

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022120\
 Data File : VY001738.D
 Acq On : 21 Feb 2020 13:36
 Operator : SY/MD
 Sample : L1623-03
 Misc : 5.88G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 22 03:42:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

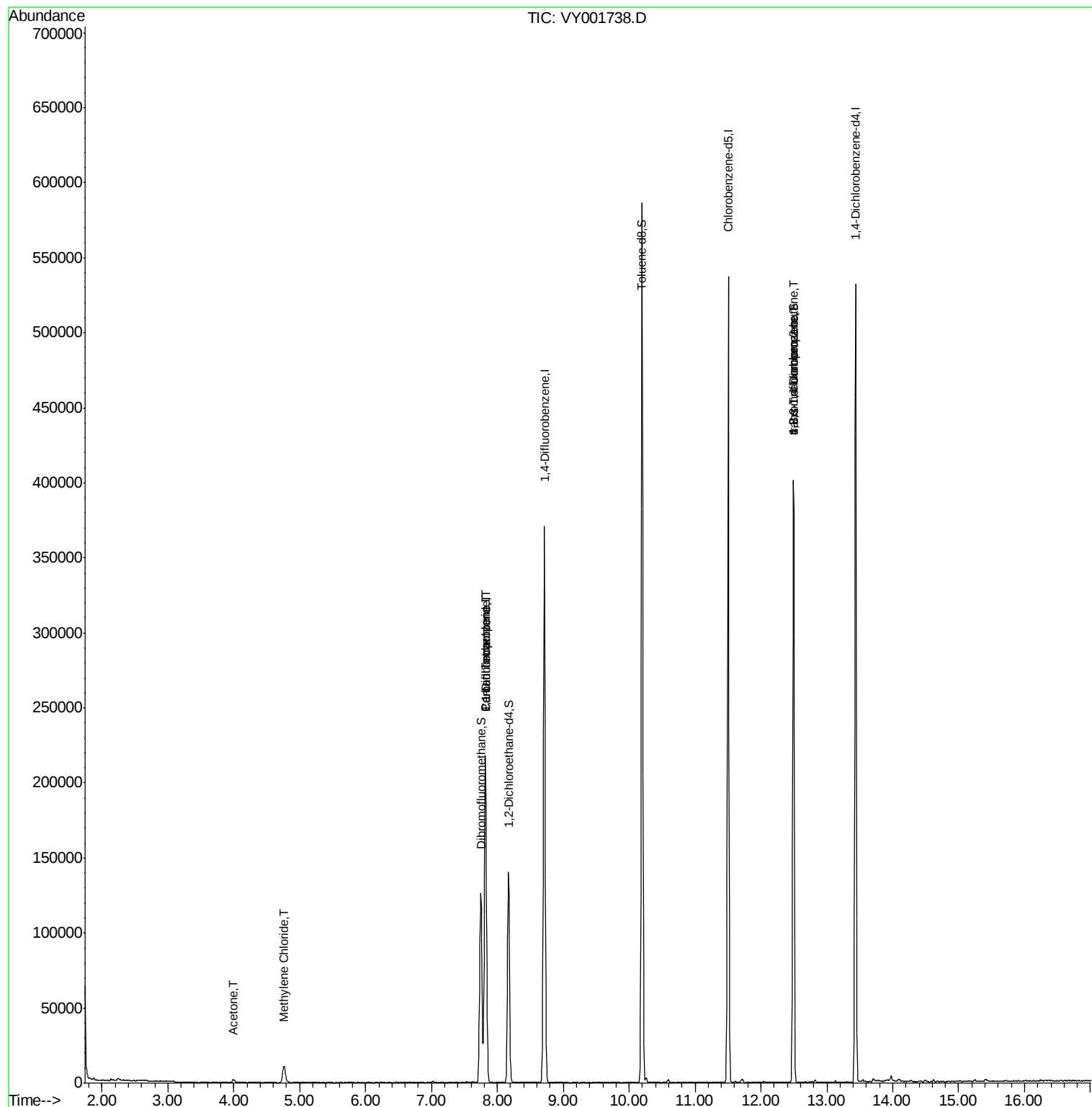
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	165442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	310451	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	279034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	126963	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	102798	57.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.54%	
35) Dibromofluoromethane	7.75	113	90088	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.32%	
50) Toluene-d8	10.19	98	377727	54.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.44%	
62) 4-Bromofluorobenzene	12.49	95	130939	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
Target Compounds						
16) Acetone	3.99	43	3537	5.744	ug/l	94
20) Methylene Chloride	4.75	84	8154	3.728	ug/l	93
36) 1,1-Dichloropropene	7.82	75	14307	4.825	ug/l #	49
38) Carbon Tetrachloride	7.82	117	16719	6.419	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	66920	45.948	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	66920	87.171	ug/l #	17

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001738.D

Acq: 21 Feb 2020 13:36

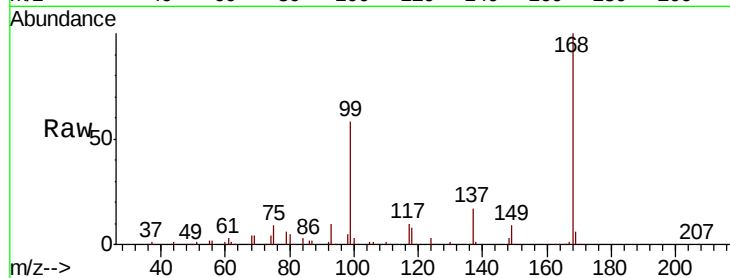
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 165442

