	25867
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	5.4	77.1	115.7#
121	0.0	25.2	37.8#





#50

Toluene-d8

Concen: 52.472 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002540.D

Acq: 04 May 2020 14:56

Instrument :

MSVOA_Y

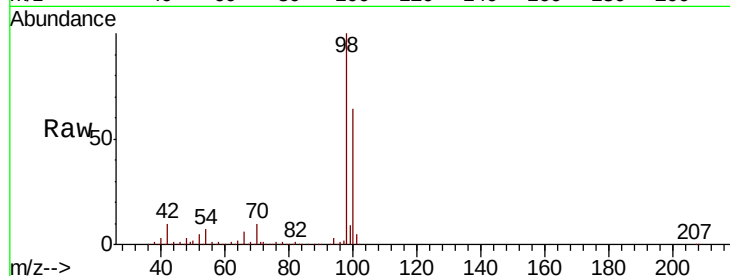
ClientSampleId :

Tot Ion: 98 Resp: 538312

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

10.18

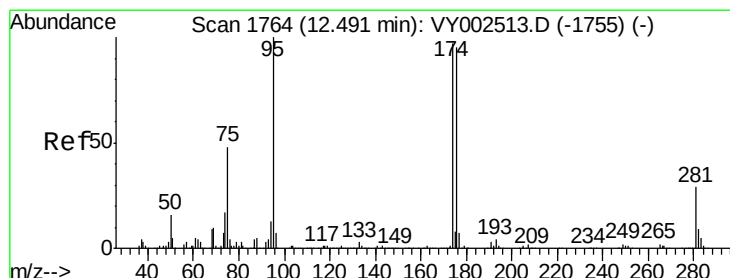
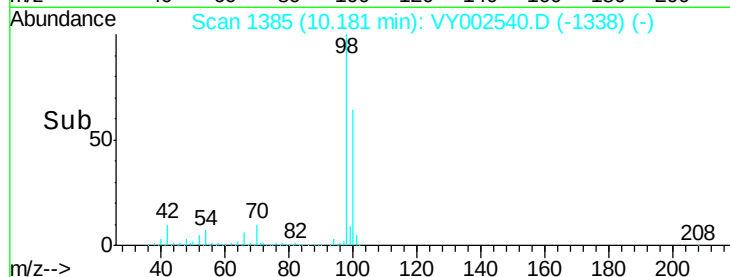
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.899 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002540.D

Acq: 04 May 2020 14:56

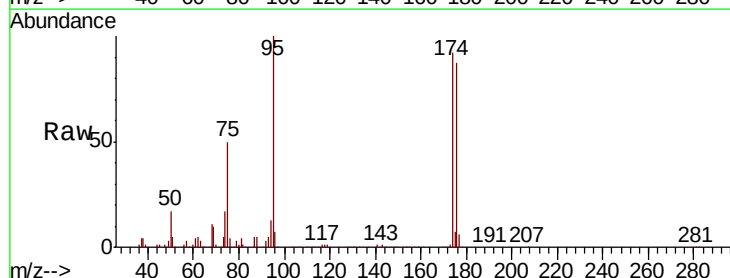
Tgt Ion: 95 Resp: 166746

Ion Ratio Lower Upper

95 100

174 96.3 0.0 188.8

176 93.2 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

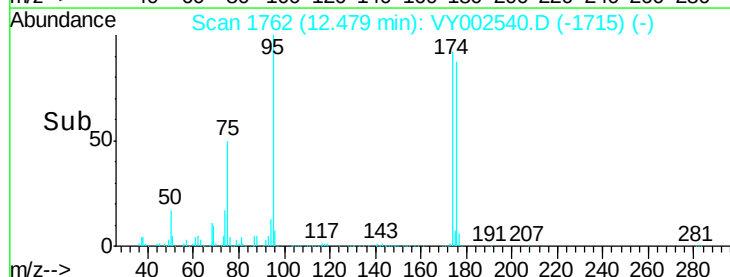
12.48

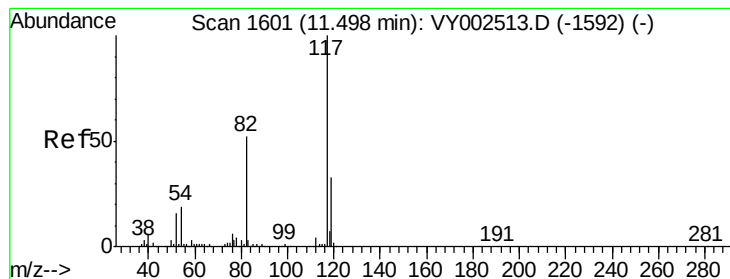
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.01 min

