

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041620\
 Data File : VY002372.D
 Acq On : 16 Apr 2020 17:09
 Operator : SY/MD
 Sample : L2243-15RE
 Misc : 6.79G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 17 07:06:40 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

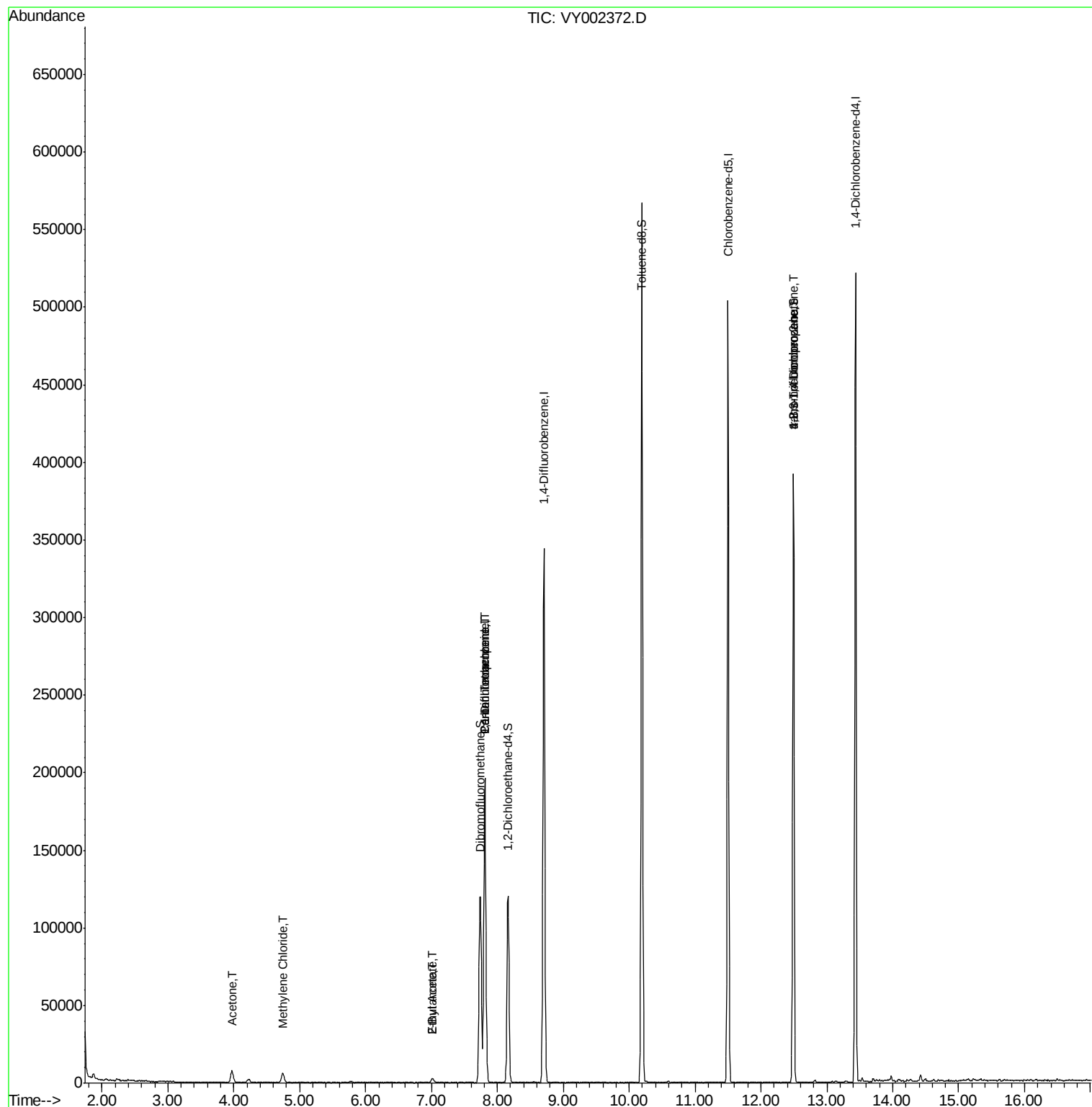
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	153412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	306377	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	288494	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	124583	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	87594	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
35) Dibromofluoromethane	7.74	113	90757	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
50) Toluene-d8	10.19	98	372256	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
62) 4-Bromofluorobenzene	12.49	95	130515	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
Target Compounds						
					Qvalue	
16) Acetone	3.97	43	14105	31.390	ug/l	96
20) Methylene Chloride	4.74	84	4903	2.220	ug/l #	94
25) 2-Butanone	7.01	43	4390	6.173	ug/l #	85
36) 1,1-Dichloropropene	7.81	75	12605	4.177	ug/l #	49
37) Ethyl Acetate	7.01	43	4390	2.546	ug/l #	67
38) Carbon Tetrachloride	7.81	117	15580	6.036	ug/l #	14
76) 1,2,3-Trichloropropane	12.49	75	61948	42.821	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	61948	83.286	ug/l #	19

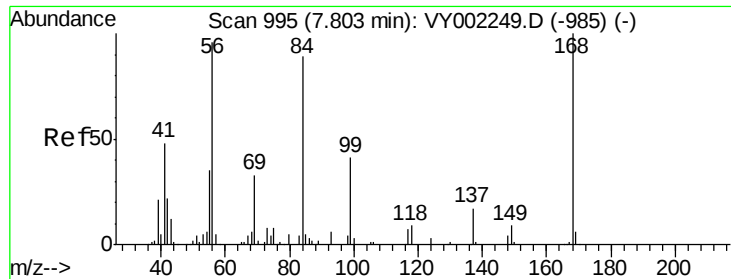
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002372.D

