

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
 Data File : VY002408.D
 Acq On : 17 Apr 2020 18:33
 Operator : SY/MD
 Sample : L2272-02
 Misc : 7.30G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 18 04:39:57 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

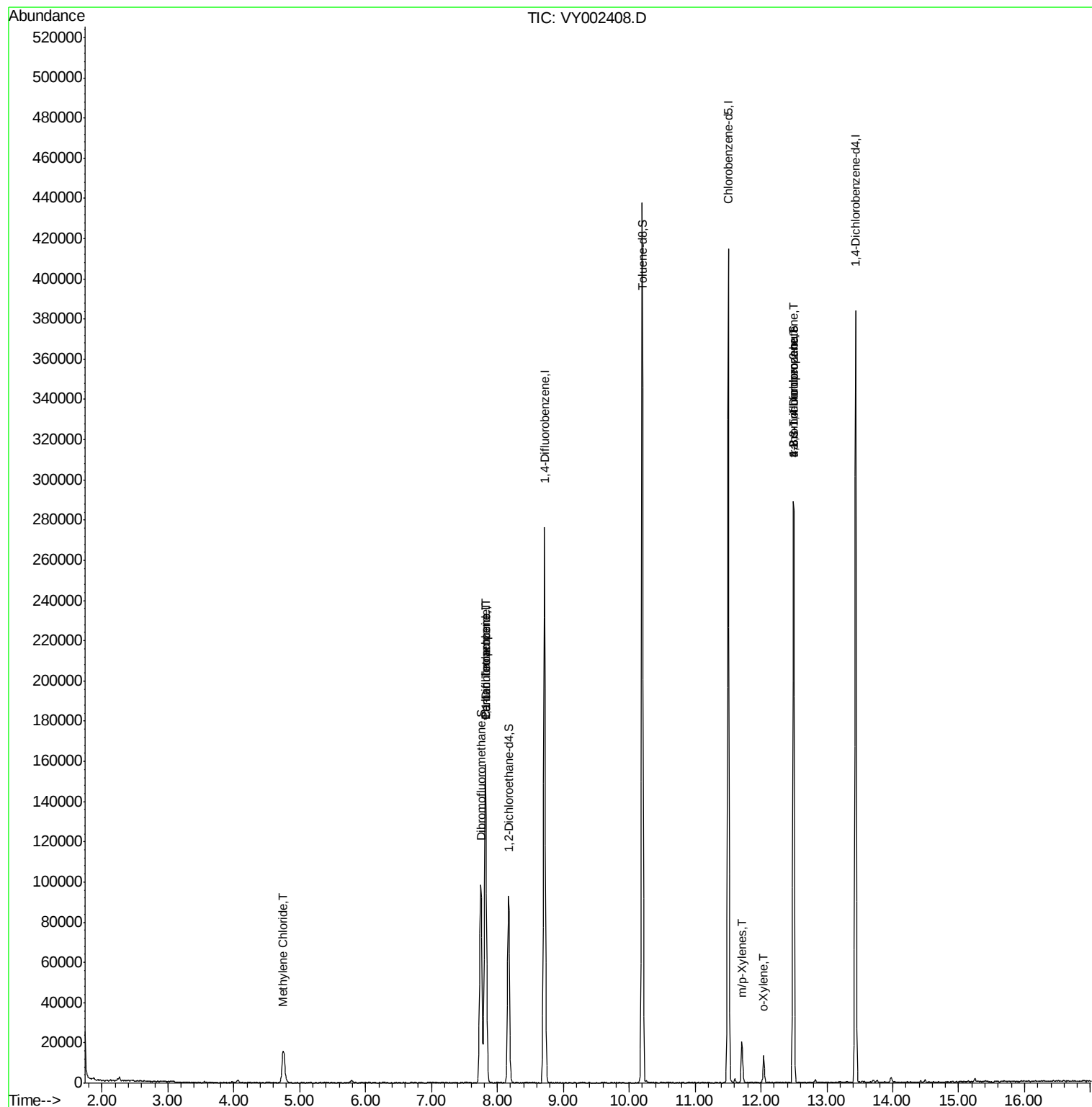
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	129160	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.71	114	256252	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	239187	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	101392	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	62849	43.76	ug/l	0.01
Spiked Amount 50.000			Recovery	=	87.52%	
35) Dibromofluoromethane	7.75	113	73603	48.27	ug/l	0.02
Spiked Amount 50.000			Recovery	=	96.54%	
50) Toluene-d8	10.20	98	303891	47.62	ug/l	0.01
Spiked Amount 50.000			Recovery	=	95.24%	
62) 4-Bromofluorobenzene	12.49	95	97115	46.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.24%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.96	59	29	Below Cal	#	77
20) Methylene Chloride	4.75	84	13783	7.412	ug/l #	80
36) 1,1-Dichloropropene	7.82	75	9251	3.665	ug/l #	50
38) Carbon Tetrachloride	7.82	117	12254	5.676	ug/l #	16
68) m/p-Xylenes	11.71	106	6887	2.020	ug/l	90
69) o-Xylene	12.04	106	3740	1.169	ug/l	93
76) 1,2,3-Trichloropropane	12.49	75	45878	38.966	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	45878	75.788	ug/l #	19

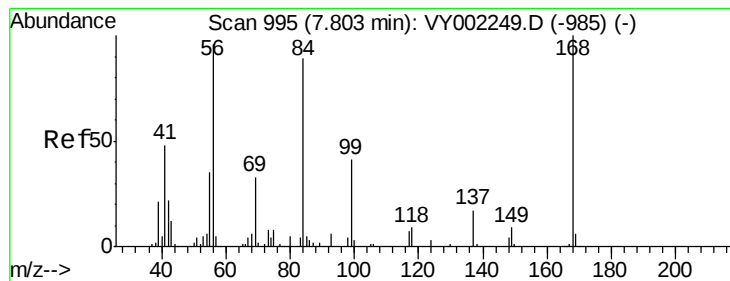
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
Data File : VY002408.D
Acq On : 17 Apr 2020 18:33
Operator : SY/MD
Sample : L2272-02
Misc : 7.30G/5ML/MSVOA Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 18 04:39:57 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.02 min

