

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022120\
 Data File : VY001739.D
 Acq On : 21 Feb 2020 13:58
 Operator : SY/MD
 Sample : L1623-04
 Misc : 5.20G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 22 03:42:47 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

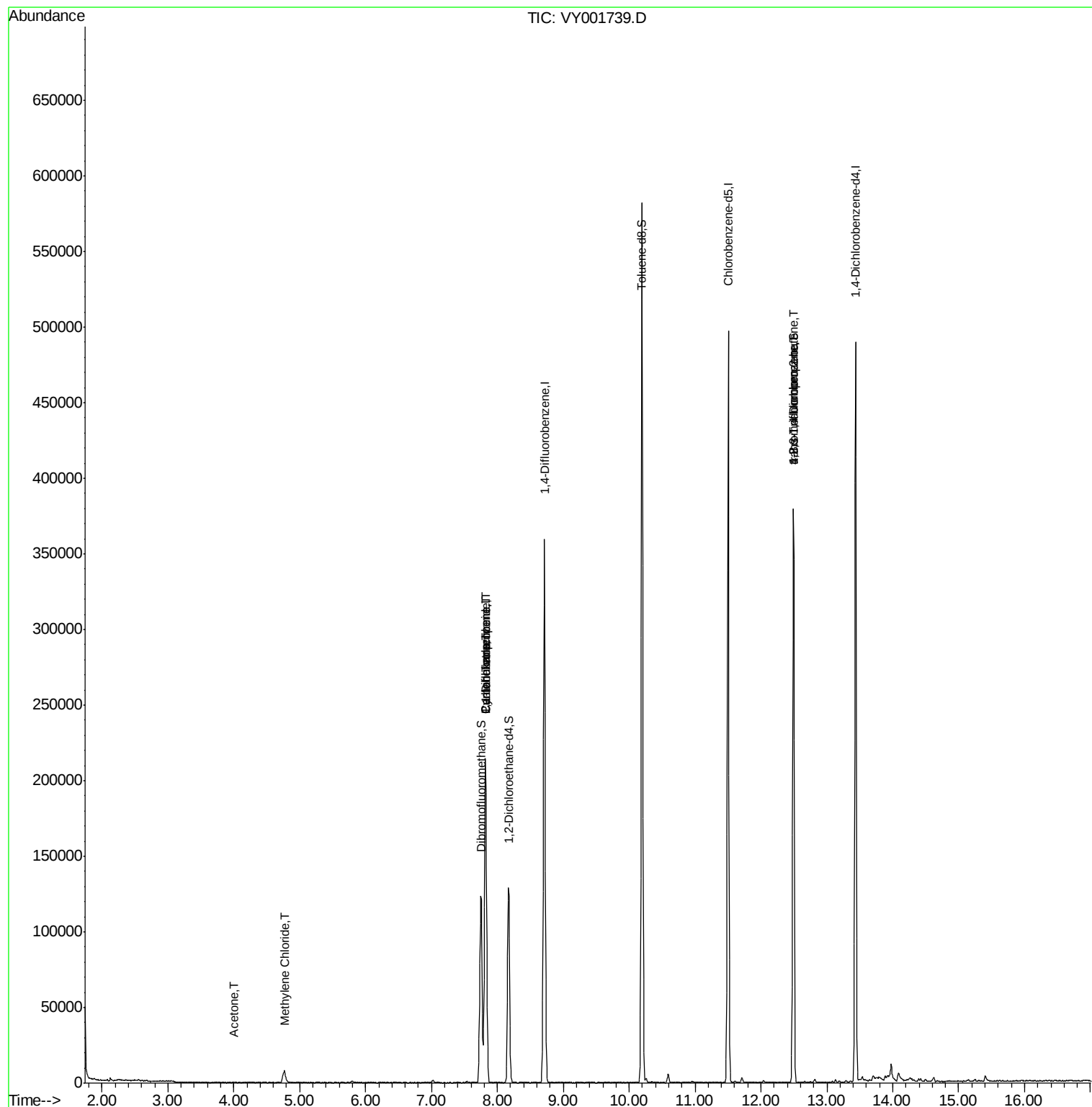
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	162456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	306182	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	269129	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	115311	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	97959	56.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.12%	
35) Dibromofluoromethane	7.75	113	88840	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.32%	
50) Toluene-d8	10.19	98	368202	53.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.18%	
62) 4-Bromofluorobenzene	12.49	95	122008	45.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.42%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.01	59	21	Below Cal	#	74
16) Acetone	3.99	43	1071	1.771	ug/l	98
20) Methylene Chloride	4.77	84	5809	2.705	ug/l	97
31) Cyclohexane	7.82	56	3876	1.056	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	14038	4.800	ug/l #	51
38) Carbon Tetrachloride	7.82	117	16946	6.597	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	62659	47.370	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	62659	89.868	ug/l #	17

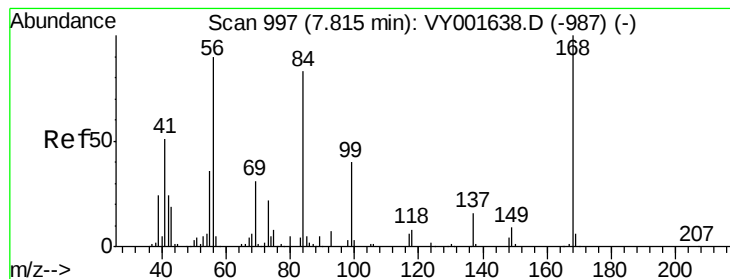
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001739.D

Acq: 21 Feb 2020 13:58

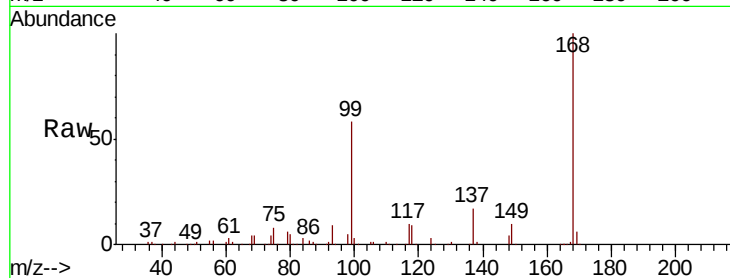
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 162456

