

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030520\
 Data File : VY001880.D
 Acq On : 05 Mar 2020 14:36
 Operator : SY/MD
 Sample : L1778-22
 Misc : 6.62G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 06 04:38:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

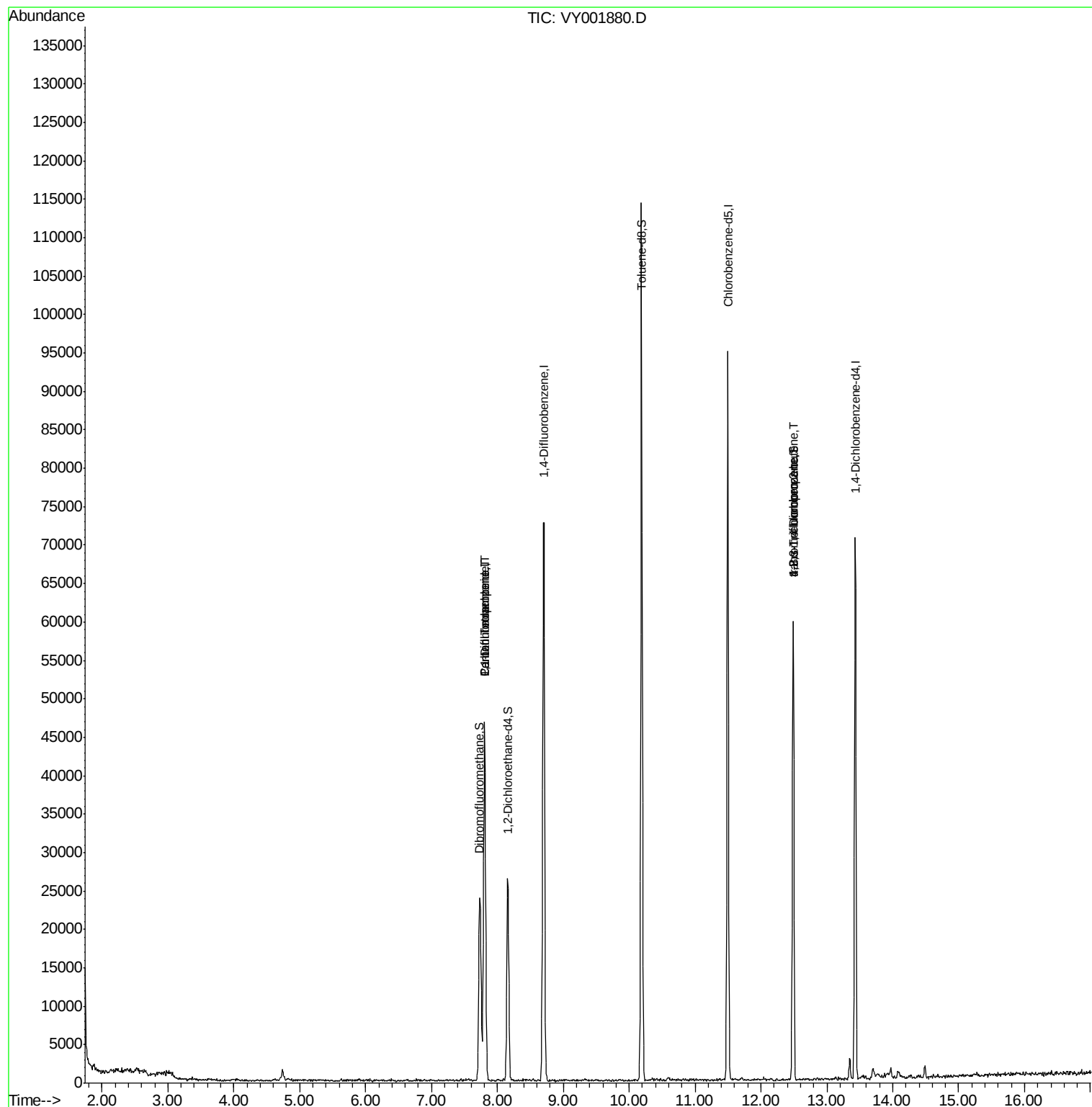
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	34975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	63143	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	49385	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	17144	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	19153	51.30	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	102.60%	
35) Dibromofluoromethane	7.73	113	17497	50.75	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	101.50%	
50) Toluene-d8	10.19	98	72282	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
62) 4-Bromofluorobenzene	12.49	95	20094	39.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.50%	
Target Compounds						
					Qvalue	
36) 1,1-Dichloropropene	7.80	75	3027	4.982	ug/l #	44
38) Carbon Tetrachloride	7.81	117	3374	6.500	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	10084	49.571	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	10084	100.131	ug/l #	17

