

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041320\
 Data File : VY002288.D
 Acq On : 13 Apr 2020 18:16
 Operator : SY/MD
 Sample : L2215-28
 Misc : 8.95G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 14 07:27:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

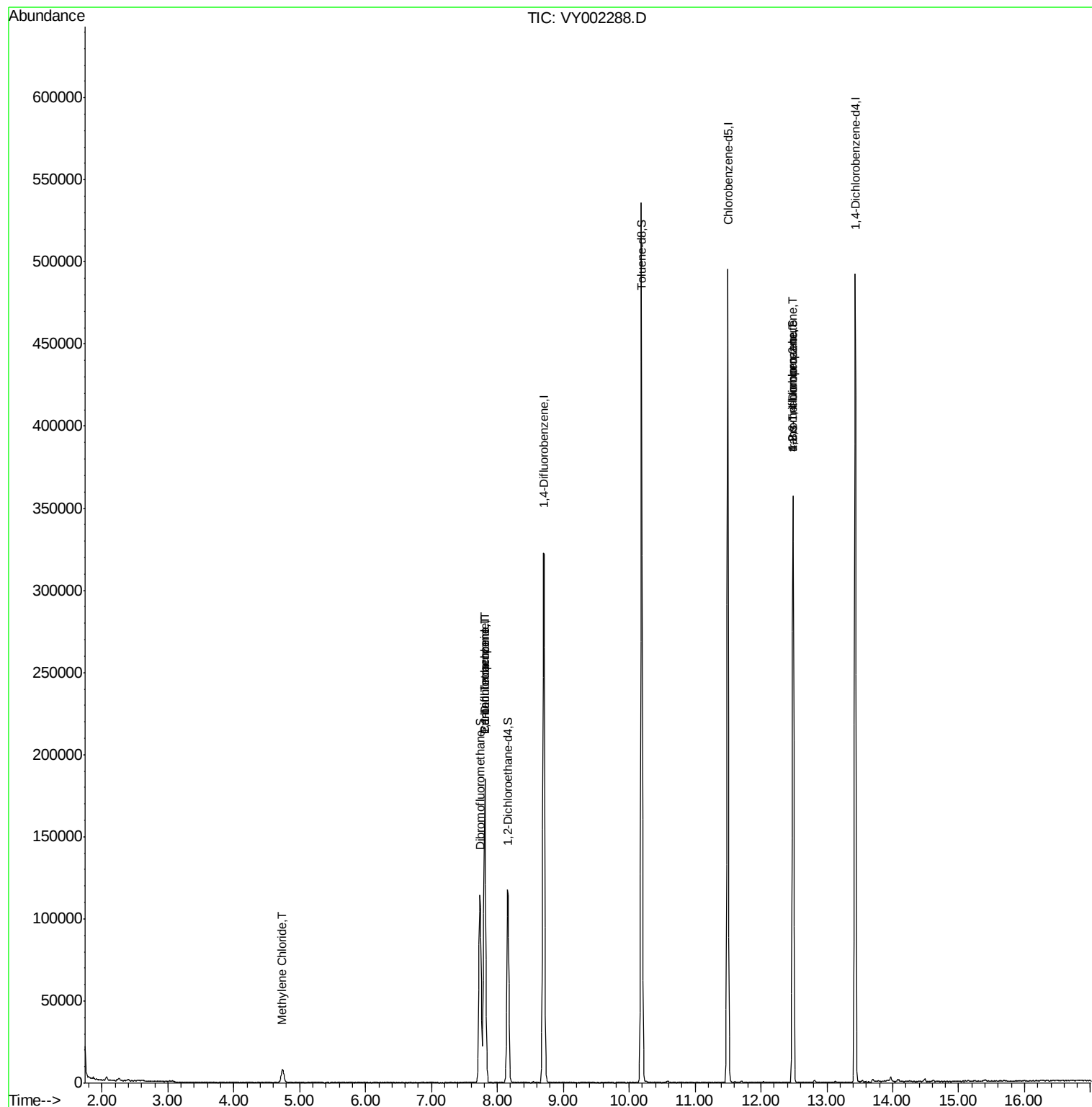
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	142114	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	286804	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	266592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	119101	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	85700	54.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.46%	
35) Dibromofluoromethane	7.74	113	84907	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
50) Toluene-d8	10.19	98	350172	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
62) 4-Bromofluorobenzene	12.49	95	120110	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.74	84	6542	3.198	ug/l	95
36) 1,1-Dichloropropene	7.81	75	11579	4.099	ug/l #	50
38) Carbon Tetrachloride	7.80	117	14125	5.845	ug/l #	17
76) 1,2,3-Trichloropropane	12.49	75	59479	43.006	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	59479	83.647	ug/l #	19