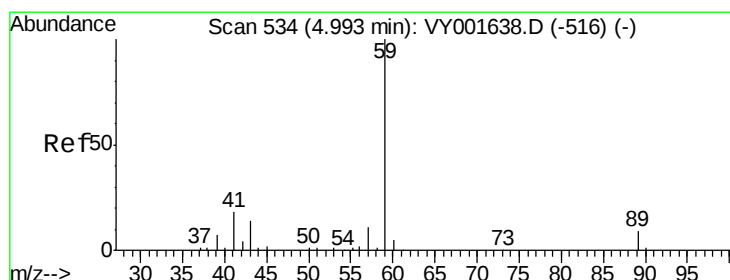
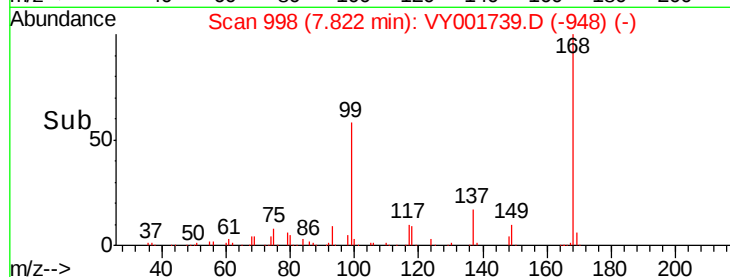
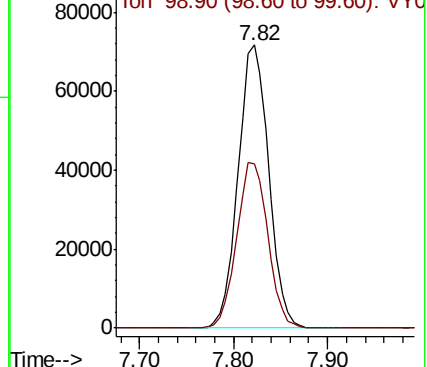
Ion Ratio Lower Upper

168 100

99 58.2 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001739.D (-948) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.01 min Scan# 537

Delta R.T. 0.02 min

Lab File: VY001739.D

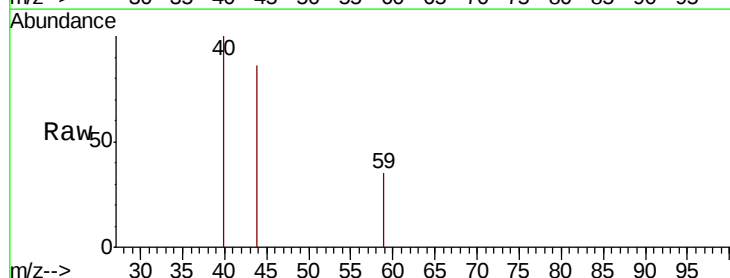
Acq: 21 Feb 2020 13:58

Tgt Ion: 59 Resp: 21

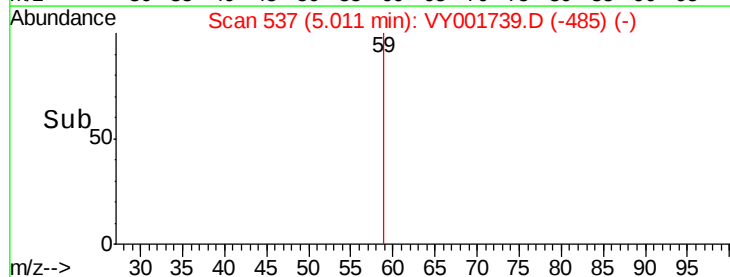
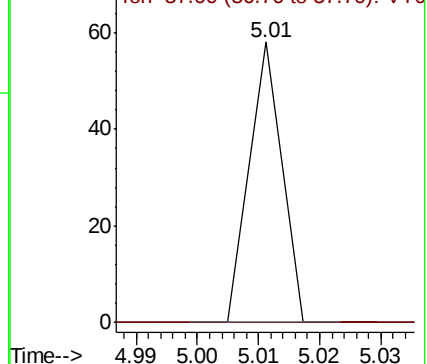
Ion Ratio Lower Upper

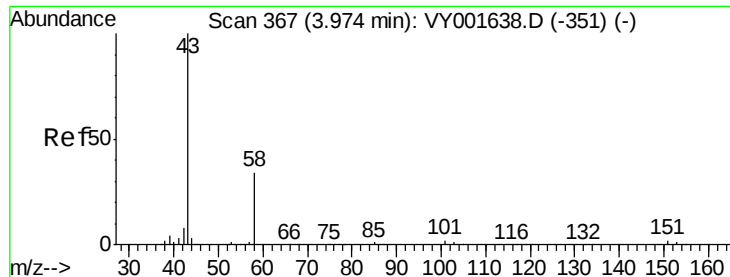
59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001739.D (-485) (-)





#16

Acetone

Concen: 1.771 ug/l

RT: 3.99 min Scan# 370

Delta R.T. 0.02 min

Lab File: VY001739.D

Acq: 21 Feb 2020 13:58

Instrument :

MSVOA_Y

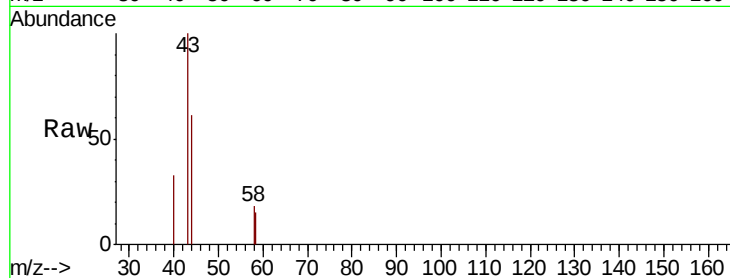
ClientSampleId :