Lab File: VY002408.D

Acq: 17 Apr 2020 18:33

Instrument :

MSVOA_Y

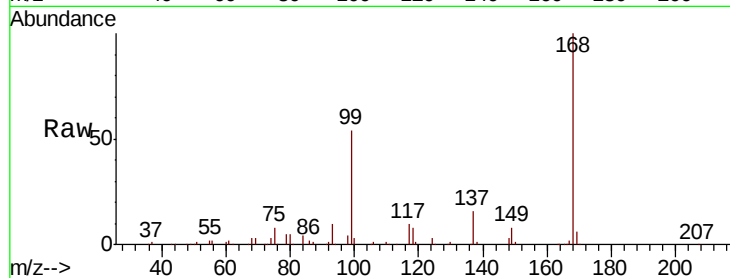
ClientSampleId :

Tot Ion:168 Resp: 129160

Ion Ratio Lower Upper

168 100

99 53.6 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) (-)

7.82

60000

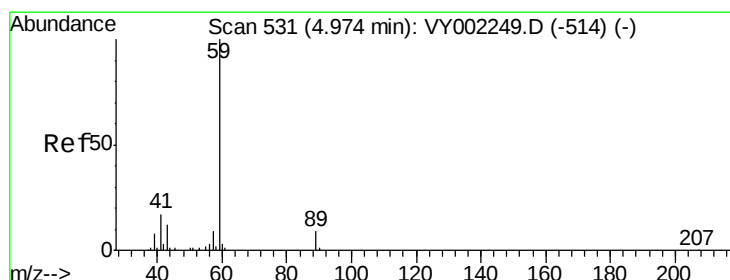
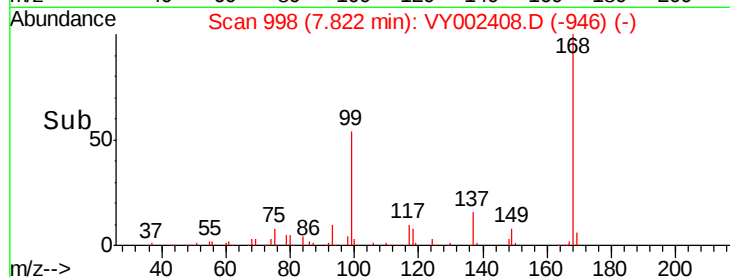
40000

20000

0

7.70 7.80 7.90

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.96 min Scan# 529

Delta R.T. -0.01 min

Lab File: VY002408.D

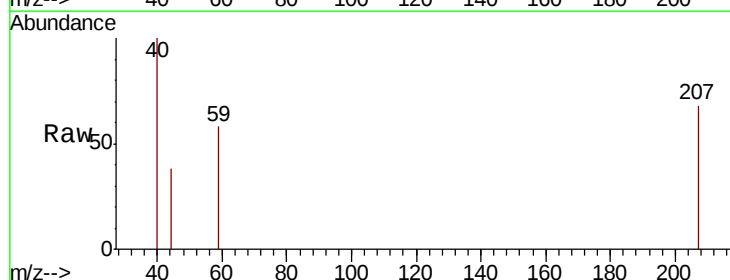
Acq: 17 Apr 2020 18:33

Tgt Ion: 59 Resp: 29

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) (-)

