

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012220\
 Data File : VY001338.D
 Acq On : 22 Jan 2020 17:59
 Operator : SY/MD
 Sample : L1213-03
 Misc : 6.55G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 23 01:15:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:09:50 2020
 Response via : Initial Calibration

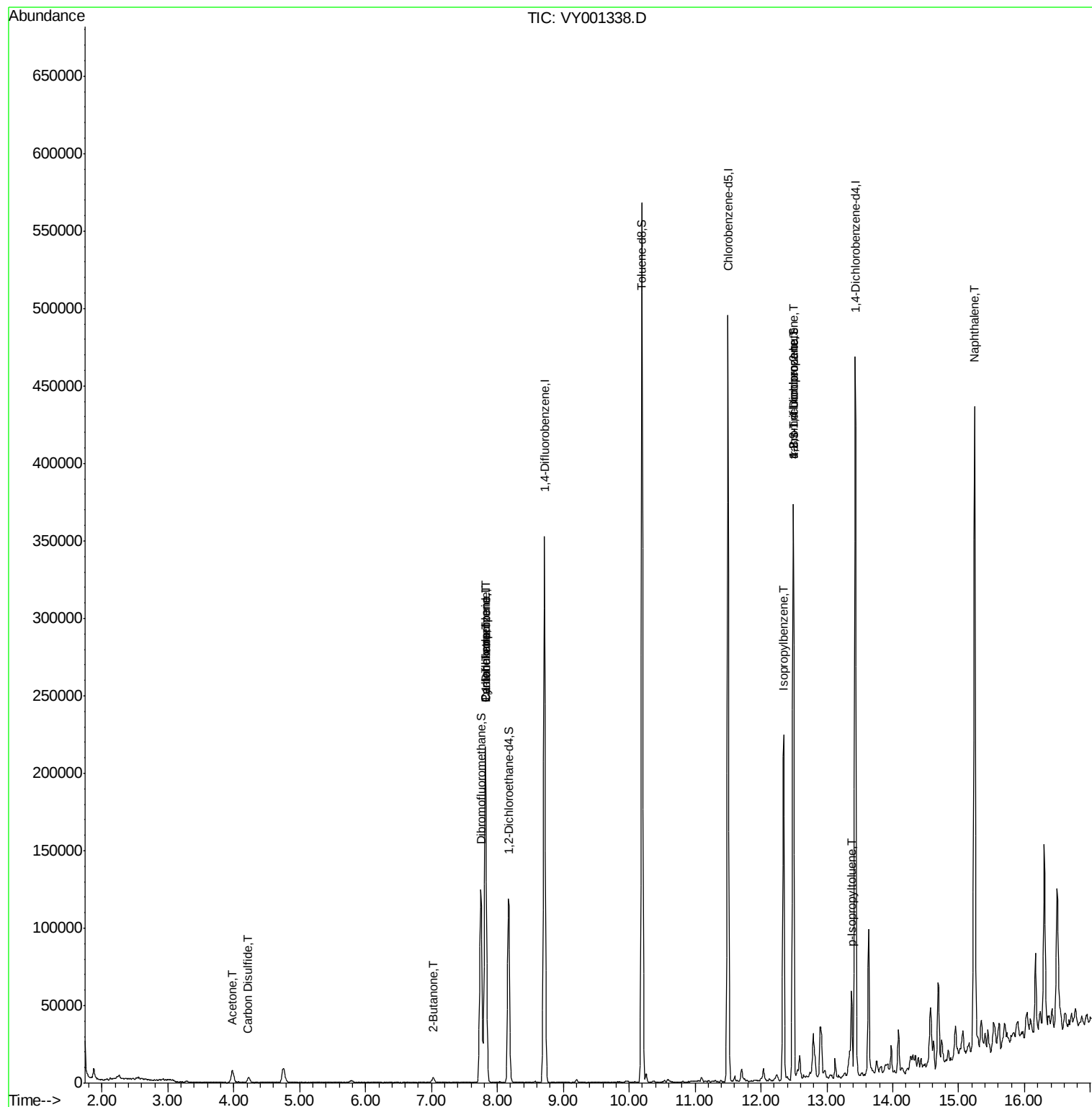
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	165873	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	304743	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	270768	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	111375	50.00	ug/l	-0.04
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	89693	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
35) Dibromofluoromethane	7.75	113	88532	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
50) Toluene-d8	10.19	98	362401	52.15	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	104.30%	
62) 4-Bromofluorobenzene	12.49	95	122700	44.34	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	88.68%	
Target Compounds						
					Qvalue	
13) Acrolein	3.74	56	42	Below Cal		84
16) Acetone	3.98	43	14409	23.435	ug/l	95
17) Carbon Disulfide	4.22	76	6714	1.212	ug/l #	95
20) Methylene Chloride	4.76	84	7251	Below Cal		94
25) 2-Butanone	7.02	43	4948	6.298	ug/l	94
31) Cyclohexane	7.82	56	3769	1.080	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	13635	4.736	ug/l #	49
38) Carbon Tetrachloride	7.82	117	16527	6.441	ug/l #	16
73) Isopropylbenzene	12.35	105	10566	1.202	ug/l #	66
76) 1,2,3-Trichloropropane	12.49	75	60340	44.960	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	60340	85.082	ug/l #	14
86) p-Isopropyltoluene	13.38	119	28819	3.722	ug/l	96
95) Naphthalene	15.24	128	338246	63.749	ug/l	100