Tot Ion: 43 Resp: 1071

Ion Ratio Lower Upper

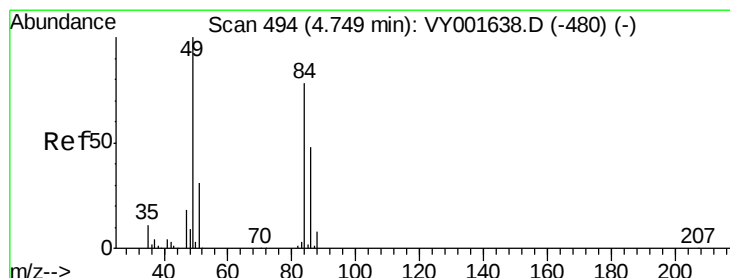
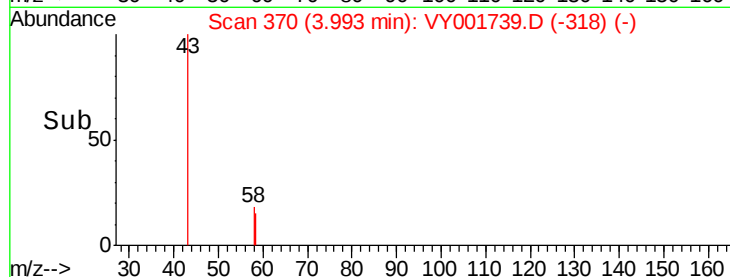
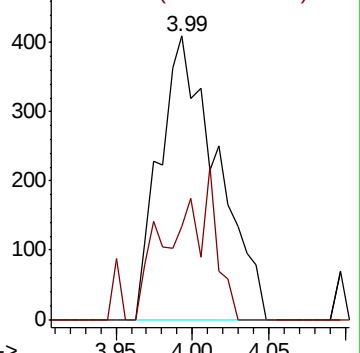
43 100

58 33.0 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#20

Methylene Chloride

Concen: 2.705 ug/l

RT: 4.77 min Scan# 497

Delta R.T. 0.02 min

Lab File: VY001739.D

Acq: 21 Feb 2020 13:58

Tgt Ion: 84 Resp: 5809

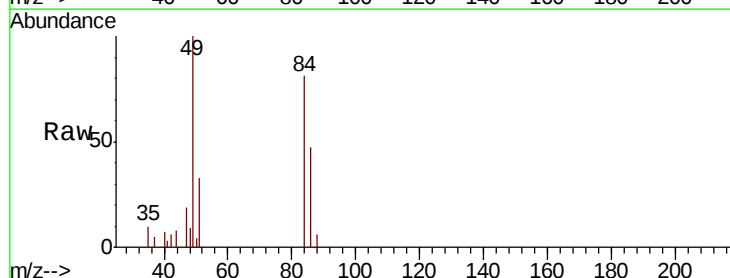
Ion Ratio Lower Upper

84 100

49 122.8 99.2 148.8

51 40.3 31.5 47.3

86 57.2 51.0 76.6

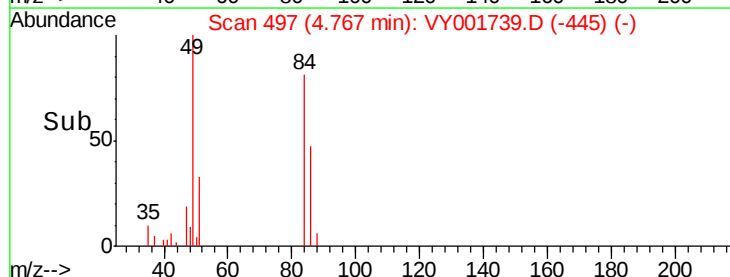
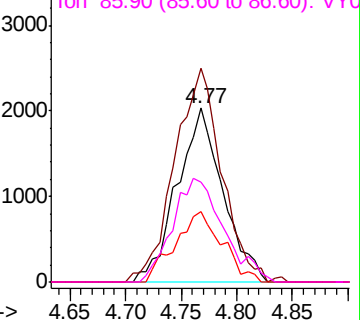


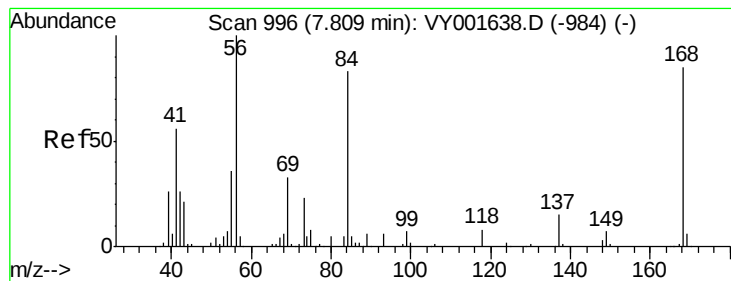
Abundance Ion 83.90 (83.60 to 84.60): VY0

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: 1.056 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001739.D