Lab File: VY002540.D

Acq: 04 May 2020 14:56

Instrument :

MSVOA_Y

ClientSampleId :

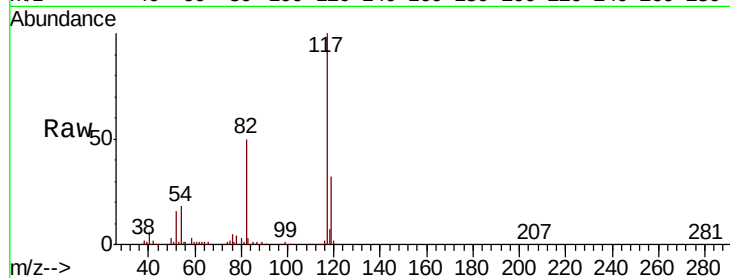
Tot Ion:117 Resp: 408923

Ion Ratio Lower Upper

117 100

82 49.9 41.3 61.9

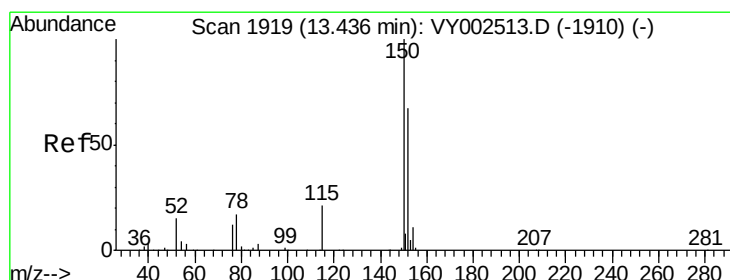
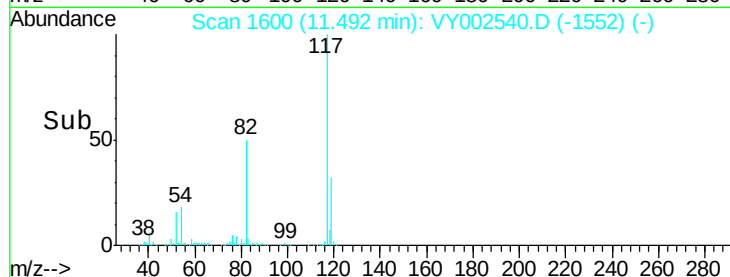
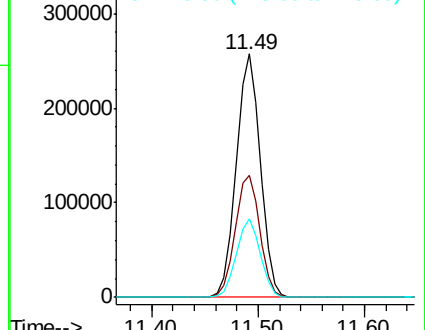
119 32.1 26.0 39.0



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: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY002540.D

