

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041620\
 Data File : VY002365.D
 Acq On : 16 Apr 2020 14:32
 Operator : SY/MD
 Sample : L2279-01
 Misc : 5.02G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 17 07:05:36 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

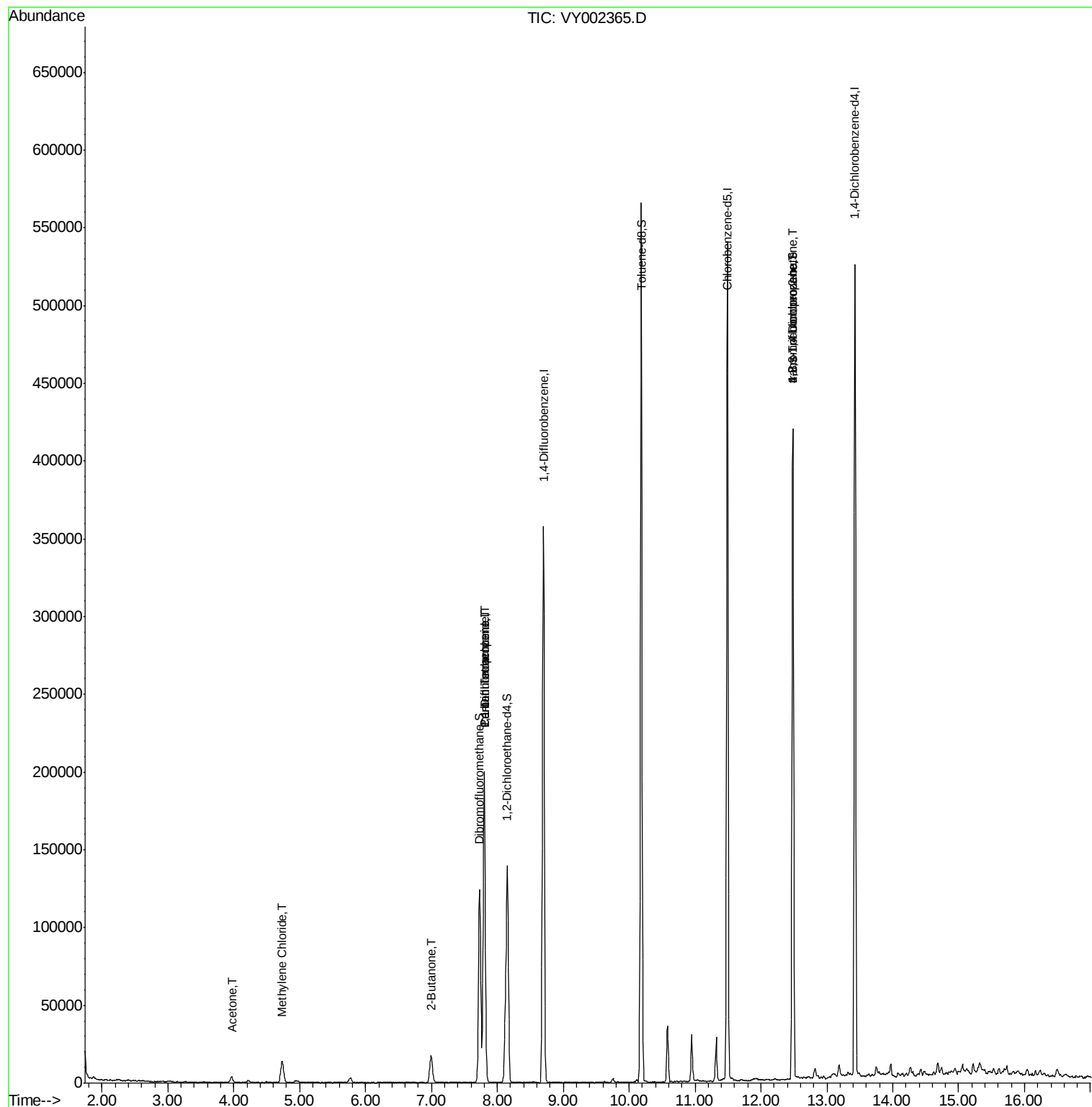
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	154148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	308473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	296775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	132490	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	91853	53.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.16%	
35) Dibromofluoromethane	7.73	113	91401	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
50) Toluene-d8	10.18	98	378555	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.49	95	137875	54.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.80%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.95	59	1099	Below Cal	#	77
16) Acetone	3.96	43	6063	13.429	ug/l	98
20) Methylene Chloride	4.74	84	10949	4.934	ug/l	87
25) 2-Butanone	6.99	43	1539	2.154	ug/l #	87
36) 1,1-Dichloropropene	7.80	75	12206	4.017	ug/l #	49
38) Carbon Tetrachloride	7.80	117	15179	5.840	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	65114	42.323	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	65114	82.318	ug/l #	19

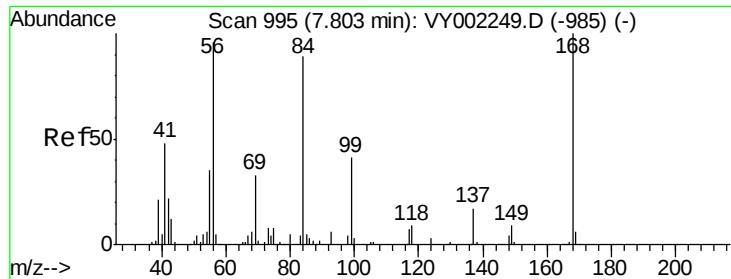
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY002365.D

Acq: 16 Apr 2020 14:32

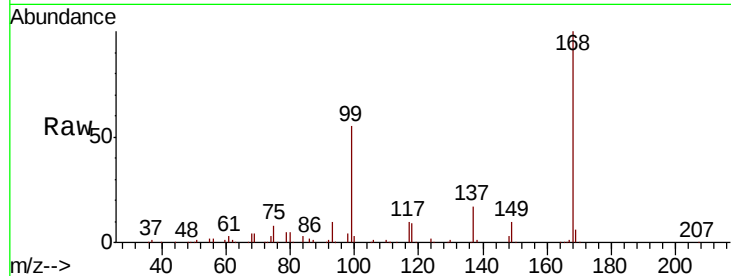
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 154148