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012220\
Data File : VY001338.D
Acq On : 22 Jan 2020 17:59
Operator : SY/MD
Sample : L1213-03
Misc : 6.55G/5ML/MSVOA Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 23 01:15:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:09:50 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.00 min

Lab File: VY001338.D

Acq: 22 Jan 2020 17:59

Instrument :

MSVOA_Y

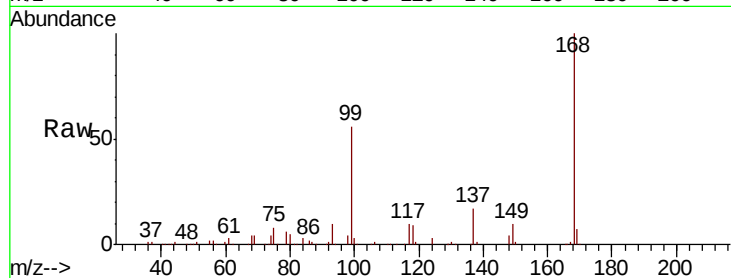
ClientSampleId :

Tot Ion:168 Resp: 165873

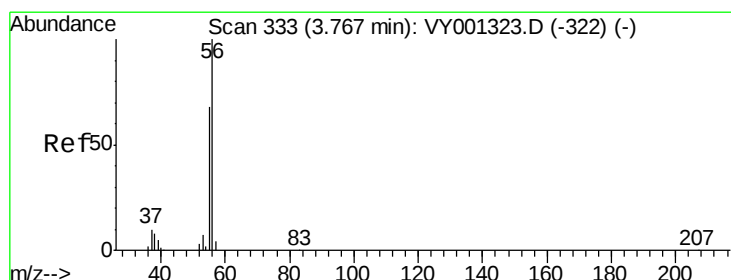
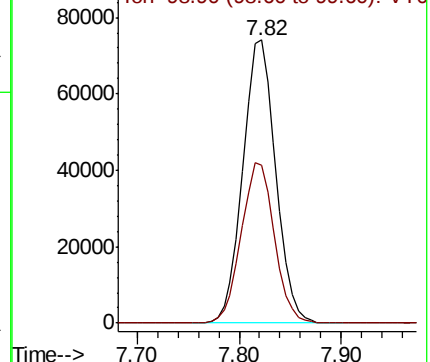
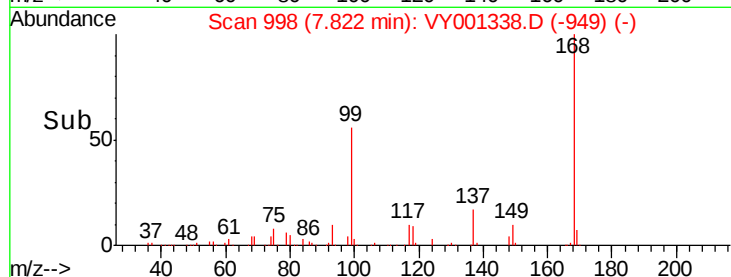
Ion Ratio Lower Upper

168 100

99 56.0 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001338.D (-949) (-)