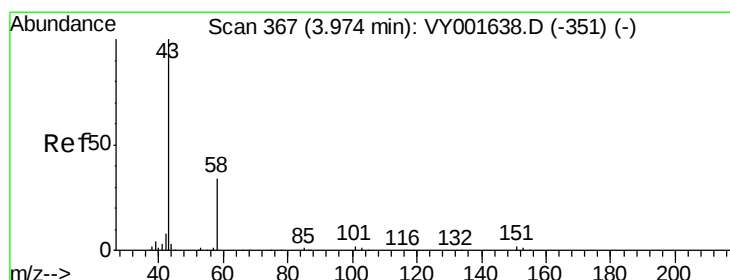
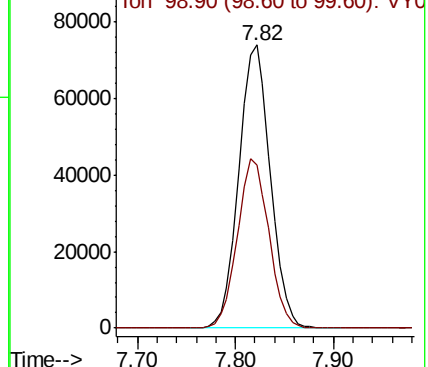
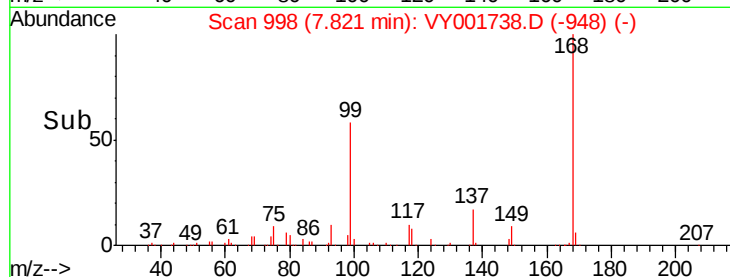
Ion Ratio Lower Upper

168 100

99 57.8 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001738.D (-948) (-)



#16

Acetone

Concen: 5.744 ug/l

RT: 3.99 min Scan# 370

Delta R.T. 0.02 min

Lab File: VY001738.D

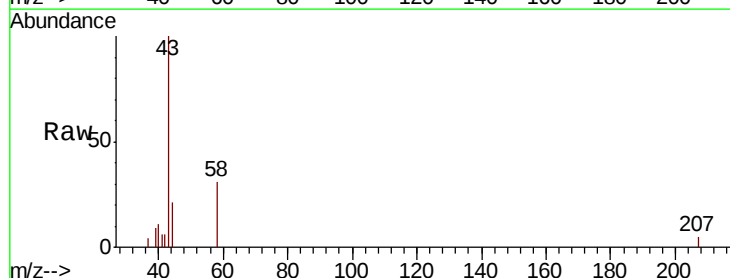
Acq: 21 Feb 2020 13:36

Tgt Ion: 43 Resp: 3537

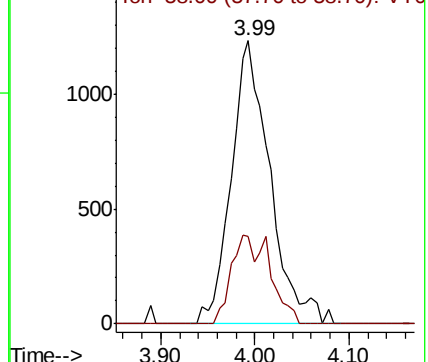
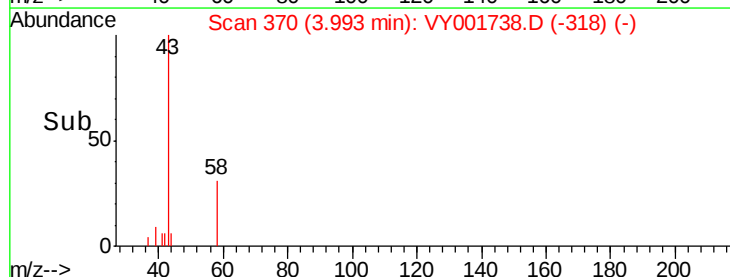
Ion Ratio Lower Upper

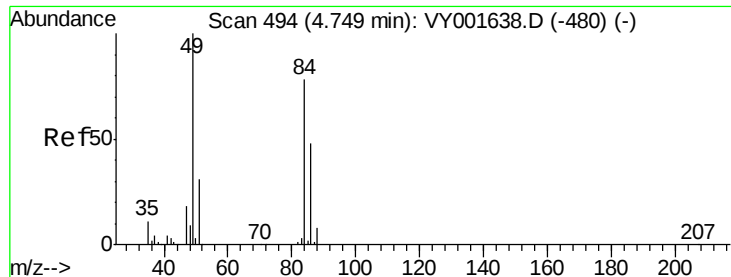
43 100

58 30.9 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VY001738.D (-318) (-)