Ion Ratio Lower Upper

168 100

99 55.1 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) (-)

7.80

60000

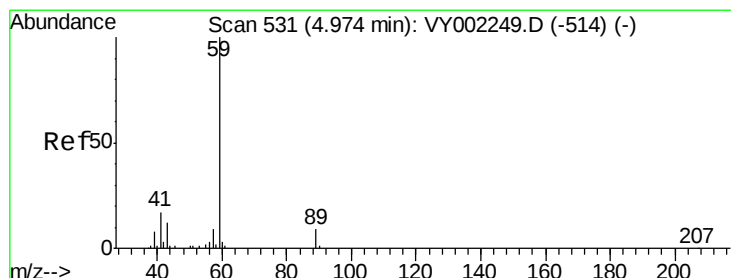
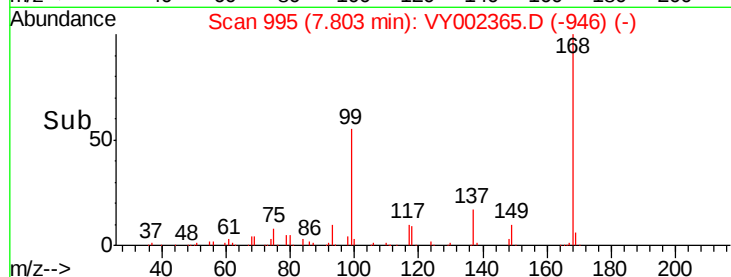
40000

20000

0

Time-->

7.70 7.80 7.90



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.95 min Scan# 527

Delta R.T. -0.02 min

Lab File: VY002365.D

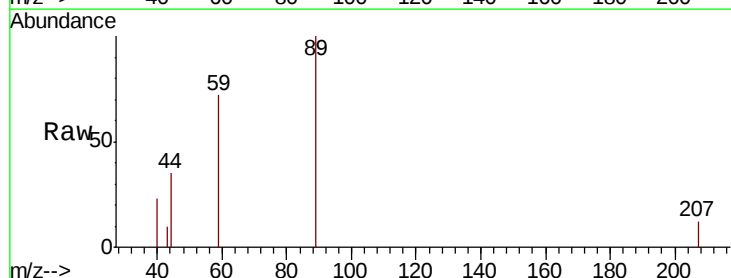
Acq: 16 Apr 2020 14:32

Tgt Ion: 59 Resp: 1099

Ion Ratio Lower Upper

59 100

57 0.0 6.6 9.8#



Abundance Ion 59.00 (58.70 to 59.70): VY002249.D (-514) (-)

Ion 57.00 (56.70 to 57.70): VY002249.D (-514) (-)

4.95

500

400

300

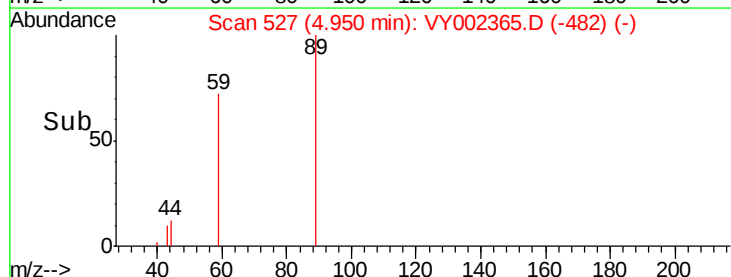
200

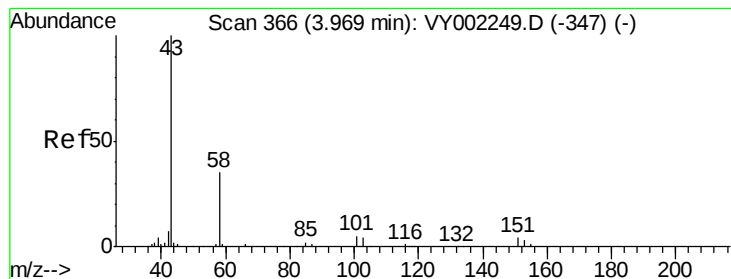
100

0

Time-->

4.85 4.90 4.95





#16

Acetone

Concen: 13.429 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VY002365.D

Acq: 16 Apr 2020 14:32

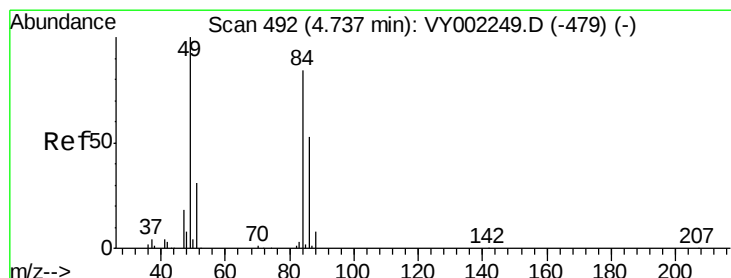
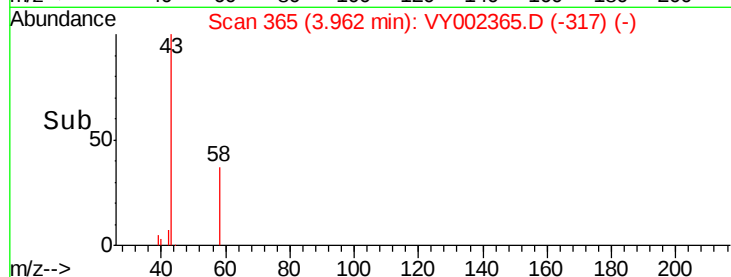
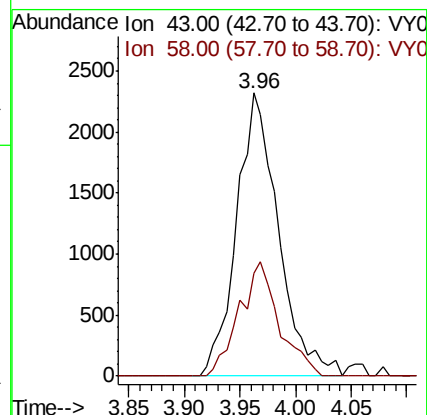
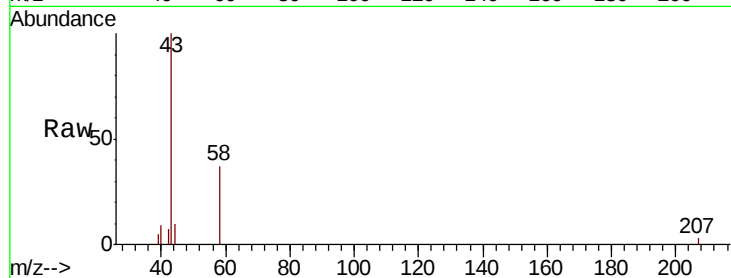
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 6063