#13

Acrolein

Concen: Below Cal

RT: 3.74 min Scan# 328

Delta R.T. -0.02 min

Lab File: VY001338.D

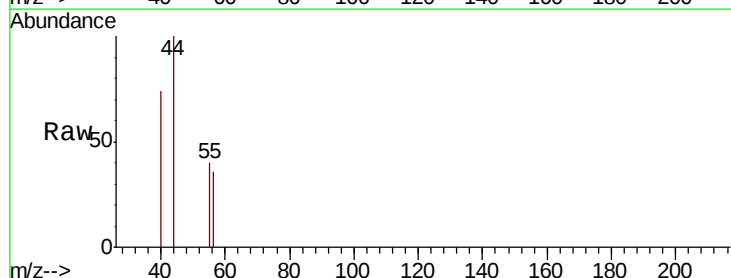
Acq: 22 Jan 2020 17:59

Tgt Ion: 56 Resp: 42

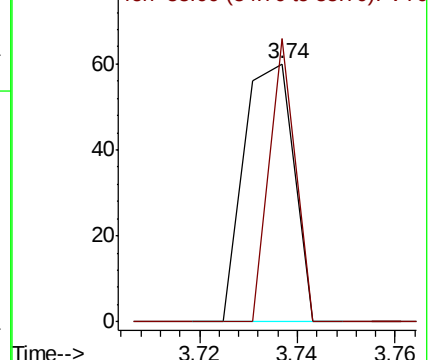
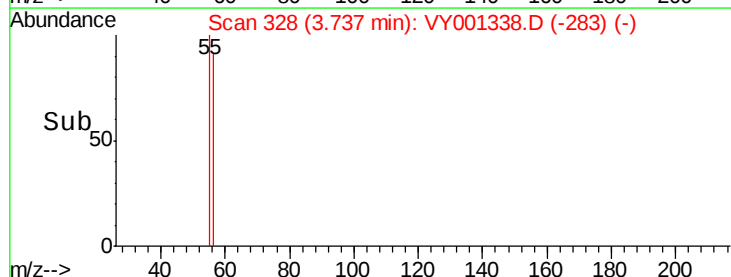
Ion Ratio Lower Upper

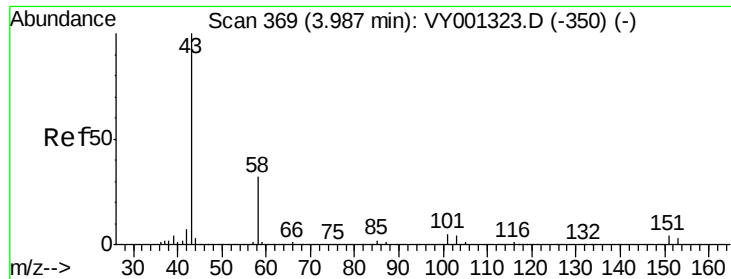
56 100

55 57.1 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VY001338.D (-283) (-)

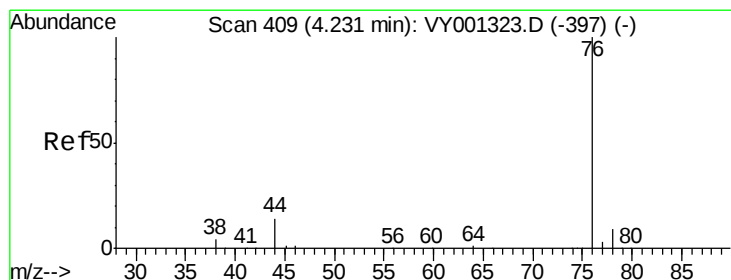
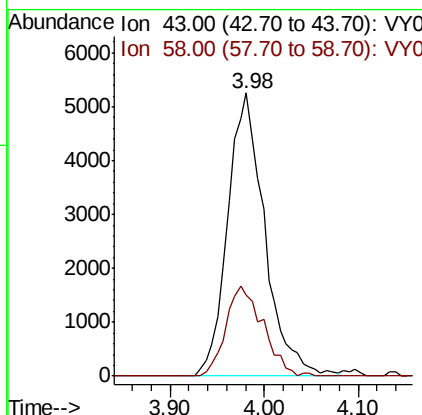
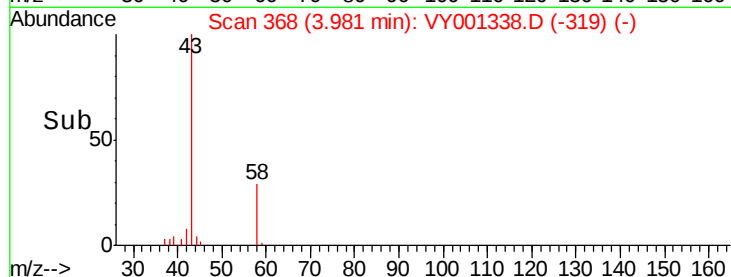
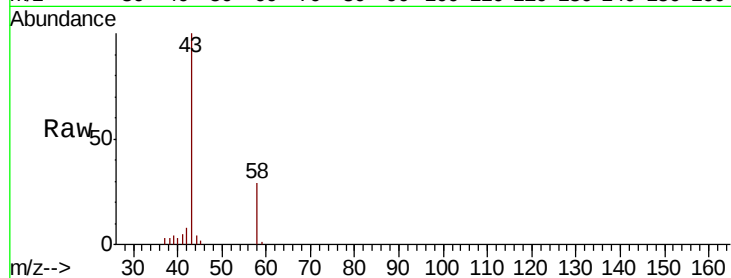