Acq: 16 Apr 2020 17:09

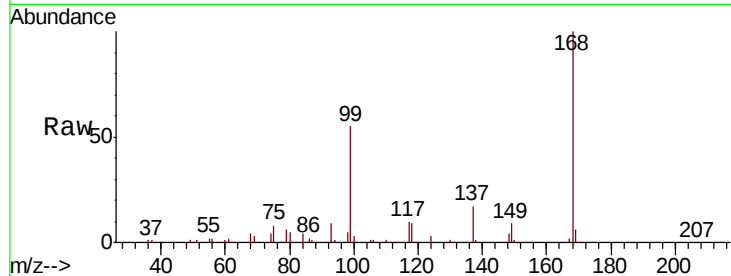
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 153412

Ion Ratio Lower Upper

168 100

99 55.4 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) (-)

7.81

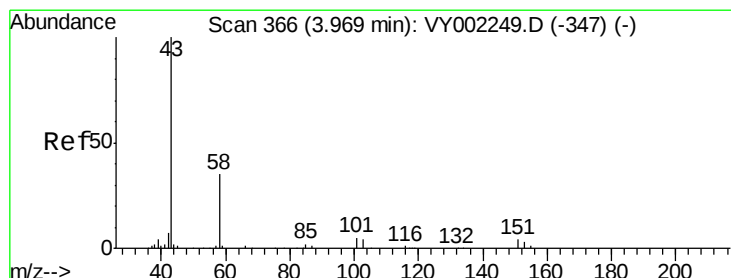
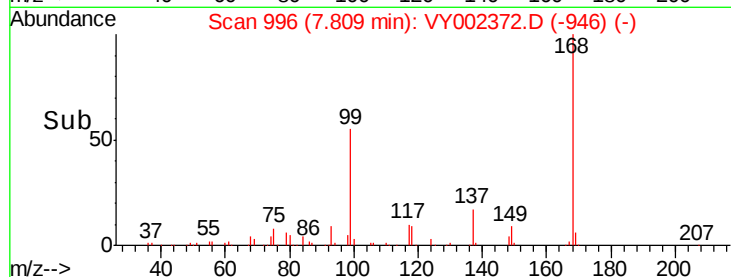
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 31.390 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.00 min

Lab File: VY002372.D

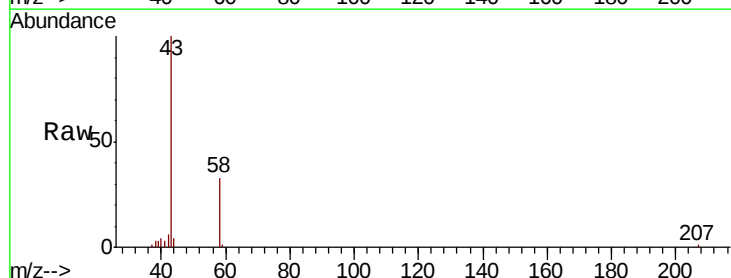
Acq: 16 Apr 2020 17:09

Tgt Ion: 43 Resp: 14105

Ion Ratio Lower Upper

43 100

58 33.4 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002249.D (-347) (-)

3.97

6000

5000

4000

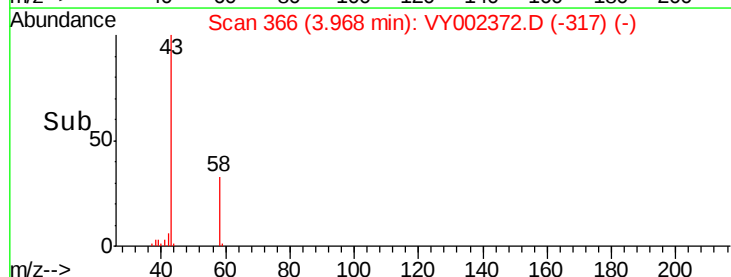
3000

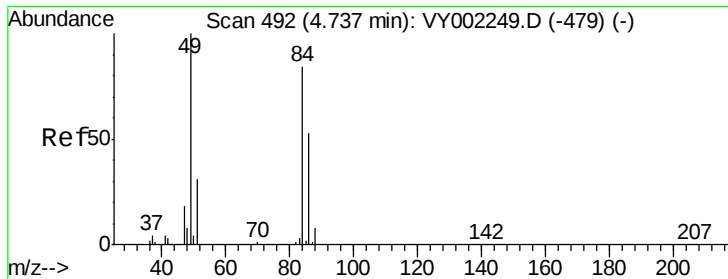
2000

1000

0

Time-->

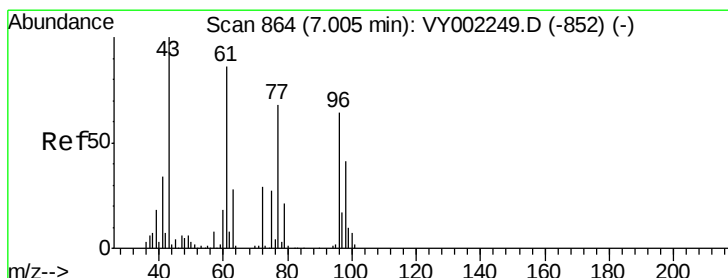
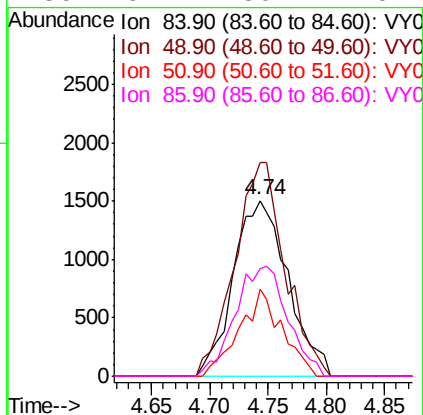
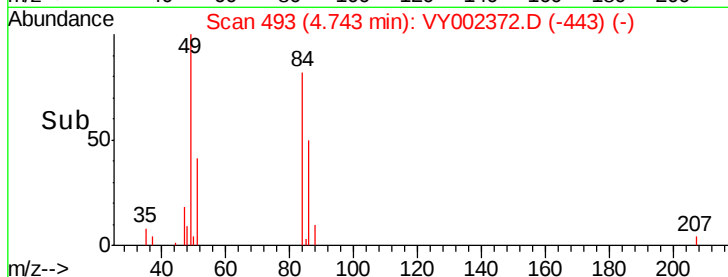
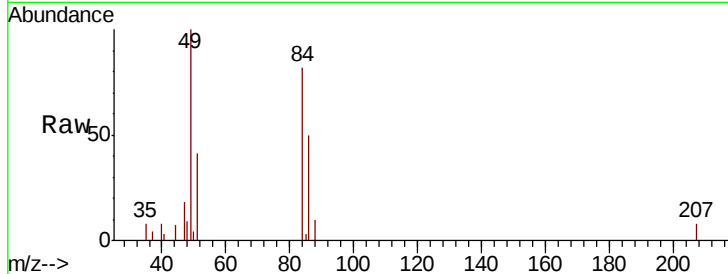