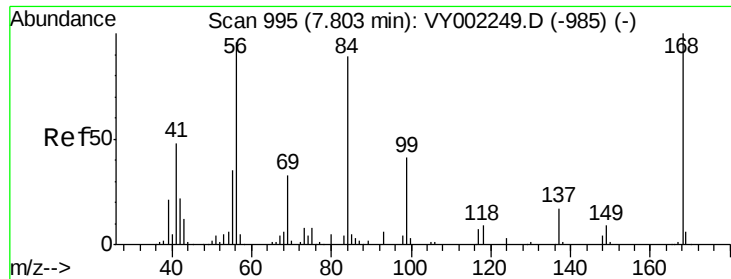
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002288.D

Acq: 13 Apr 2020 18:16

Instrument :

MSVOA_Y

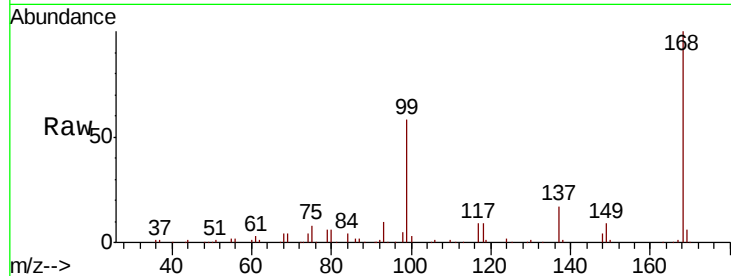
ClientSampleId :

Tot Ion:168 Resp: 142114

Ion Ratio Lower Upper

168 100

99 58.3 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)

7.81

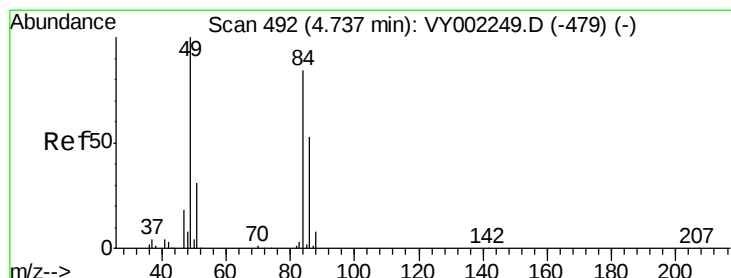
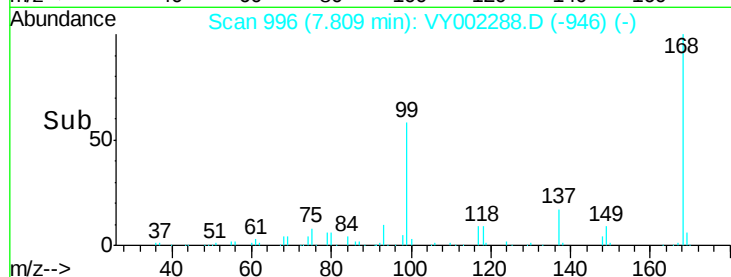
60000

40000

20000

0

Time--> 7.70 7.80 7.90



#20

Methylene Chloride

Concen: 3.198 ug/l

RT: 4.74 min Scan# 492

Delta R.T. -0.00 min

Lab File: VY002288.D

Acq: 13 Apr 2020 18:16

Tgt Ion: 84 Resp: 6542

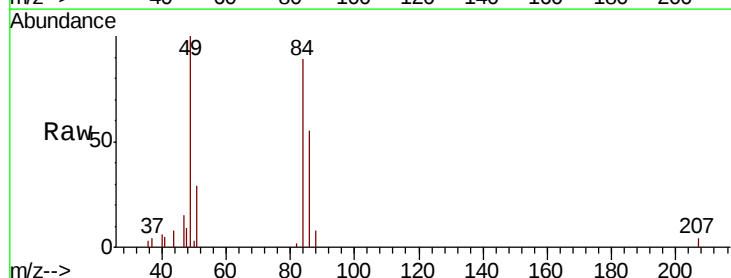
Ion Ratio Lower Upper

84 100

49 112.5 95.5 143.3

51 32.9 29.5 44.3

86 62.4 50.7 76.1



Abundance Ion 83.90 (83.60 to 84.60): VY002249.D (-479) (-)

Ion 48.90 (48.60 to 49.60): VY002249.D (-479) (-)

Ion 50.90 (50.60 to 51.60): VY002249.D (-479) (-)

Ion 85.90 (85.60 to 86.60): VY002249.D (-479) (-)

