

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061820\
 Data File : VY002923.D
 Acq On : 18 Jun 2020 16:48
 Operator : SY/MD
 Sample : L3037-05
 Misc : 6.50G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 19 05:06:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

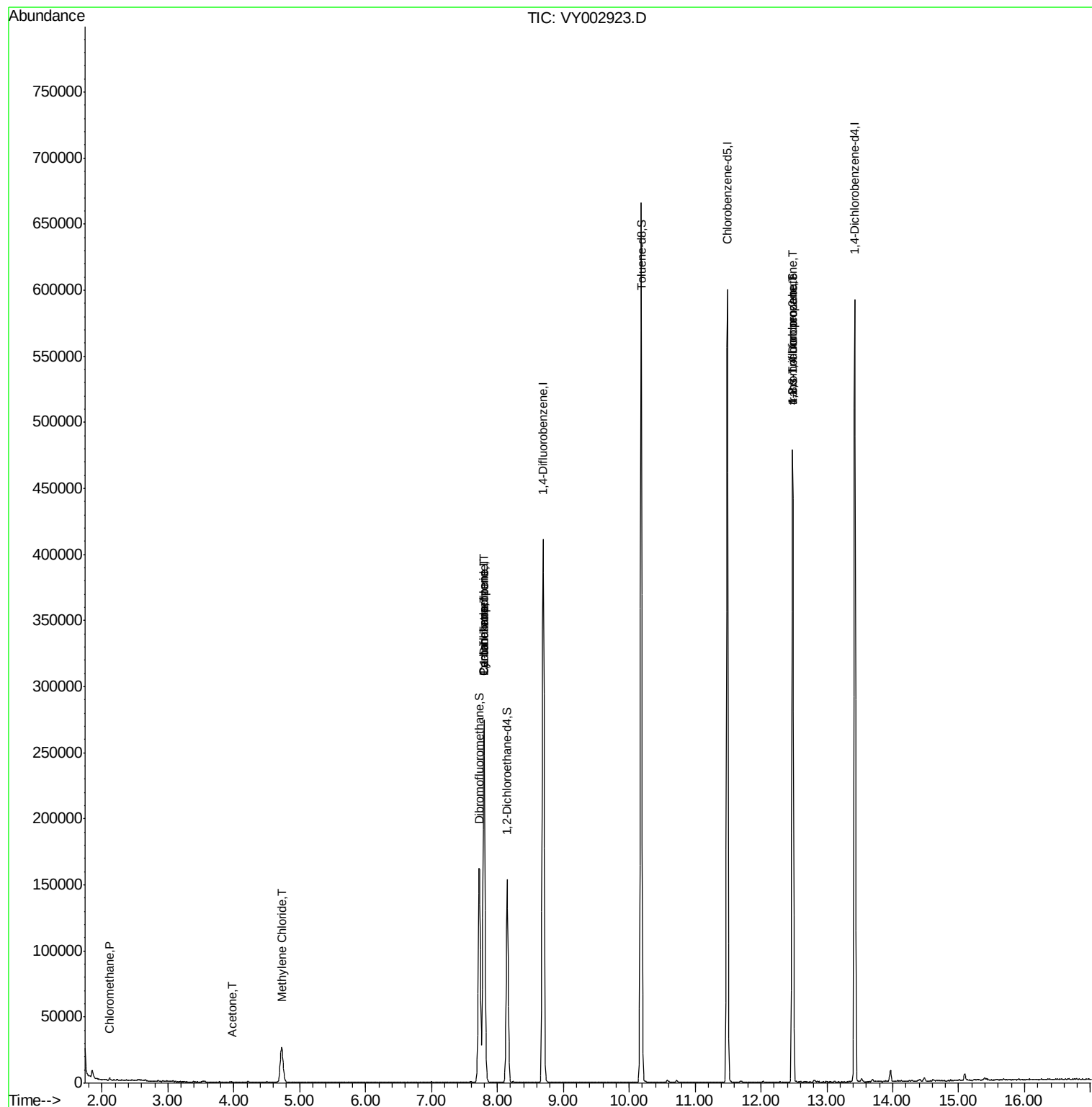
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	229216	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	374796	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	348725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	164017	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	117400	58.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.98%	
35) Dibromofluoromethane	7.72	113	117846	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	
50) Toluene-d8	10.18	98	441530	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
62) 4-Bromofluorobenzene	12.48	95	144372	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.12	50	1936	1.110	ug/l	93
16) Acetone	3.97	43	604	1.294	ug/l #	76
18) Methyl Acetate	4.51	43	517	Below Cal	#	79
20) Methylene Chloride	4.73	84	22570	9.896	ug/l	94
31) Cyclohexane	7.79	56	3393	1.005	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	13731	4.349	ug/l #	50
38) Carbon Tetrachloride	7.80	117	20561	5.862	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	68570	46.397	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	68570	87.412	ug/l #	17

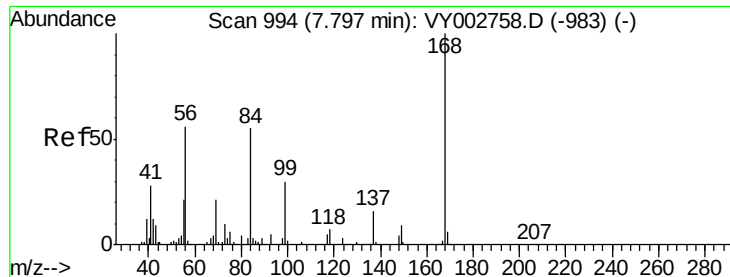
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002923.D

Acq: 18 Jun 2020 16:48

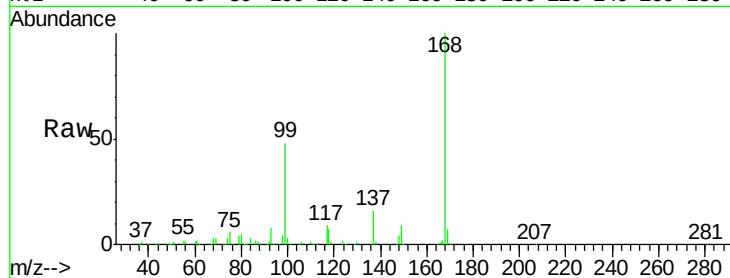
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 229216