Acq: 04 May 2020 14:56

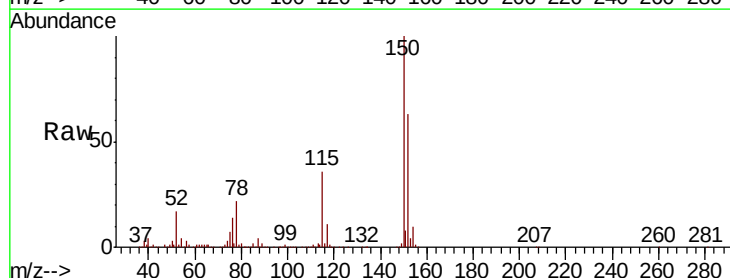
Tgt Ion:152 Resp: 195525

Ion Ratio Lower Upper

152 100

115 54.2 27.5 82.4

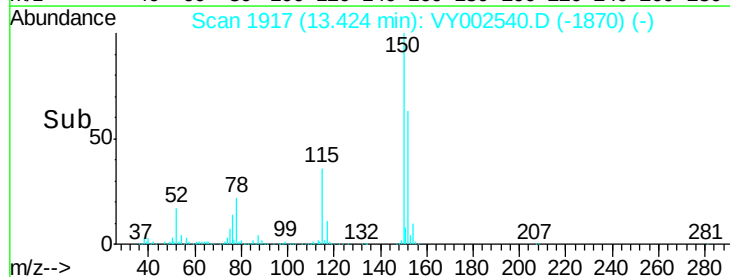
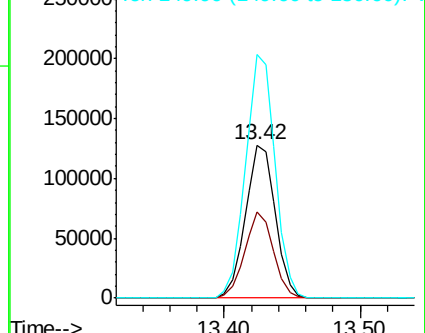
150 157.8 0.0 346.4

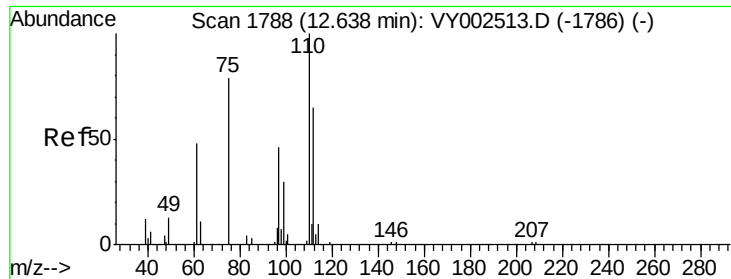


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 47.905 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.16 min

Lab File: VY002540.D

Acq: 04 May 2020 14:56

Instrument :

MSVOA_Y

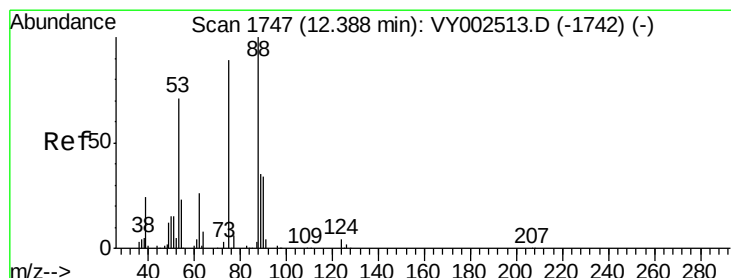
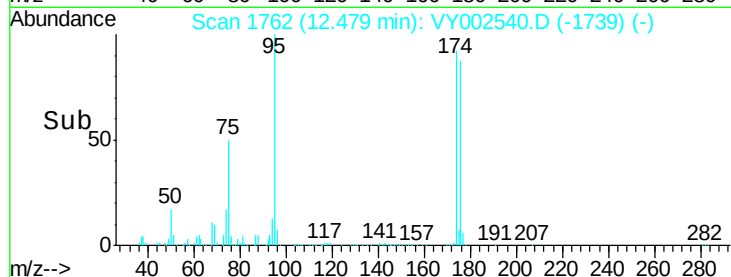
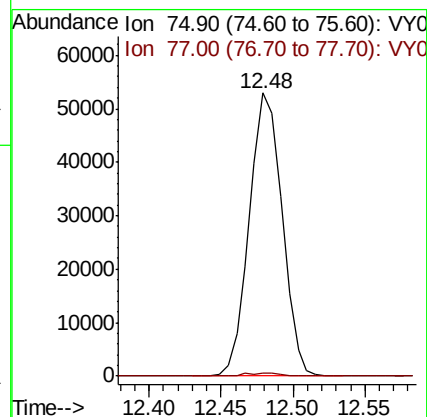
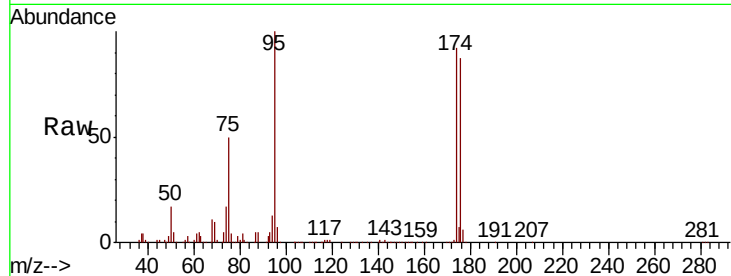
ClientSampleId :

Tot Ion: 75 Resp: 83238

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 96.059 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.09 min

Lab File: VY002540.D

Acq: 04 May 2020 14:56

Tgt Ion: 75 Resp: 83238

Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.0#

89 0.0 37.4 56.0#