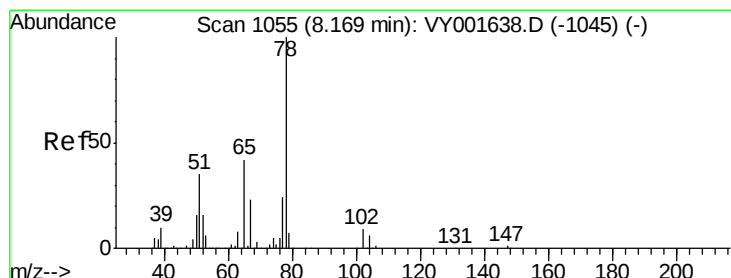
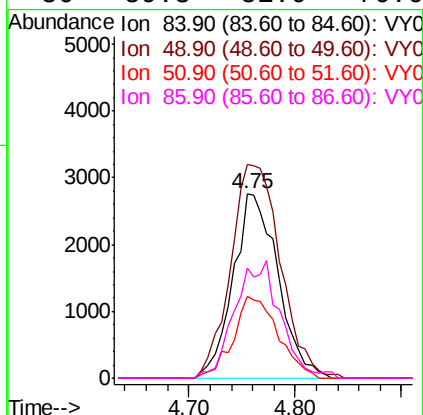
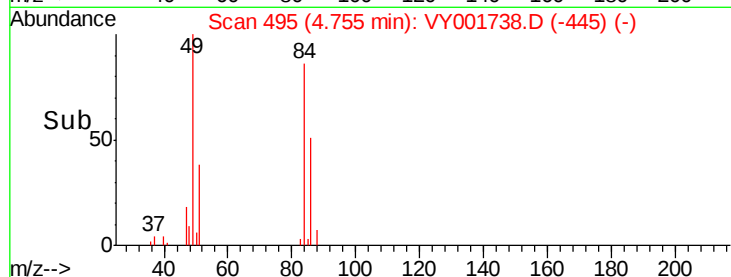
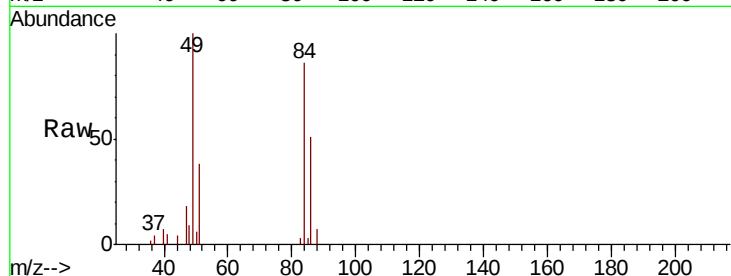




#20
Methvlene Chloride
Concen: 3.728 ug/l
RT: 4.75 min Scan# 495
Delta R.T. 0.01 min
Lab File: VY001738.D
Acq: 21 Feb 2020 13:36

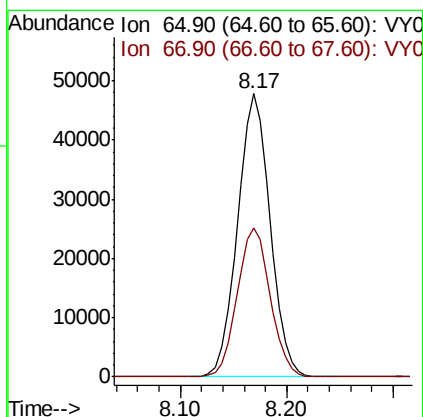
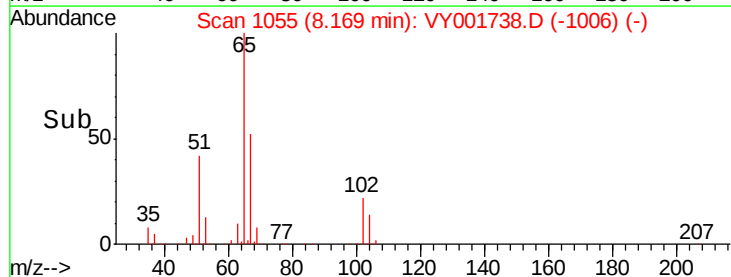
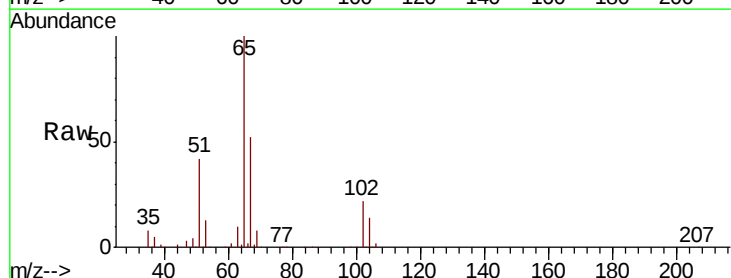
Instrument :
MSVOA_Y
ClientSampleId :