4.74

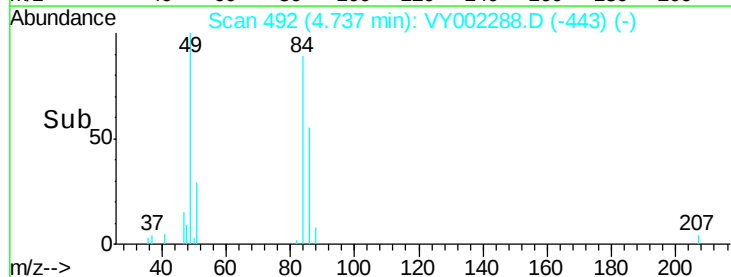
3000

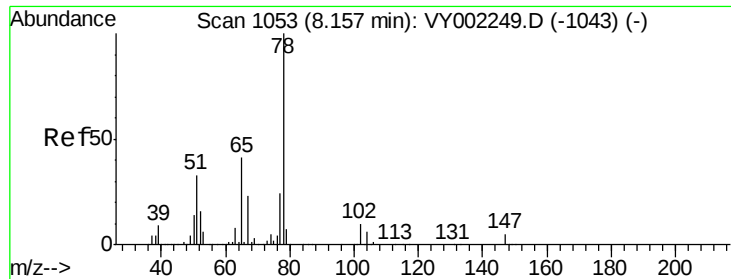
2000

1000

0

Time--> 4.60 4.70 4.80

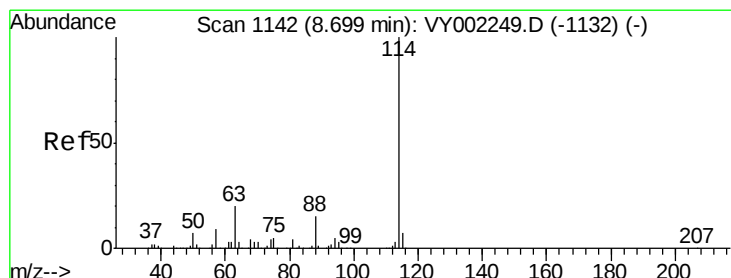
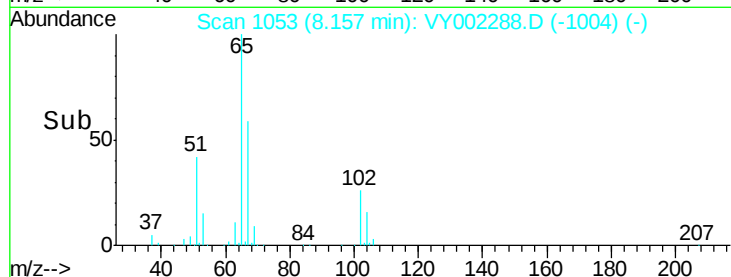
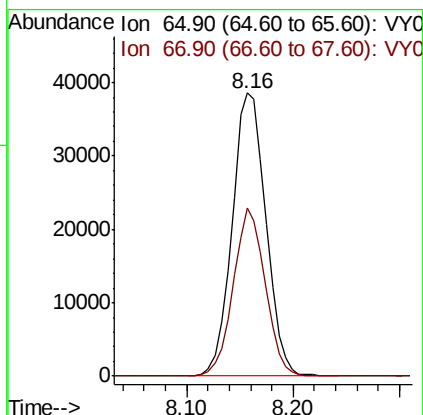
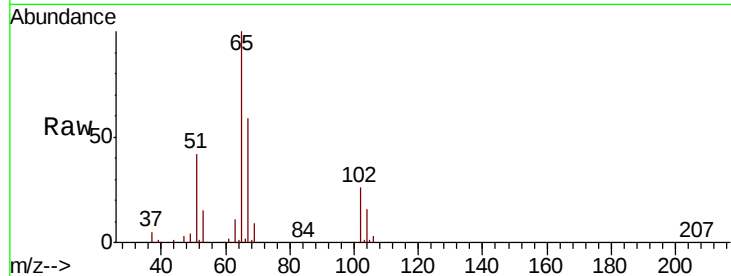




#33
 1,2-Dichloroethane-d4
 Concen: 54.226 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY002288.D
 Acq: 13 Apr 2020 18:16

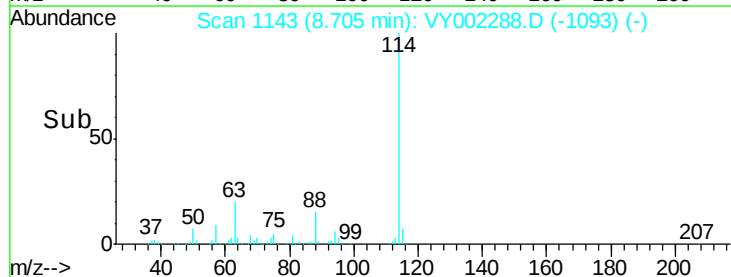
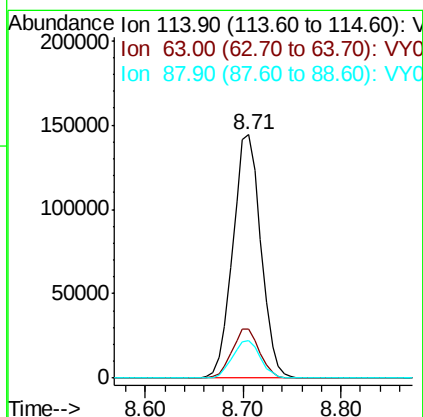
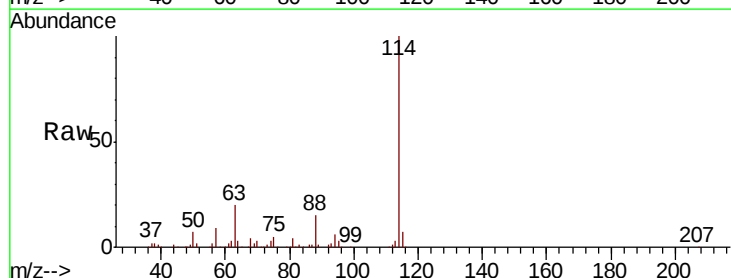
Instrument :
 MSVOA_Y
 ClientSampleId :