Ion Ratio Lower Upper

168 100

99 48.3 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002923.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002923.D (-945) (-)

7.80

100000

80000

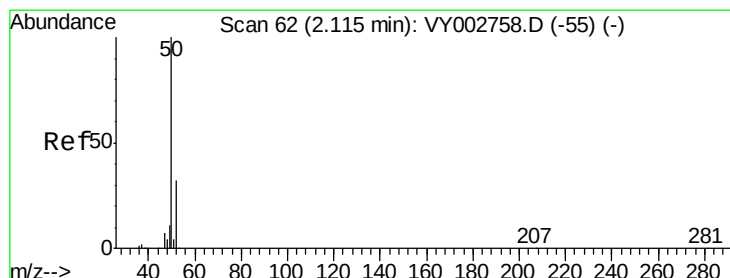
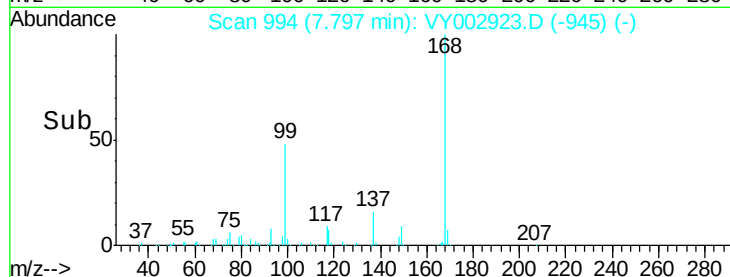
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 1.110 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002923.D

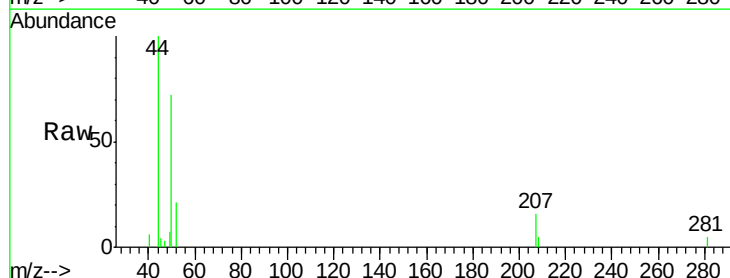
Acq: 18 Jun 2020 16:48

Tgt Ion: 50 Resp: 1936

Ion Ratio Lower Upper

50 100

52 28.5 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY002923.D (-13) (-)

Ion 51.90 (51.60 to 52.60): VY002923.D (-13) (-)

2.12

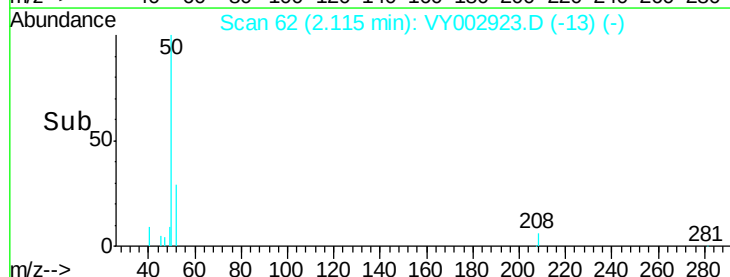
1500

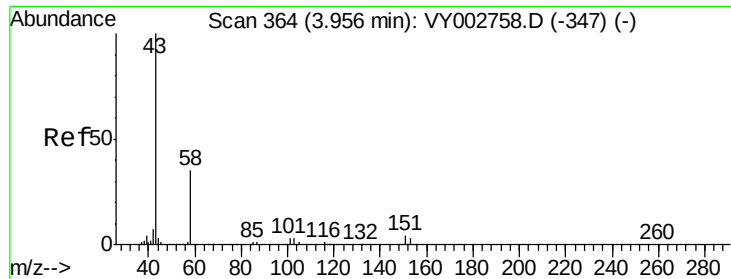
1000

500

0

Time-->

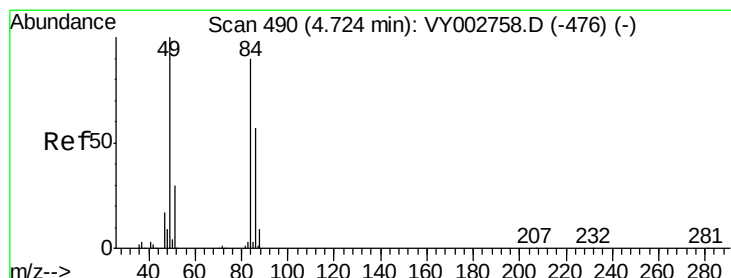
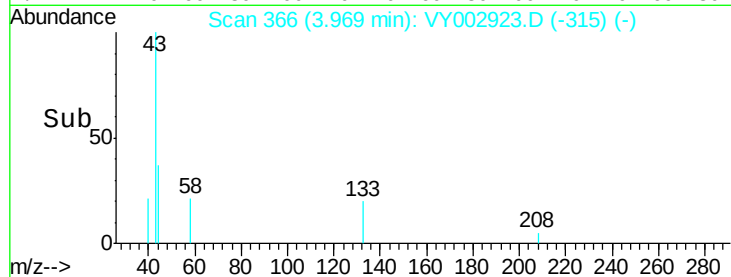
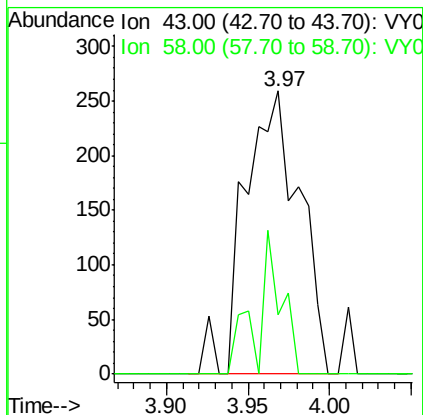
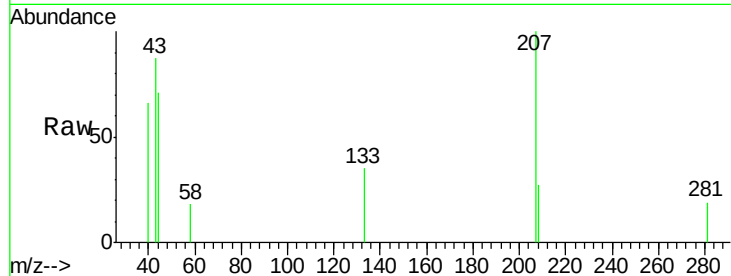