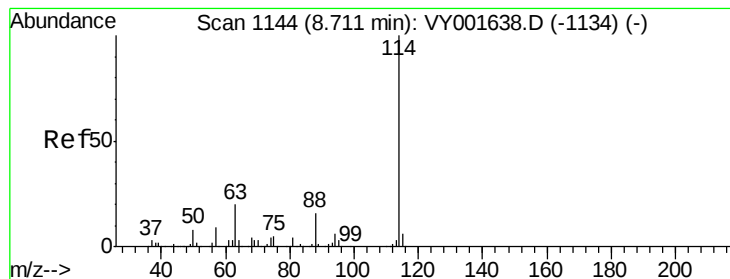
Tot Ion: 84 Resp: 8154
Ion Ratio Lower Upper
84 100
49 115.7 99.2 148.8
51 44.3 31.5 47.3
86 59.3 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 57.766 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001738.D
Acq: 21 Feb 2020 13:36

Tgt Ion: 65 Resp: 102798
Ion Ratio Lower Upper
65 100
67 53.4 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY001738.D

Acq: 21 Feb 2020 13:36

Instrument :

MSVOA_Y

ClientSampleId :

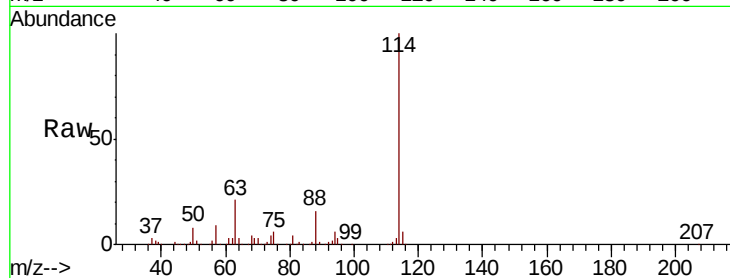
Tot Ion:114 Resp: 310451

Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.4

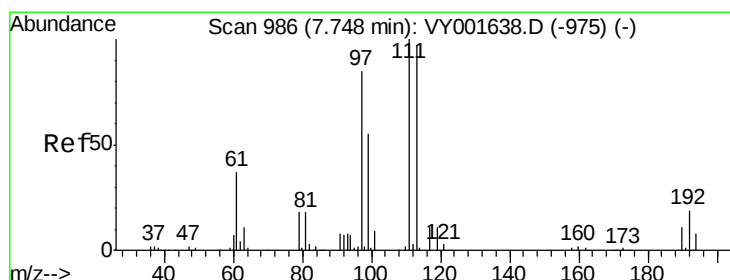
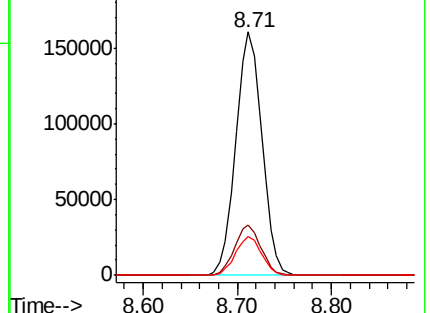
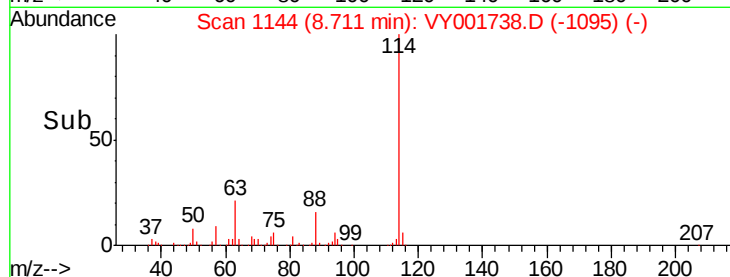
88 16.0 0.0 32.8



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: 50.665 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.00 min

Lab File: VY001738.D

Acq: 21 Feb 2020 13:36

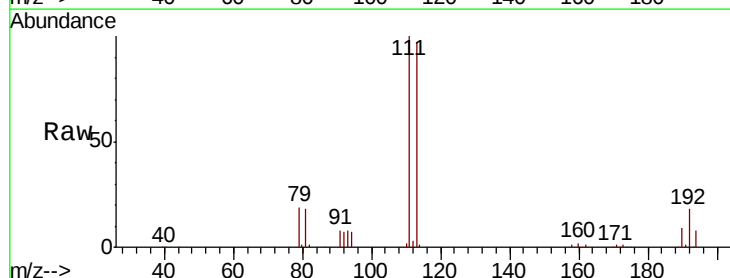
Tgt Ion:113 Resp: 90088

Ion Ratio Lower Upper

113 100

111 103.8 81.9 122.9

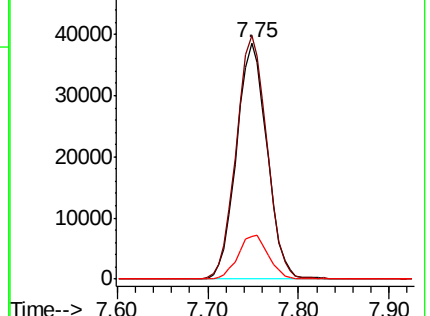
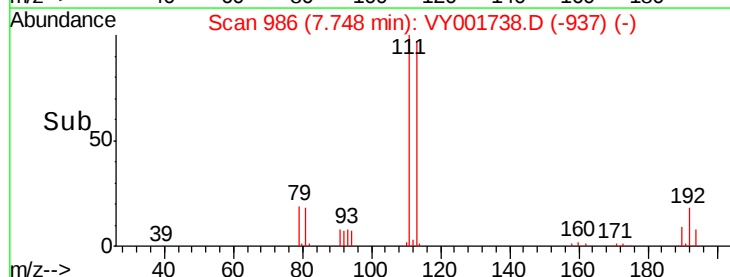
192 18.4 14.3 21.5