#16
Acetone
Concen: 23.435 ug/l
RT: 3.98 min Scan# 368
Delta R.T. 0.00 min
Lab File: VY001338.D
Acq: 22 Jan 2020 17:59

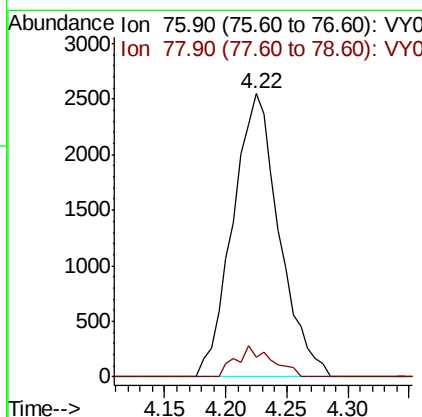
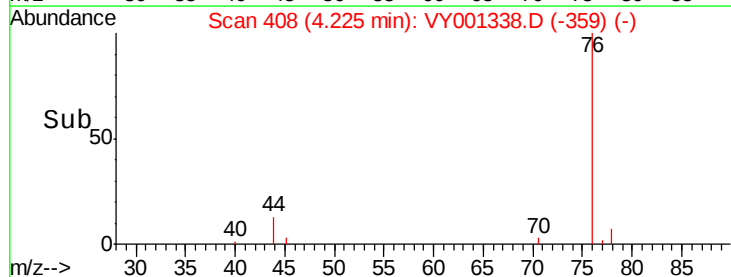
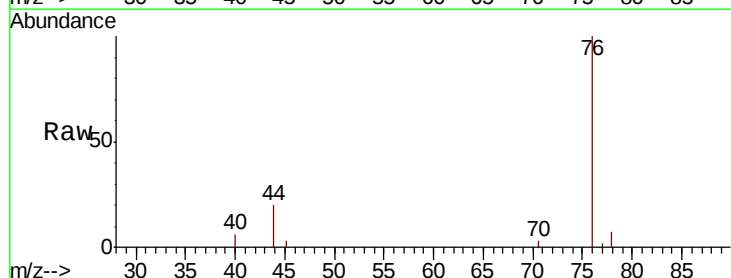
Instrument :
MSVOA_Y
ClientSampleId :

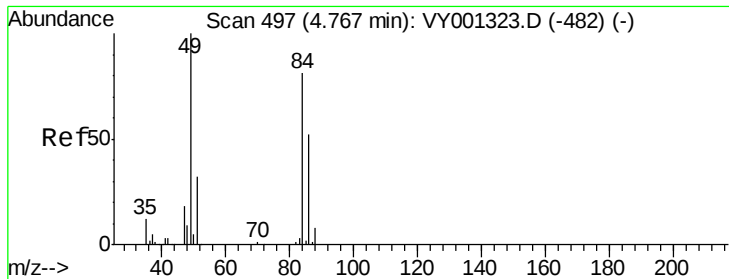
Tot Ion: 43 Resp: 14409
Ion Ratio Lower Upper
43 100
58 28.8 25.4 38.0