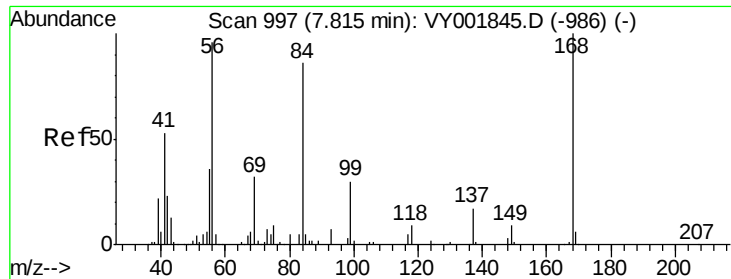
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY030520\
Data File : VY001880.D
Acq On : 05 Mar 2020 14:36
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001880.D

Acq: 05 Mar 2020 14:36

Instrument :

MSVOA_Y

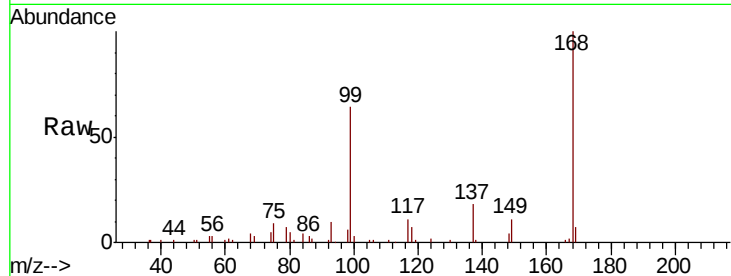
ClientSampleId :

Tot Ion:168 Resp: 34975

Ion Ratio Lower Upper

168 100

99 64.2 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001880.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001880.D (-948) (-)

7.81

15000

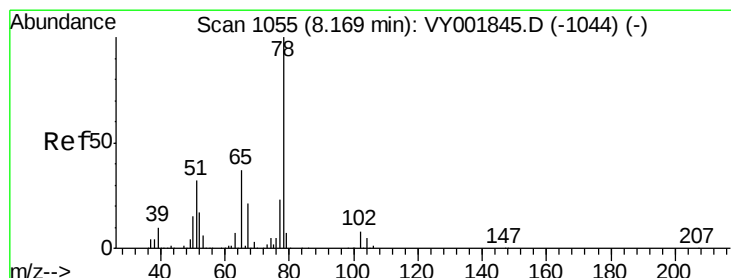
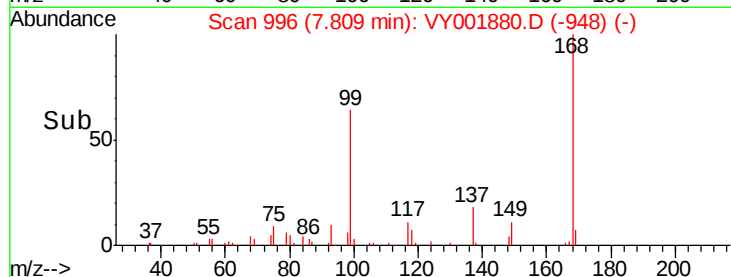
10000

5000

0

7.70 7.75 7.80 7.85 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.296 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY001880.D

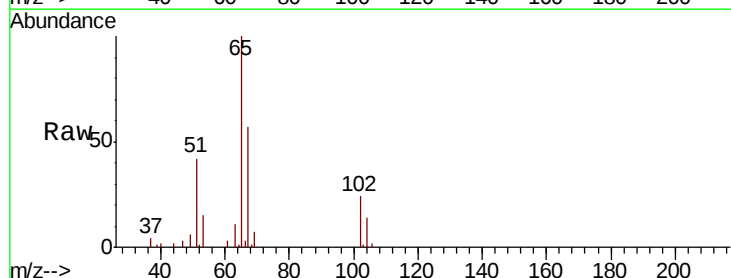
Acq: 05 Mar 2020 14:36

Tgt Ion: 65 Resp: 19153

Ion Ratio Lower Upper

65 100

67 56.6 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001880.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001880.D (-1006) (-)

