

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041620\
 Data File : VY002359.D
 Acq On : 16 Apr 2020 12:18
 Operator : SY/MD
 Sample : L2245-03RE
 Misc : 6.18G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 17 07:04:35 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

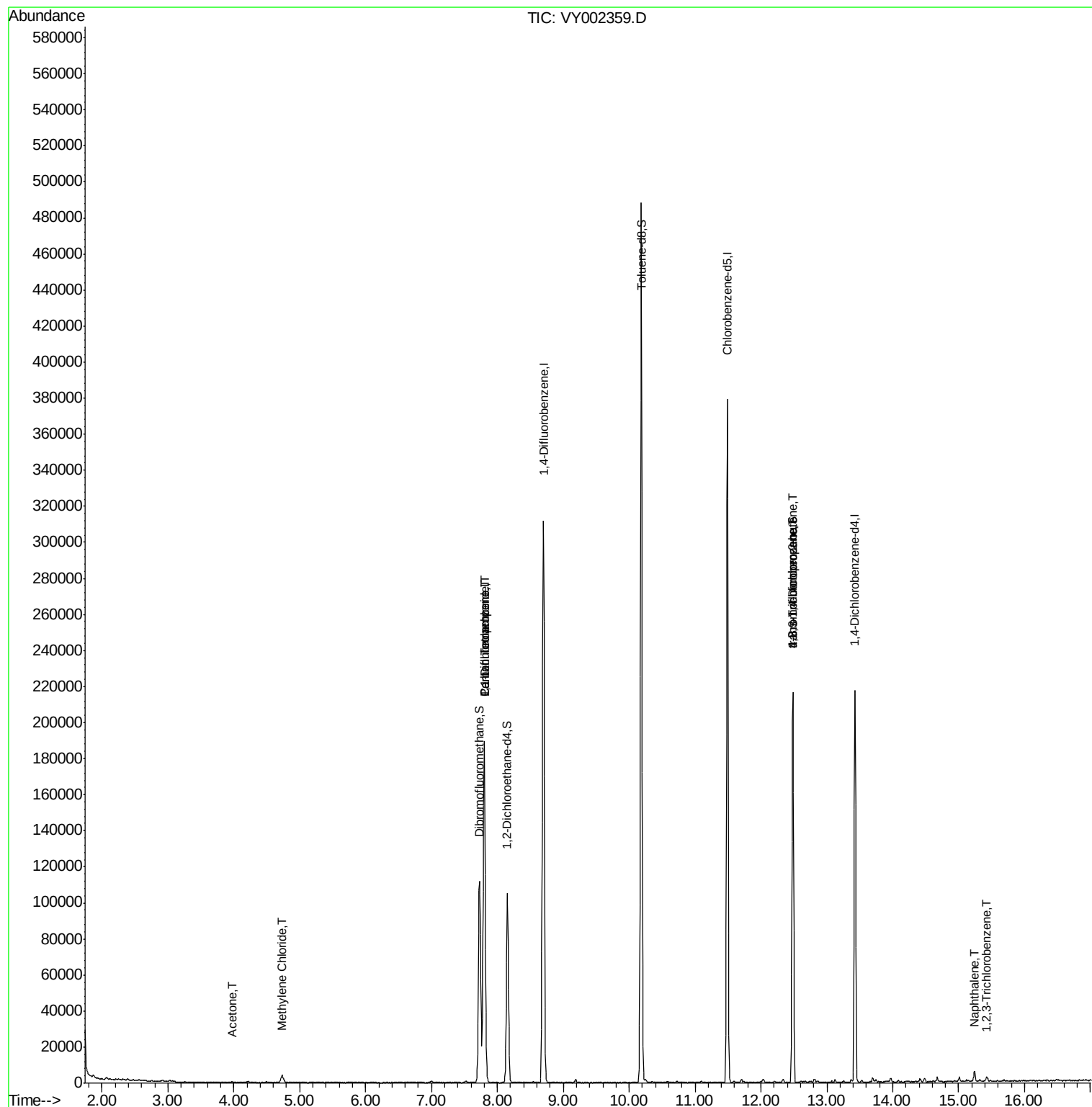
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	145685	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	282214	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	208913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	57398	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	74971	46.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.54%	
35) Dibromofluoromethane	7.73	113	82221	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
50) Toluene-d8	10.18	98	327758	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	
62) 4-Bromofluorobenzene	12.49	95	74060	31.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.88%	
Target Compounds						
					Qvalue	
16) Acetone	3.97	43	834	1.954	ug/l #	79
20) Methylene Chloride	4.74	84	3060	1.459	ug/l #	85
36) 1,1-Dichloropropene	7.80	75	11816	4.251	ug/l #	49
38) Carbon Tetrachloride	7.80	117	14415	6.063	ug/l #	15
76) 1,2,3-Trichloropropane	12.49	75	34488	51.744	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	34488	100.641	ug/l #	19
95) Naphthalene	15.24	128	4580	1.832	ug/l #	97
96) 1,2,3-Trichlorobenzene	15.42	180	994	1.002	ug/l	90

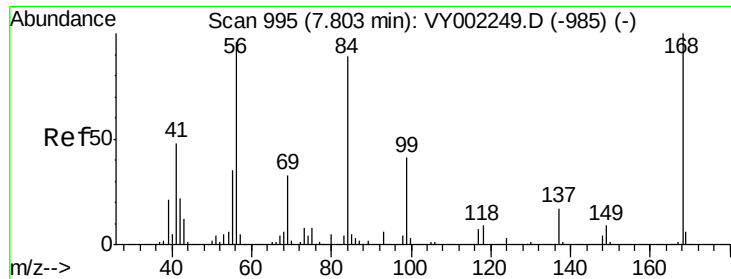
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY002359.D