Ion Ratio Lower Upper

43 100

58 36.5 28.5 42.7



#20

Methylene Chloride

Concen: 4.934 ug/l

RT: 4.74 min Scan# 493

Delta R.T. 0.01 min

Lab File: VY002365.D

Acq: 16 Apr 2020 14:32

Tgt Ion: 84 Resp: 10949

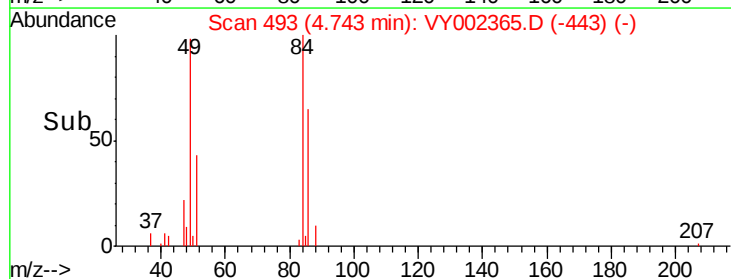
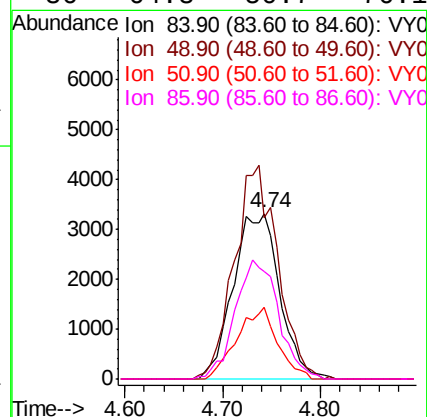
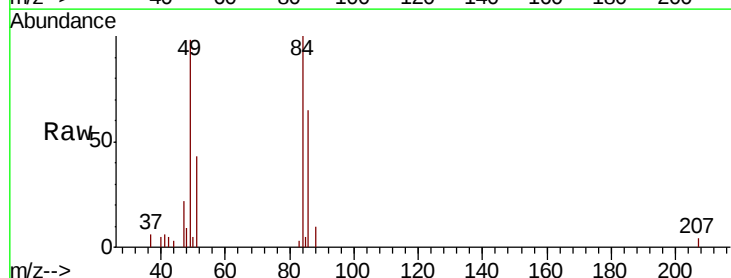
Ion Ratio Lower Upper

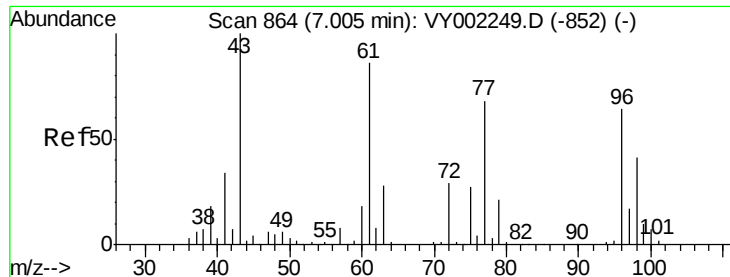
84 100

49 97.8 95.5 143.3

51 43.2 29.5 44.3

86 64.8 50.7 76.1

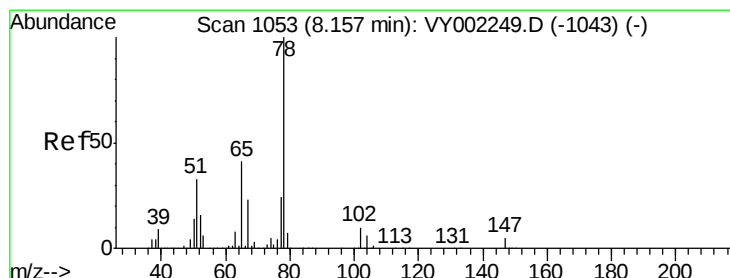
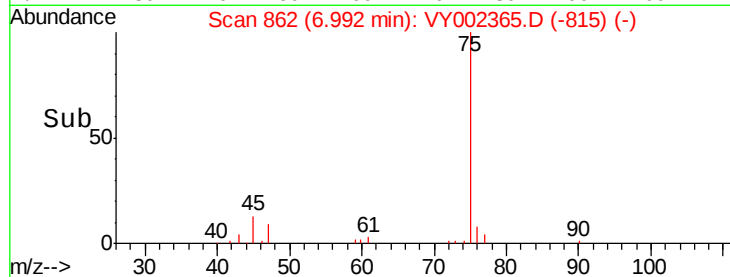
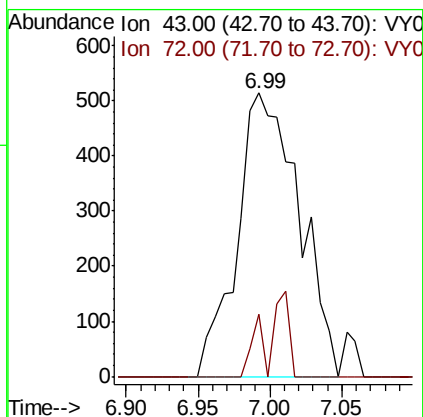
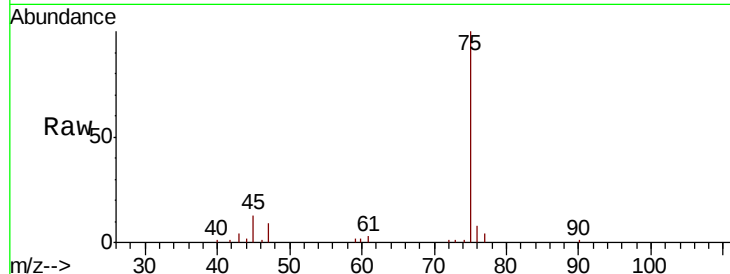