#20
Methylene Chloride
Concen: 2.220 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002372.D
Acq: 16 Apr 2020 17:09

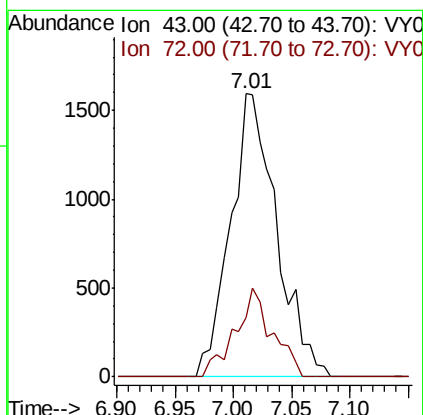
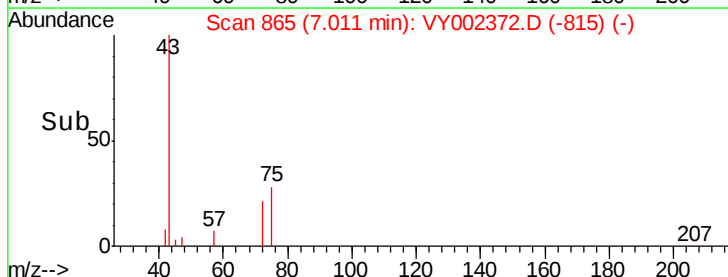
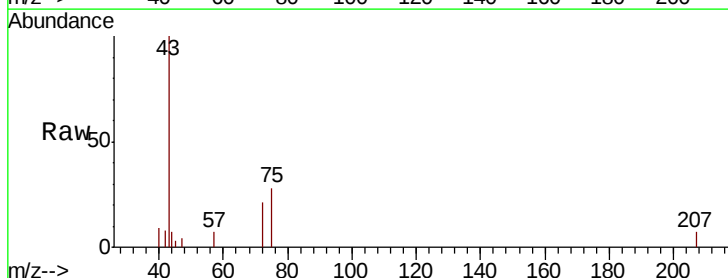
Instrument :
MSVOA_Y
ClientSampled :

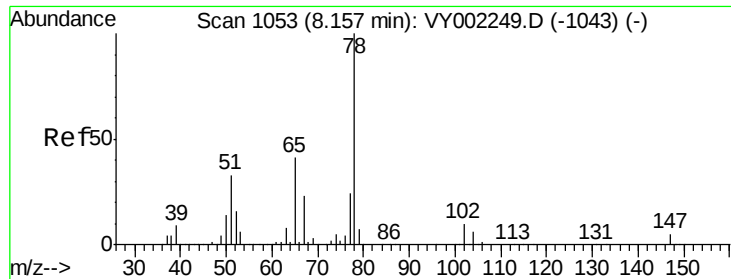
Tot Ion: 84 Resp: 4903
Ion Ratio Lower Upper
84 100
49 121.8 95.5 143.3
51 49.6 29.5 44.3#
86 61.2 50.7 76.1



#25
2-Butanone
Concen: 6.173 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY002372.D
Acq: 16 Apr 2020 17:09

Tgt Ion: 43 Resp: 4390
Ion Ratio Lower Upper
43 100
72 21.2 23.2 34.8#





#33

1,2-Dichloroethane-d4

Concen: 51.343 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VY002372.D

Acq: 16 Apr 2020 17:09

Instrument :

MSVOA_Y

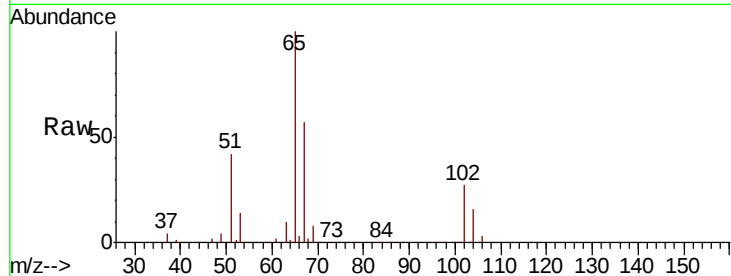
ClientSampleId :