Acq: 16 Apr 2020 12:18

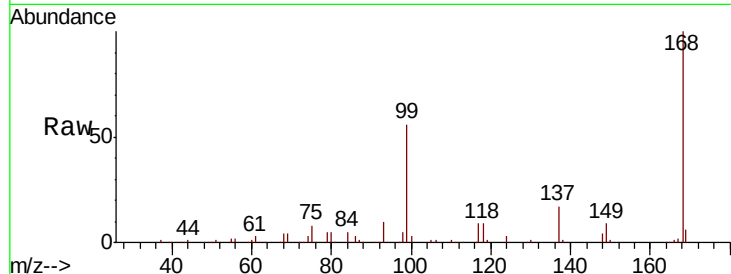
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 145685

Ion Ratio Lower Upper

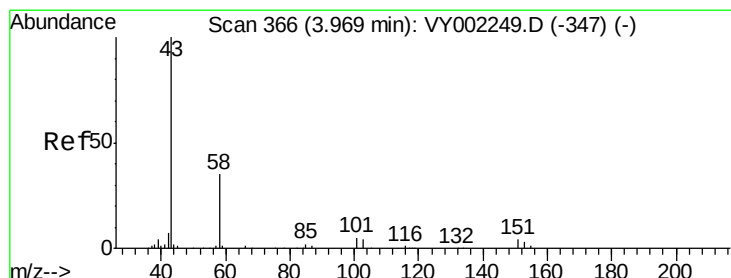
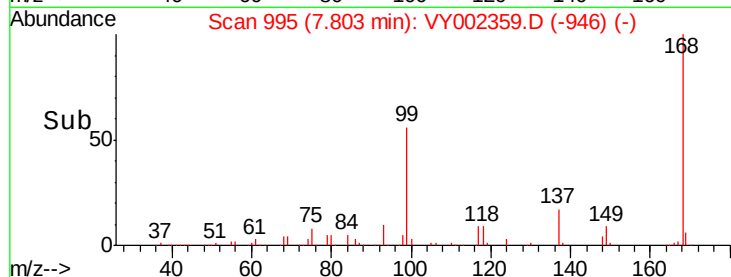
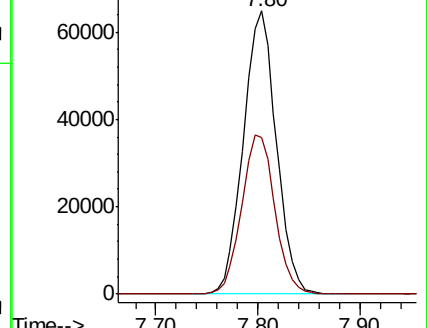
168 100

99 55.5 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) (-)



#16

Acetone

Concen: 1.954 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.00 min

Lab File: VY002359.D

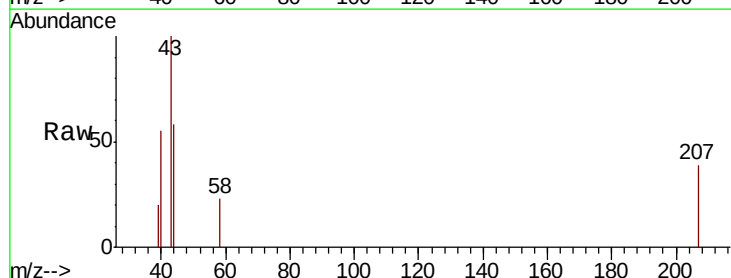
Acq: 16 Apr 2020 12:18

Tgt Ion: 43 Resp: 834

Ion Ratio Lower Upper

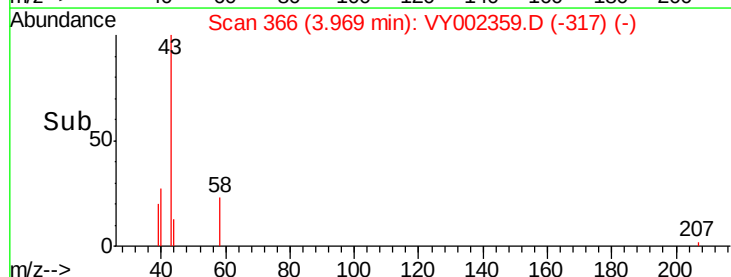
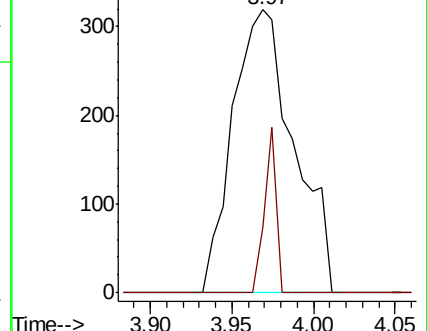
43 100