8.16

10000

8000

6000

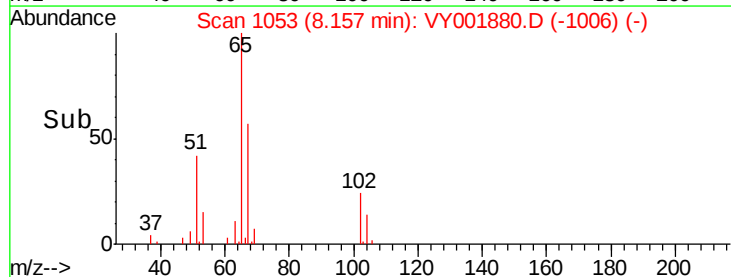
4000

2000

0

8.05 8.10 8.15 8.20 8.25

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001880.D

Acq: 05 Mar 2020 14:36

Instrument :

MSVOA_Y

ClientSampleId :

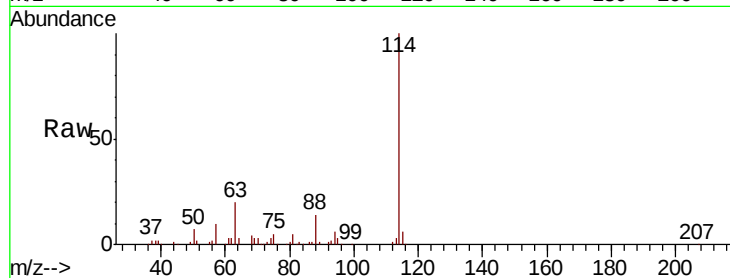
Tot Ion:114 Resp: 63143

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.4

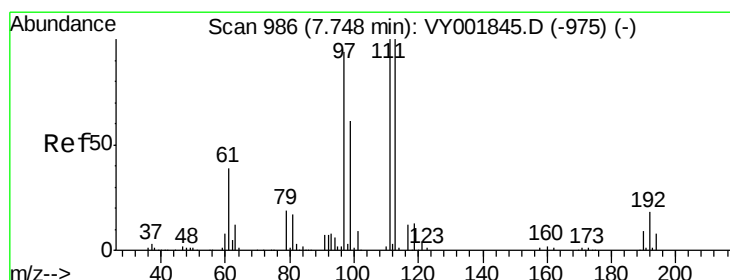
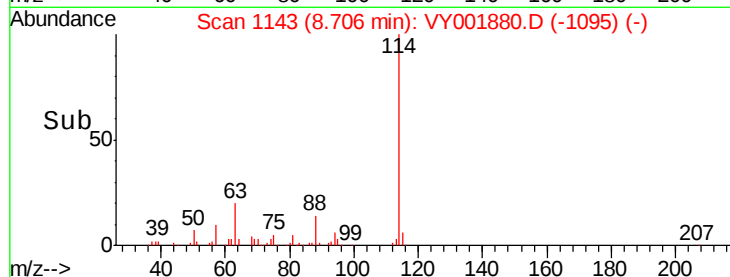
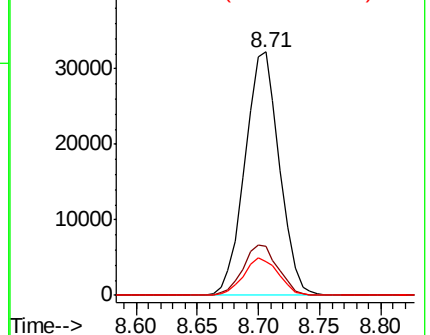
88 14.0 0.0 30.4



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: 50.747 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.02 min