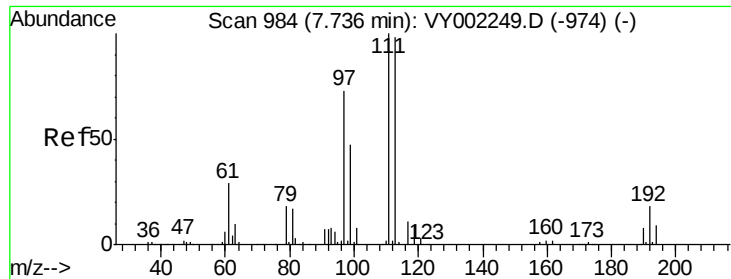
Tot Ion: 65 Resp: 85700
 Ion Ratio Lower Upper
 65 100
 67 56.1 0.0 114.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: VY002288.D
 Acq: 13 Apr 2020 18:16

Tgt Ion: 114 Resp: 286804
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.0
 88 15.2 0.0 31.0

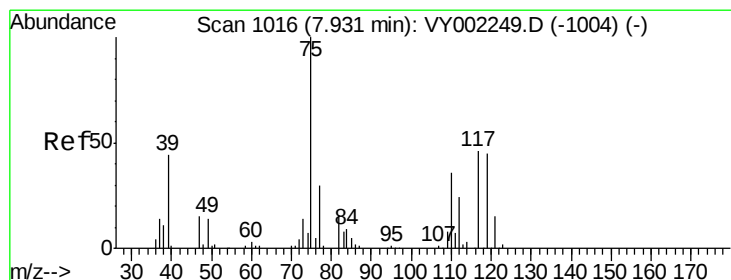
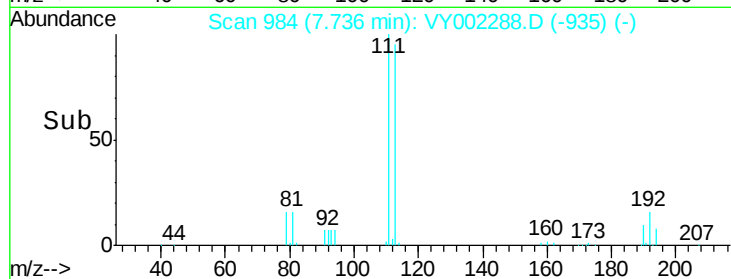
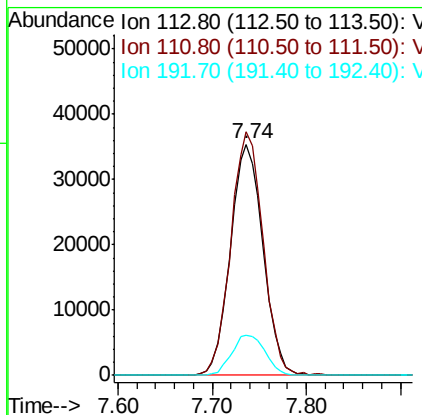
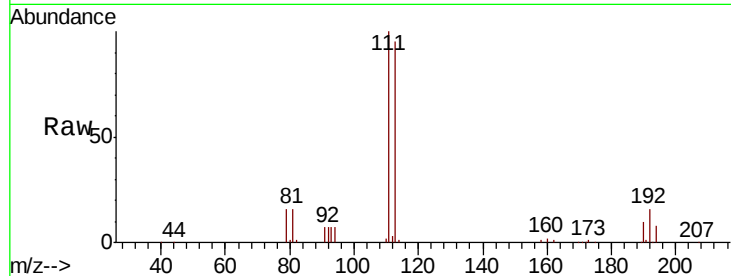




#35
 Dibromofluoromethane
 Concen: 49.753 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: VY002288.D
 Acq: 13 Apr 2020 18:16