#16
Acetone
Concen: 1.294 ug/l
RT: 3.97 min Scan# 366
Delta R.T. 0.01 min
Lab File: VY002923.D
Acq: 18 Jun 2020 16:48

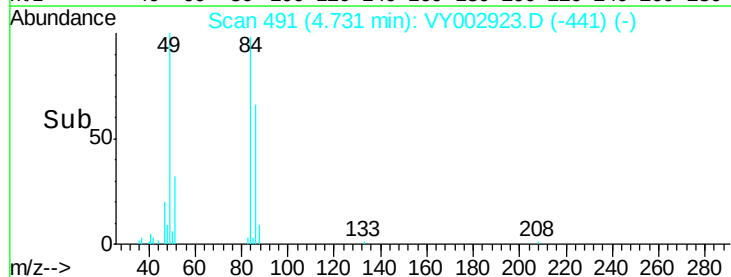
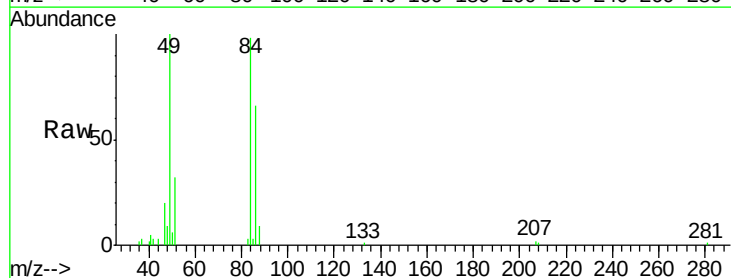
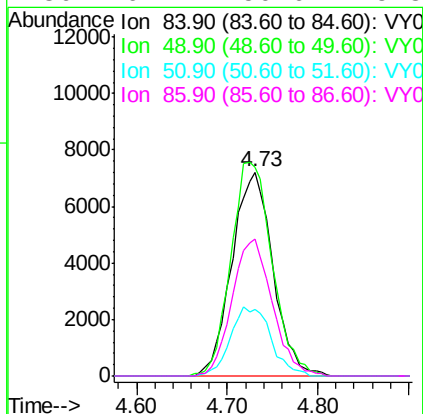
Instrument :
MSVOA_Y
ClientSampleId :

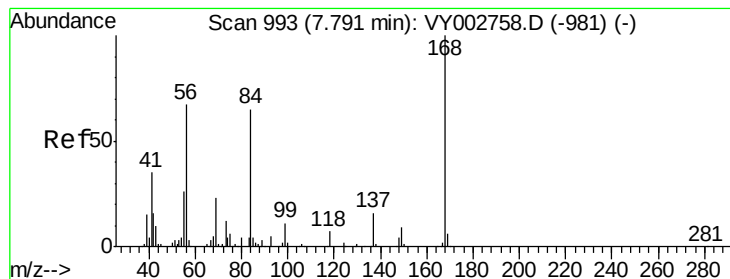
Tot Ion: 43 Resp: 604
Ion Ratio Lower Upper
43 100
58 20.8 27.7 41.5#



#20
Methylene Chloride
Concen: 9.896 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY002923.D
Acq: 18 Jun 2020 16:48

Tgt Ion: 84 Resp: 22570
Ion Ratio Lower Upper
84 100
49 102.3 88.5 132.7
51 33.0 26.8 40.2
86 67.2 50.6 75.8





#31

Cyclohexane

Concen: 1.005 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002923.D

Acq: 18 Jun 2020 16:48

Instrument :

MSVOA_Y

ClientSampled :