Acq: 21 Feb 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

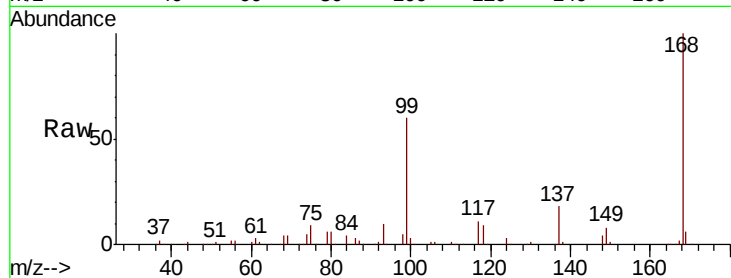
Tot Ion: 56 Resp: 3876

Ion Ratio Lower Upper

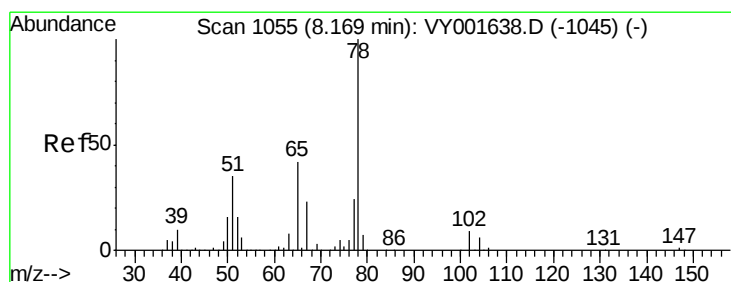
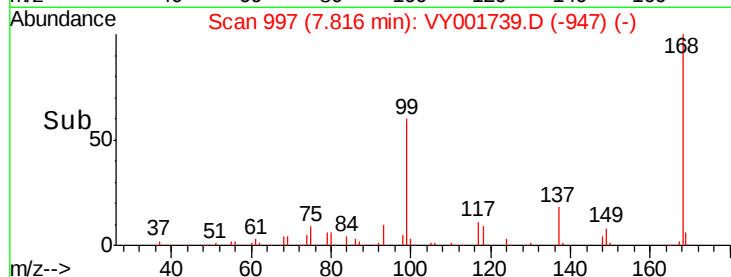
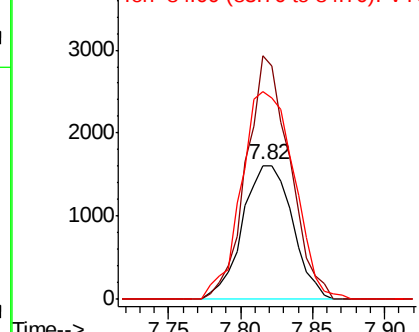
56 100

69 181.7 25.1 37.7#

84 155.0 66.9 100.3#



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: 56.058 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY001739.D

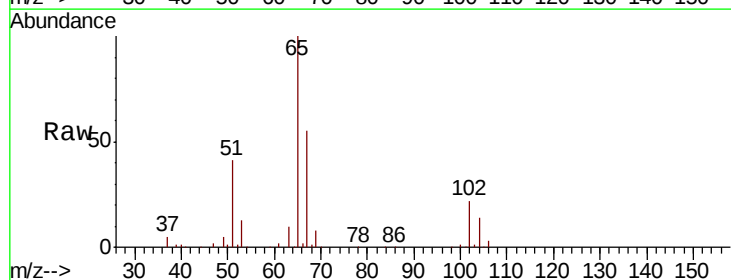
Acq: 21 Feb 2020 13:58

Tgt Ion: 65 Resp: 97959

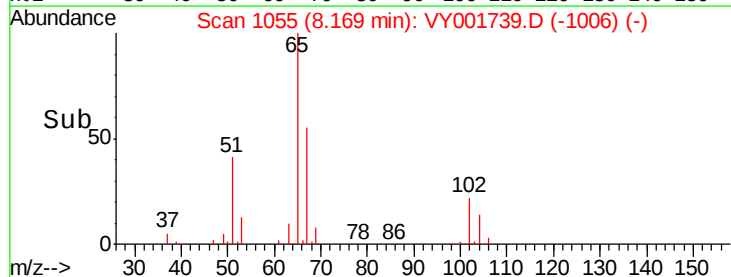
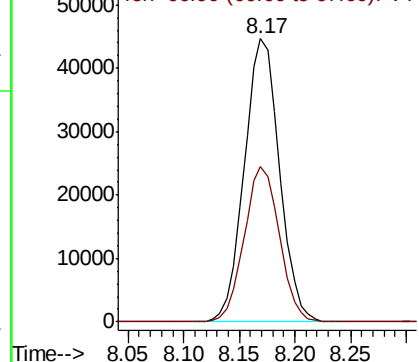
Ion Ratio Lower Upper

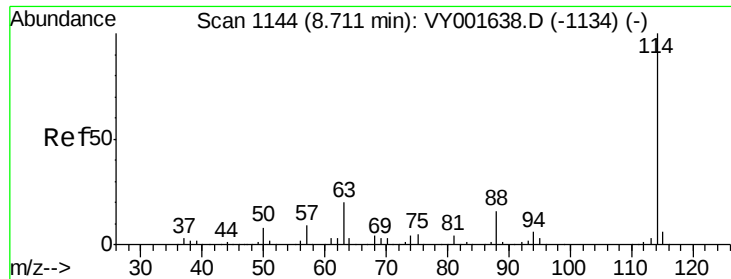
65 100

67 55.0 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

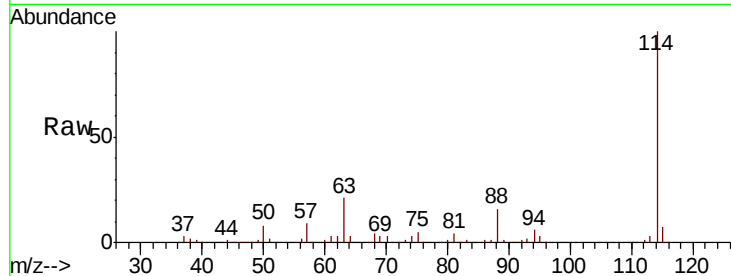




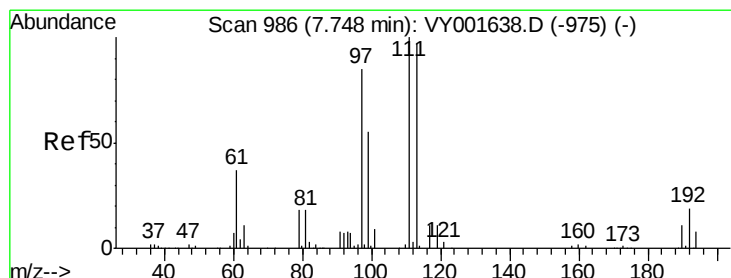
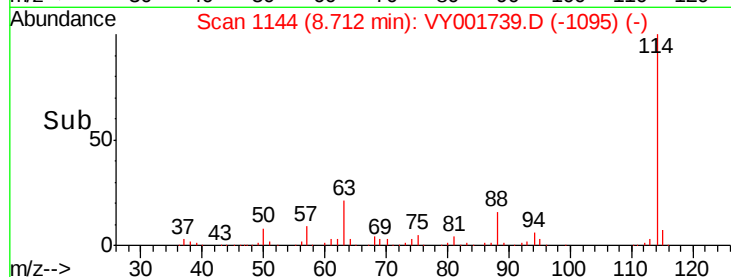
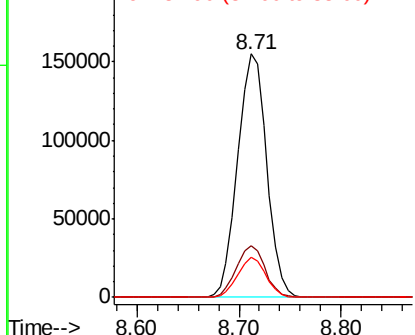
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY001739.D
 Acq: 21 Feb 2020 13:58