#25
 2-Butanone
 Concen: 2.154 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002365.D
 Acq: 16 Apr 2020 14:32

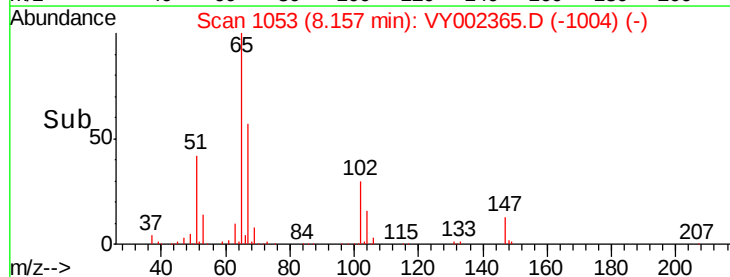
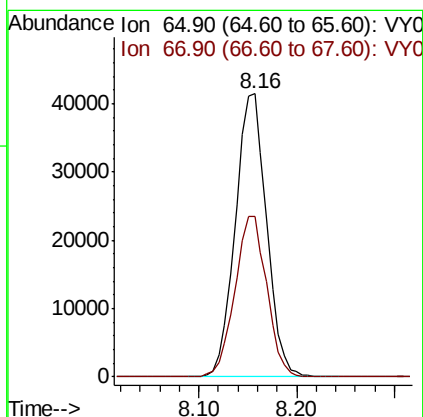
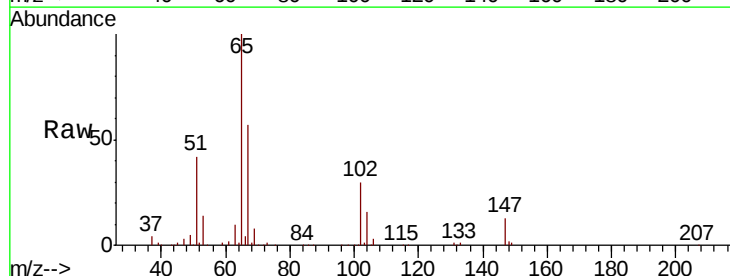
Instrument :
 MSVOA_Y
 ClientSampleId :

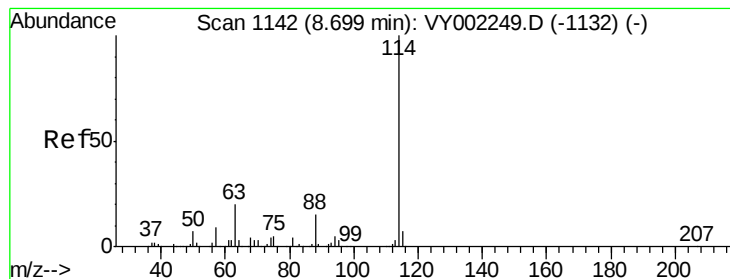
Tot Ion: 43 Resp: 1539
 Ion Ratio Lower Upper
 43 100
 72 22.0 23.2 34.8#



#33
 1,2-Dichloroethane-d4
 Concen: 53.582 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY002365.D
 Acq: 16 Apr 2020 14:32

Tgt Ion: 65 Resp: 91853
 Ion Ratio Lower Upper
 65 100
 67 57.7 0.0 114.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY002365.D

Acq: 16 Apr 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

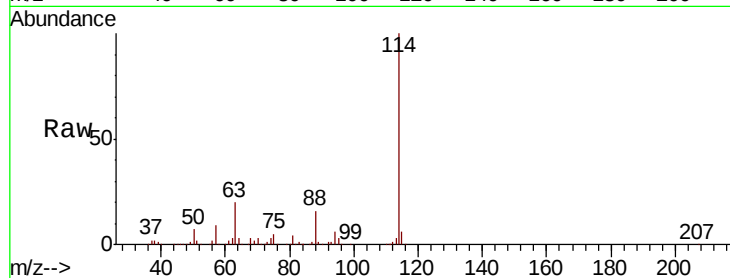
Tot Ion:114 Resp: 308473

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.0

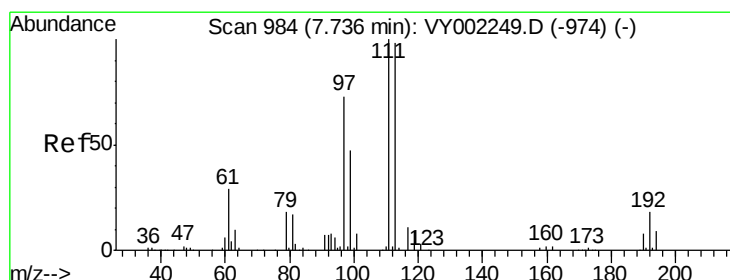
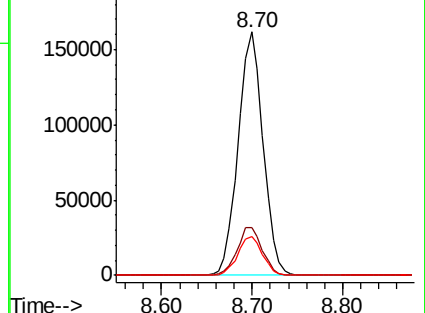
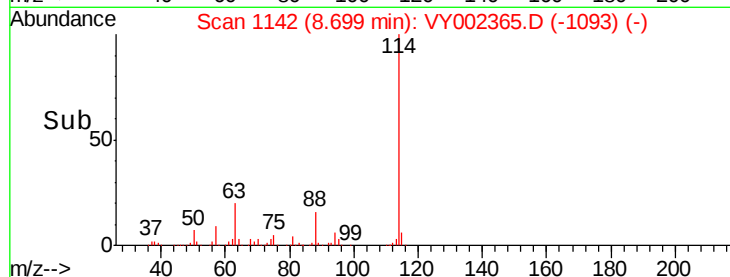
88 15.9 0.0 31.0