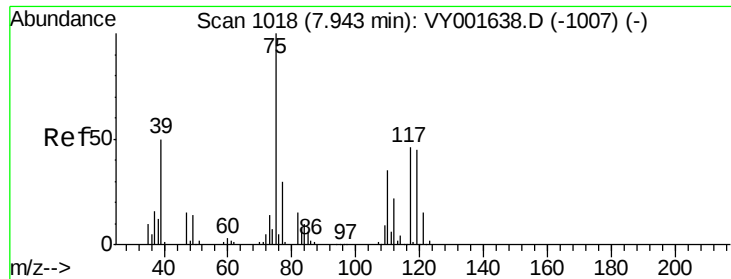


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

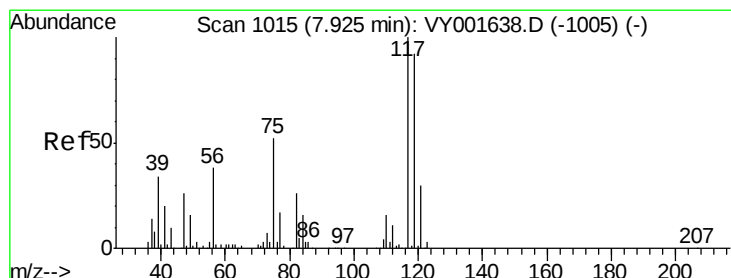
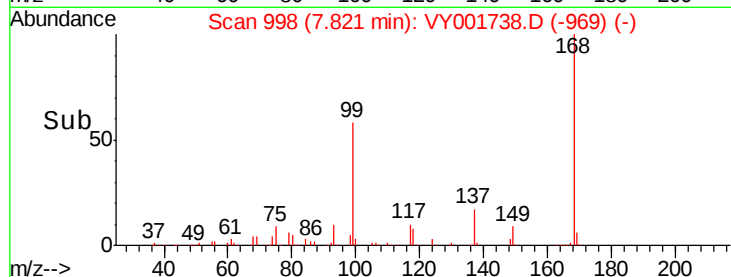
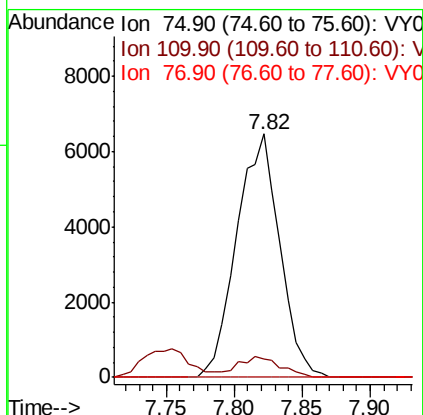
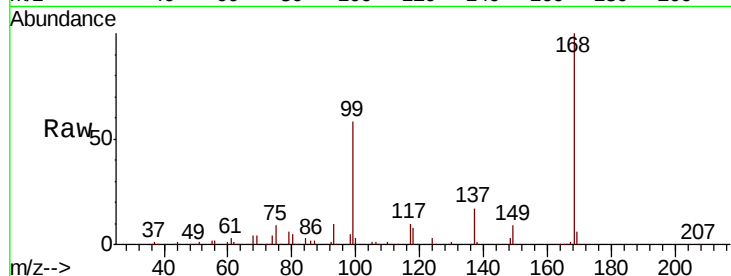




#36
 1,1-Dichloropropene
 Concen: 4.825 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.12 min
 Lab File: VY001738.D
 Acq: 21 Feb 2020 13:36

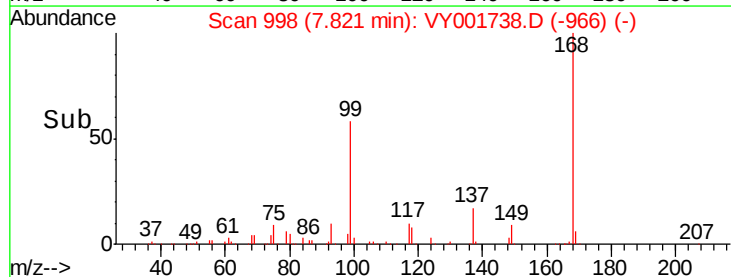
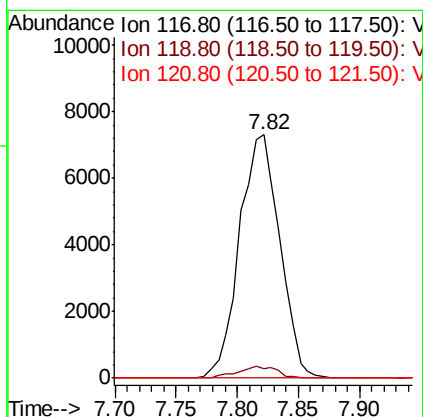
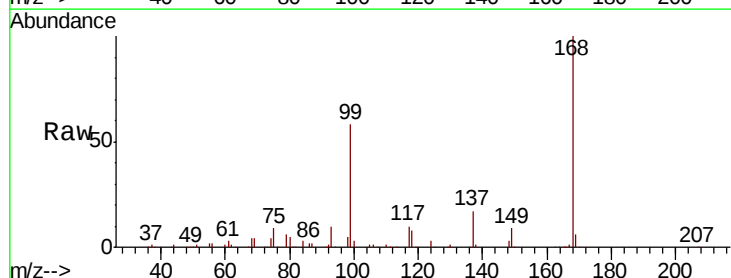
Instrument :
 MSVOA_Y
 ClientSampleId :