#17
Carbon Disulfide
Concen: 1.212 ug/l
RT: 4.22 min Scan# 408
Delta R.T. 0.00 min
Lab File: VY001338.D
Acq: 22 Jan 2020 17:59

Tgt Ion: 76 Resp: 6714
Ion Ratio Lower Upper
76 100
78 6.9 7.0 10.6#

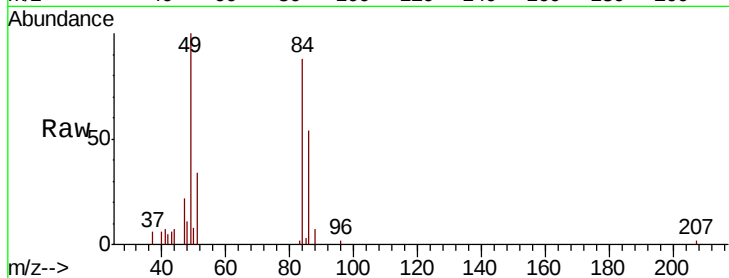




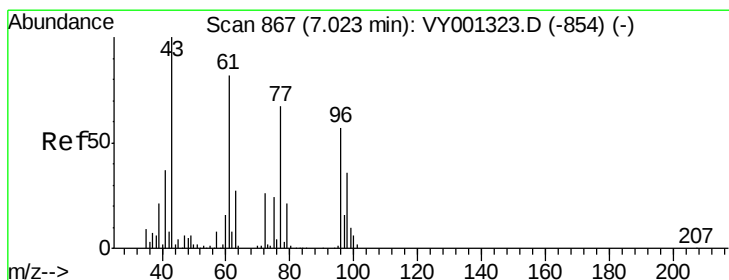
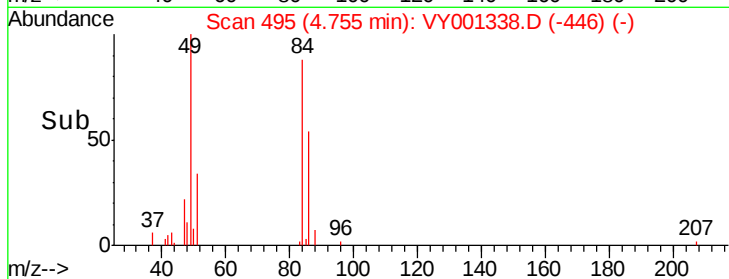
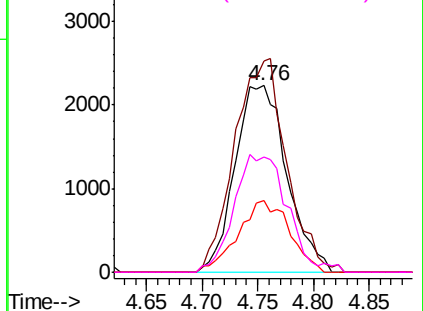
#20
Methylene Chloride
Concen: Below Cal
RT: 4.76 min Scan# 495
Delta R.T. 0.00 min
Lab File: VY001338.D
Acq: 22 Jan 2020 17:59

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	84	Resp:	7251
Ion	Ratio	Lower	Upper
84	100		
49	113.4	98.3	147.5
51	38.7	31.6	47.4
86	61.6	51.1	76.7