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: 49.796 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002365.D

Acq: 16 Apr 2020 14:32

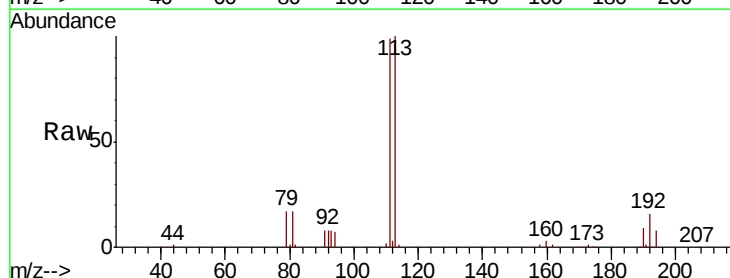
Tgt Ion:113 Resp: 91401

Ion Ratio Lower Upper

113 100

111 103.6 83.5 125.3

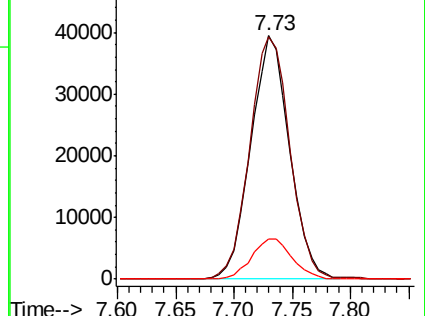
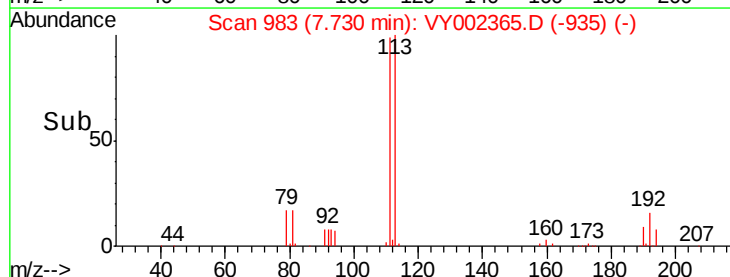
192 17.3 14.7 22.1

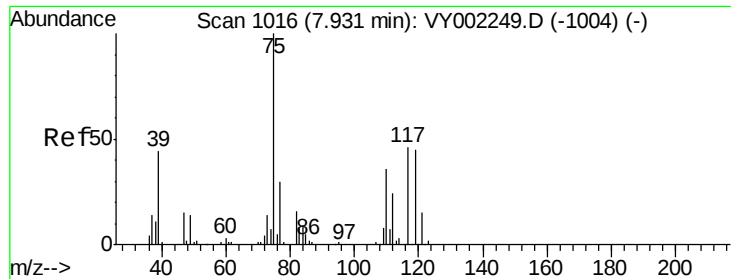


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

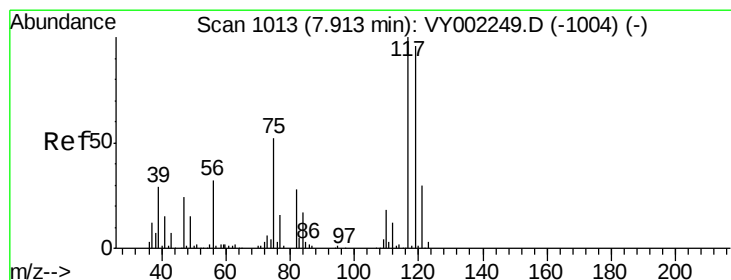
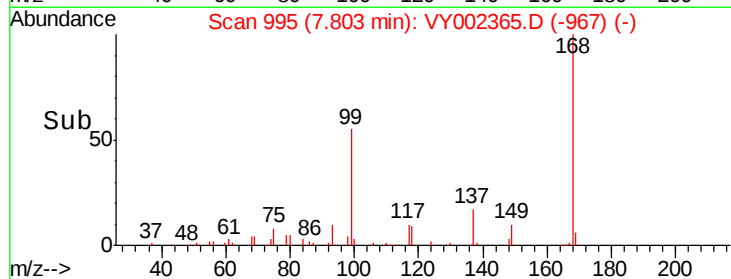
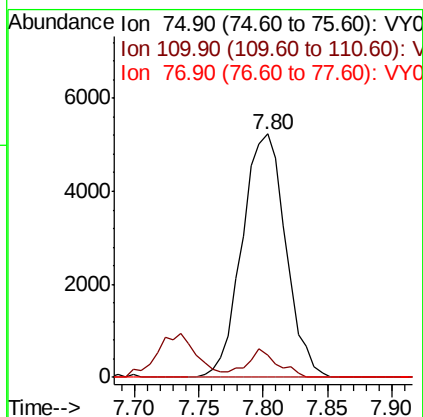
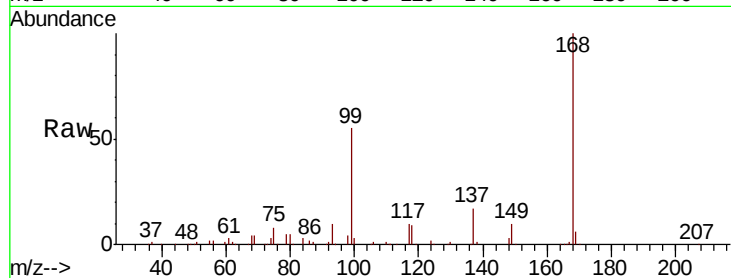