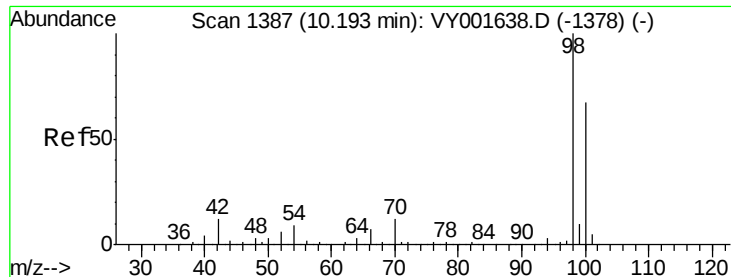
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.1	17.2	51.6#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.419 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.10 min
 Lab File: VY001738.D
 Acq: 21 Feb 2020 13:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.7	74.8	112.2#
121	0.0	23.8	35.6#





#50

Toluene-d8

Concen: 54.223 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001738.D

Acq: 21 Feb 2020 13:36

Instrument :

MSVOA_Y

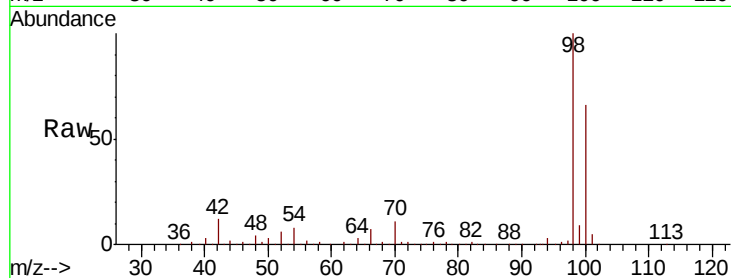
ClientSampled :

Tot Ion: 98 Resp: 377727

Ion Ratio Lower Upper

98 100

100 65.7 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.19

250000

200000

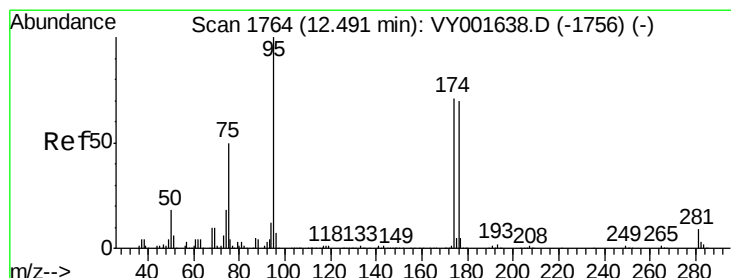
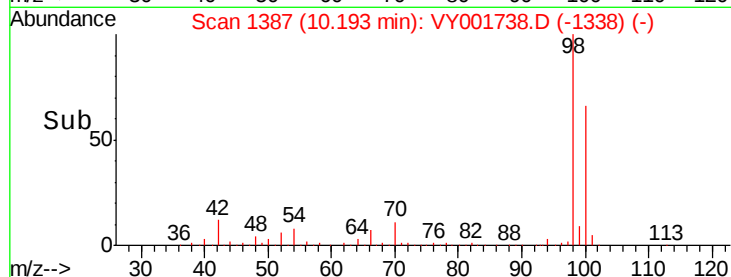
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.383 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001738.D