Lab File: VY001880.D

Acq: 05 Mar 2020 14:36

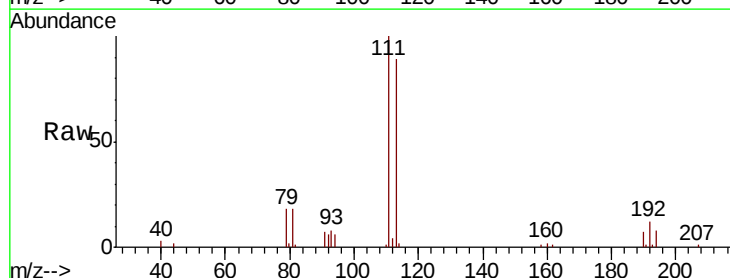
Tgt Ion:113 Resp: 17497

Ion Ratio Lower Upper

113 100

111 109.1 81.8 122.8

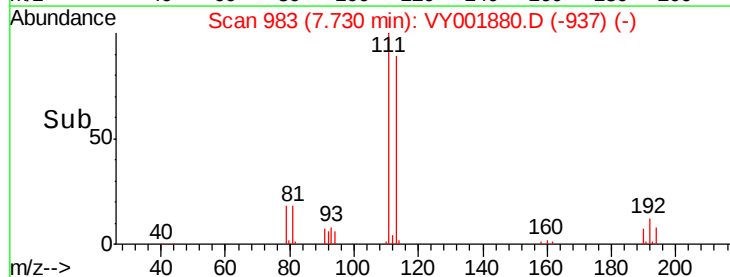
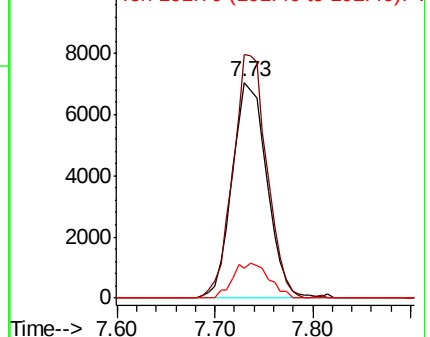
192 16.6 14.2 21.2

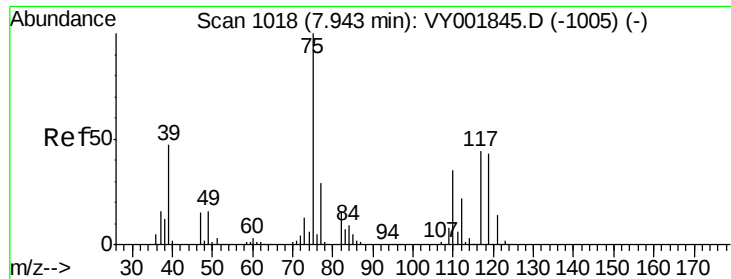


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

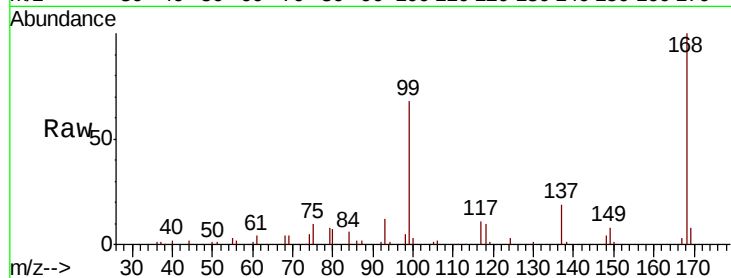




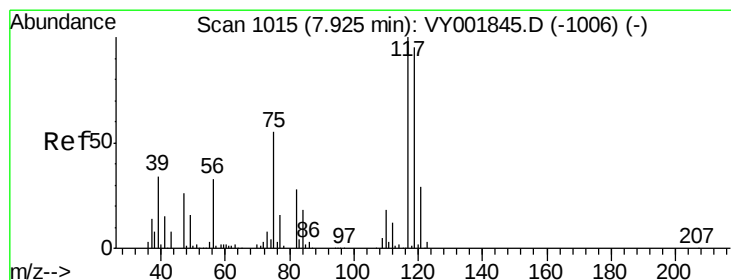
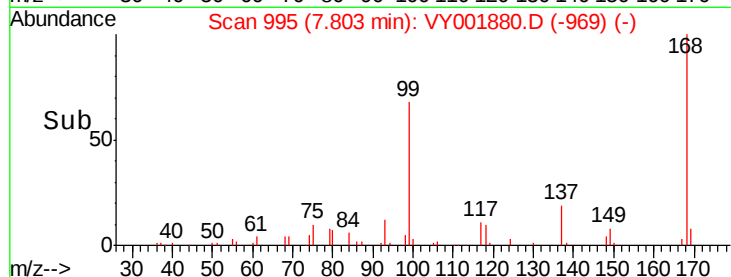
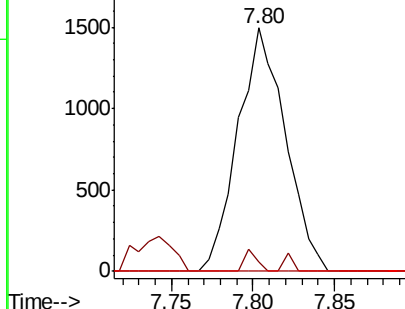
#36
 1,1-Dichloropropene
 Concen: 4.982 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.14 min
 Lab File: VY001880.D
 Acq: 05 Mar 2020 14:36