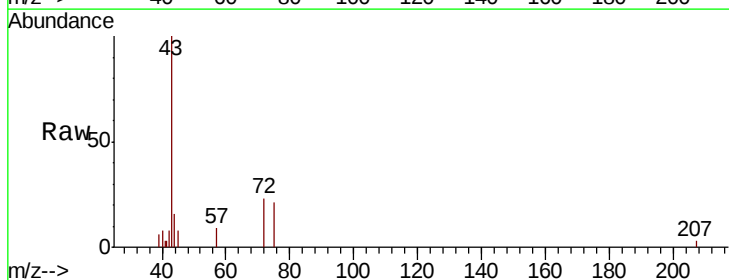


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

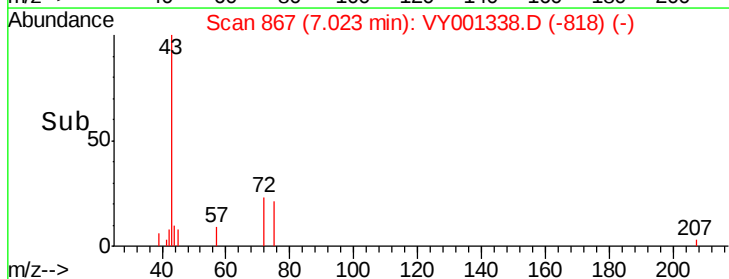
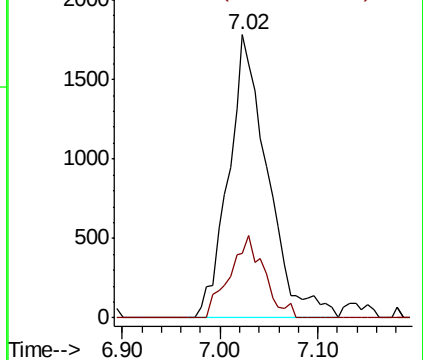


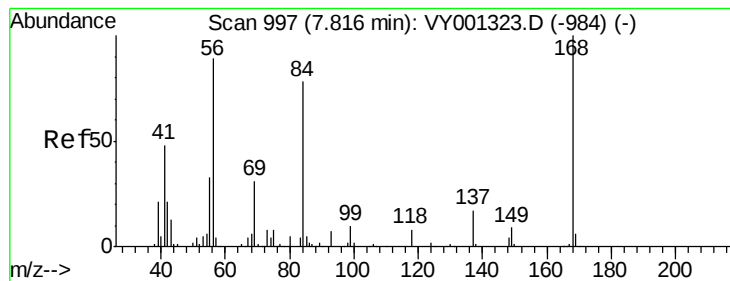
#25
2-Butanone
Concen: 6.298 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.00 min
Lab File: VY001338.D
Acq: 22 Jan 2020 17:59

Tgt Ion:	43	Resp:	4948
Ion	Ratio	Lower	Upper
43	100		
72	23.0	20.6	31.0



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0





#31

Cyclohexane

Concen: 1.080 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001338.D

Acq: 22 Jan 2020 17:59

Instrument :
MSVOA_Y
ClientSampleId :

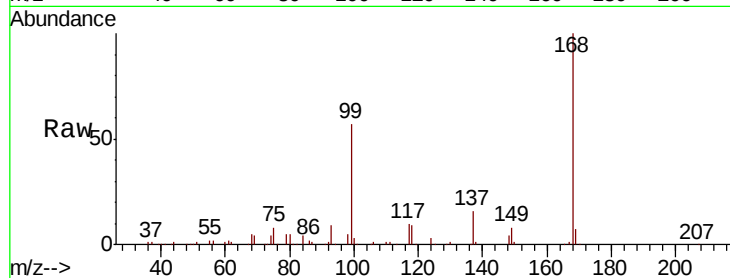
Tot Ion: 56 Resp: 3769

Ion Ratio Lower Upper

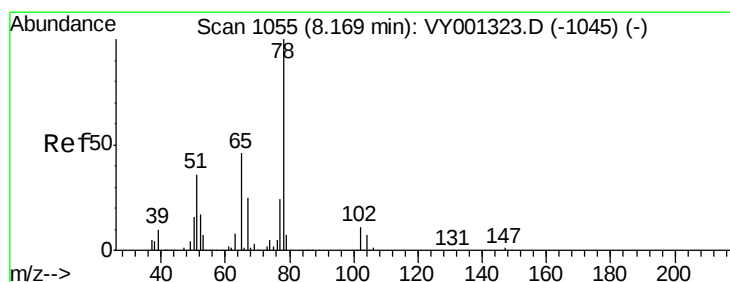
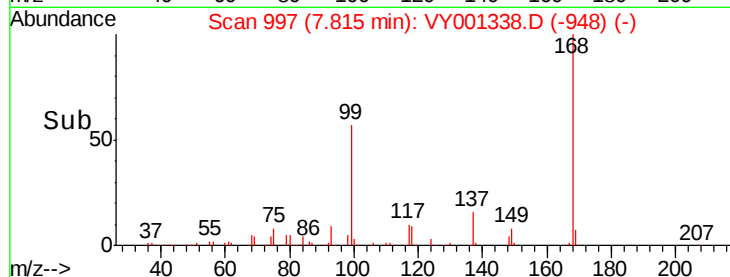
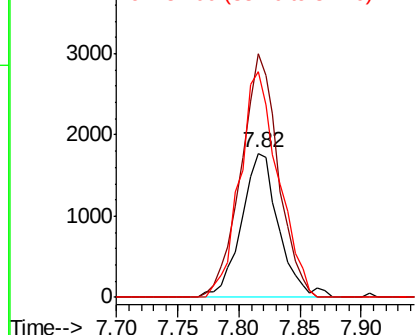
56 100