Tot Ion: 65 Resp: 87594

Ion Ratio Lower Upper

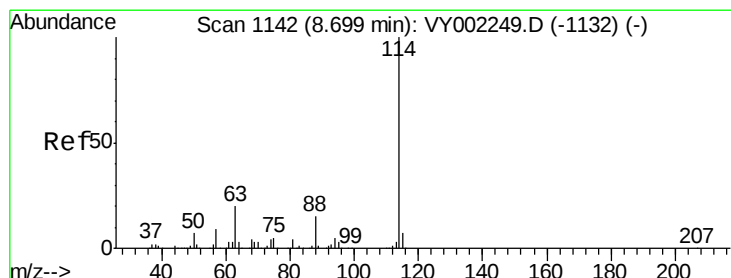
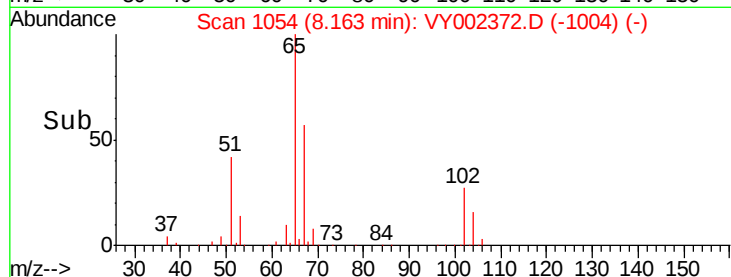
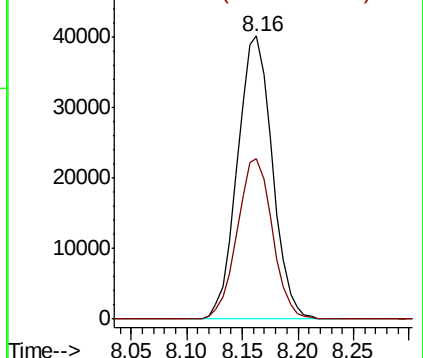
65 100

67 57.2 0.0 114.0



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# 1143

Delta R.T. 0.01 min

Lab File: VY002372.D

Acq: 16 Apr 2020 17:09

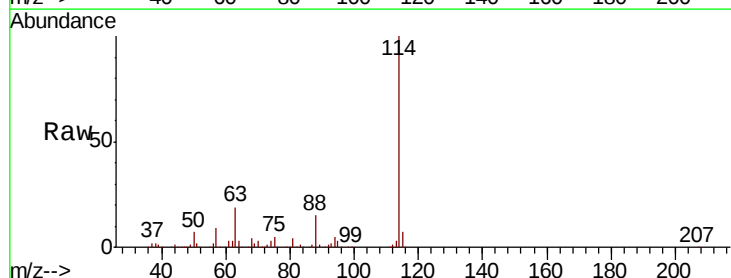
Tgt Ion: 114 Resp: 306377

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.0

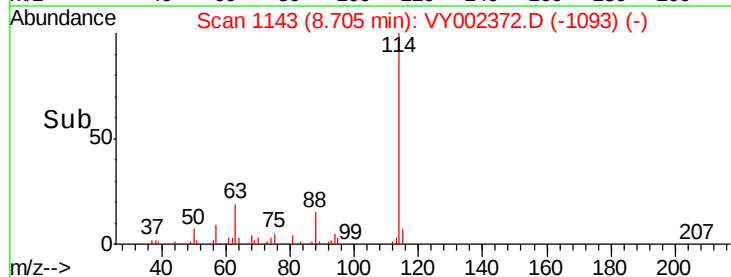
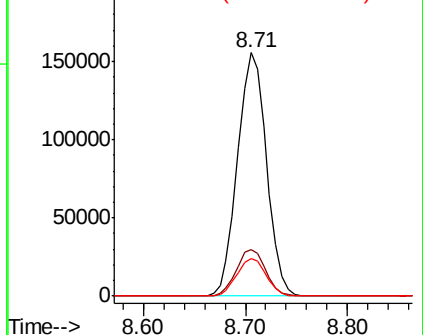
88 15.3 0.0 31.0

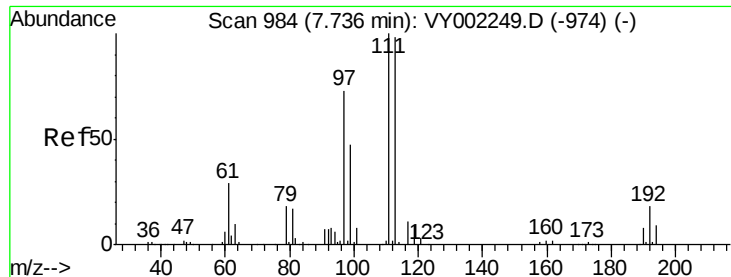


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

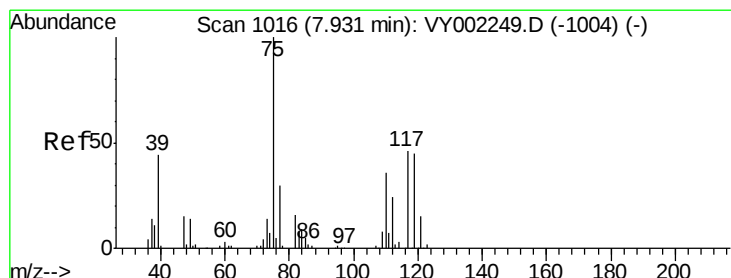
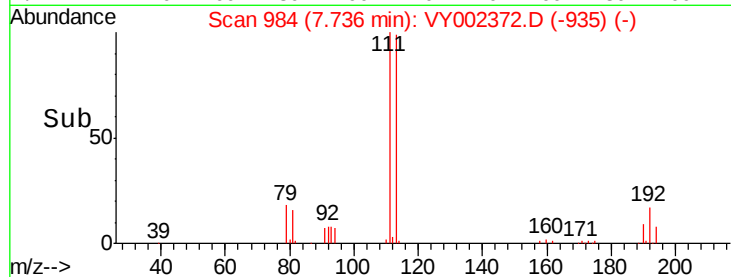
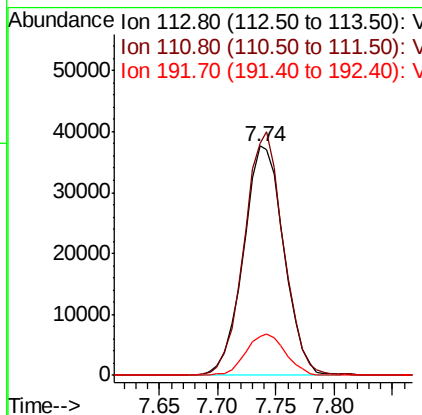
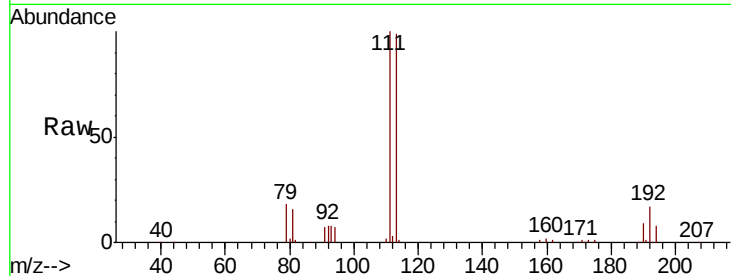