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 3027
 Ion Ratio Lower Upper
 75 100
 110 2.3 17.4 52.2#
 77 0.0 24.2 36.2#

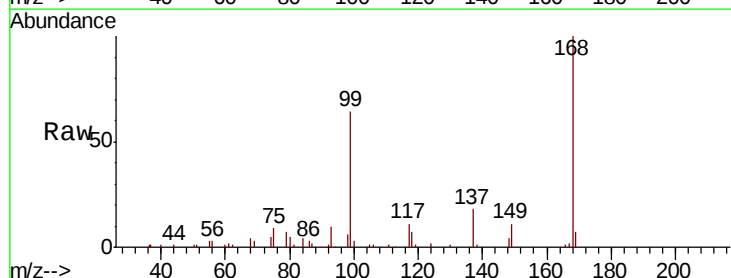


Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): VY0
 Ion 76.90 (76.60 to 77.60): VY0

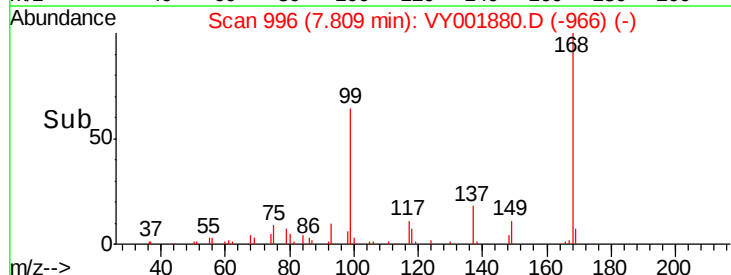
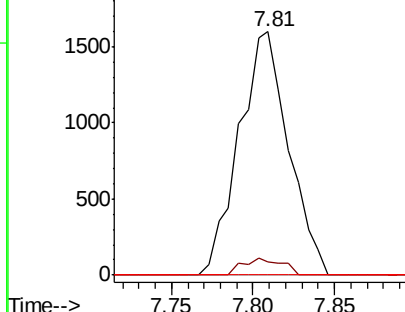


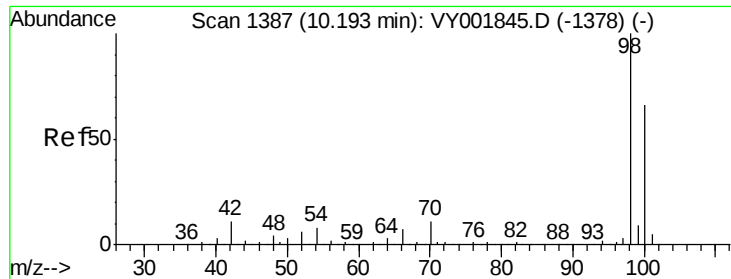
#38
 Carbon Tetrachloride
 Concen: 6.500 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.12 min
 Lab File: VY001880.D
 Acq: 05 Mar 2020 14:36

Tgt Ion: 117 Resp: 3374
 Ion Ratio Lower Upper
 117 100
 119 5.4 76.3 114.5#
 121 0.0 23.5 35.3#



Abundance Ion 116.80 (116.50 to 117.50): VY0
 Ion 118.80 (118.50 to 119.50): VY0
 Ion 120.80 (120.50 to 121.50): VY0





#50

Toluene-d8

Concen: 49.715 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY001880.D

Acq: 05 Mar 2020 14:36

Instrument :

MSVOA_Y

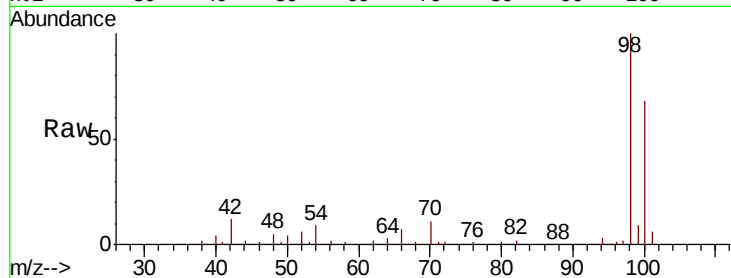
ClientSampleId :

Tot Ion: 98 Resp: 72282

Ion Ratio Lower Upper

98 100

100 66.0 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001845.D (-1378) (-)