4.96

80

60

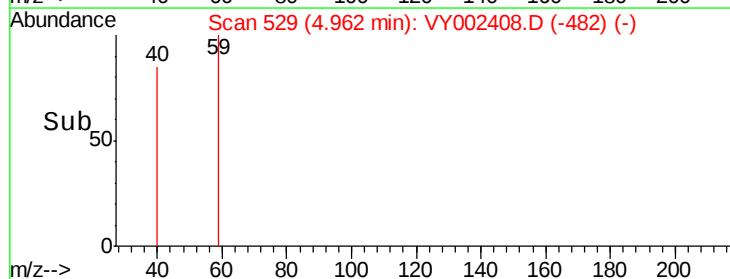
40

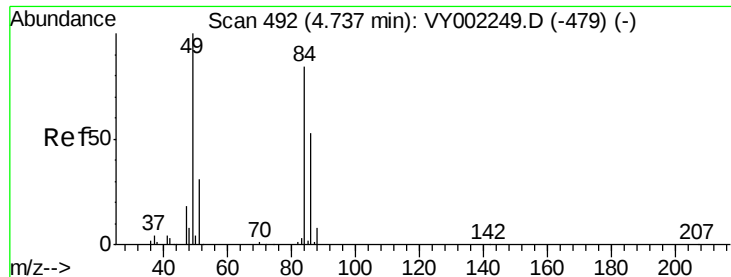
20

0

4.94 4.95 4.96 4.97 4.98

Time-->

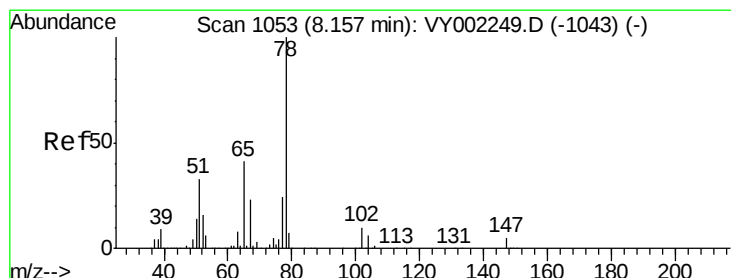
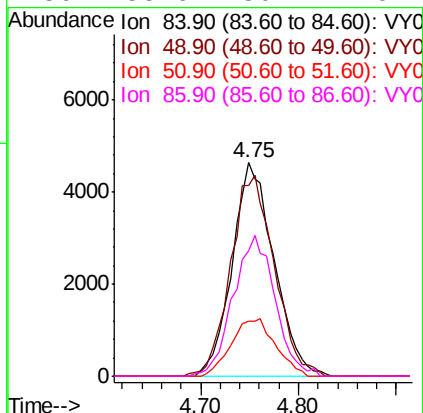
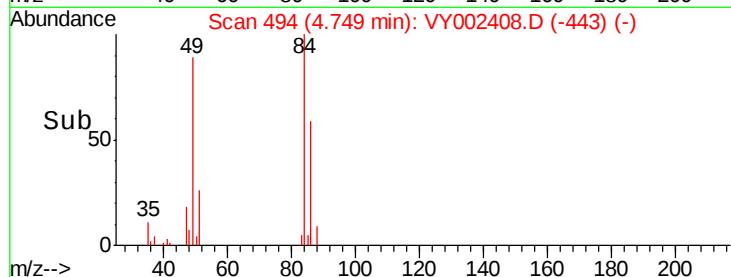
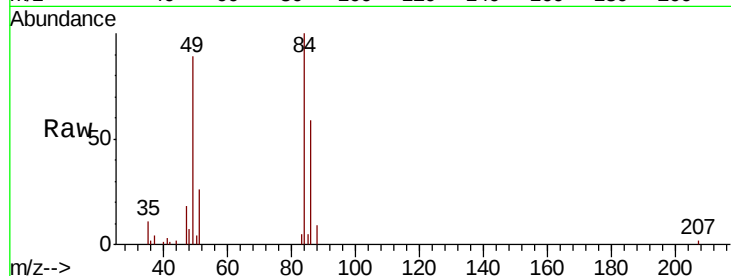




#20
Methvlene Chloride
Concen: 7.412 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.01 min
Lab File: VY002408.D
Acq: 17 Apr 2020 18:33

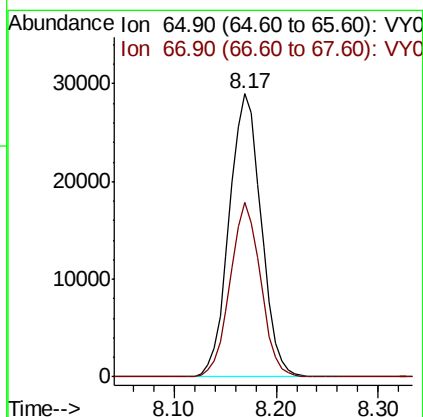
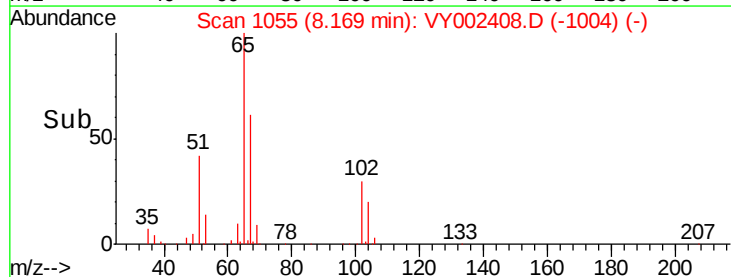
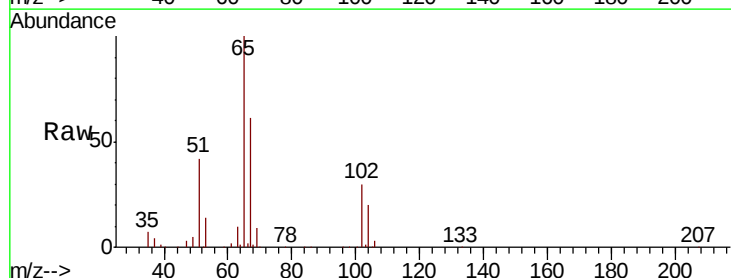
Instrument :
MSVOA_Y
ClientSampleId :

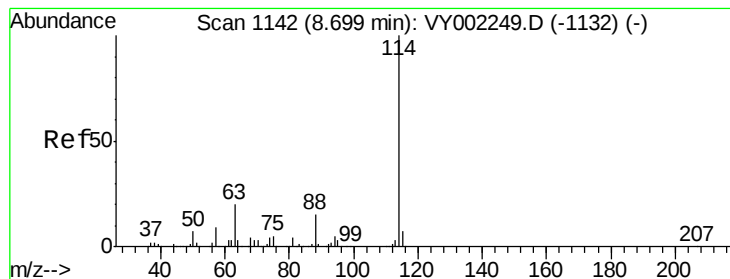
Tot Ion: 84 Resp: 13783
Ion Ratio Lower Upper
84 100
49 89.4 95.5 143.3#
51 25.5 29.5 44.3#
86 58.6 50.7 76.1



#33
1,2-Dichloroethane-d4
Concen: 43.756 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY002408.D
Acq: 17 Apr 2020 18:33

Tgt Ion: 65 Resp: 62849
Ion Ratio Lower Upper
65 100
67 58.7 0.0 114.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY002408.D

Acq: 17 Apr 2020 18:33

Instrument :

MSVOA_Y

ClientSampleId :