#36
 1,1-Dichloropropene
 Concen: 4.017 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY002365.D
 Acq: 16 Apr 2020 14:32

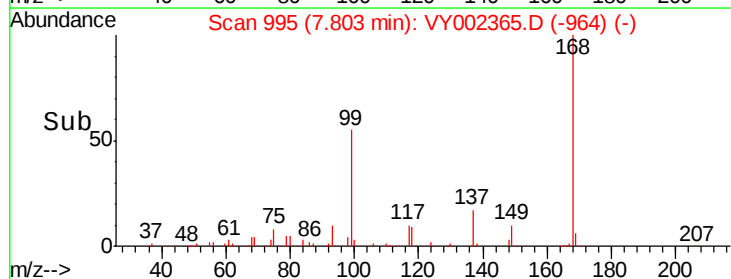
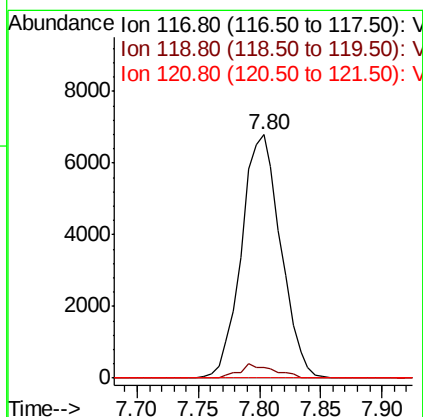
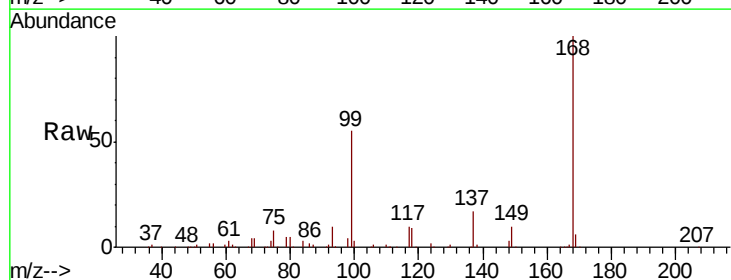
Instrument :
 MSVOA_Y
 ClientSampleId :

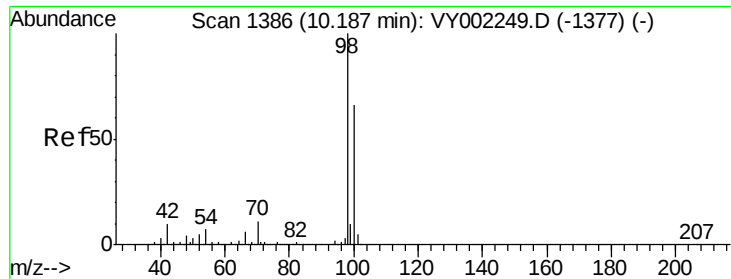
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.9	17.8	53.3#
77	0.0	24.4	36.6#



#38
 Carbon Tetrachloride
 Concen: 5.840 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY002365.D
 Acq: 16 Apr 2020 14:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	77.1	115.7#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 49.274 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002365.D

Acq: 16 Apr 2020 14:32

Instrument :

MSVOA_Y

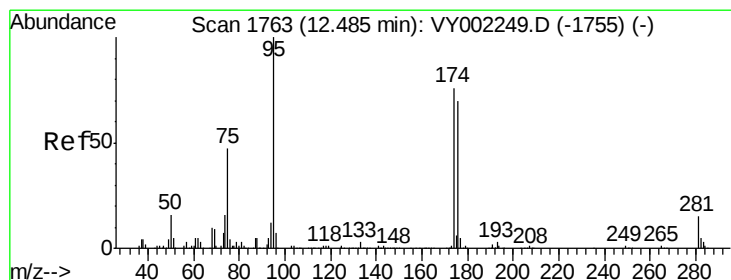
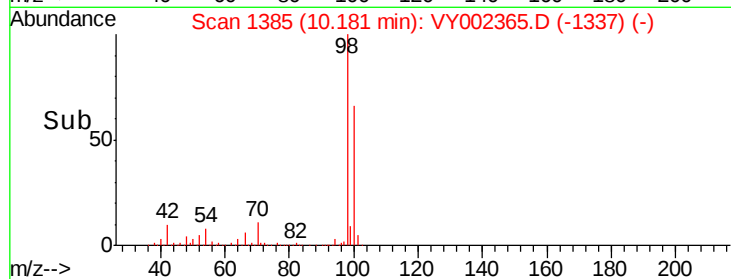
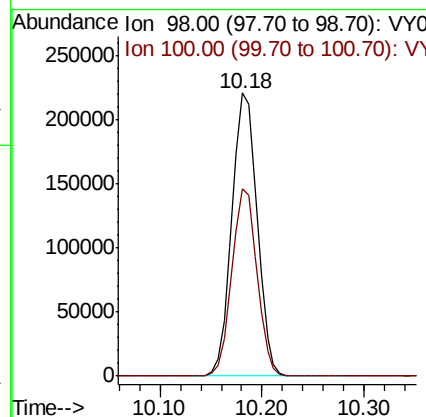
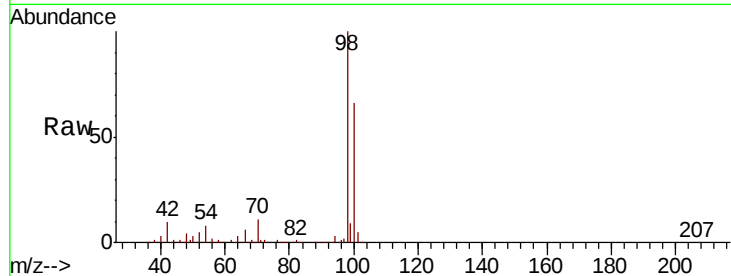
ClientSampleId :