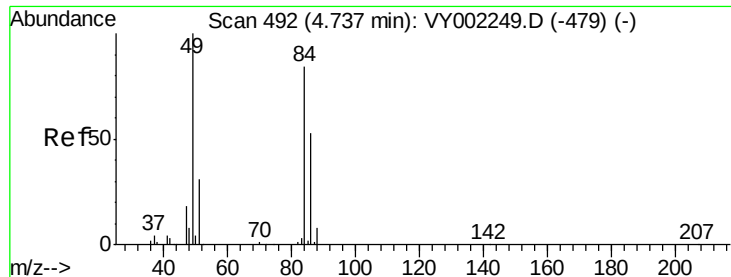
58 23.2 28.5 42.7#



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

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

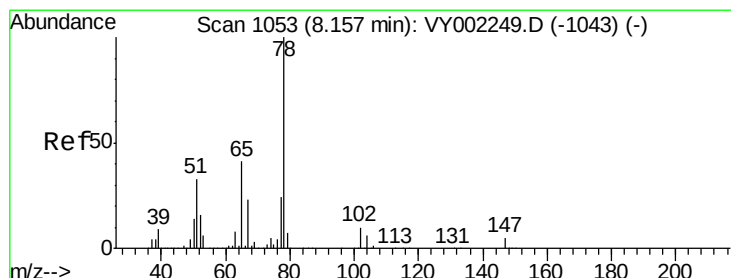
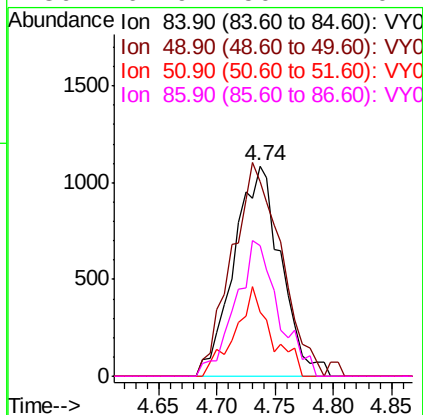
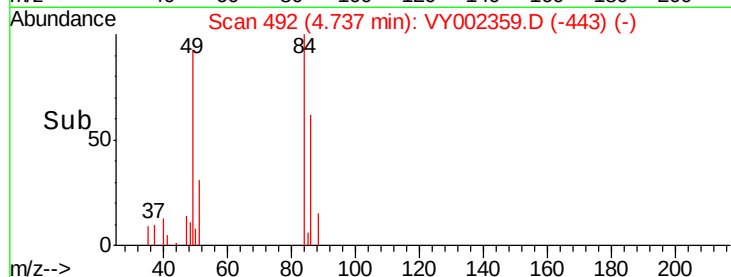
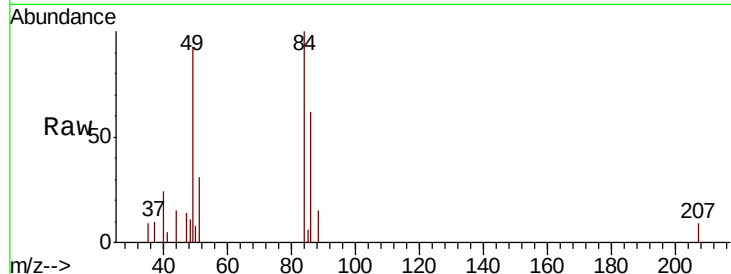




#20
Methylene Chloride
Concen: 1.459 ug/l
RT: 4.74 min Scan# 492
Delta R.T. 0.00 min
Lab File: VY002359.D
Acq: 16 Apr 2020 12:18

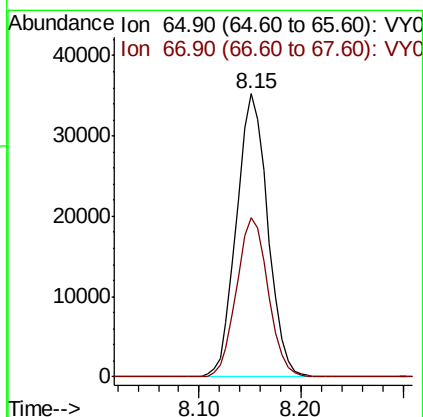
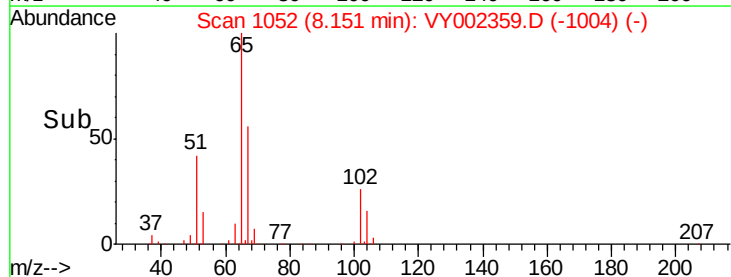
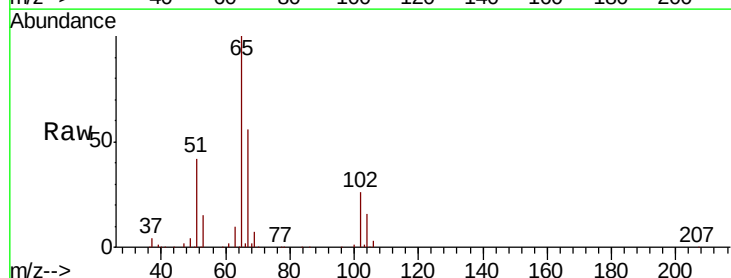
Instrument :
MSVOA_Y
ClientSampleId :

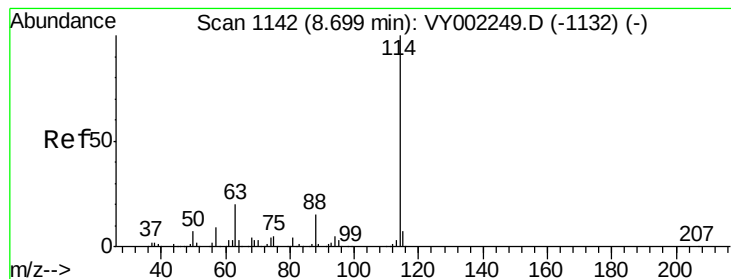
Tot Ion: 84 Resp: 3060
Ion Ratio Lower Upper
84 100
49 92.7 95.5 143.3#
51 30.6 29.5 44.3
86 61.9 50.7 76.1



#33
1,2-Dichloroethane-d4
Concen: 46.275 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VY002359.D
Acq: 16 Apr 2020 12:18

Tgt Ion: 65 Resp: 74971
Ion Ratio Lower Upper
65 100
67 56.8 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: VY002359.D

Acq: 16 Apr 2020 12:18

Instrument :

MSVOA_Y

ClientSampleId :