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:114 Resp: 306182
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 41.4
 88 16.3 0.0 32.8

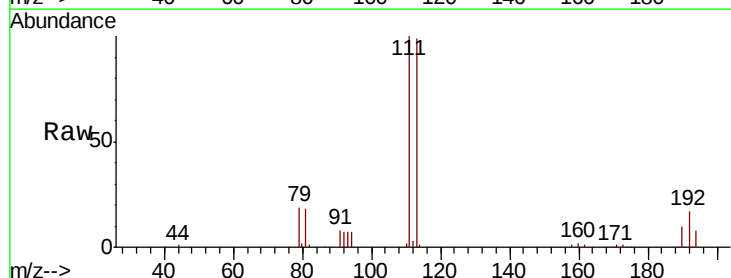


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

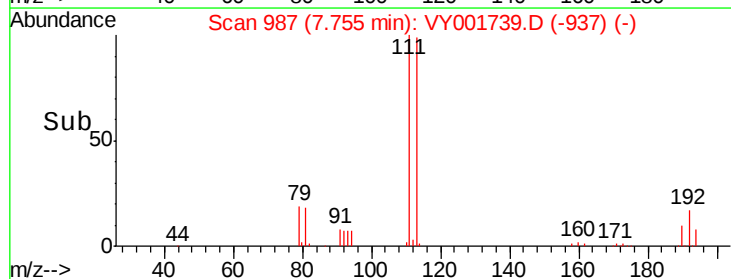
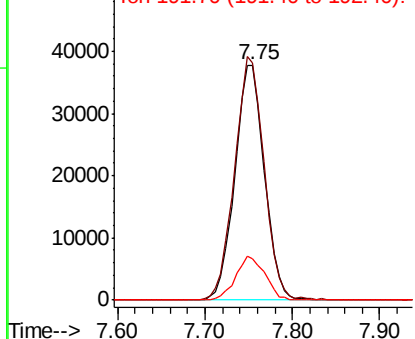


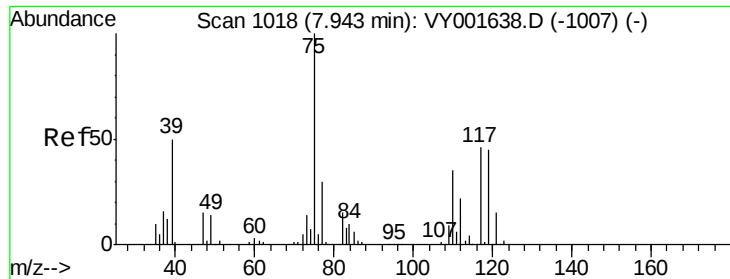
#35
 Dibromofluoromethane
 Concen: 50.659 ug/l
 RT: 7.75 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: VY001739.D
 Acq: 21 Feb 2020 13:58

Tgt Ion:113 Resp: 88840
 Ion Ratio Lower Upper
 113 100
 111 103.0 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

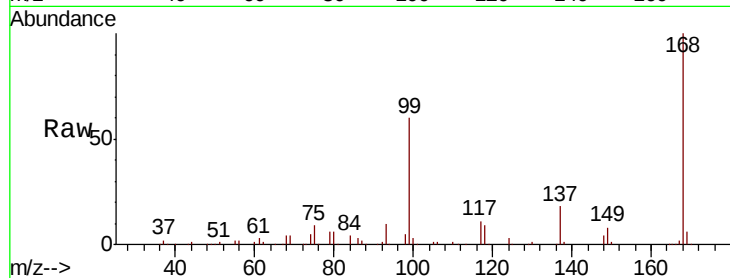




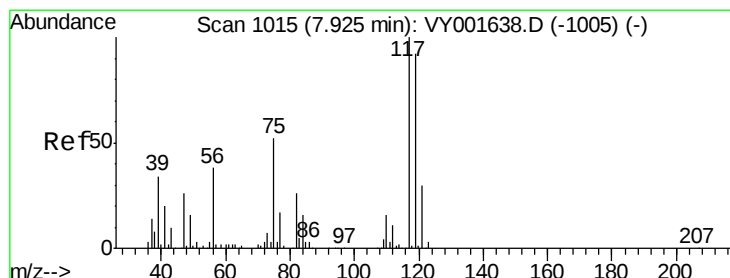
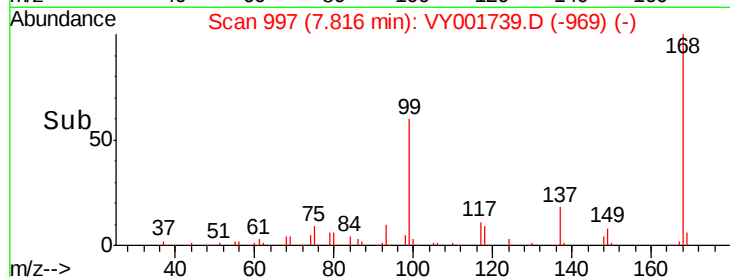
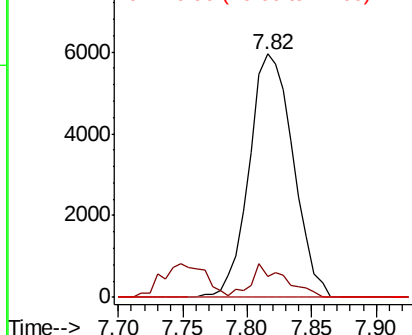
#36
 1,1-Dichloropropene
 Concen: 4.800 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.13 min
 Lab File: VY001739.D
 Acq: 21 Feb 2020 13:58