Ion 100.00 (99.70 to 100.70): VY001845.D (-1378) (-)

10.19

40000

30000

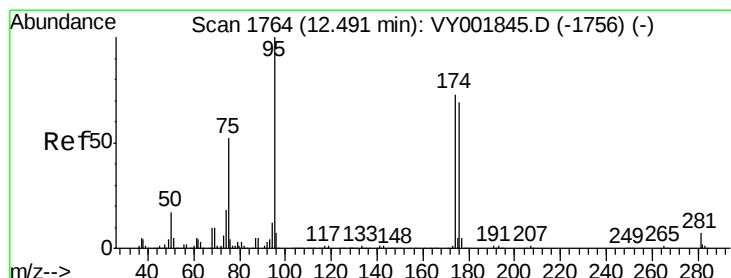
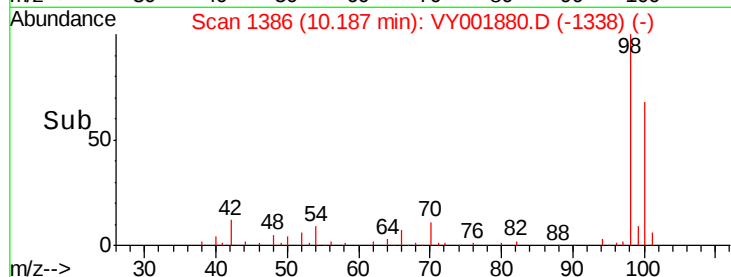
20000

10000

0

Time-->

10.10 10.15 10.20 10.25



#62

4-Bromofluorobenzene

Concen: 39.747 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY001880.D

Acq: 05 Mar 2020 14:36

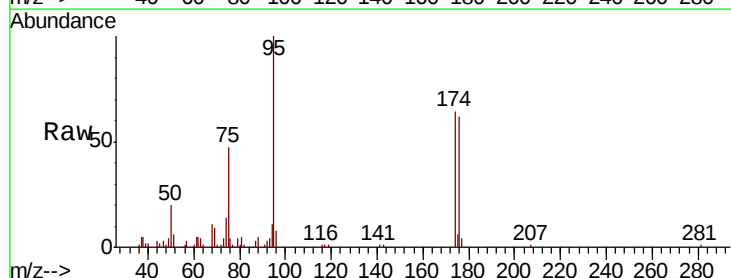
Tgt Ion: 95 Resp: 20094

Ion Ratio Lower Upper

95 100

174 70.8 0.0 145.0

176 68.9 0.0 137.4



Abundance Ion 94.90 (94.60 to 95.60): VY001845.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY001845.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY001845.D (-1756) (-)

12.49

15000

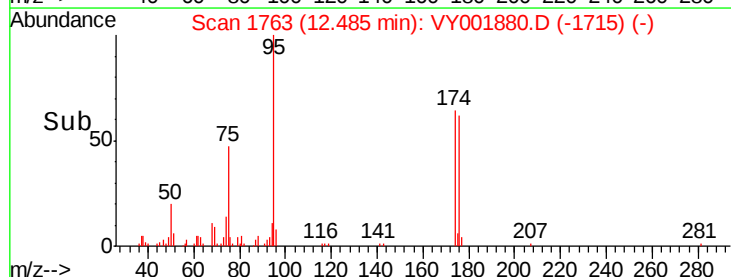
10000

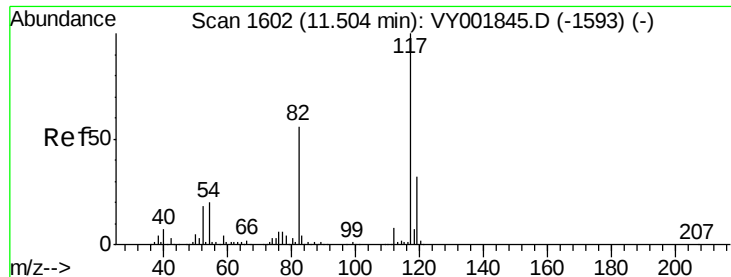
5000

0

Time-->

12.40 12.45 12.50 12.55

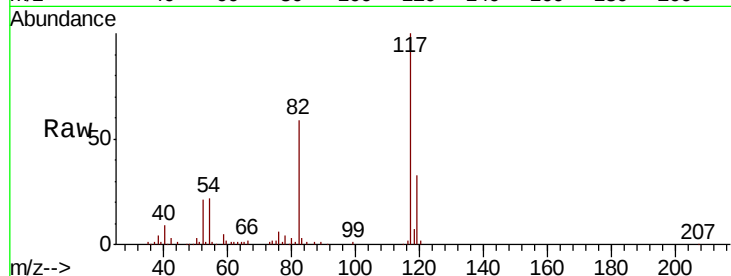




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001880.D
Acq: 05 Mar 2020 14:36