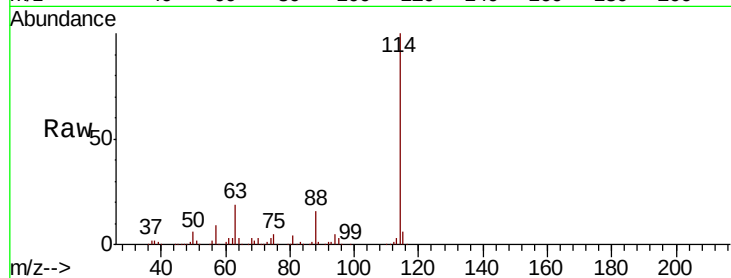
Tot Ion:114 Resp: 282214

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.0

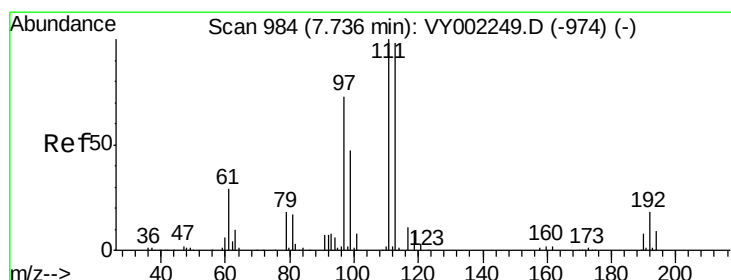
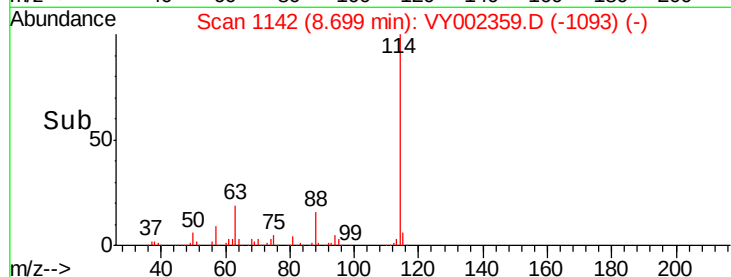
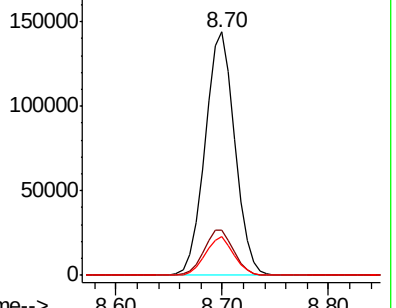
88 15.7 0.0 31.0



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: 48.962 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002359.D

Acq: 16 Apr 2020 12:18

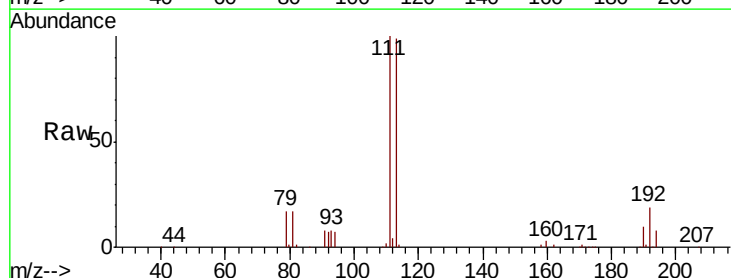
Tgt Ion:113 Resp: 82221

Ion Ratio Lower Upper

113 100

111 104.7 83.5 125.3

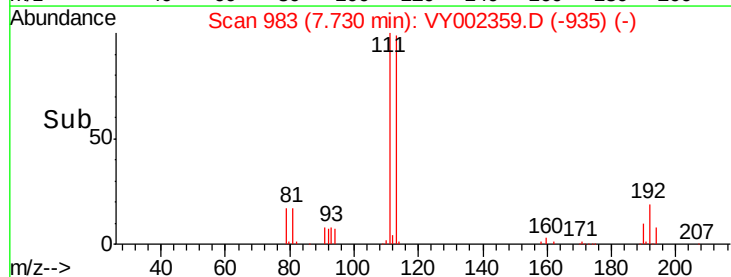
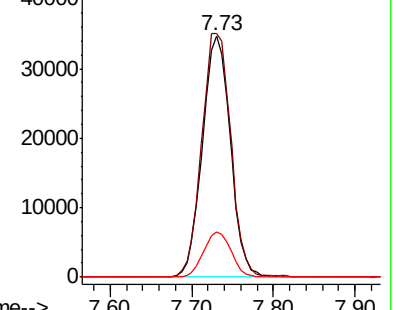
192 18.4 14.7 22.1