Acq: 21 Feb 2020 13:36

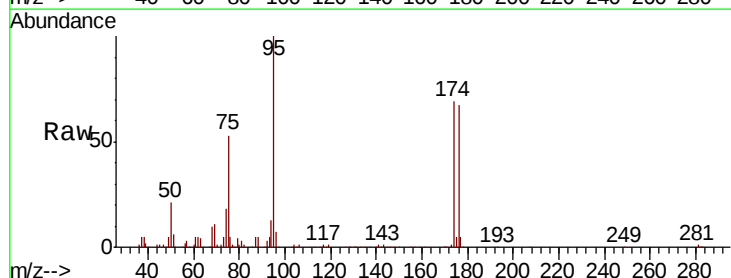
Tgt Ion: 95 Resp: 130939

Ion Ratio Lower Upper

95 100

174 71.9 0.0 138.4

176 68.7 0.0 131.8



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

100000

80000

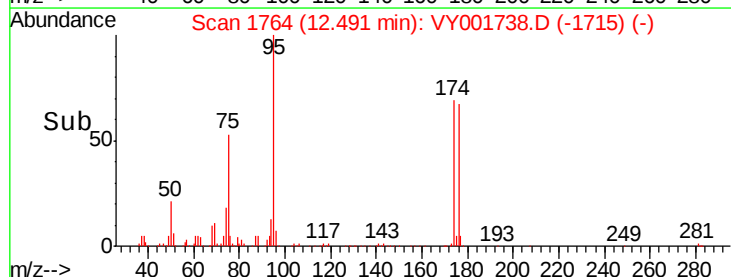
60000

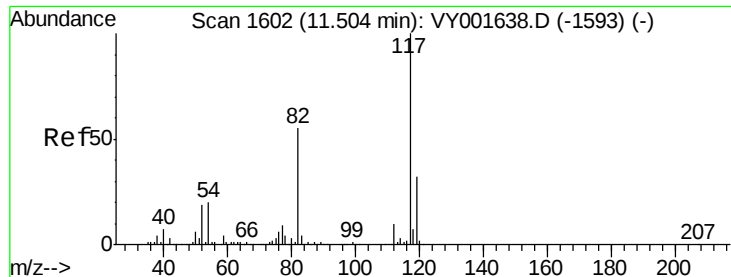
40000

20000

0

Time-->

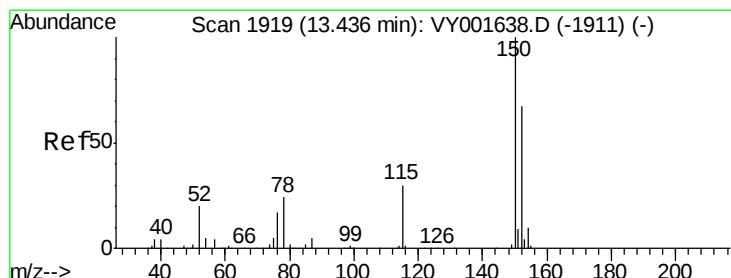
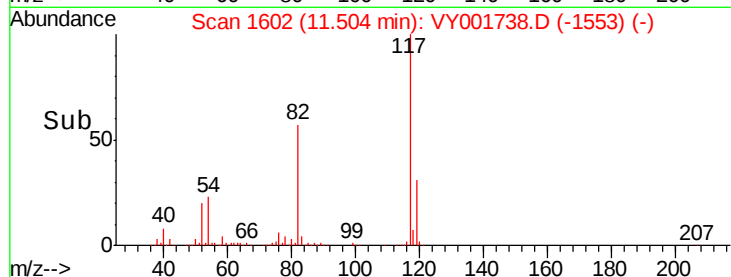
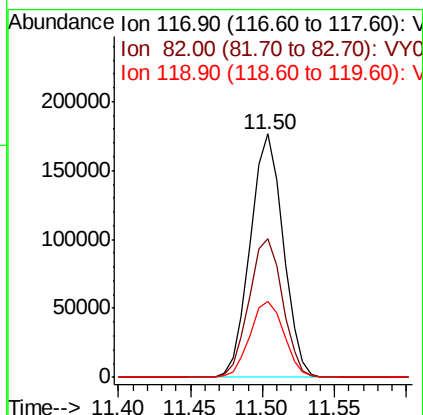
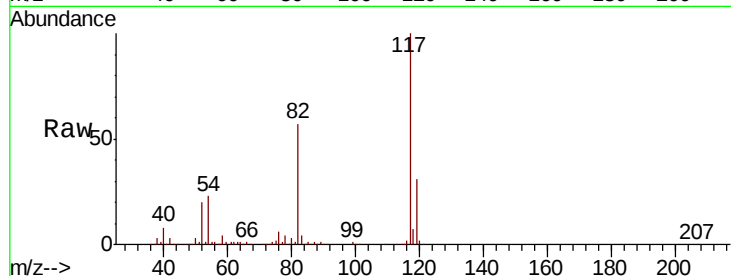




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001738.D
Acq: 21 Feb 2020 13:36

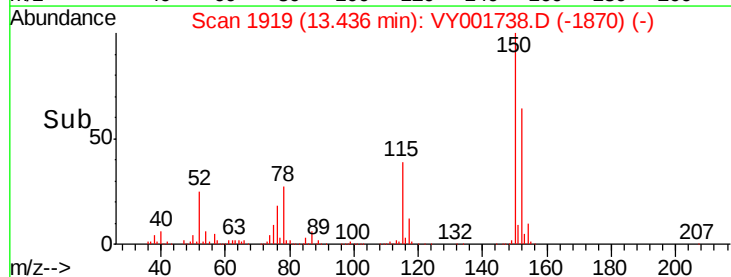
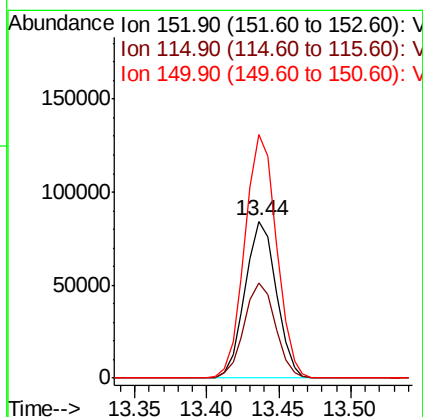
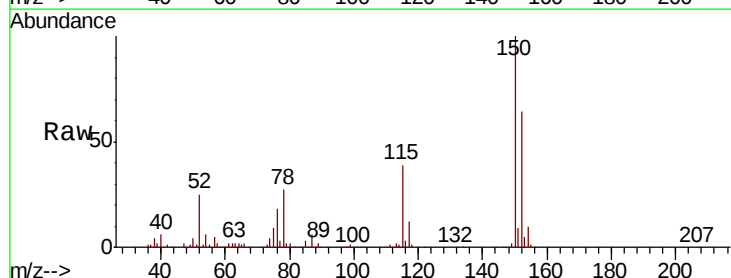
Instrument :
MSVOA_Y
ClientSampleId :