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	75	Resp	14038
Ion Ratio	100	Lower	Upper
75	100		
110	10.5	17.2	51.6#
77	0.0	24.8	37.2#

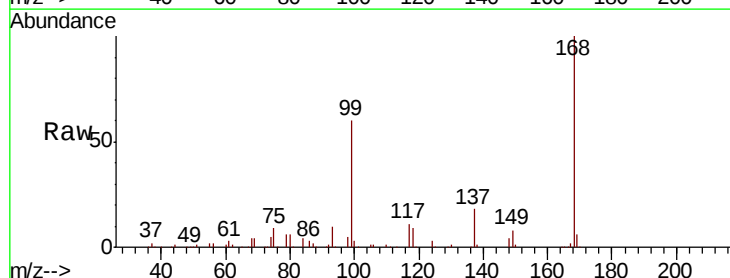


Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): VY0
 Ion 76.90 (76.60 to 77.60): VY0

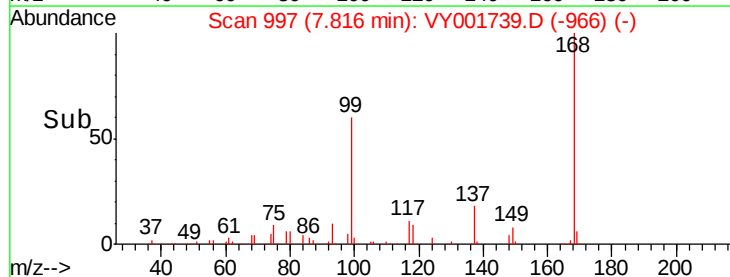
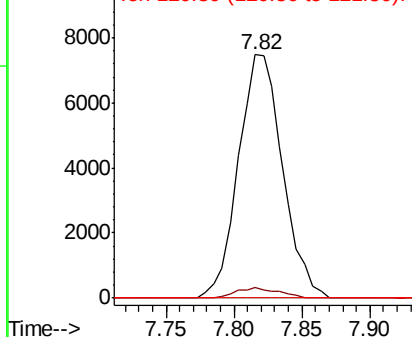


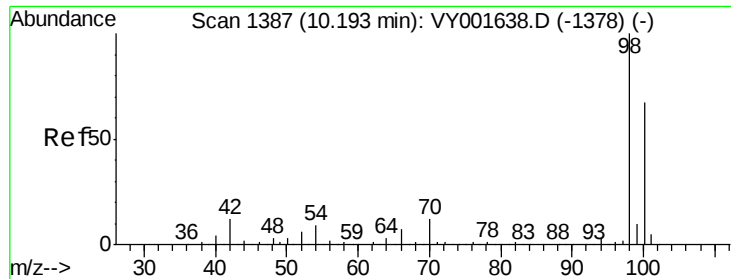
#38
 Carbon Tetrachloride
 Concen: 6.597 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.11 min
 Lab File: VY001739.D
 Acq: 21 Feb 2020 13:58

Tgt Ion	117	Resp	16946
Ion Ratio	100	Lower	Upper
117	100		
119	4.2	74.8	112.2#
121	0.0	23.8	35.6#



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: 53.593 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001739.D

Acq: 21 Feb 2020 13:58

Instrument :

MSVOA_Y

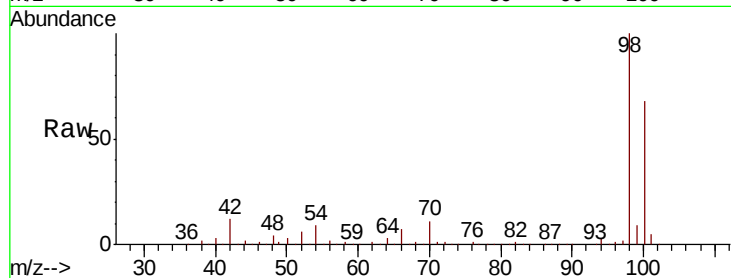
ClientSampleId :

Tot Ion: 98 Resp: 368202

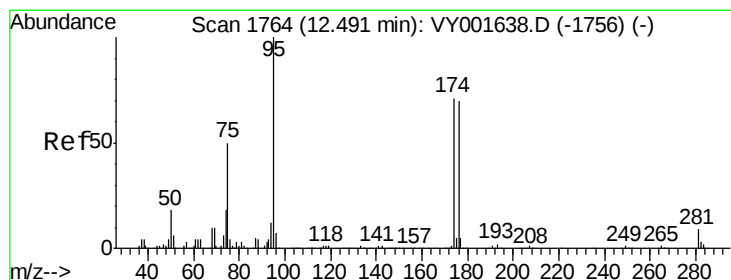
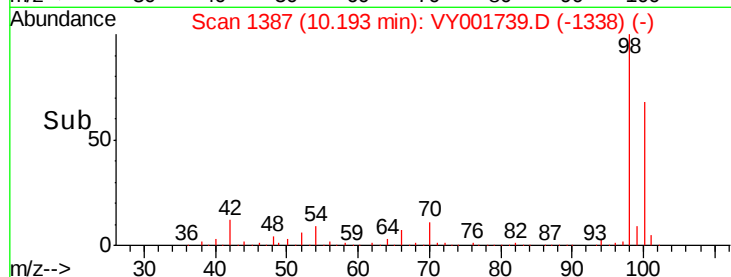
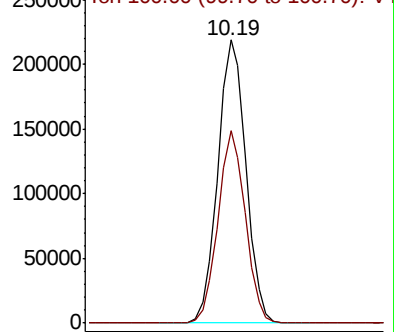
Ion Ratio Lower Upper