#35
 Dibromofluoromethane
 Concen: 49.783 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: VY002372.D
 Acq: 16 Apr 2020 17:09

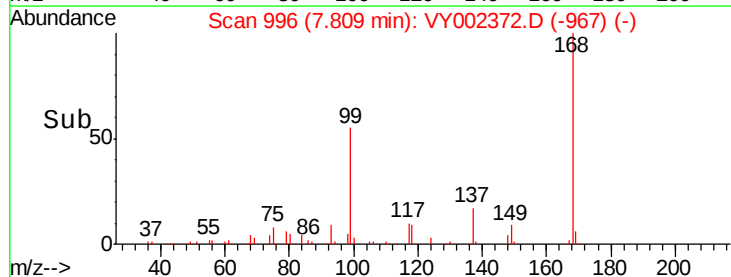
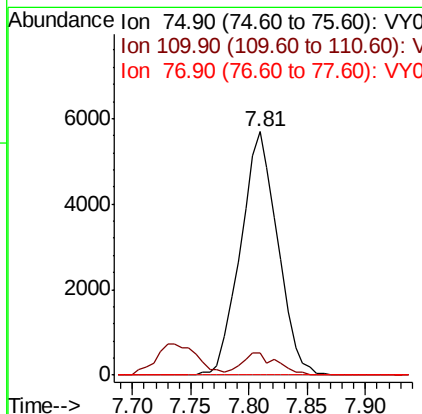
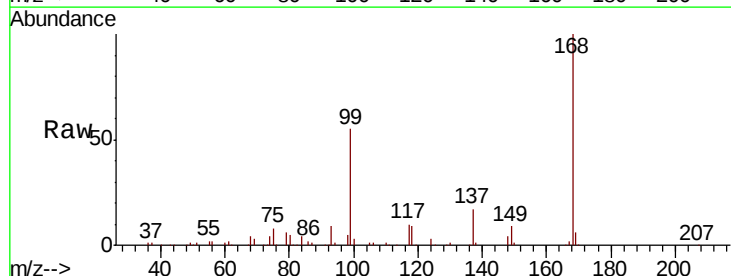
Instrument :
 MSVOA_Y
 ClientSampled :

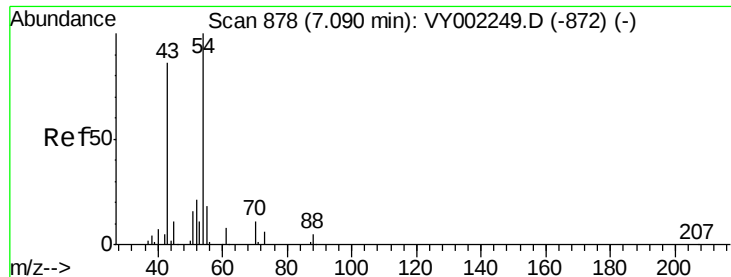
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.5	125.3
192	17.7	14.7	22.1



#36
 1,1-Dichloropropene
 Concen: 4.177 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.12 min
 Lab File: VY002372.D
 Acq: 16 Apr 2020 17:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.8	53.3#
77	0.0	24.4	36.6#

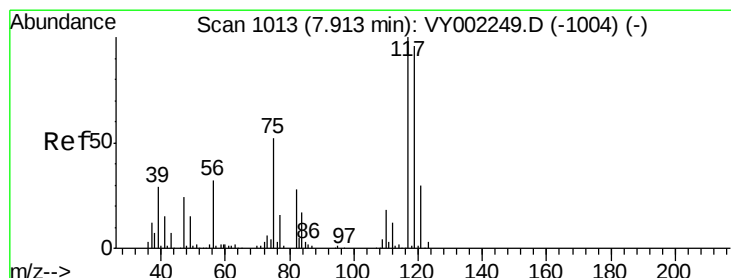
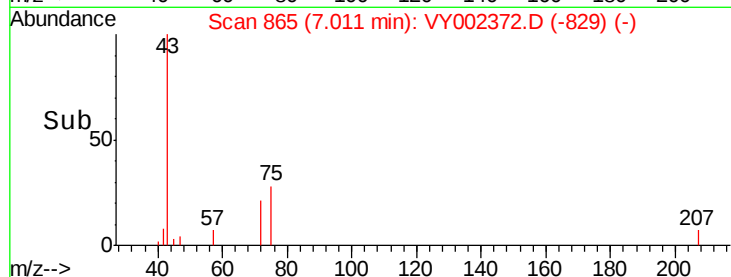
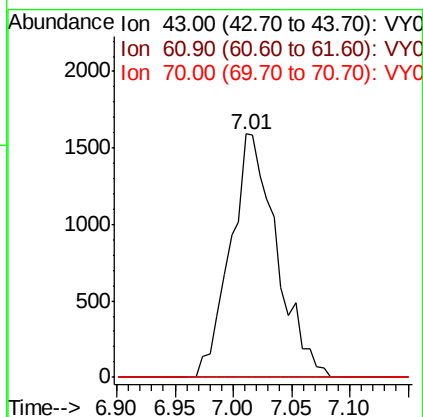
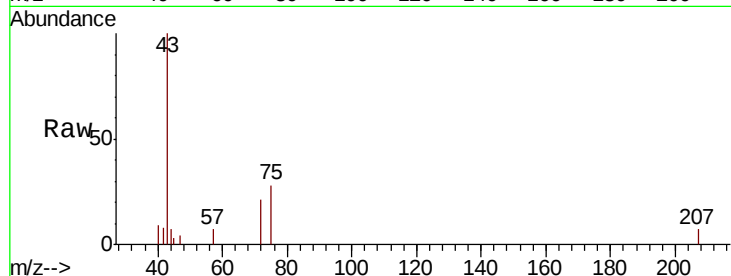