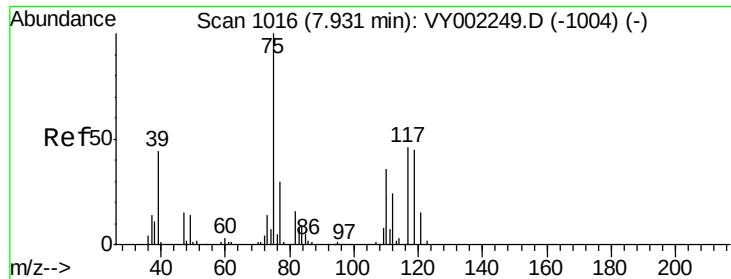


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

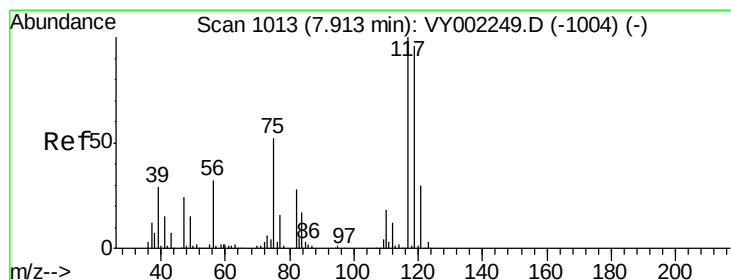
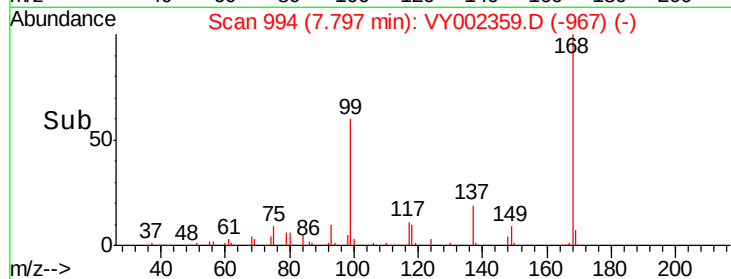
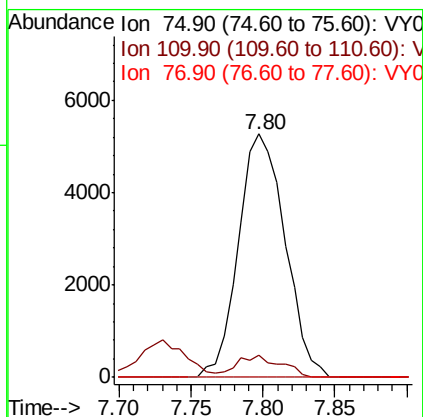
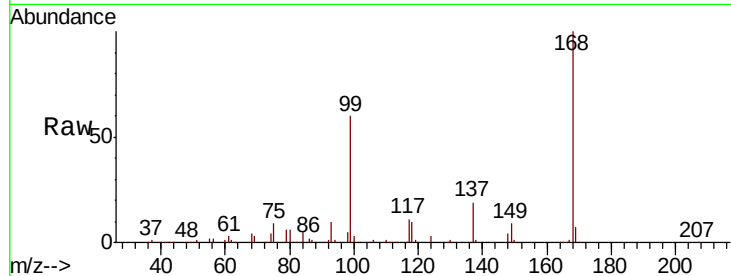




#36
 1,1-Dichloropropene
 Concen: 4.251 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY002359.D
 Acq: 16 Apr 2020 12:18

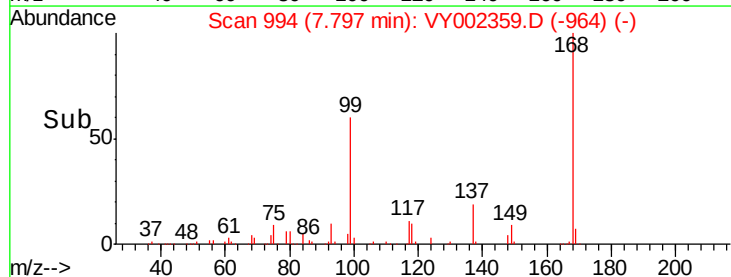
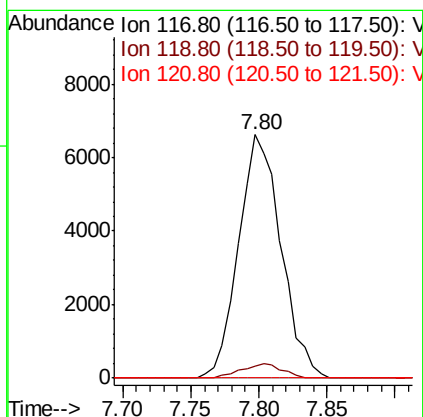
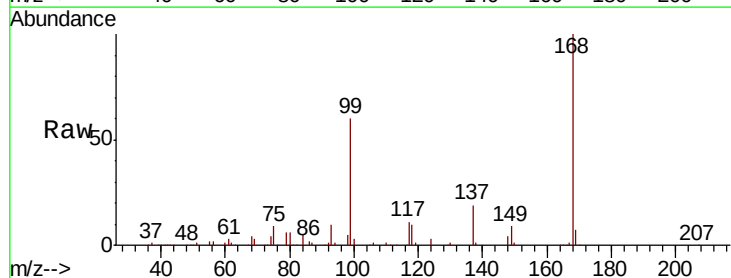
Instrument :
 MSVOA_Y
 ClientSampleId :

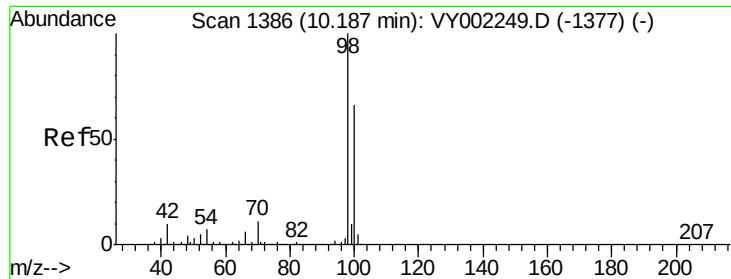
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.8	53.3#
77	0.0	24.4	36.6#



#38
 Carbon Tetrachloride
 Concen: 6.063 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.12 min
 Lab File: VY002359.D
 Acq: 16 Apr 2020 12:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.6	77.1	115.7#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 46.631 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002359.D

Acq: 16 Apr 2020 12:18

Instrument :

MSVOA_Y

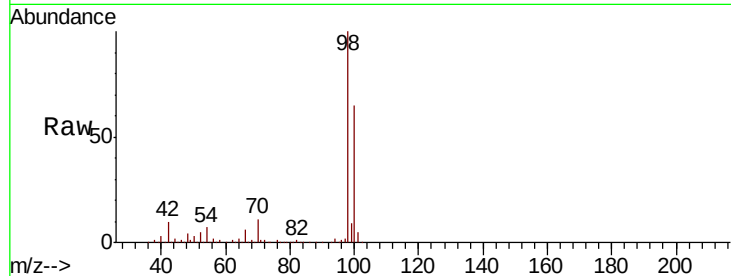
ClientSampleId :