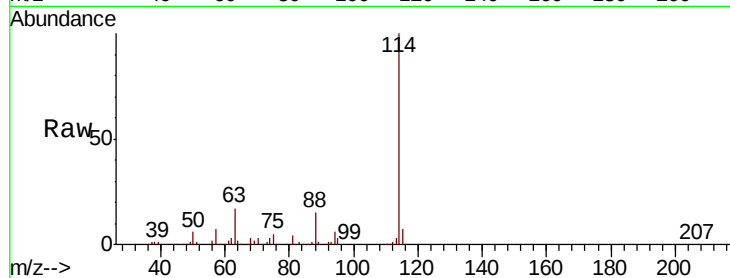
Tot Ion:114 Resp: 256252

Ion Ratio Lower Upper

114 100

63 17.4 0.0 39.0

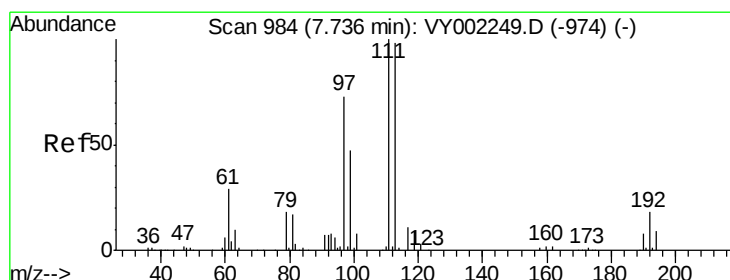
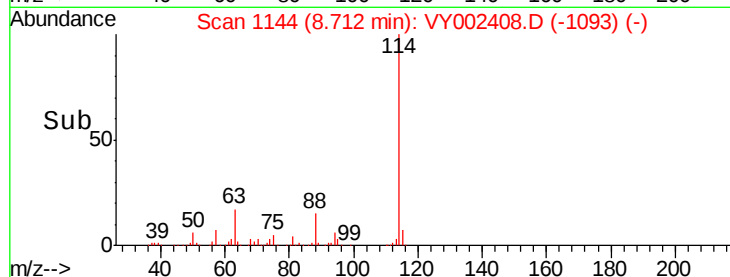
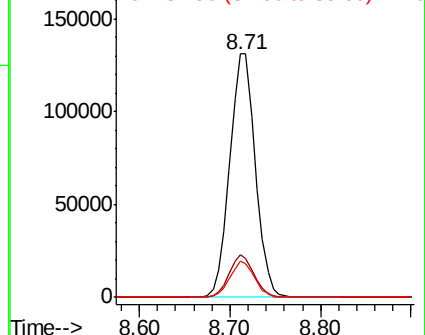
88 14.8 0.0 31.0



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: 48.271 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.02 min

Lab File: VY002408.D

Acq: 17 Apr 2020 18:33

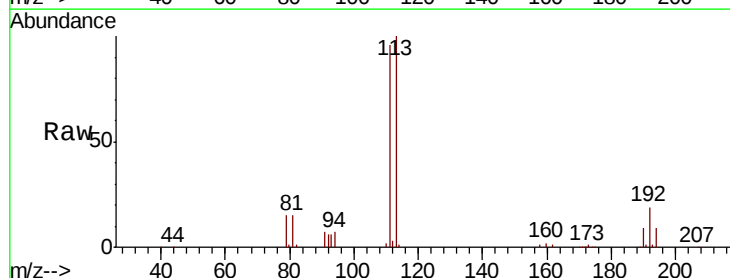
Tgt Ion:113 Resp: 73603

Ion Ratio Lower Upper

113 100

111 101.6 83.5 125.3

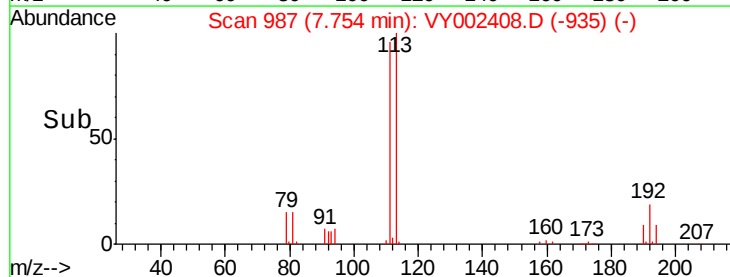
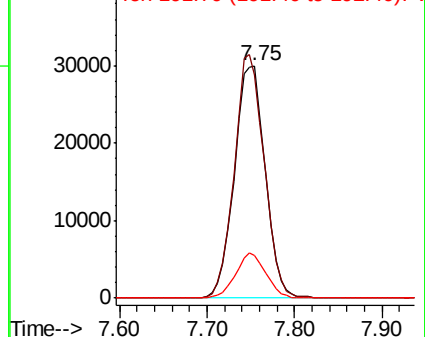
192 19.1 14.7 22.1

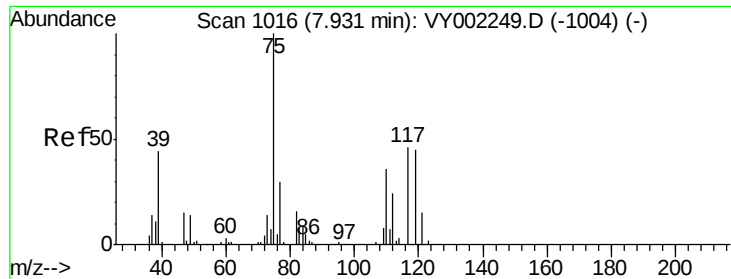


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

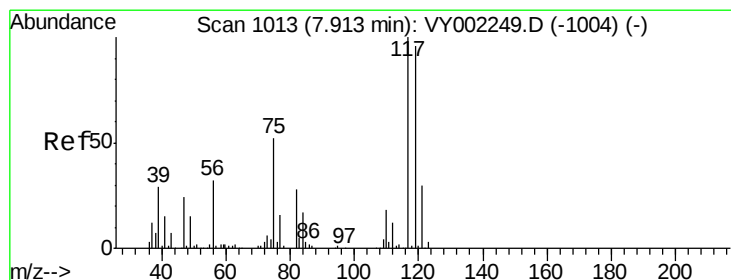
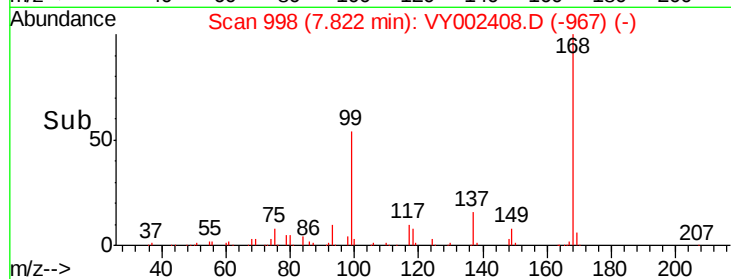
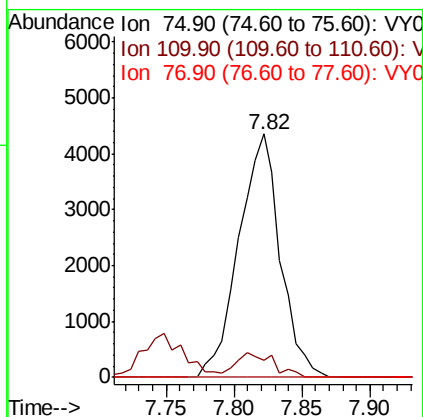
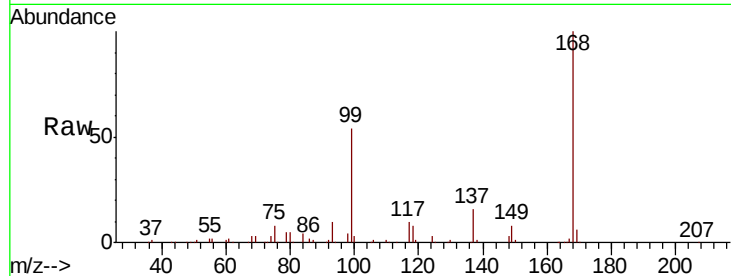