98 100

100 66.1 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001638.D (-1378) (-)



#62

4-Bromofluorobenzene

Concen: 45.712 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001739.D

Acq: 21 Feb 2020 13:58

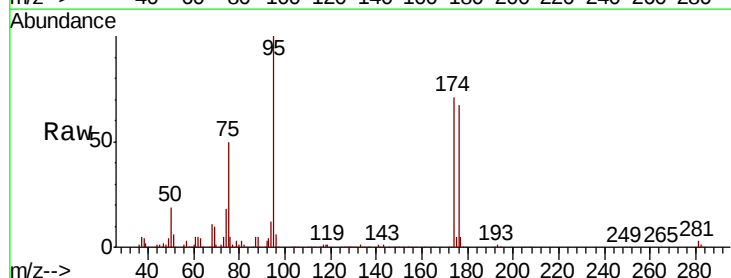
Tgt Ion: 95 Resp: 122008

Ion Ratio Lower Upper

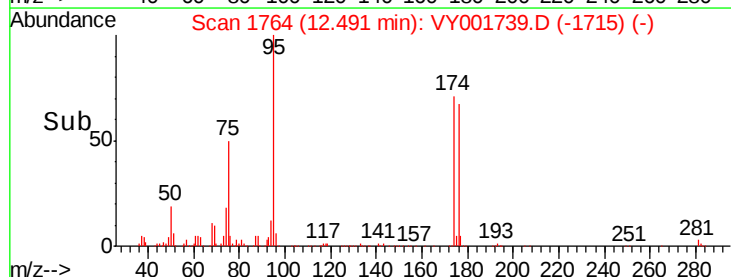
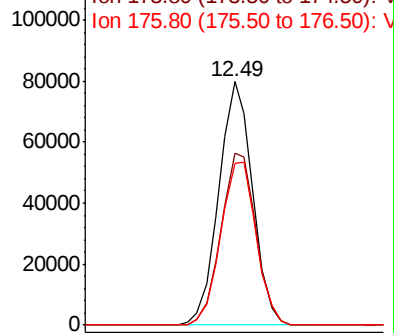
95 100

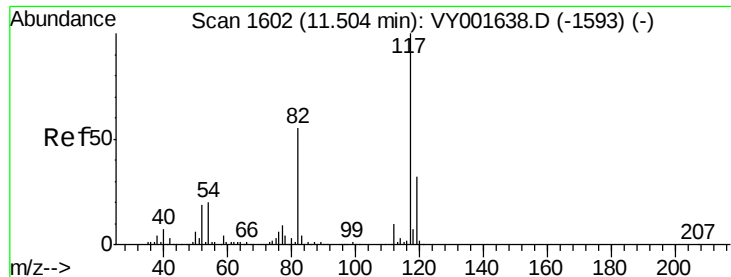
174 73.2 0.0 138.4

176 70.6 0.0 131.8



Abundance Ion 94.90 (94.60 to 95.60): VY001638.D (-1756) (-)

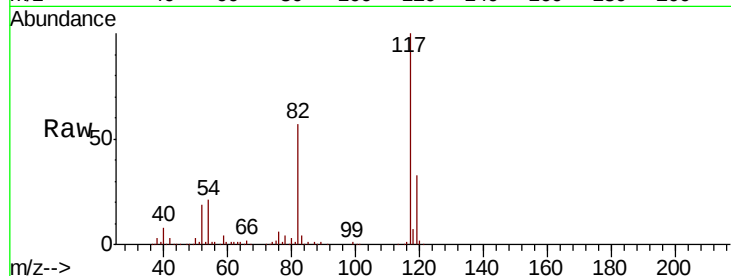




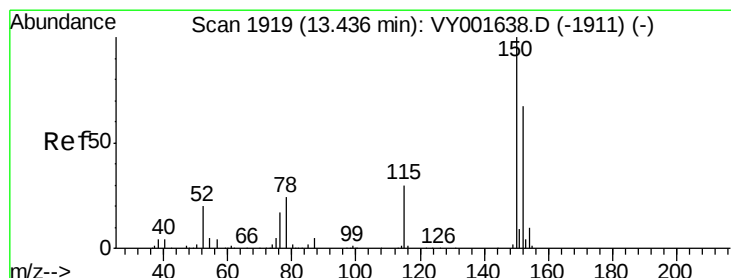
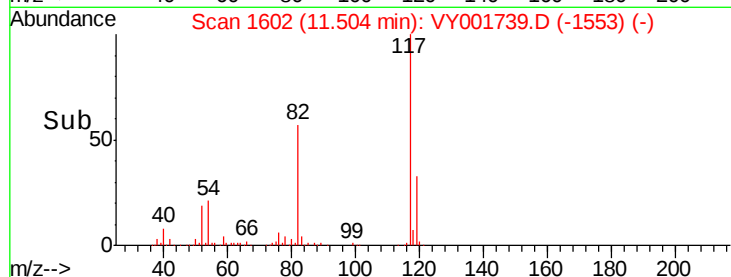
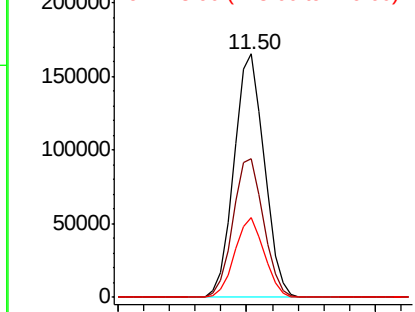
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001739.D
Acq: 21 Feb 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	45.5	68.3
119	32.6	25.8	38.6