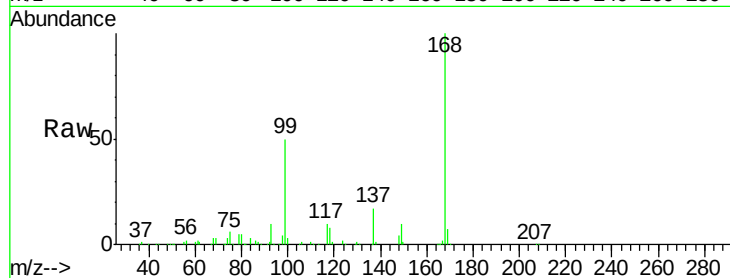
Tot Ion: 56 Resp: 3393

Ion Ratio Lower Upper

56 100

69 190.9 28.0 42.0#

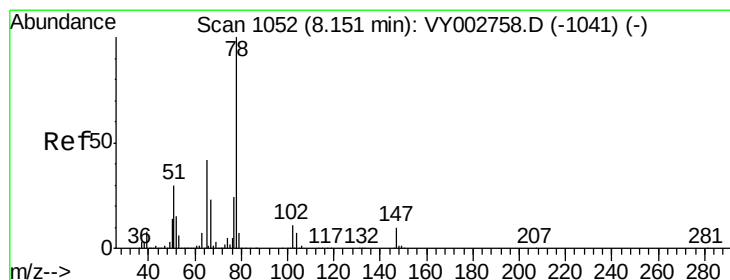
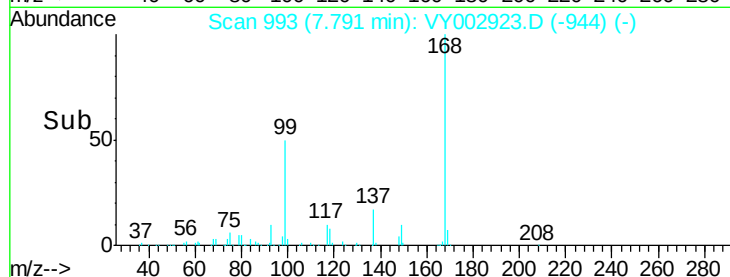
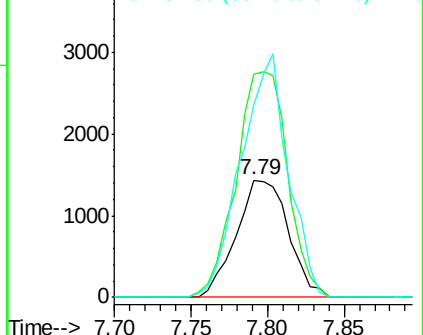
84 164.4 77.7 116.5#



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: 58.988 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY002923.D

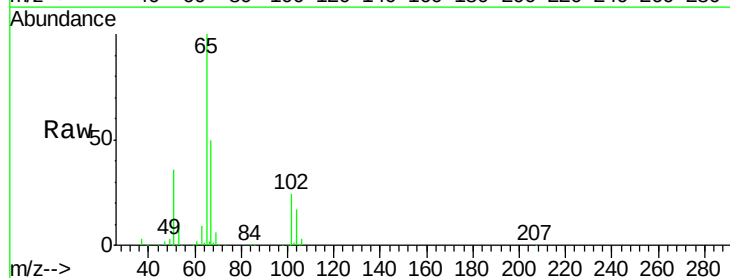
Acq: 18 Jun 2020 16:48

Tgt Ion: 65 Resp: 117400

Ion Ratio Lower Upper

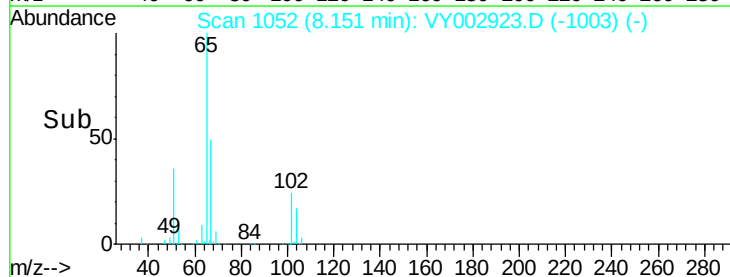
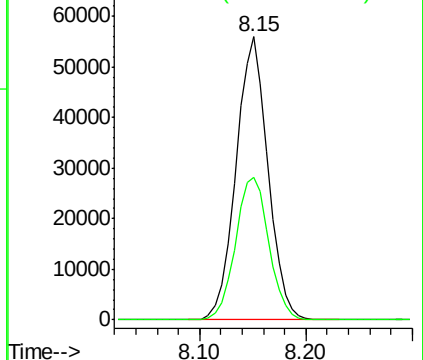
65 100

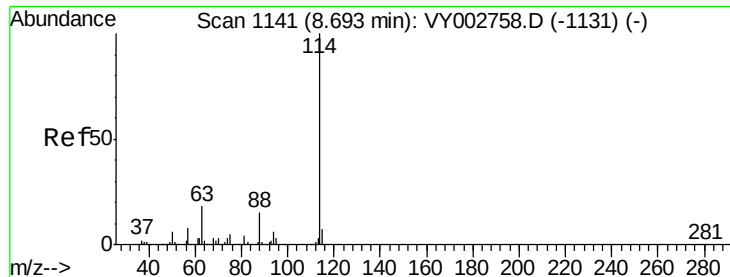
67 52.7 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

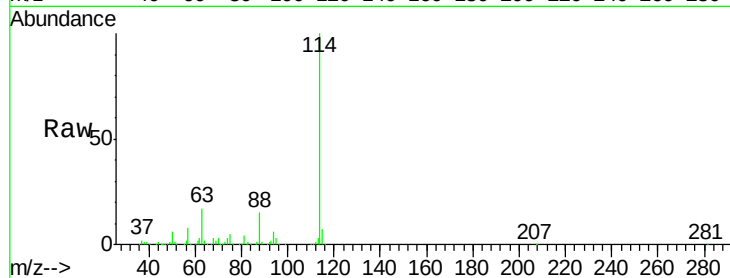




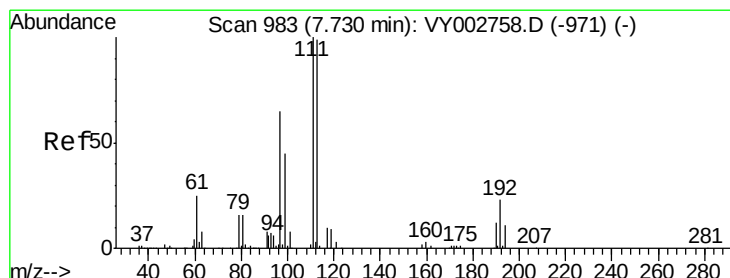
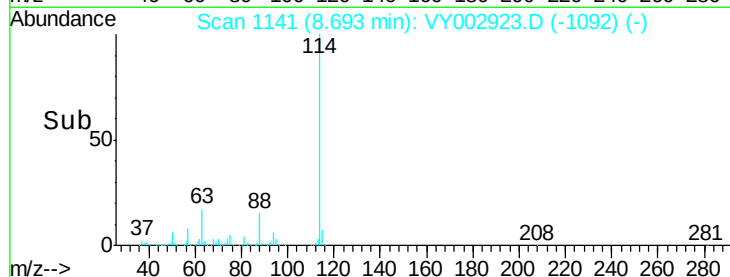
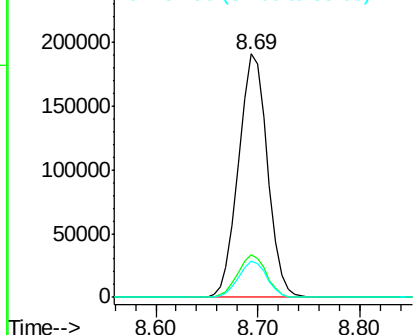
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002923.D
 Acq: 18 Jun 2020 16:48