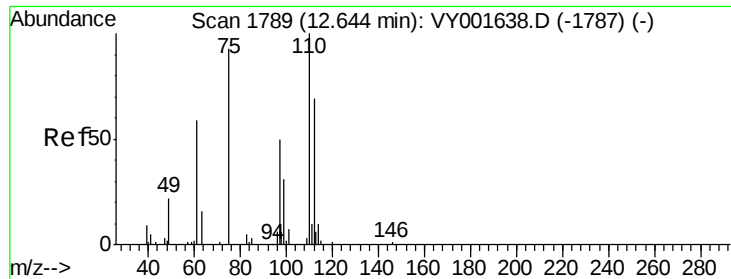
Tot Ion:117 Resp: 279034
Ion Ratio Lower Upper
117 100
82 57.1 45.5 68.3
119 31.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001738.D
Acq: 21 Feb 2020 13:36

Tgt Ion:152 Resp: 126963
Ion Ratio Lower Upper
152 100
115 60.8 31.4 94.2
150 157.2 0.0 407.2





#76

1,2,3-Trichloropropane

Concen: 45.948 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001738.D

Acq: 21 Feb 2020 13:36

Instrument :

MSVOA_Y

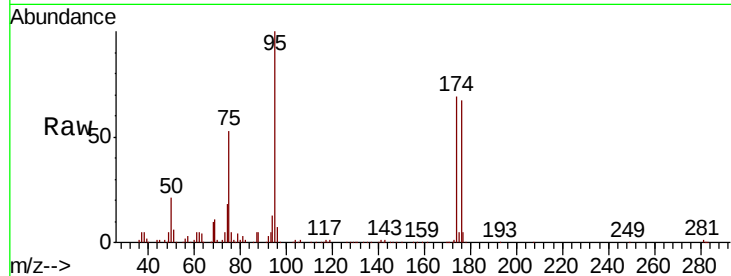
ClientSampleId :

Tot Ion: 75 Resp: 66920

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

12.49

50000

40000

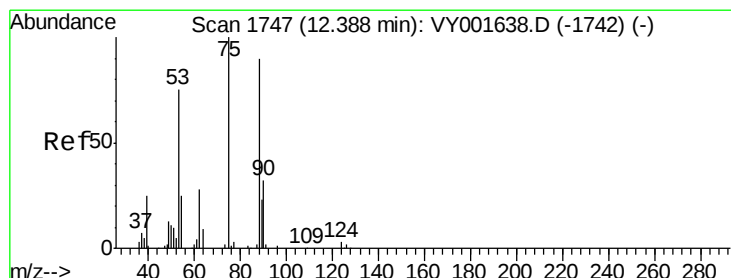
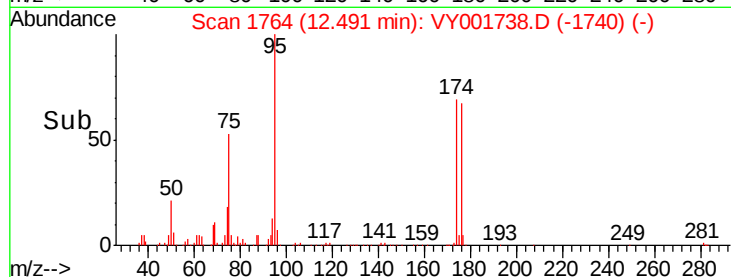
30000

20000

10000

0

Time--> 12.40 12.45 12.50 12.55



#81

trans-1,4-Dichloro-2-butene

Concen: 87.171 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001738.D

Acq: 21 Feb 2020 13:36

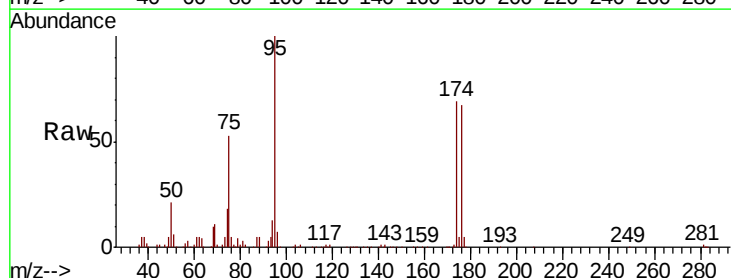
Tgt Ion: 75 Resp: 66920

Ion Ratio Lower Upper

75 100

53 0.0 64.5 96.7#

89 0.0 36.3 54.5#



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

60000

50000

40000

30000

20000

10000

0

Time--> 12.40 12.45 12.50 12.55