#37
Ethyl Acetate
Concen: 2.546 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.08 min
Lab File: VY002372.D
Acq: 16 Apr 2020 17:09

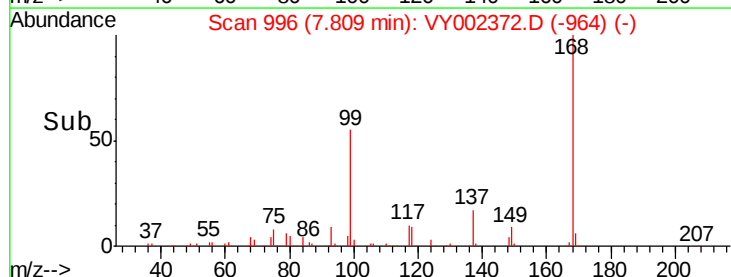
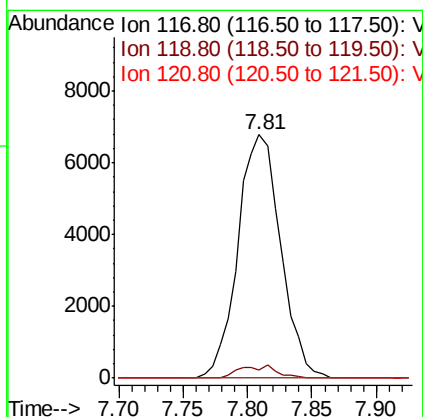
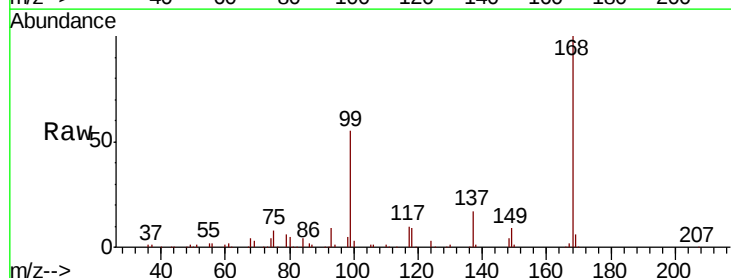
Instrument :
MSVOA_Y
ClientSampleId :

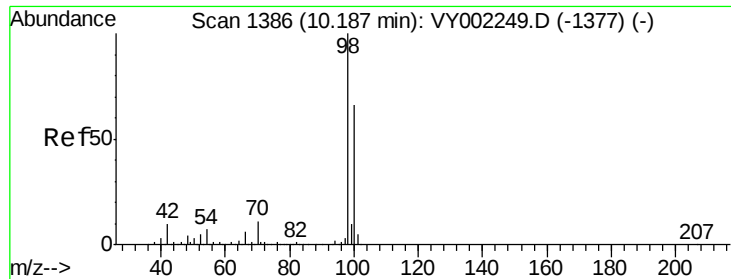
Tot Ion: 43 Resp: 4390
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.1 13.7#



#38
Carbon Tetrachloride
Concen: 6.036 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.10 min
Lab File: VY002372.D
Acq: 16 Apr 2020 17:09

Tgt Ion: 117 Resp: 15580
Ion Ratio Lower Upper
117 100
119 3.3 77.1 115.7#
121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 48.785 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002372.D

Acq: 16 Apr 2020 17:09

Instrument :

MSVOA_Y

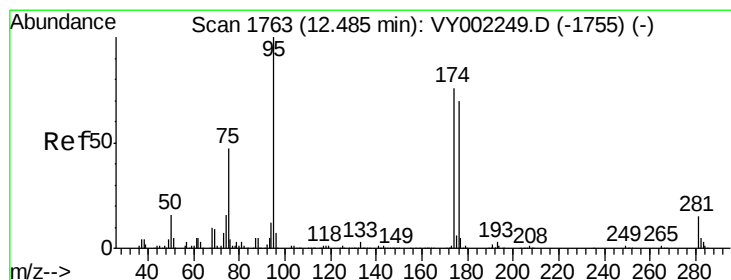
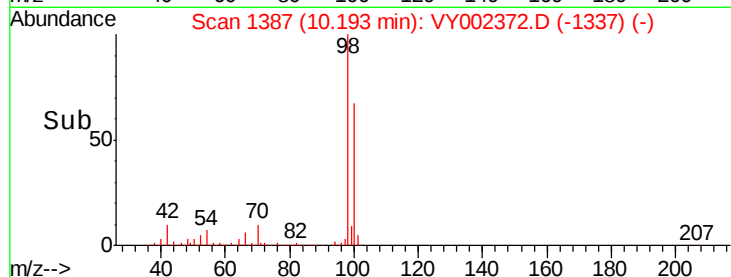
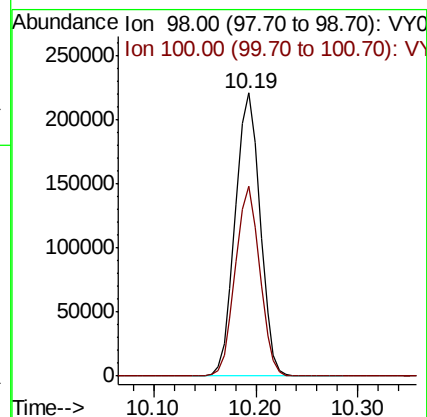
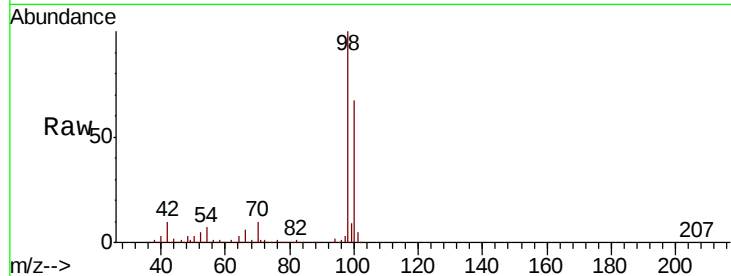
ClientSampleId :