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.0	44.5	66.7
119	33.3	25.7	38.5

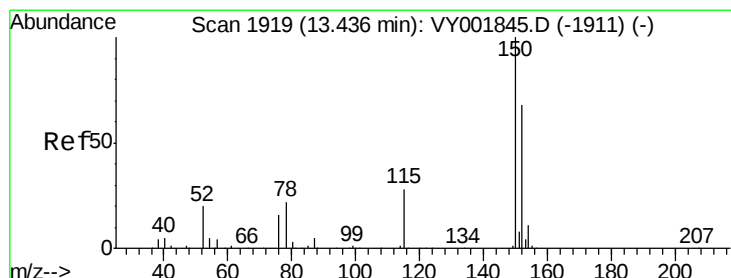
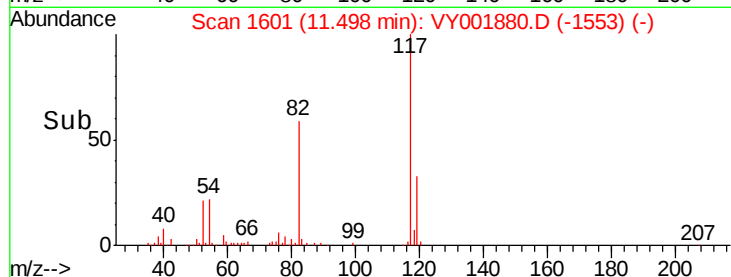
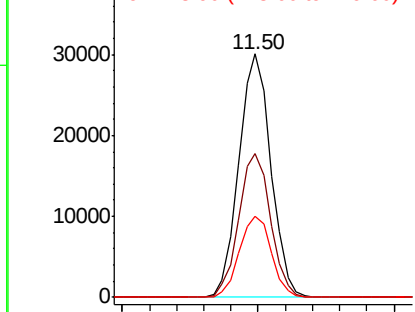


Abundance

Ion 116.90 (116.60 to 117.60): V

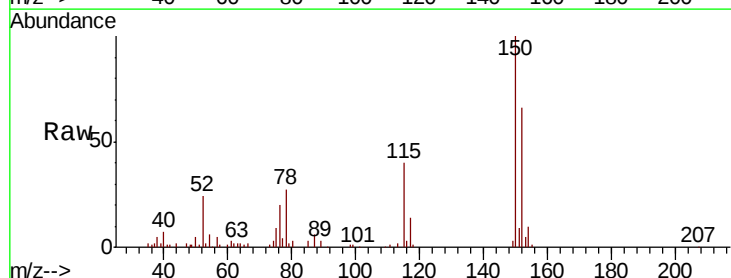
Ion 82.00 (81.70 to 82.70): VY0

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: VY001880.D
Acq: 05 Mar 2020 14:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.8	29.9	89.7
150	158.6	0.0	340.6

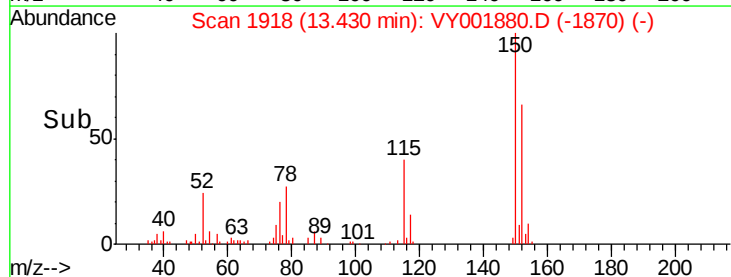
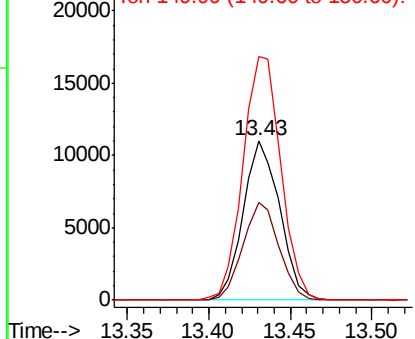