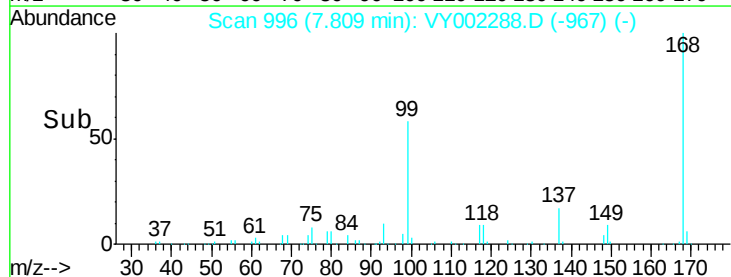
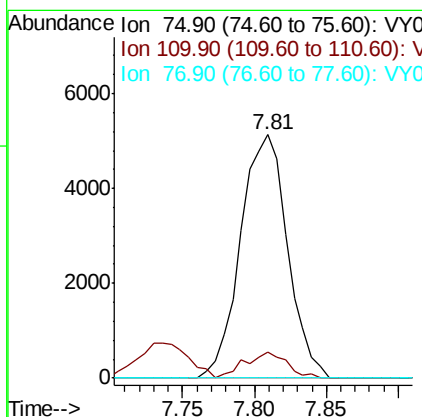
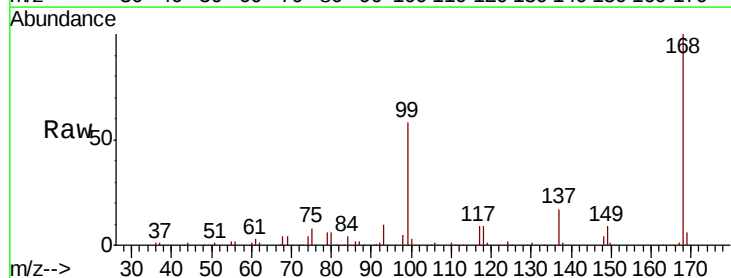
Instrument :
 MSVOA_Y
 ClientSampleId :

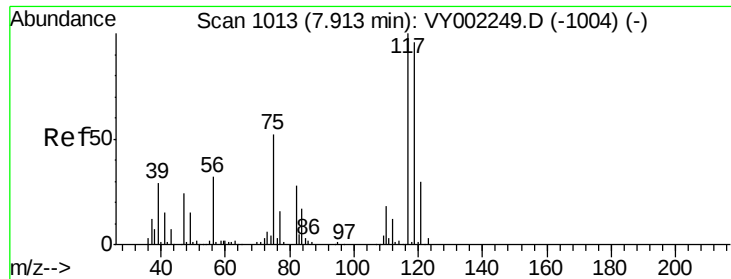
Tot Ion:113 Resp: 84907
 Ion Ratio Lower Upper
 113 100
 111 104.3 83.5 125.3
 192 17.9 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 4.099 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.12 min
 Lab File: VY002288.D
 Acq: 13 Apr 2020 18:16

Tgt Ion: 75 Resp: 11579
 Ion Ratio Lower Upper
 75 100
 110 9.5 17.8 53.3#
 77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 5.845 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.11 min

Lab File: VY002288.D

Acq: 13 Apr 2020 18:16

Instrument :

MSVOA_Y

ClientSampled :

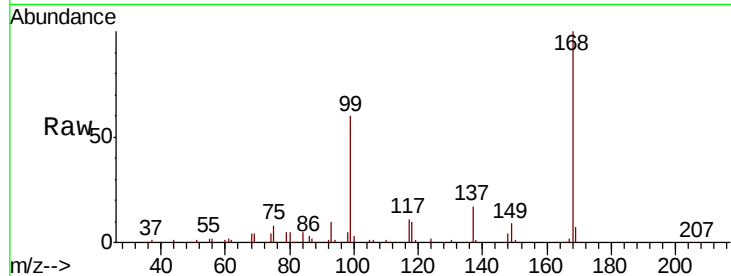
Tot Ion:117 Resp: 14125

Ion Ratio Lower Upper

117 100

119 6.2 77.1 115.7#

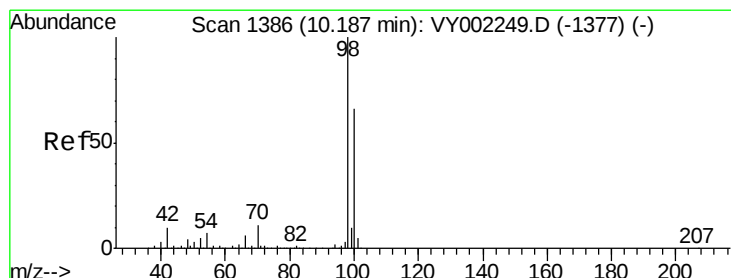
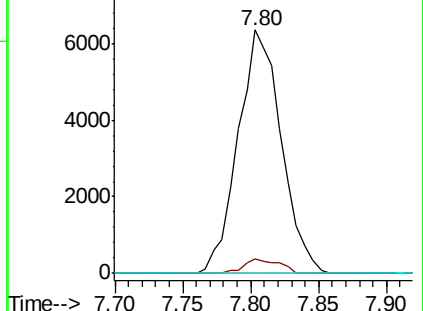
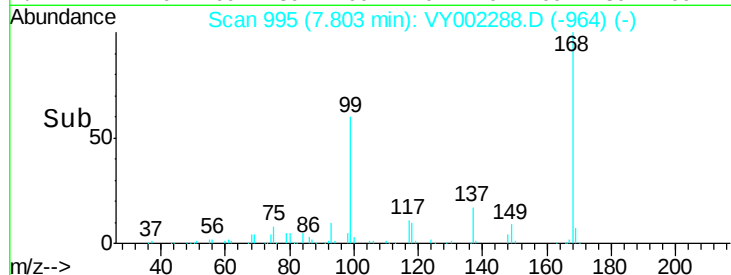
121 0.0 23.9 35.9#