#36
 1,1-Dichloropropene
 Concen: 3.665 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.11 min
 Lab File: VY002408.D
 Acq: 17 Apr 2020 18:33

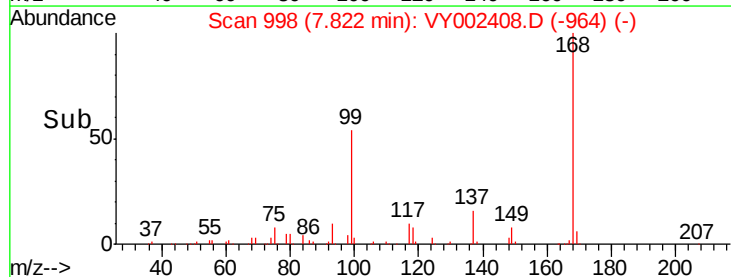
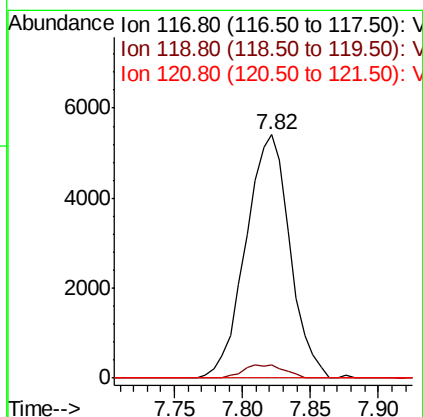
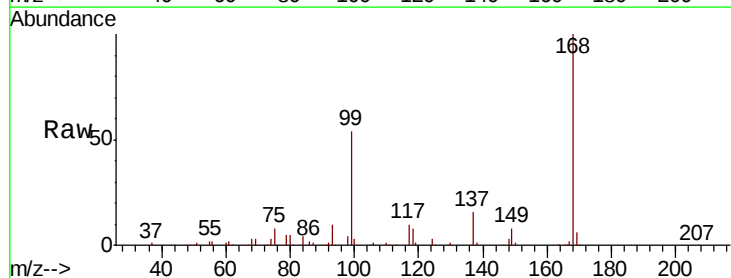
Instrument :
 MSVOA_Y
 ClientSampled :

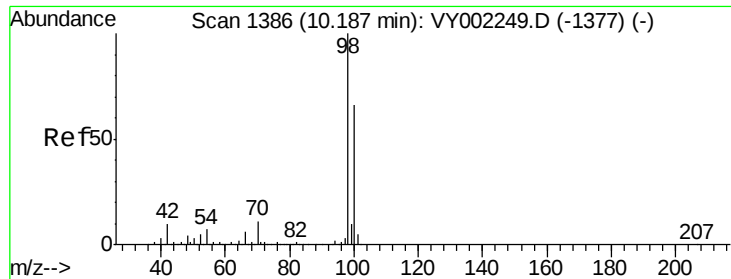
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.2	17.8	53.3#
77	0.0	24.4	36.6#



#38
 Carbon Tetrachloride
 Concen: 5.676 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.09 min
 Lab File: VY002408.D
 Acq: 17 Apr 2020 18:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.6	77.1	115.7#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 47.616 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY002408.D

Acq: 17 Apr 2020 18:33

Instrument :

MSVOA_Y

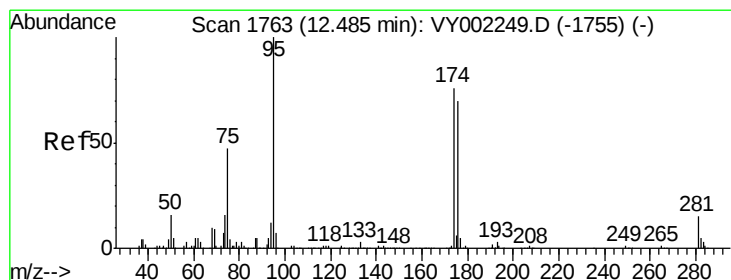
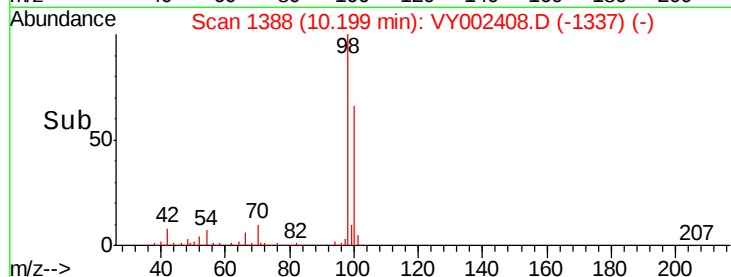
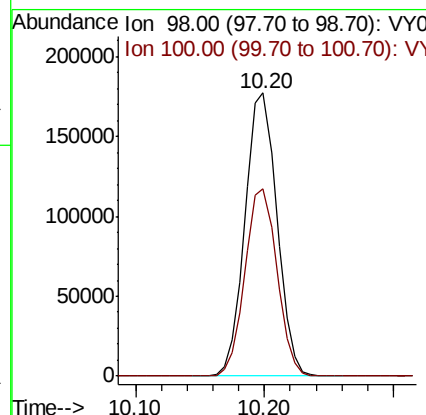
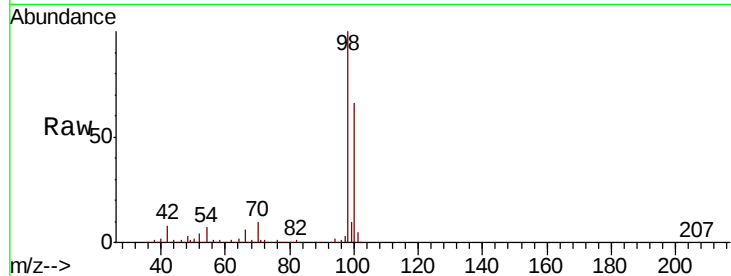
ClientSampleId :