69 169.1 27.6 41.4#

84 156.5 69.7 104.5#



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: 49.693 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.01 min

Lab File: VY001338.D

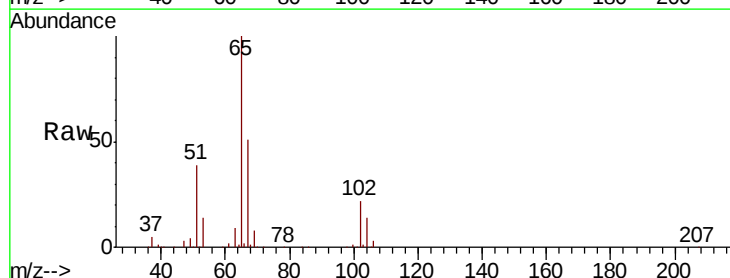
Acq: 22 Jan 2020 17:59

Tgt Ion: 65 Resp: 89693

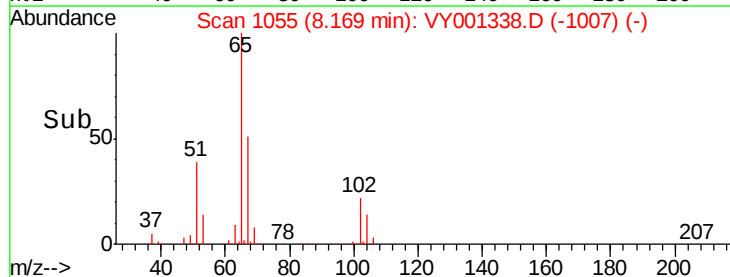
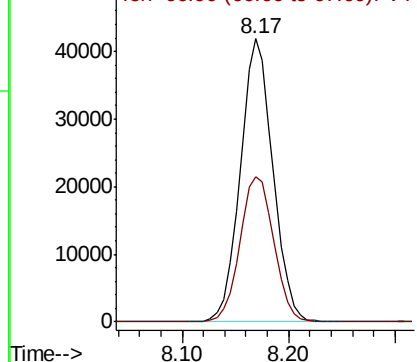
Ion Ratio Lower Upper