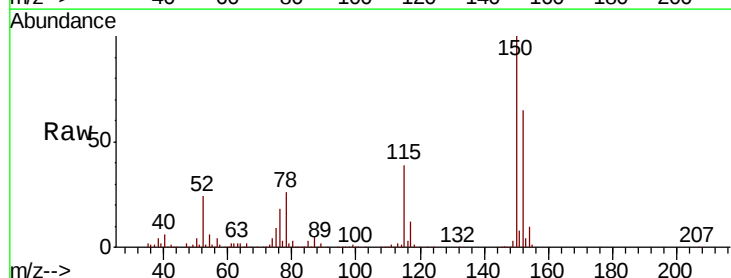


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

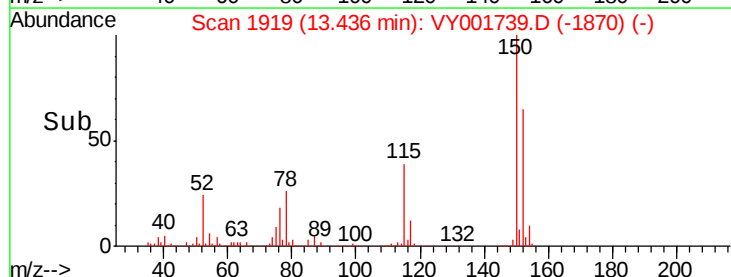
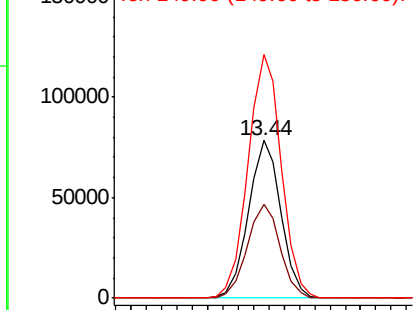


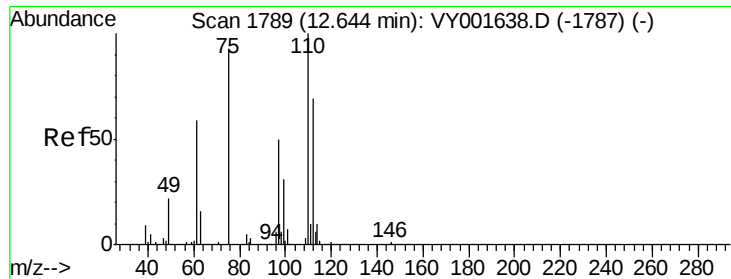
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001739.D
Acq: 21 Feb 2020 13:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.6	31.4	94.2
150	158.4	0.0	407.2



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: 47.370 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001739.D

Acq: 21 Feb 2020 13:58

Instrument :

MSVOA_Y

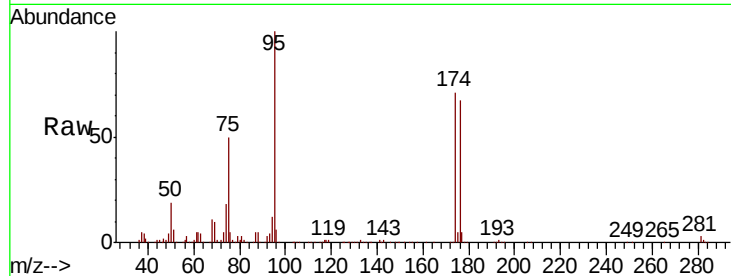
ClientSampleId :

Tot Ion: 75 Resp: 62659

Ion Ratio Lower Upper

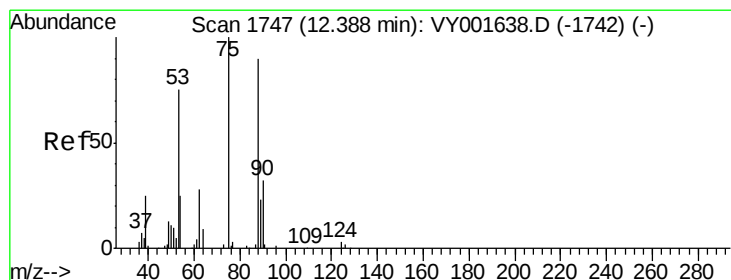
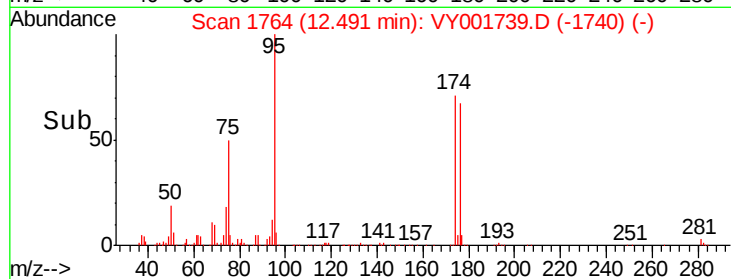
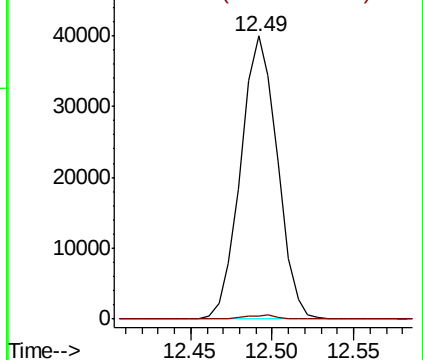
75 100

77 1.4 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: 89.868 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001739.D

Acq: 21 Feb 2020 13:58

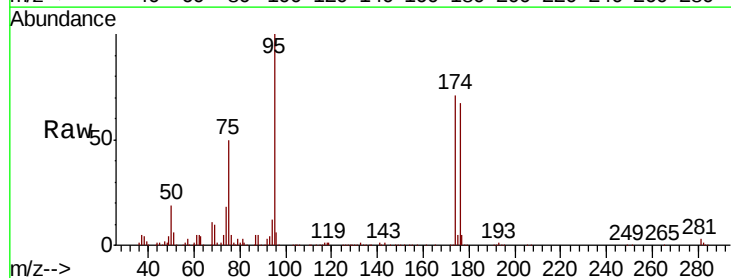
Tgt Ion: 75 Resp: 62659

Ion Ratio Lower Upper

75 100

53 0.0 64.5 96.7#

89 0.1 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