Tot Ion: 98 Resp: 303891

Ion Ratio Lower Upper

98 100

100 66.4 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 46.123 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002408.D

Acq: 17 Apr 2020 18:33

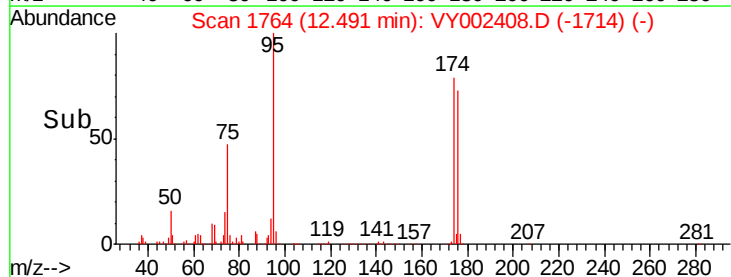
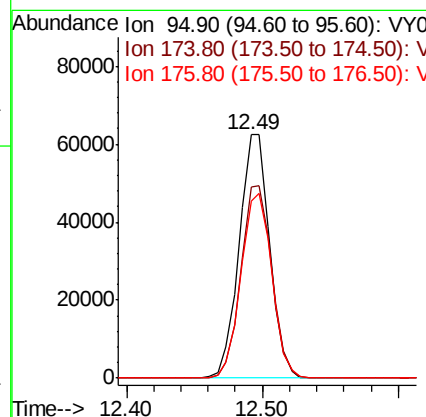
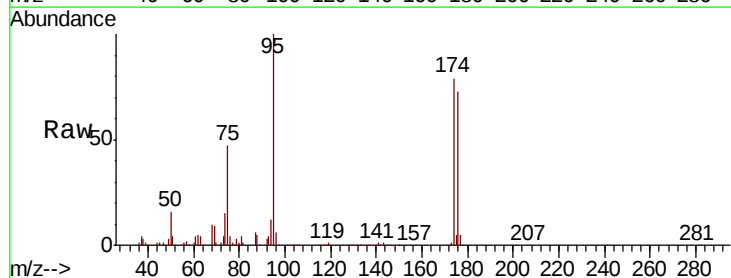
Tgt Ion: 95 Resp: 97115

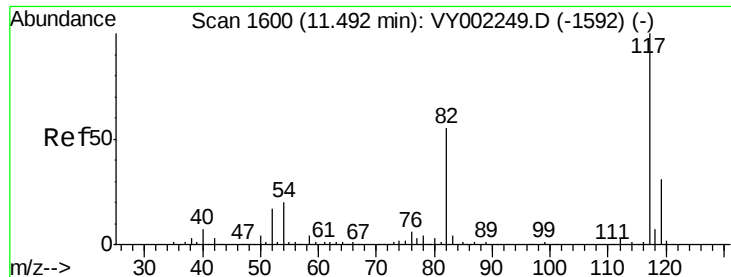
Ion Ratio Lower Upper

95 100

174 80.3 0.0 150.6

176 77.1 0.0 141.4

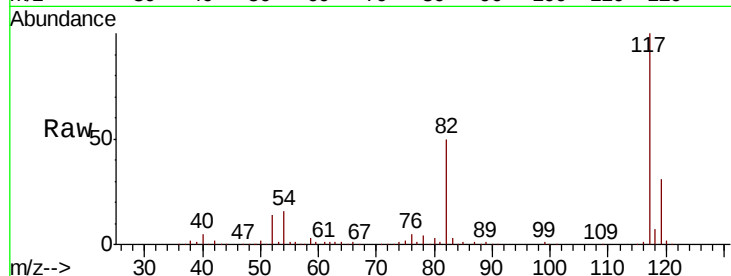




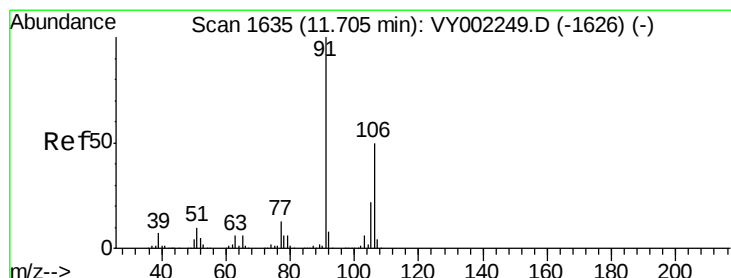
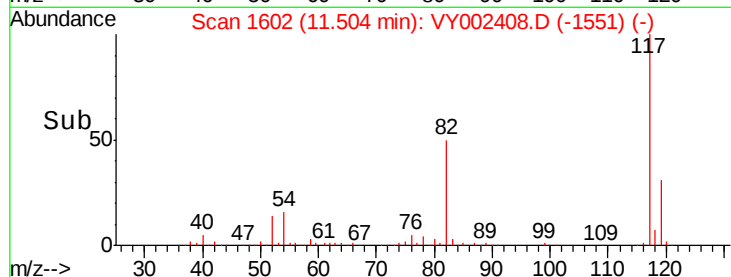
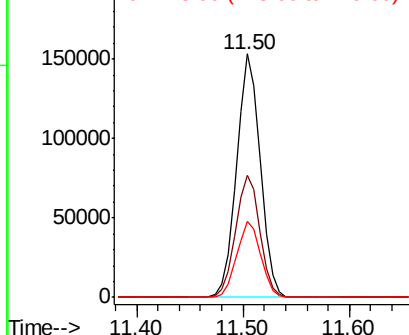
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002408.D
Acq: 17 Apr 2020 18:33