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:114 Resp: 374796
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 35.2
 88 14.8 0.0 29.2

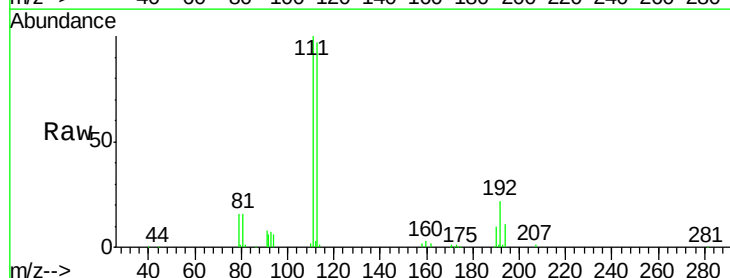


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

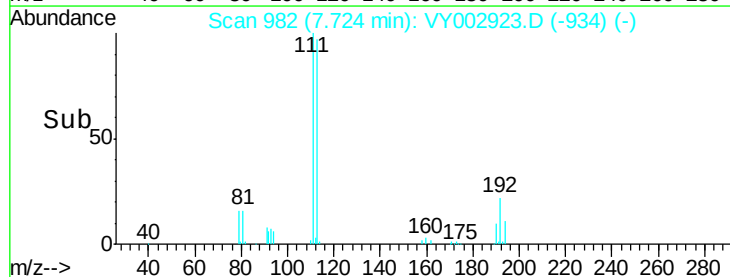
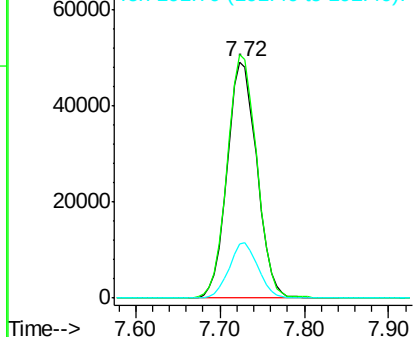


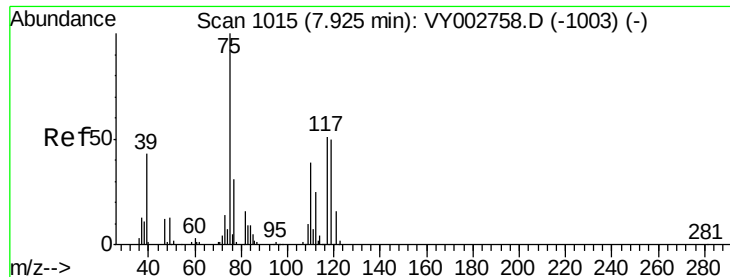
#35
 Dibromofluoromethane
 Concen: 53.652 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002923.D
 Acq: 18 Jun 2020 16:48

Tgt Ion:113 Resp: 117846
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.0 123.0
 192 22.8 18.9 28.3



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

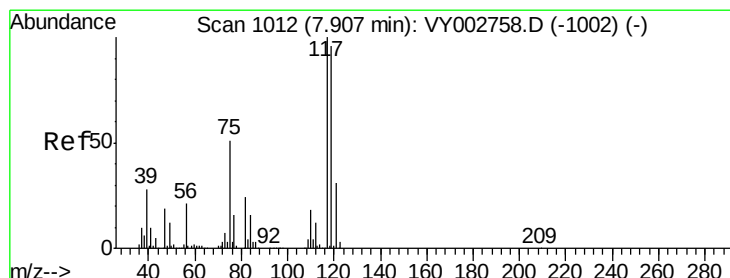
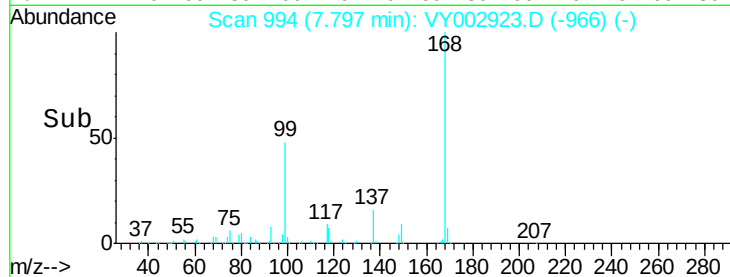
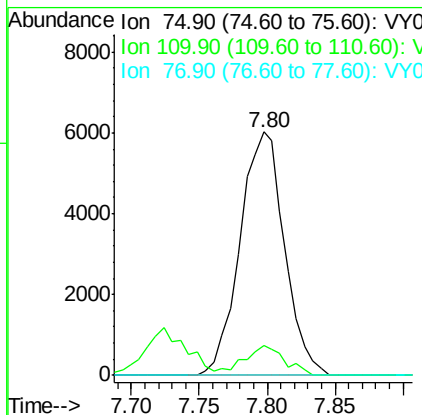
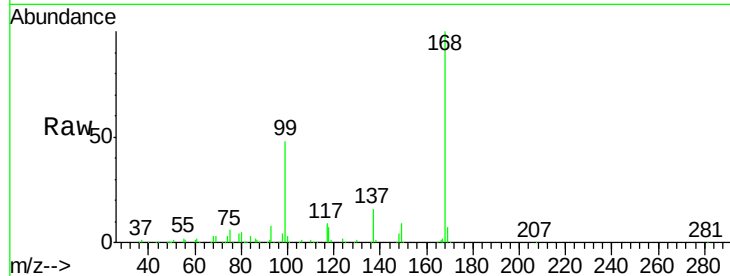