Tot Ion: 98 Resp: 378555

Ion Ratio Lower Upper

98 100

100 65.5 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 54.396 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY002365.D

Acq: 16 Apr 2020 14:32

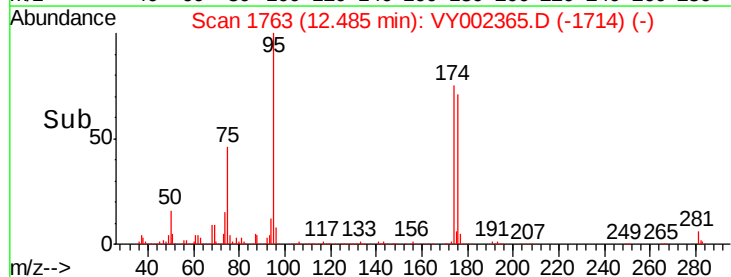
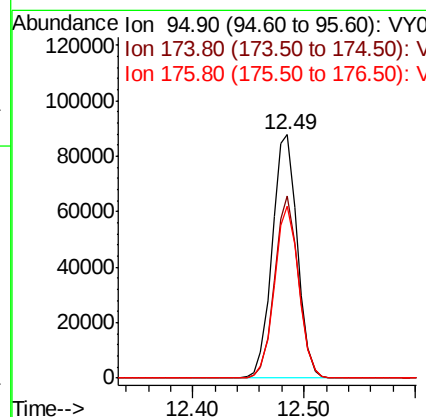
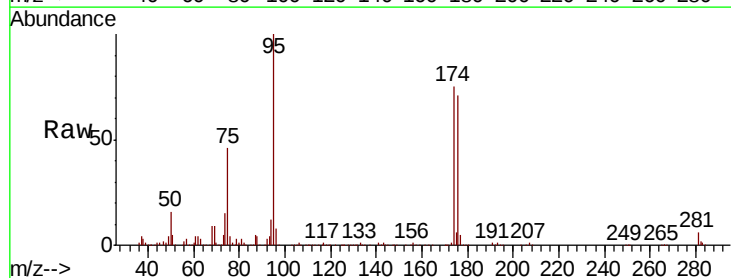
Tgt Ion: 95 Resp: 137875

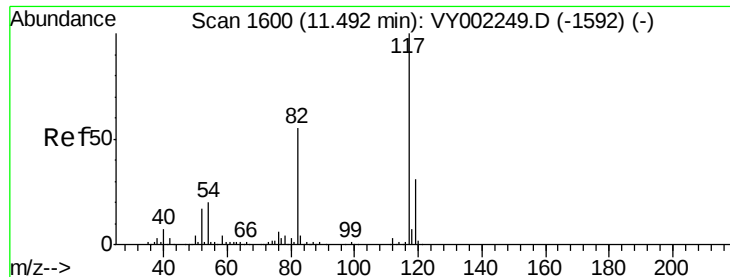
Ion Ratio Lower Upper

95 100

174 71.0 0.0 150.6

176 68.5 0.0 141.4

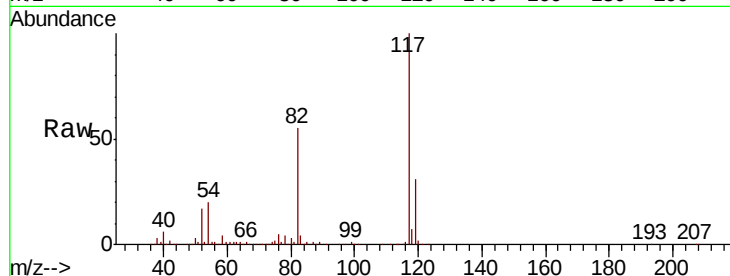




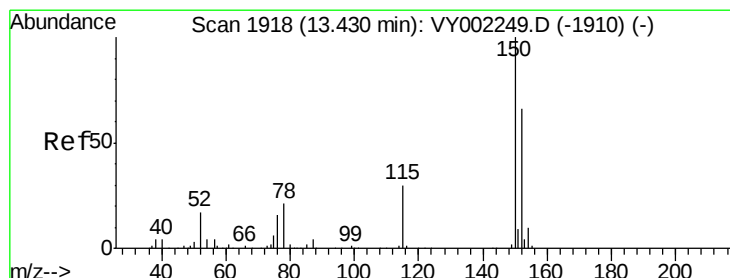
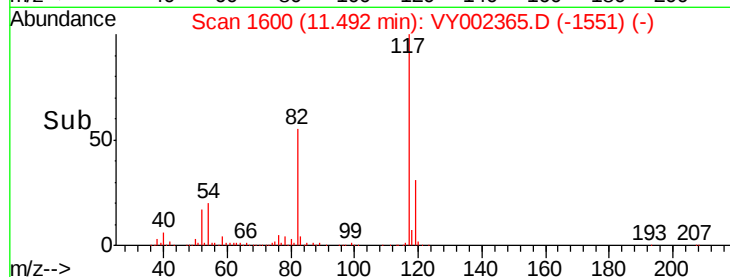
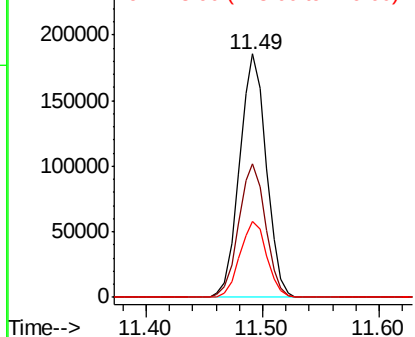
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002365.D
Acq: 16 Apr 2020 14:32

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 296775
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.4
119 31.4 25.1 37.7