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: 49.023 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY002288.D

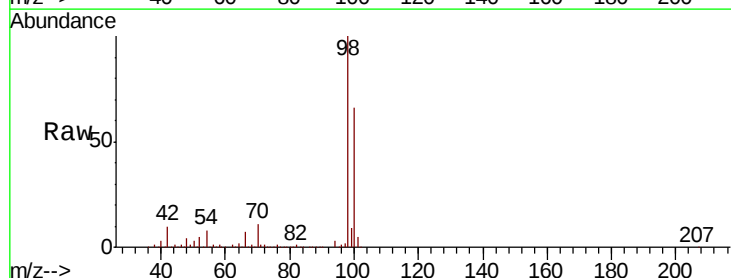
Acq: 13 Apr 2020 18:16

Tgt Ion: 98 Resp: 350172

Ion Ratio Lower Upper

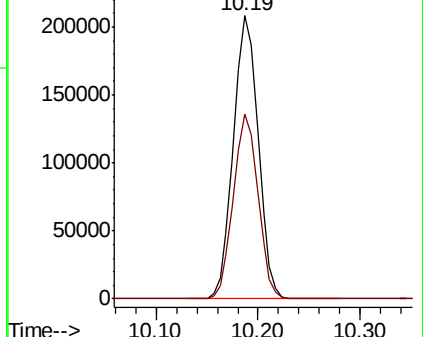
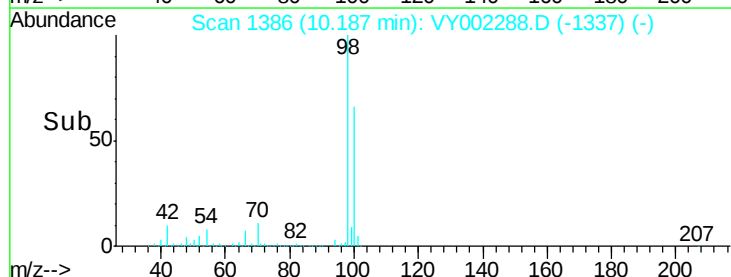
98 100

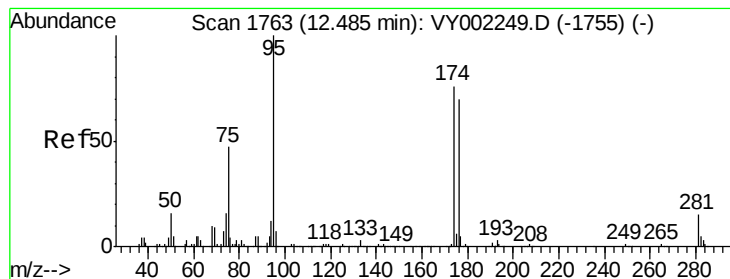
100 64.8 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 50.968 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY002288.D

Acq: 13 Apr 2020 18:16

Instrument :

MSVOA_Y

ClientSampled :

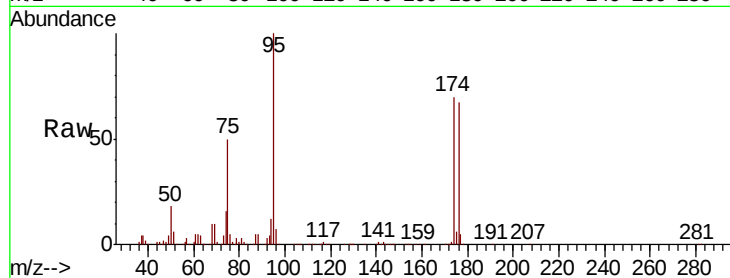
Tot Ion: 95 Resp: 120110

Ion Ratio Lower Upper

95 100

174 72.9 0.0 150.6

176 69.6 0.0 141.4

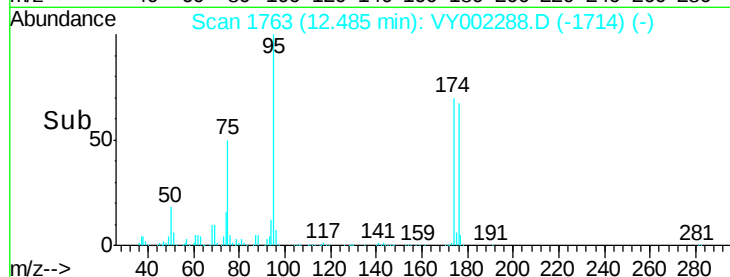


Abundance Ion 94.90 (94.60 to 95.60): VY002249.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002249.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY002249.D (-1755) (-)