#36
 1,1-Dichloropropene
 Concen: 4.349 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY002923.D
 Acq: 18 Jun 2020 16:48

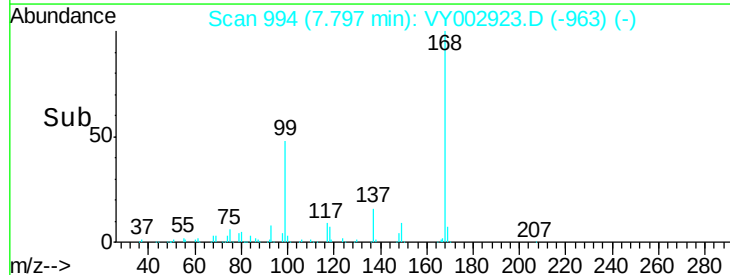
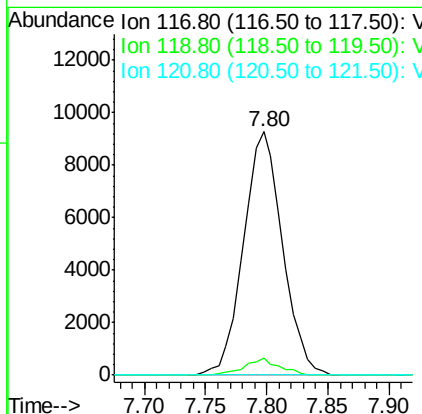
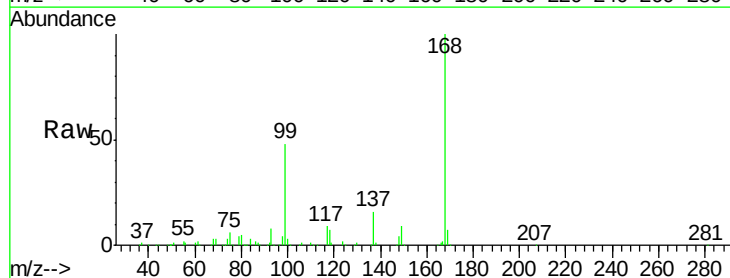
Instrument :
 MSVOA_Y
 ClientSampleId :

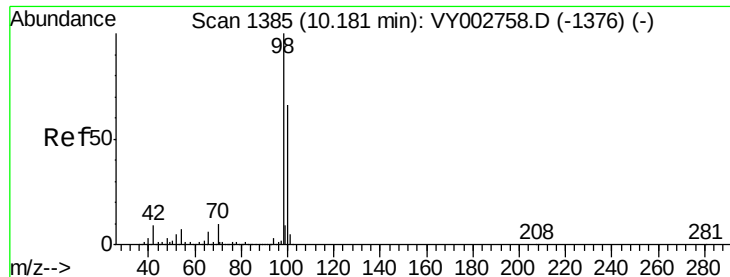
Tot Ion	75	Resp	13731
Ion Ratio	100	Lower	Upper
75	100		
110	11.3	19.3	57.9#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 5.862 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY002923.D
 Acq: 18 Jun 2020 16:48

Tgt Ion	117	Resp	20561
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	6.9	76.8	115.2#
121	0.0	24.8	37.2#





#50

Toluene-d8

Concen: 49.716 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002923.D

Acq: 18 Jun 2020 16:48

Instrument :

MSVOA_Y

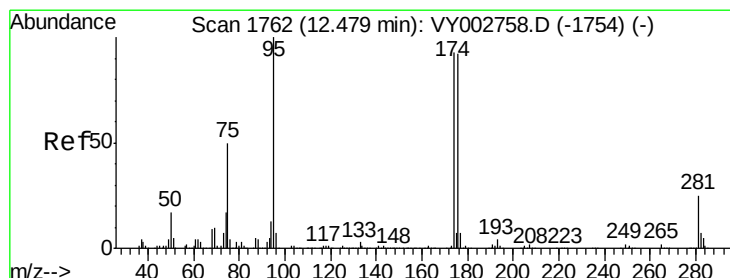
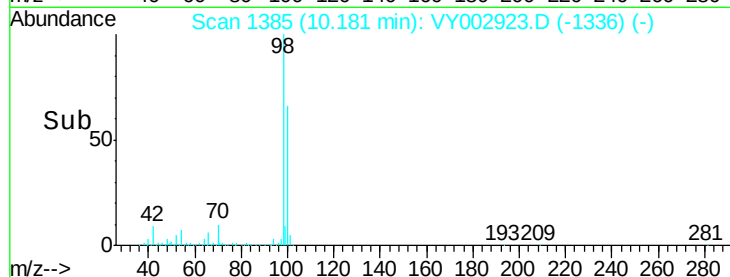
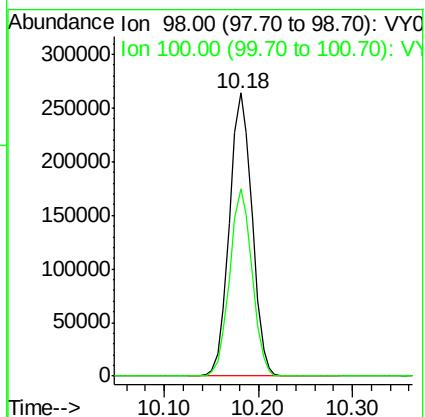
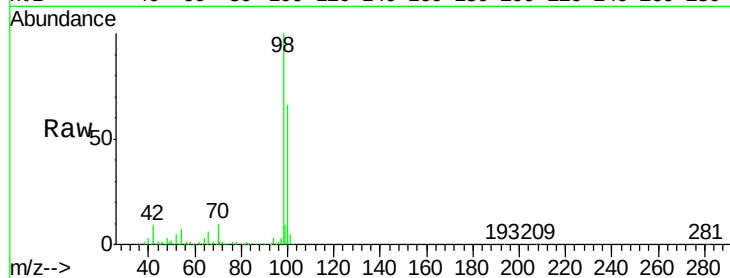
ClientSampleId :