Tot Ion: 98 Resp: 372256

Ion Ratio Lower Upper

98 100

100 65.8 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 51.845 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002372.D

Acq: 16 Apr 2020 17:09

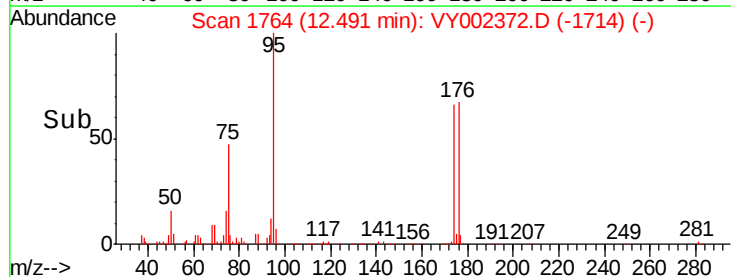
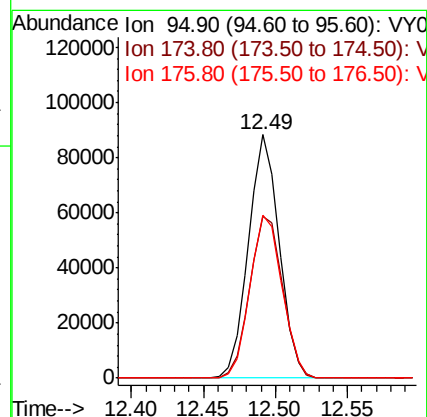
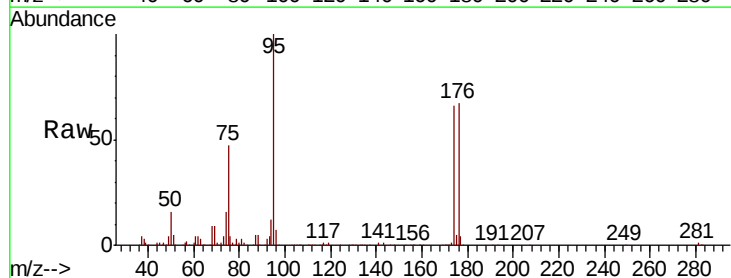
Tgt Ion: 95 Resp: 130515

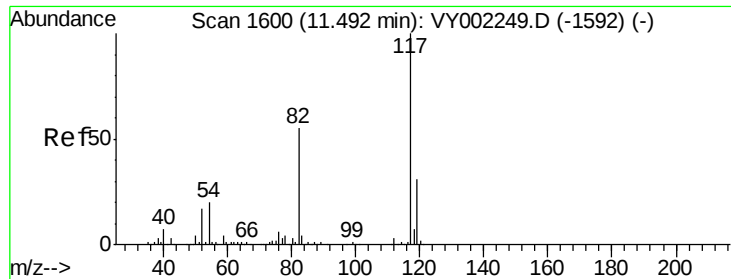
Ion Ratio Lower Upper

95 100

174 71.1 0.0 150.6

176 69.9 0.0 141.4

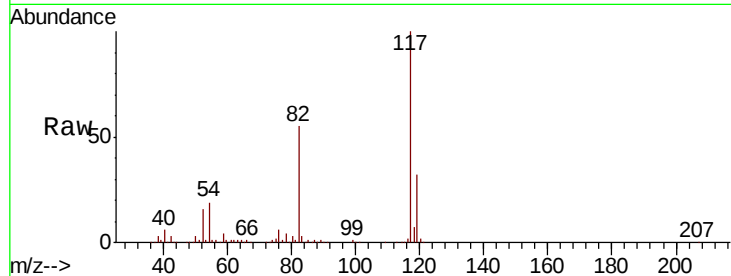




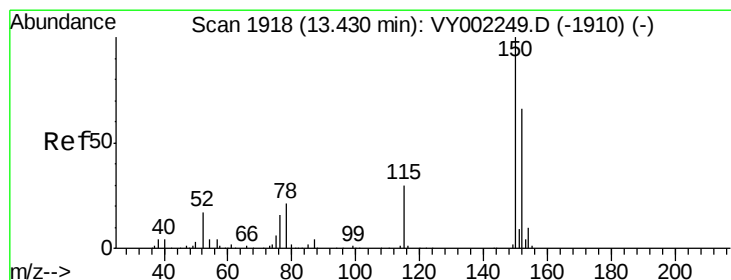
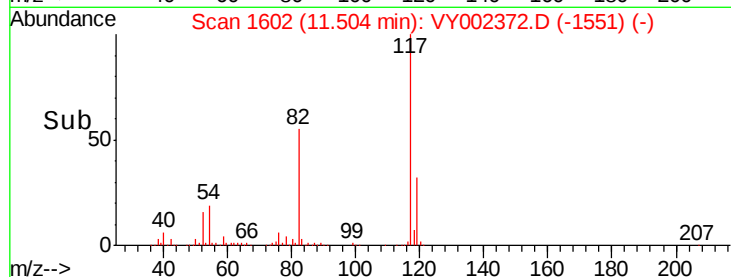
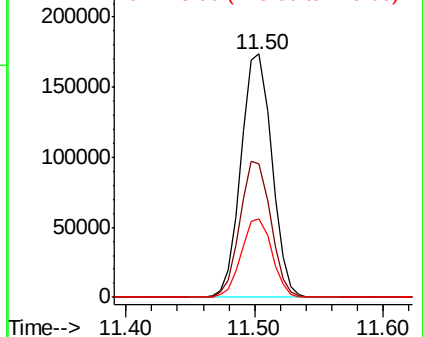
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002372.D
Acq: 16 Apr 2020 17:09