Tot Ion: 98 Resp: 327758

Ion Ratio Lower Upper

98 100

100 65.2 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

200000

150000

100000

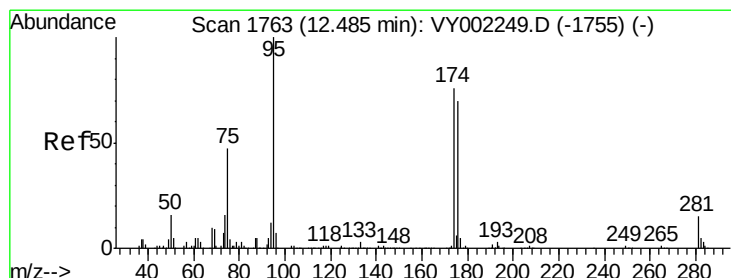
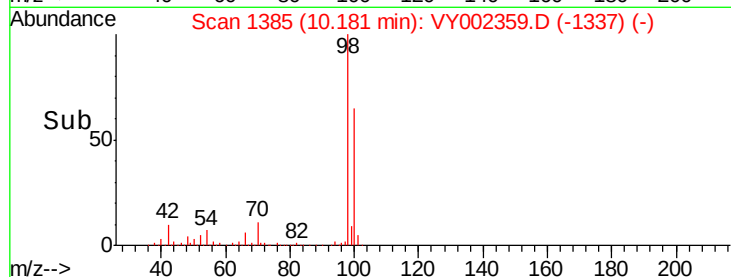
50000

0

10.10

10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 31.938 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002359.D

Acq: 16 Apr 2020 12:18

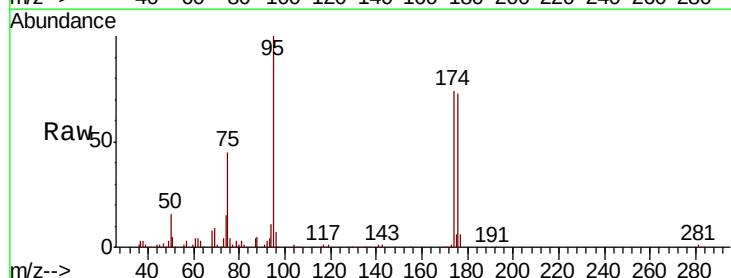
Tgt Ion: 95 Resp: 74060

Ion Ratio Lower Upper

95 100

174 72.8 0.0 150.6

176 70.5 0.0 141.4



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

60000

50000

40000

30000

20000

10000

0

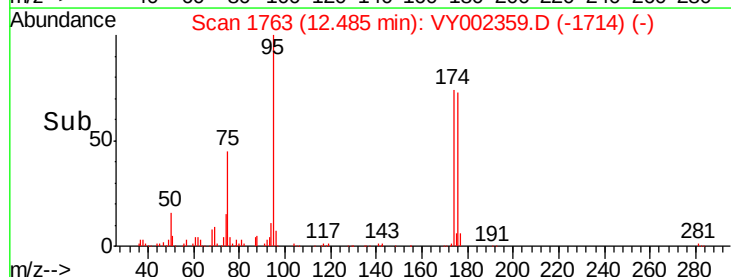
12.40

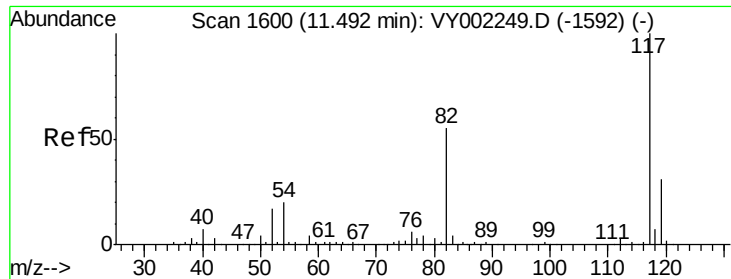
12.45

12.50

12.55

Time-->

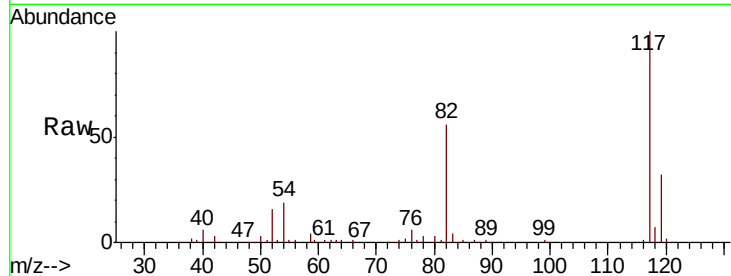




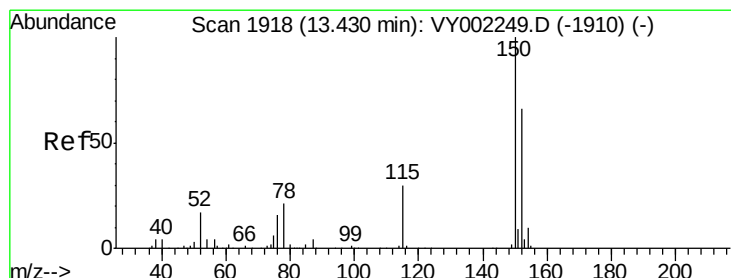
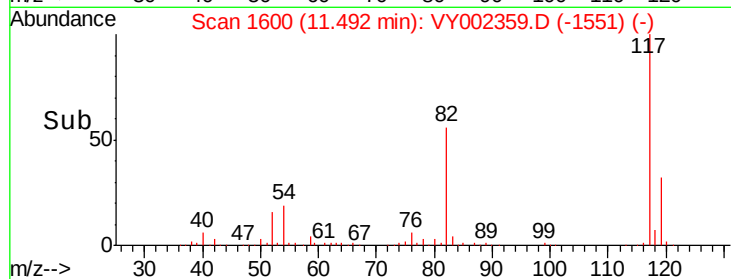
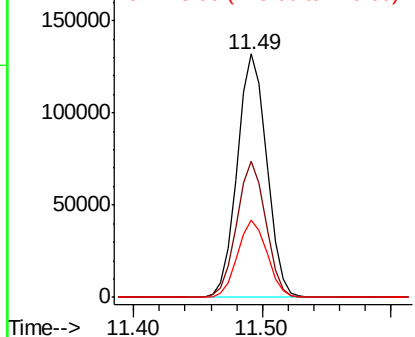
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002359.D
Acq: 16 Apr 2020 12:18

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 208913
Ion Ratio Lower Upper
117 100
82 55.7 44.2 66.4
119 31.8 25.1 37.7