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 239187
Ion Ratio Lower Upper
117 100
82 50.0 44.2 66.4
119 31.1 25.1 37.7

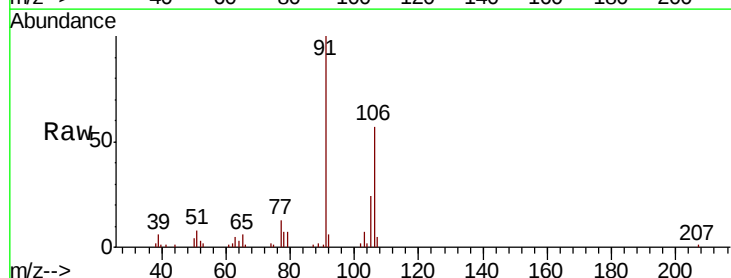


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

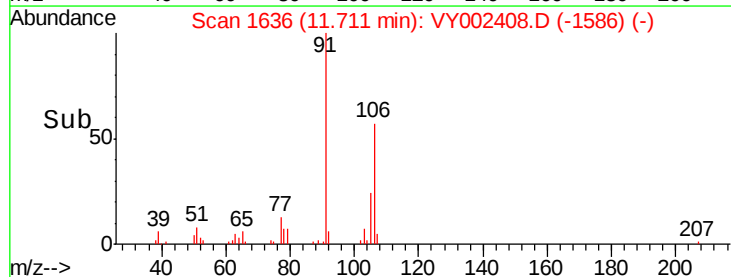
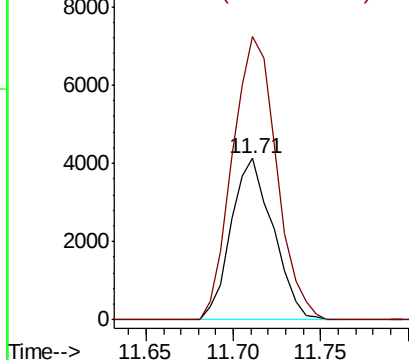


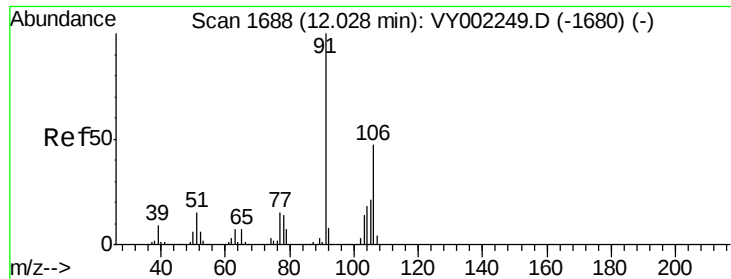
#68
m/p-Xylenes
Concen: 2.020 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VY002408.D
Acq: 17 Apr 2020 18:33

Tgt Ion:106 Resp: 6887
Ion Ratio Lower Upper
106 100
91 184.1 159.8 239.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

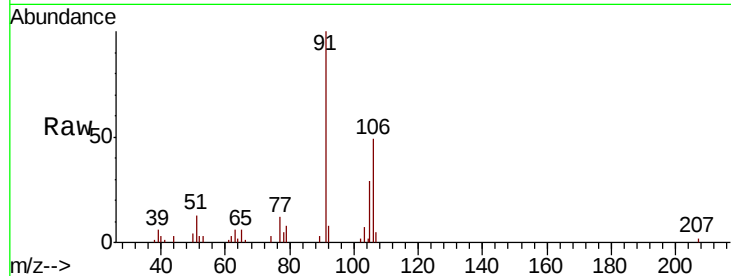




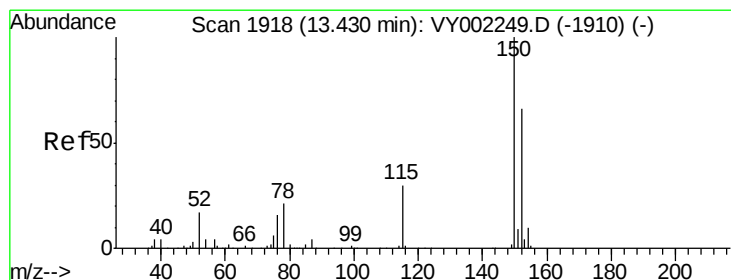
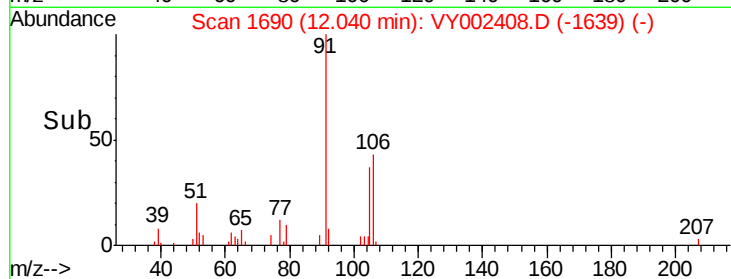
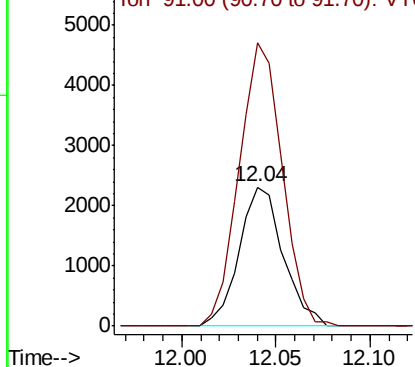
#69
o-Xylene
Concen: 1.169 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY002408.D
Acq: 17 Apr 2020 18:33

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 3740
Ion Ratio Lower Upper
106 100
91 199.9 105.8 317.3