Tot Ion: 98 Resp: 441530

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 47.568 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002923.D

Acq: 18 Jun 2020 16:48

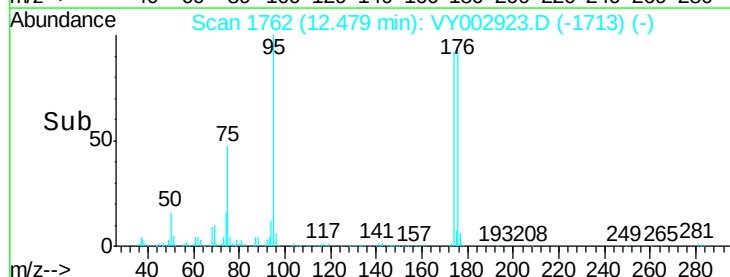
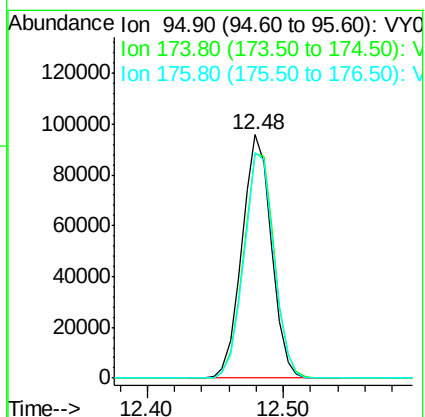
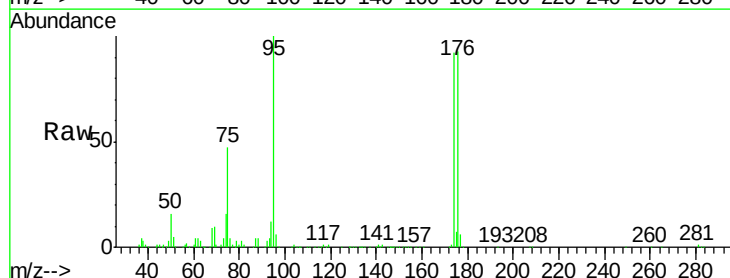
Tgt Ion: 95 Resp: 144372

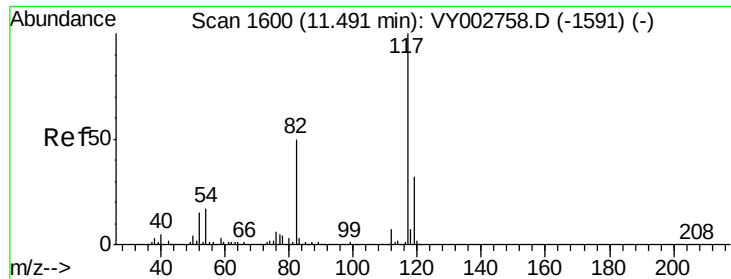
Ion Ratio Lower Upper

95 100

174 96.6 0.0 191.2

176 94.1 0.0 188.8

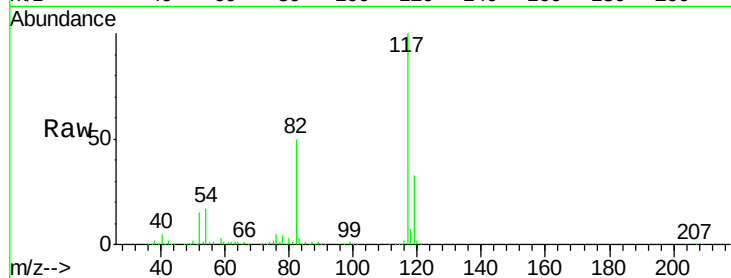




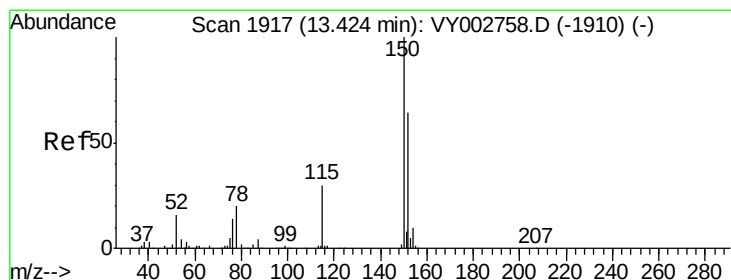
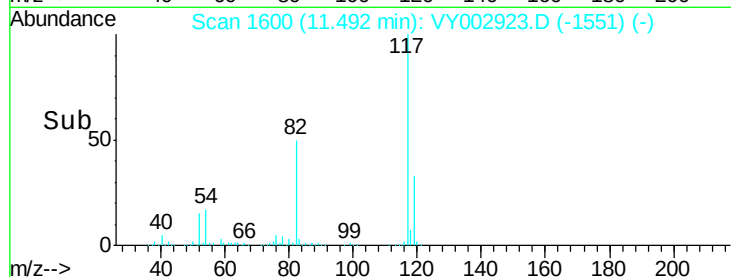
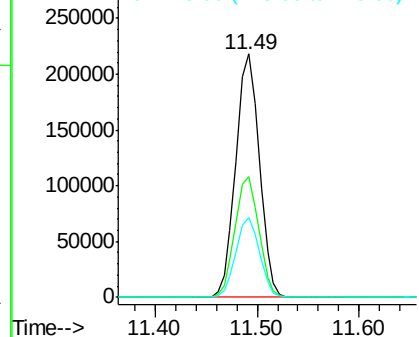
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002923.D
Acq: 18 Jun 2020 16:48

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.8	40.2	60.4
119	32.8	25.8	38.8