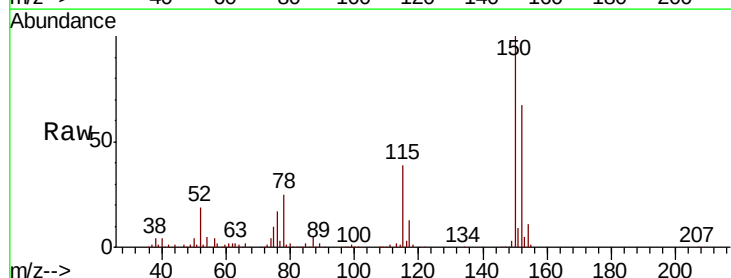


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

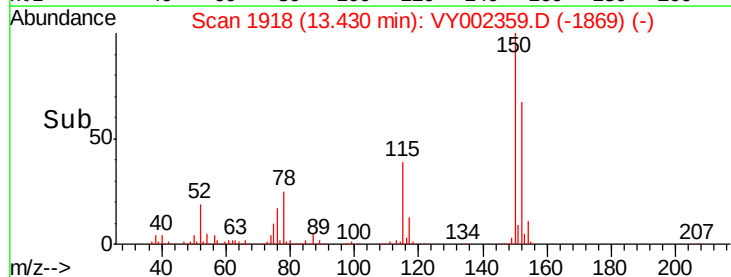
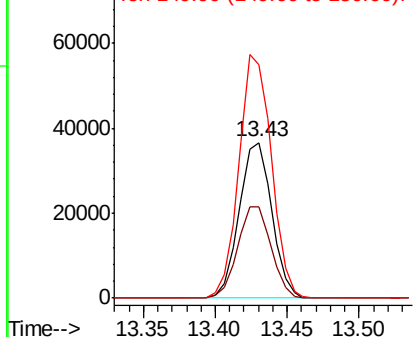


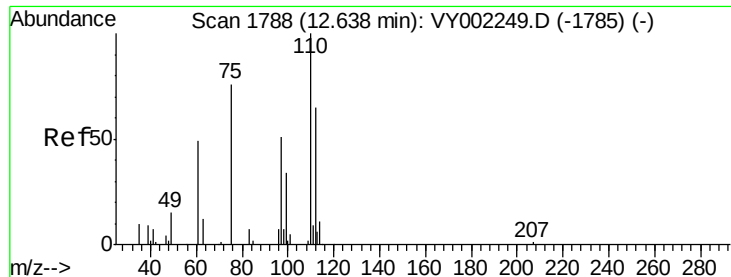
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002359.D
Acq: 16 Apr 2020 12:18

Tgt Ion:152 Resp: 57398
Ion Ratio Lower Upper
152 100
115 60.3 30.7 92.1
150 156.2 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: 51.744 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY002359.D

Acq: 16 Apr 2020 12:18

Instrument :

MSVOA_Y

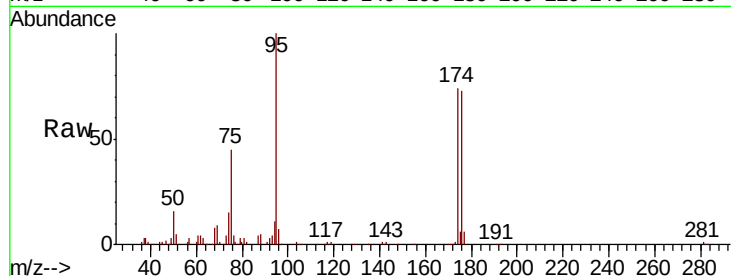
ClientSampleId :

Tot Ion: 75 Resp: 34488

Ion Ratio Lower Upper

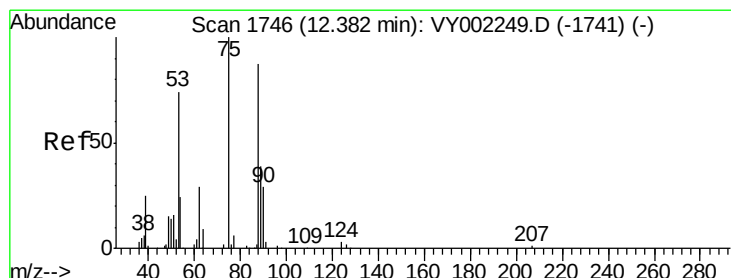
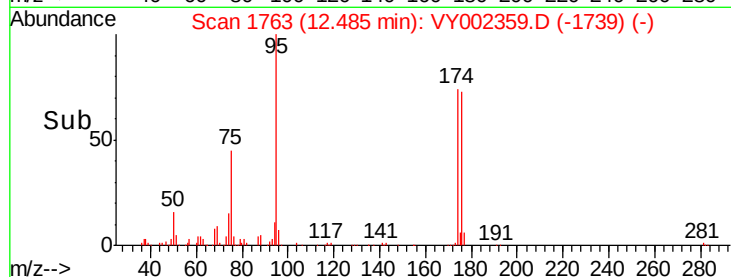
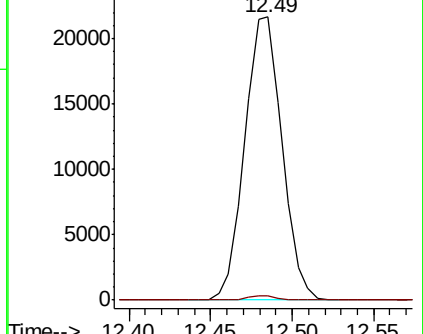
75 100

77 1.3 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: 100.641 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002359.D