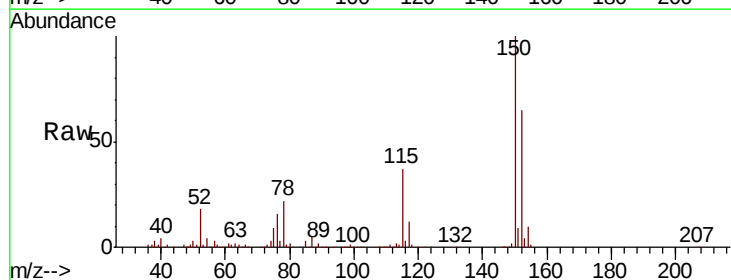


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

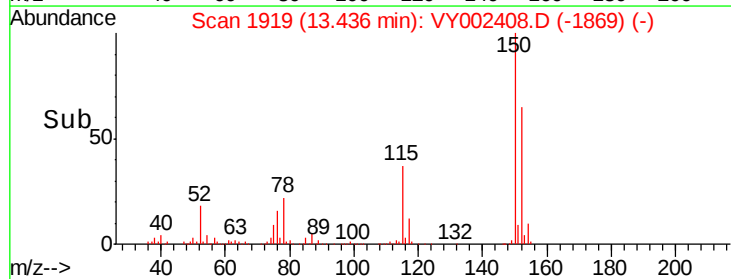
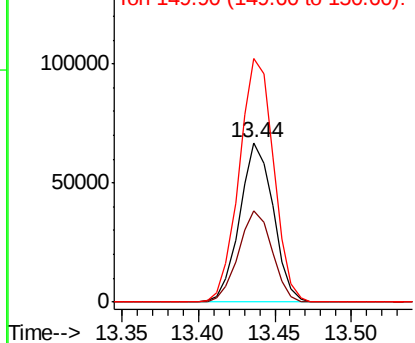


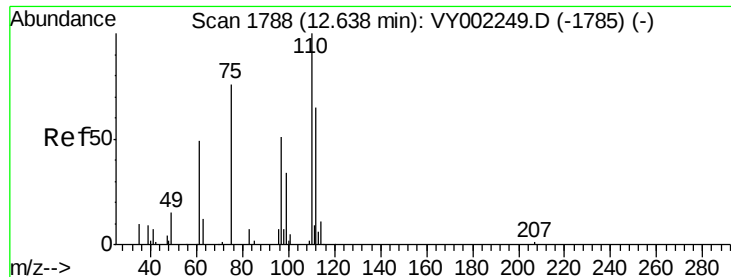
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002408.D
Acq: 17 Apr 2020 18:33

Tgt Ion:152 Resp: 101392
Ion Ratio Lower Upper
152 100
115 57.8 30.7 92.1
150 157.3 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: 38.966 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002408.D

Acq: 17 Apr 2020 18:33

Instrument :

MSVOA_Y

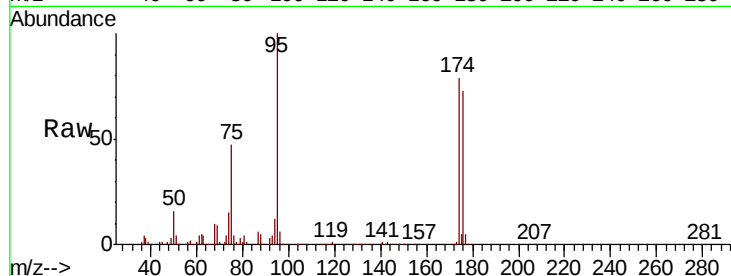
ClientSampleId :

Tot Ion: 75 Resp: 45878

Ion Ratio Lower Upper

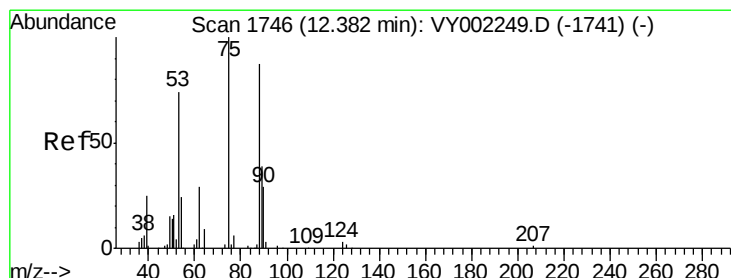
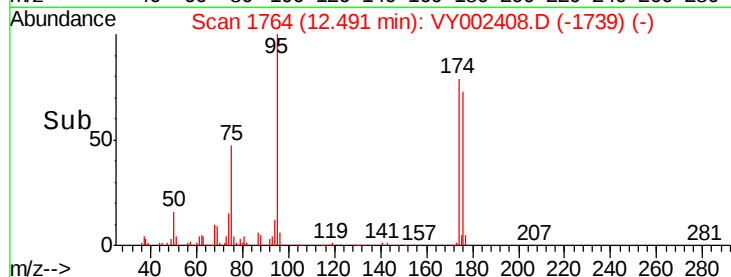
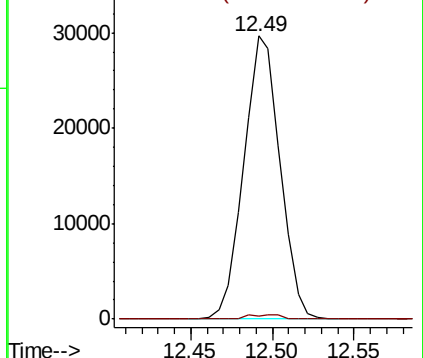
75 100

77 1.6 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: 75.788 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.11 min

Lab File: VY002408.D

Acq: 17 Apr 2020 18:33

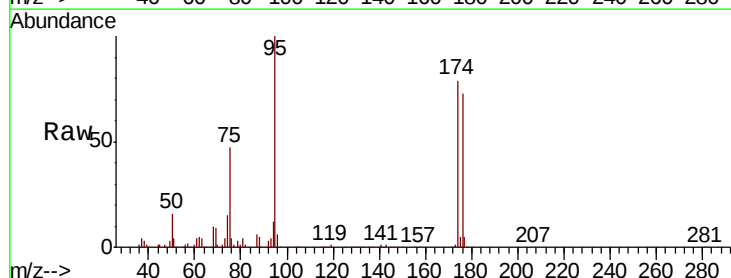
Tgt Ion: 75 Resp: 45878

Ion Ratio Lower Upper

75 100

53 0.0 59.8 89.8#

89 0.1 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