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 288494
Ion Ratio Lower Upper
117 100
82 55.1 44.2 66.4
119 32.0 25.1 37.7

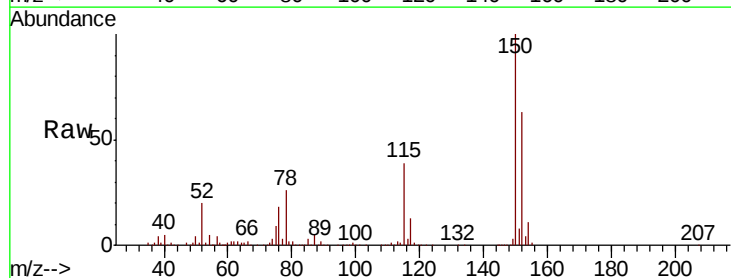


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

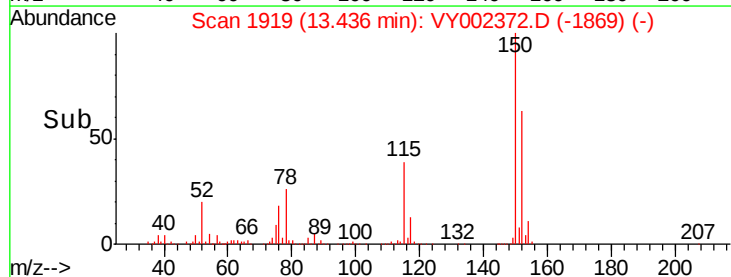
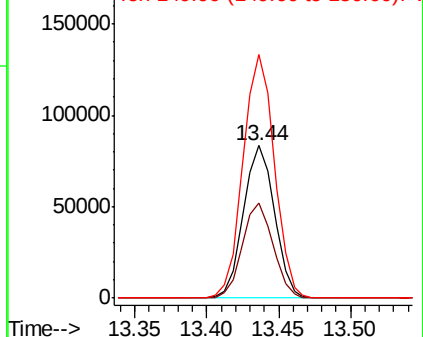


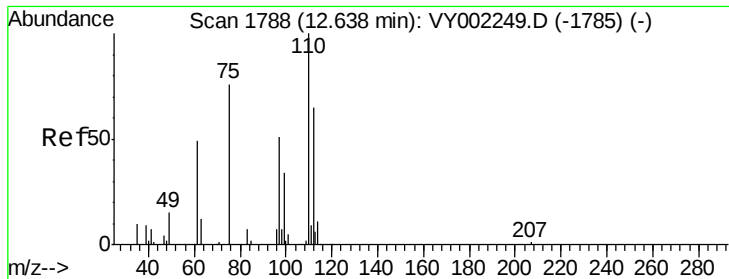
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002372.D
Acq: 16 Apr 2020 17:09

Tgt Ion:152 Resp: 124583
Ion Ratio Lower Upper
152 100
115 61.7 30.7 92.1
150 160.9 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

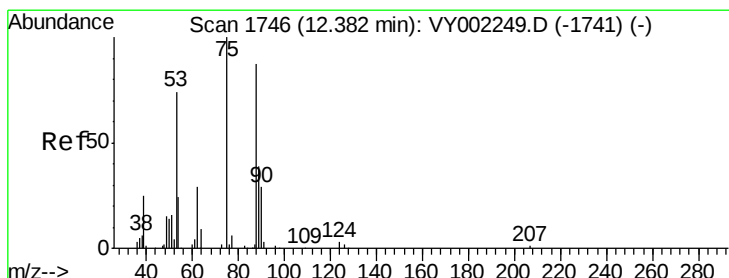
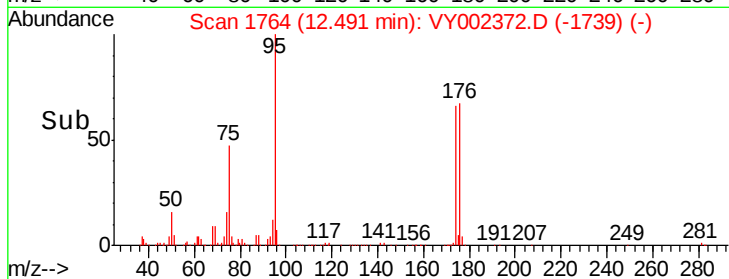
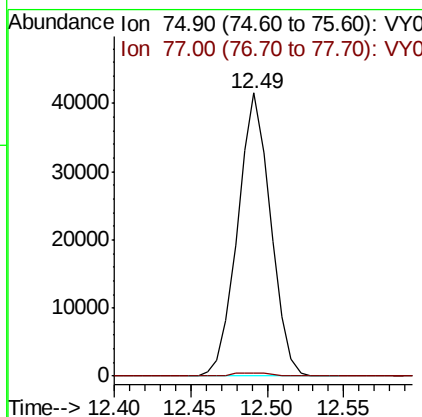
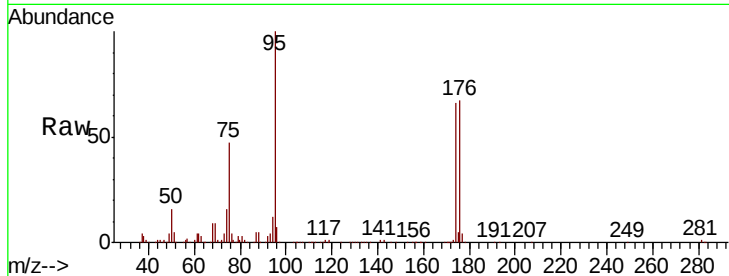




#76
 1,2,3-Trichloropropane
 Concen: 42.821 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.15 min
 Lab File: VY002372.D
 Acq: 16 Apr 2020 17:09

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 61948
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.286 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.11 min
 Lab File: VY002372.D
 Acq: 16 Apr 2020 17:09

Tgt Ion: 75 Resp: 61948
 Ion Ratio Lower Upper
 75 100
 53 0.0 59.8 89.8#
 89 0.1 37.0 55.6#