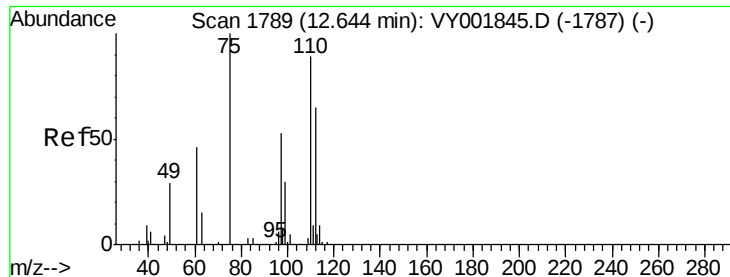
Abundance

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: 49.571 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001880.D

Acq: 05 Mar 2020 14:36

Instrument :

MSVOA_Y

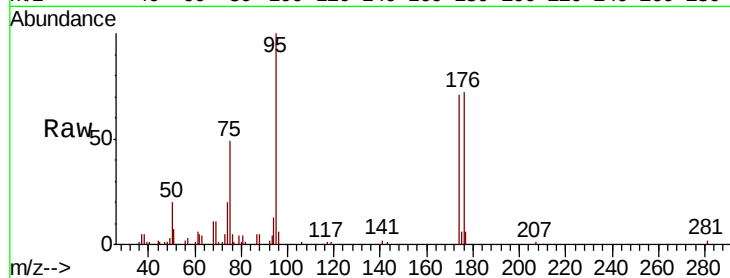
ClientSampleId :

Tot Ion: 75 Resp: 10084

Ion Ratio Lower Upper

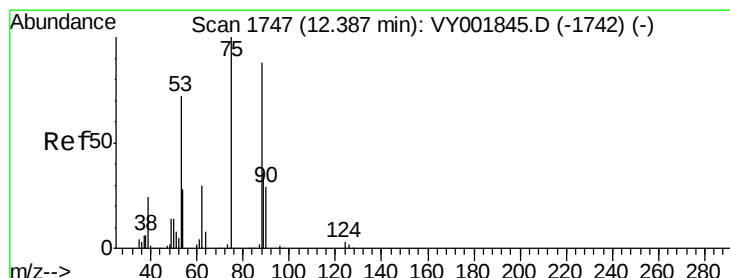
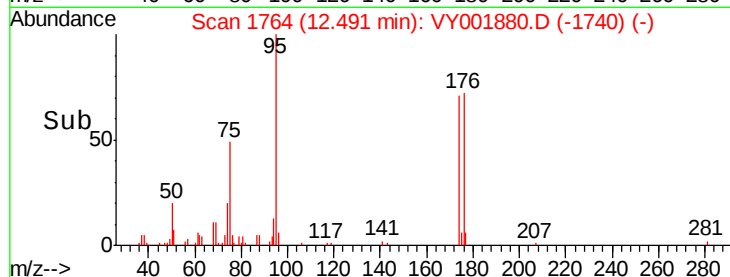
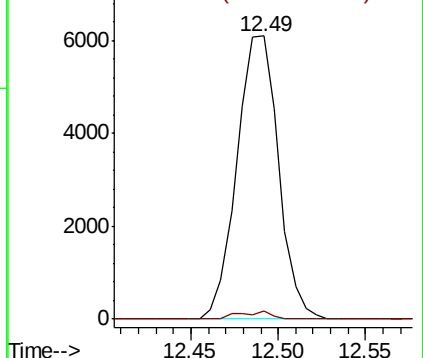
75 100

77 2.1 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: 100.131 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001880.D

Acq: 05 Mar 2020 14:36

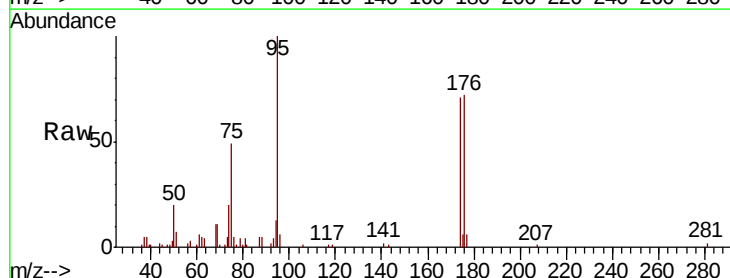
Tgt Ion: 75 Resp: 10084

Ion Ratio Lower Upper

75 100

53 0.0 65.4 98.0#

89 0.0 36.0 54.0#



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