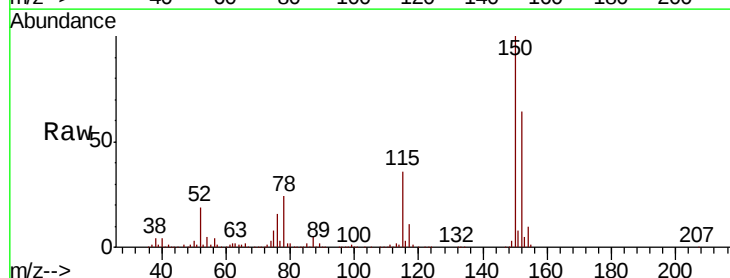


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

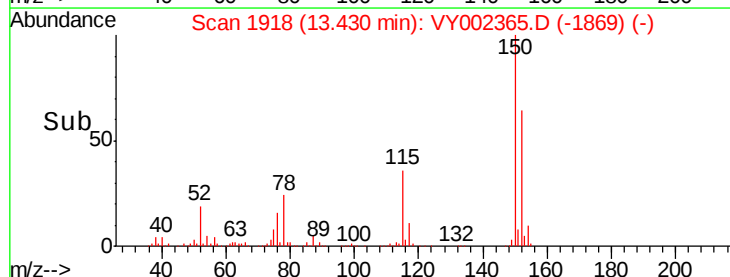
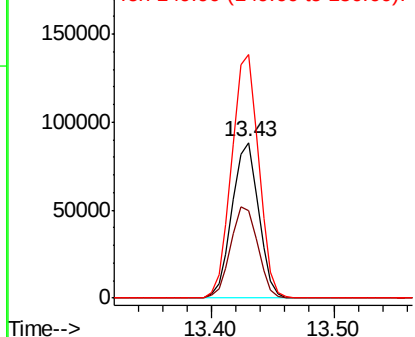


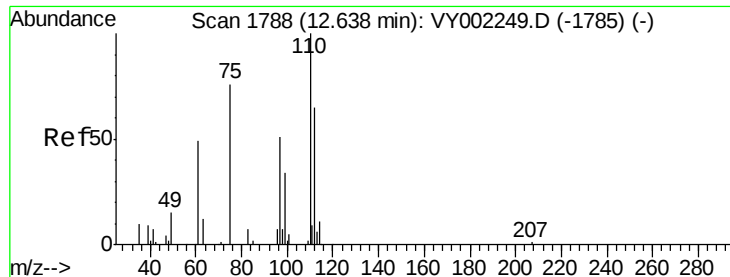
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY002365.D
Acq: 16 Apr 2020 14:32

Tgt Ion:152 Resp: 132490
Ion Ratio Lower Upper
152 100
115 60.3 30.7 92.1
150 159.0 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: 42.323 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.16 min

Lab File: VY002365.D

Acq: 16 Apr 2020 14:32

Instrument :

MSVOA_Y

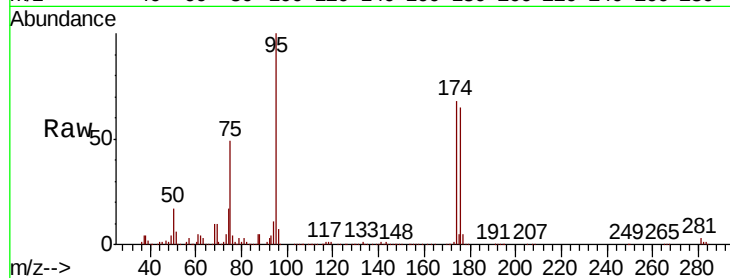
ClientSampleId :

Tot Ion: 75 Resp: 65114

Ion Ratio Lower Upper

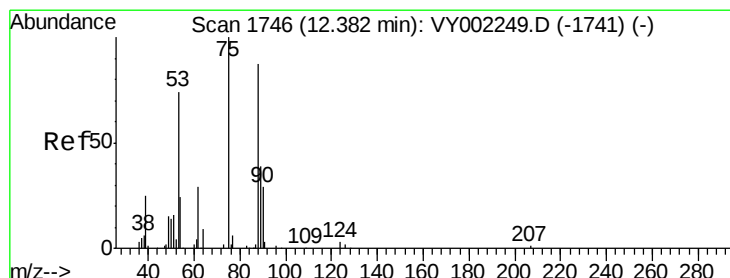
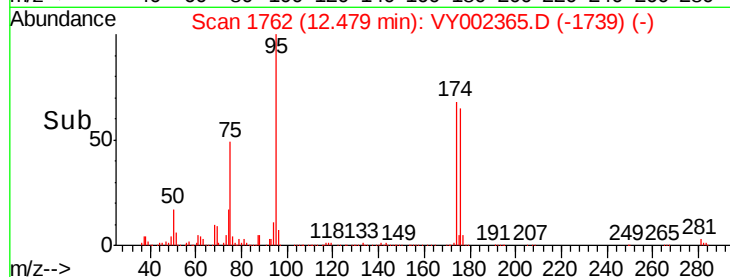
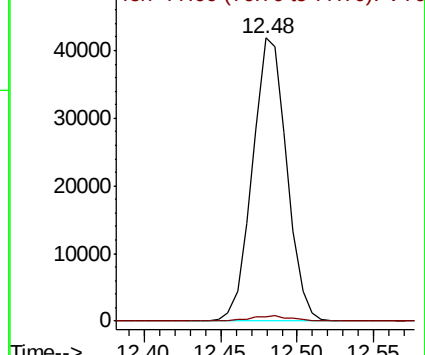
75 100

77 2.0 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: 82.318 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002365.D

Acq: 16 Apr 2020 14:32

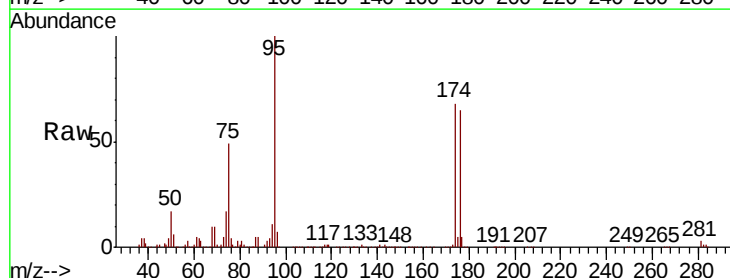
Tgt Ion: 75 Resp: 65114

Ion Ratio Lower Upper

75 100

53 0.1 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