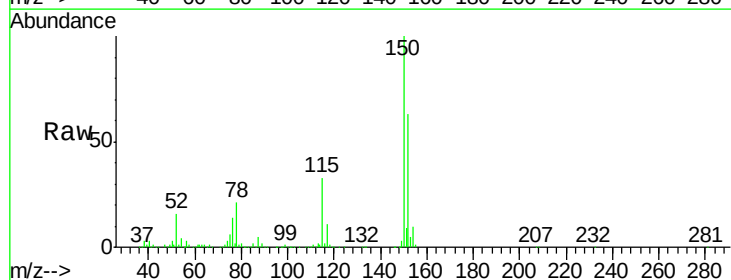


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

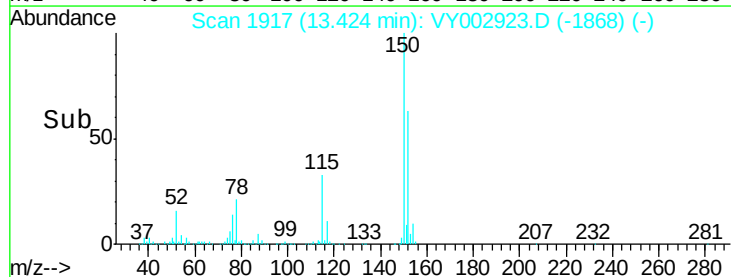
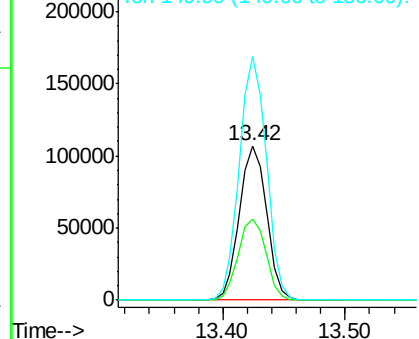


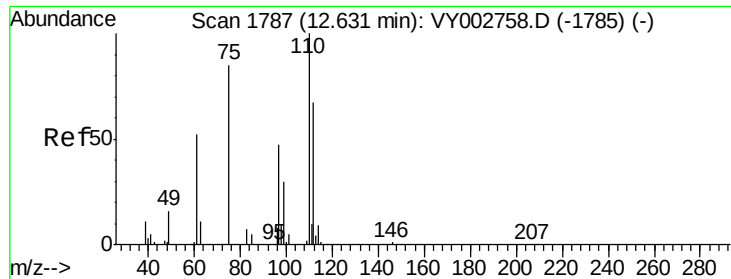
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002923.D
Acq: 18 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.0	27.0	81.0
150	157.2	0.0	344.8



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: 46.397 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002923.D

Acq: 18 Jun 2020 16:48

Instrument :

MSVOA_Y

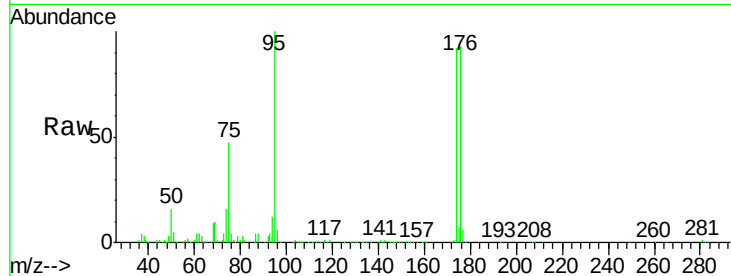
ClientSampled :

Tot Ion: 75 Resp: 68570

Ion Ratio Lower Upper

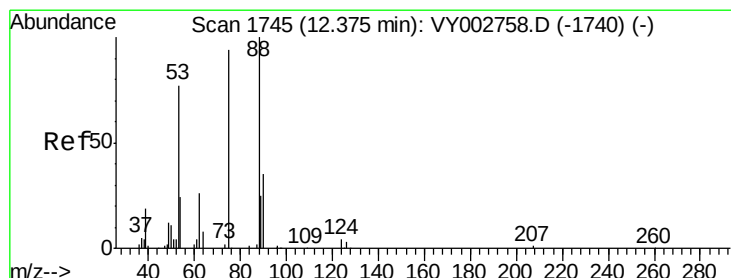
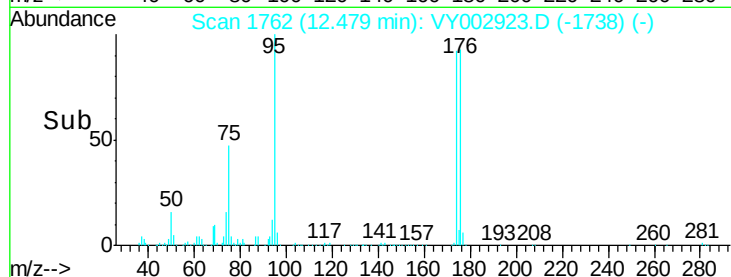
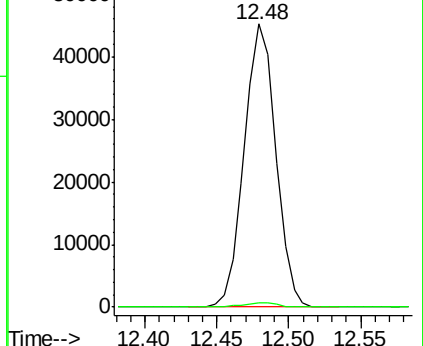
75 100

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: 87.412 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002923.D

Acq: 18 Jun 2020 16:48

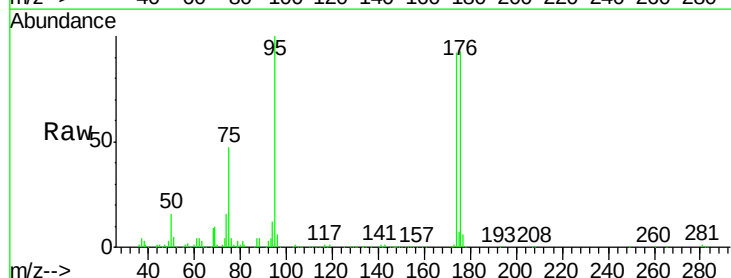
Tgt Ion: 75 Resp: 68570

Ion Ratio Lower Upper

75 100

53 0.0 64.0 96.0#

89 0.0 37.4 56.2#



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