Time-->

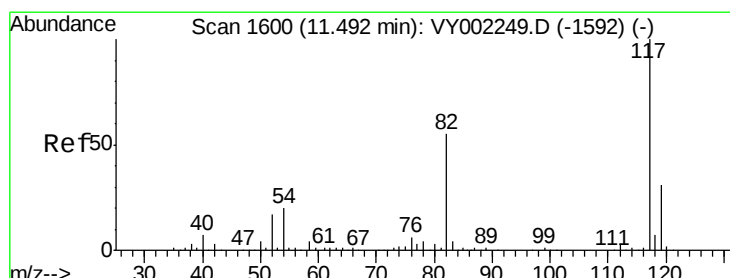


Abundance Ion 94.90 (94.60 to 95.60): VY002288.D (-1714) (-)

Ion 173.80 (173.50 to 174.50): VY002288.D (-1714) (-)

Ion 175.80 (175.50 to 176.50): VY002288.D (-1714) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VY002288.D

Acq: 13 Apr 2020 18:16

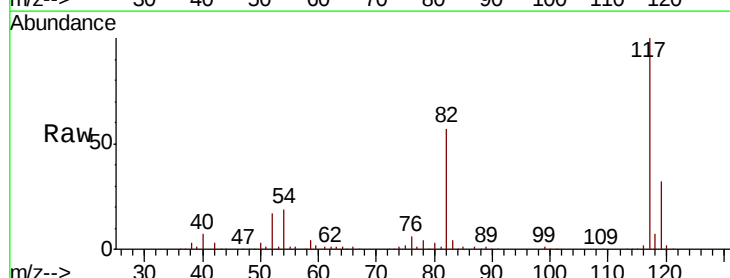
Tgt Ion: 117 Resp: 266592

Ion Ratio Lower Upper

117 100

82 56.6 44.2 66.4

119 32.3 25.1 37.7

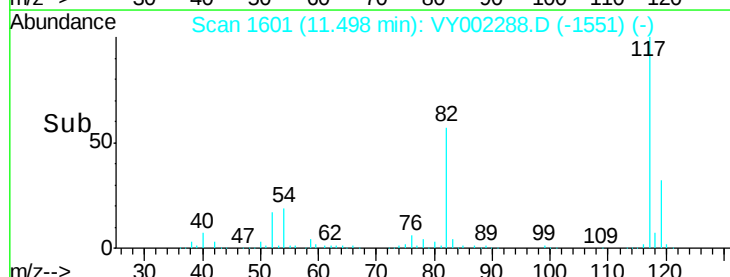


Abundance Ion 116.90 (116.60 to 117.60): VY002249.D (-1592) (-)

Ion 82.00 (81.70 to 82.70): VY002249.D (-1592) (-)

Ion 118.90 (118.60 to 119.60): VY002249.D (-1592) (-)

Time-->

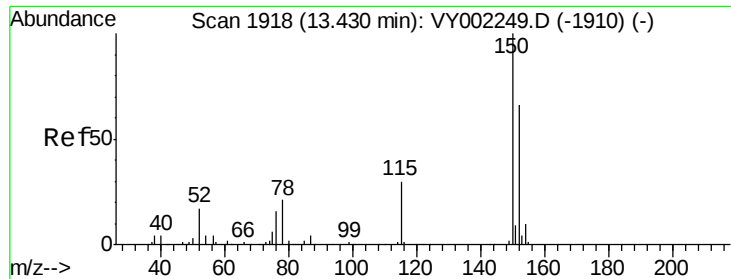


Abundance Ion 116.90 (116.60 to 117.60): VY002288.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY002288.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY002288.D (-1551) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY002288.D

Acq: 13 Apr 2020 18:16

Instrument :

MSVOA_Y

ClientSampleId :