Acq: 16 Apr 2020 12:18

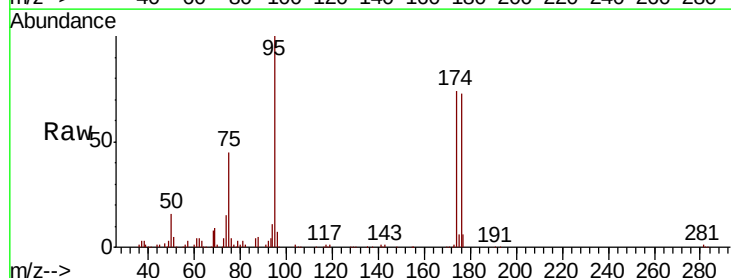
Tgt Ion: 75 Resp: 34488

Ion Ratio Lower Upper

75 100

53 0.0 59.8 89.8#

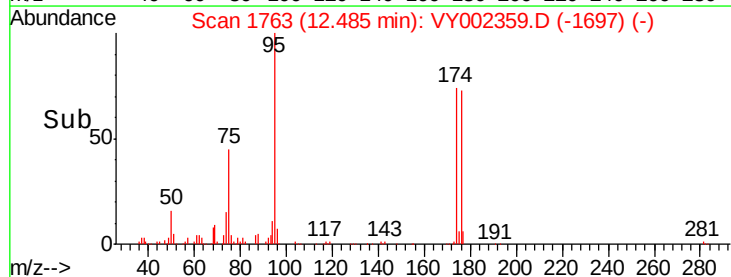
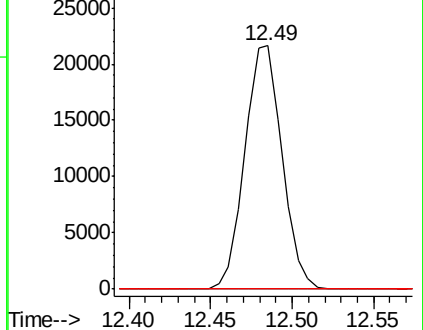
89 0.0 37.0 55.6#

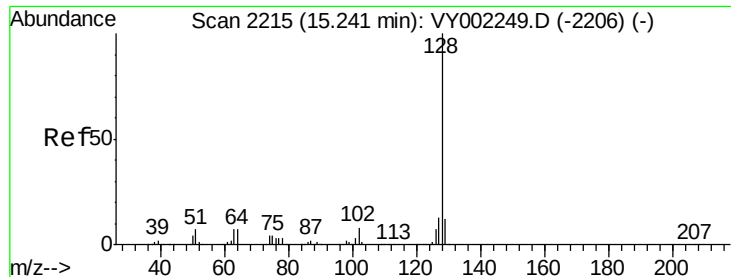


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

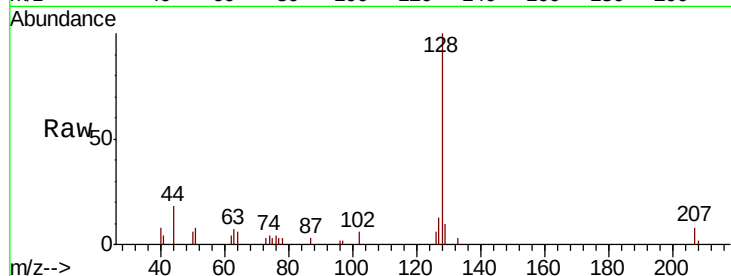




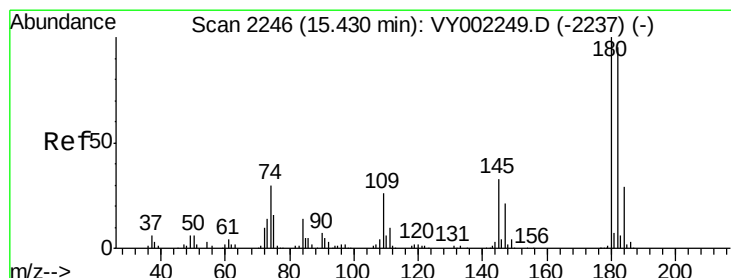
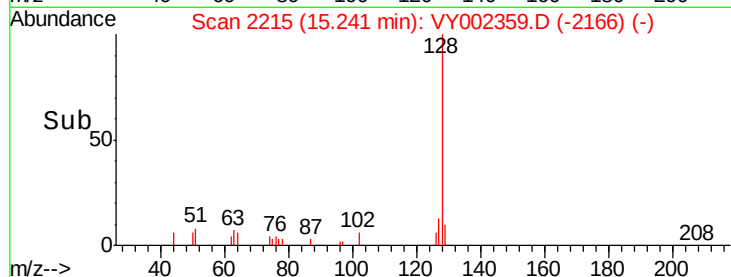
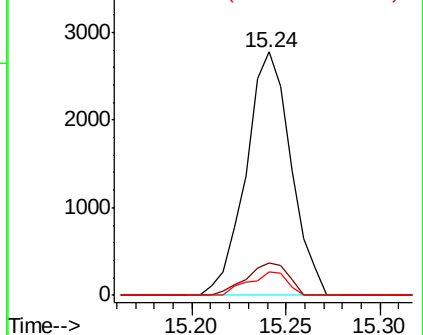
#95
Naphthalene
Concen: 1.832 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.00 min
Lab File: VY002359.D
Acq: 16 Apr 2020 12:18

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 4580
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 8.3 8.7 13.1#

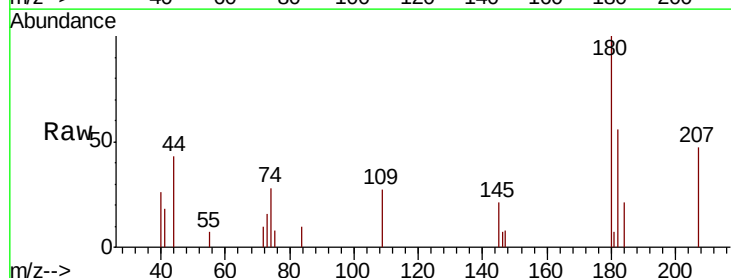


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 1.002 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.01 min
Lab File: VY002359.D
Acq: 16 Apr 2020 12:18

Tgt Ion:180 Resp: 994
Ion Ratio Lower Upper
180 100
182 81.4 47.1 141.3
145 33.4 16.7 50.1



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