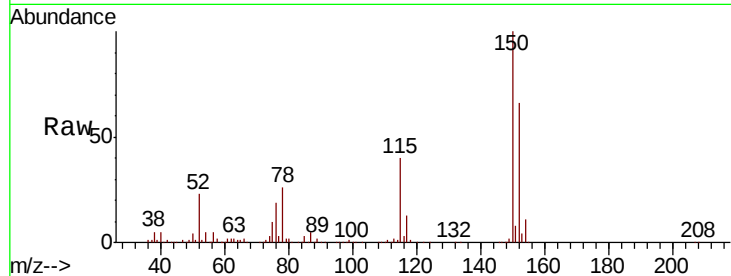
Tot Ion:152 Resp: 119101

Ion Ratio Lower Upper

152 100

115 61.1 30.7 92.1

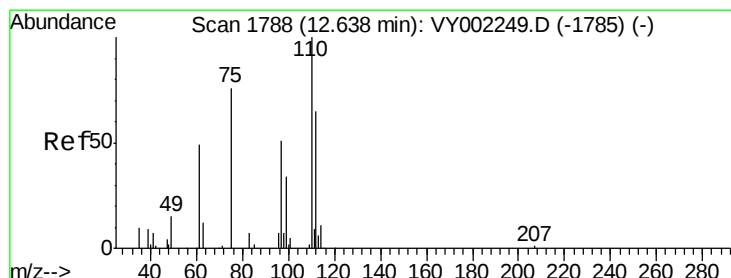
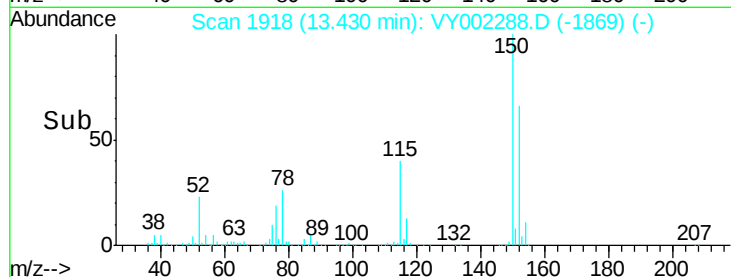
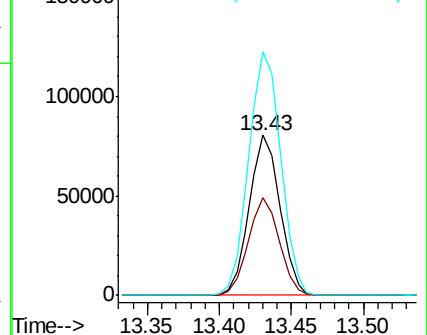
150 158.8 0.0 350.6



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: 43.006 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY002288.D

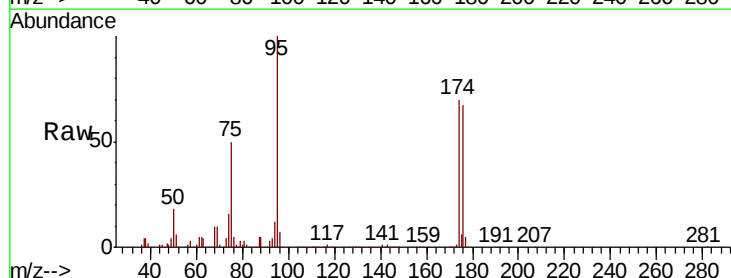
Acq: 13 Apr 2020 18:16

Tgt Ion: 75 Resp: 59479

Ion Ratio Lower Upper

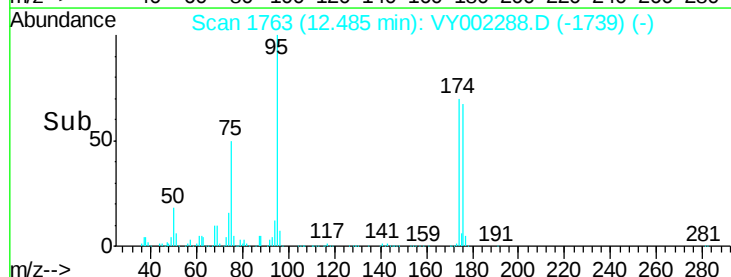
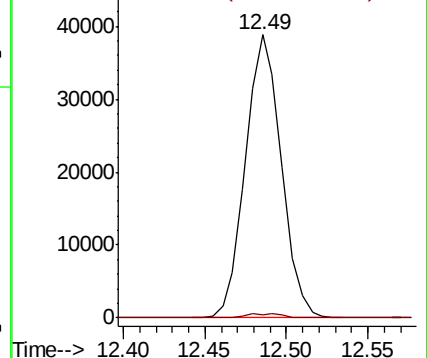
75 100

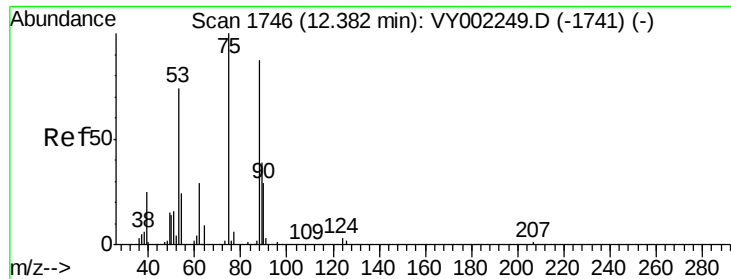
77 1.5 0.0 0.0#



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: 83.647 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002288.D

Acq: 13 Apr 2020 18:16

Instrument :

MSVOA_Y

ClientSampleId :

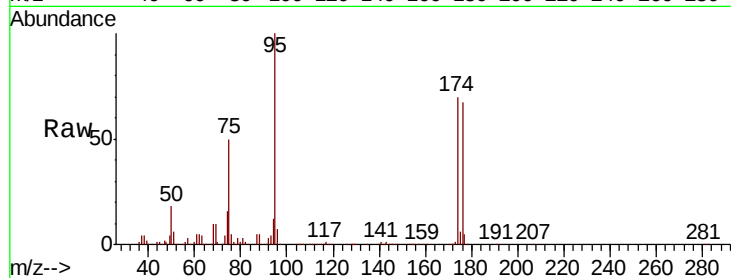
Tot Ion: 75 Resp: 59479

Ion Ratio Lower Upper

75 100

53 0.0 59.8 89.8#

89 0.2 37.0 55.6#



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