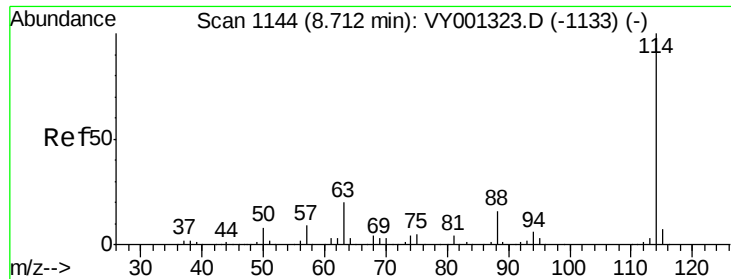
65 100

67 53.3 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

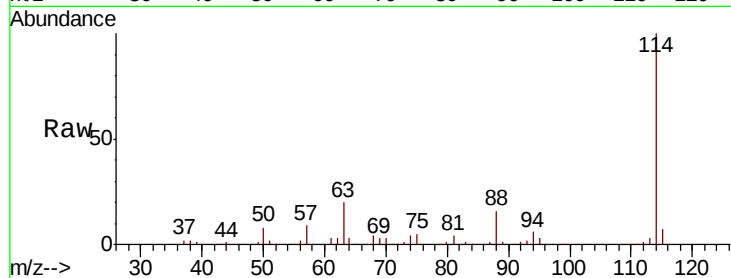




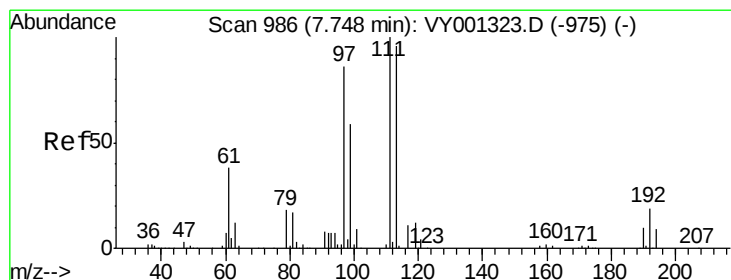
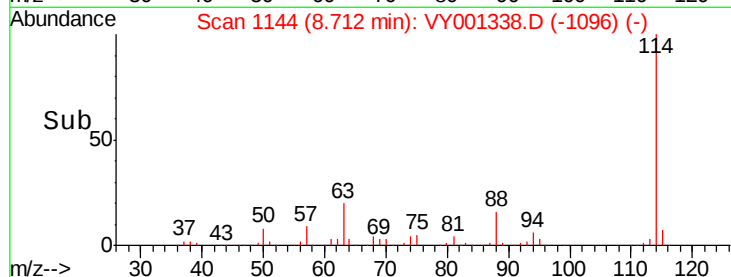
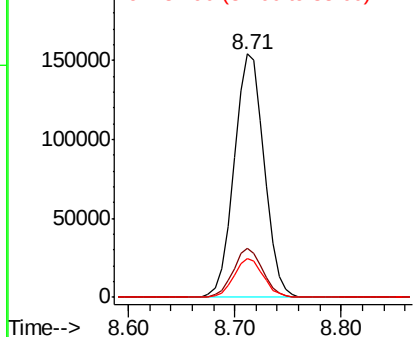
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: VY001338.D
 Acq: 22 Jan 2020 17:59

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:114 Resp: 304743
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.8
 88 16.0 0.0 31.0

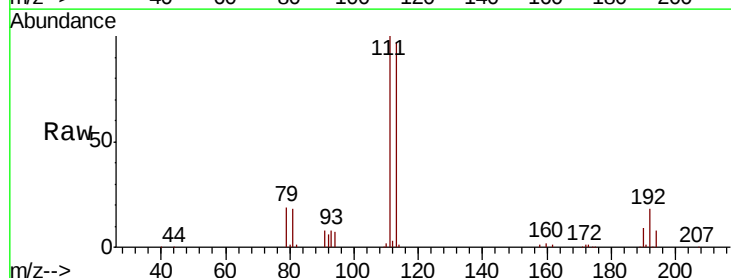


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

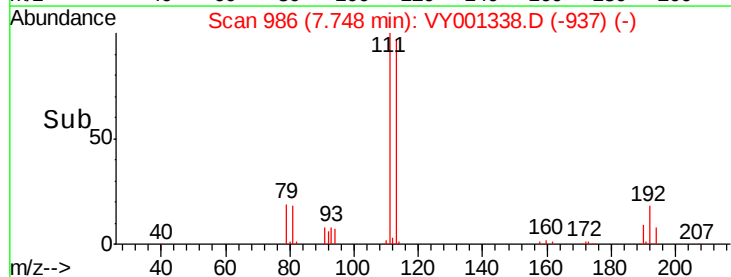
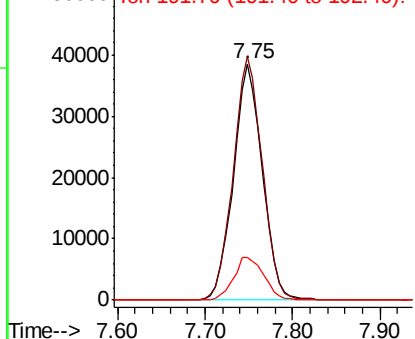


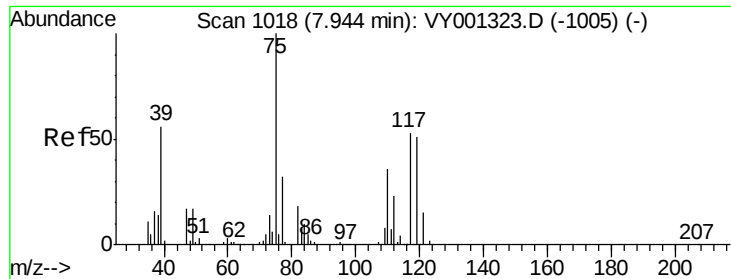
#35
 Dibromofluoromethane
 Concen: 49.499 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: VY001338.D
 Acq: 22 Jan 2020 17:59

Tgt Ion:113 Resp: 88532
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.8 124.2
 192 19.1 15.5 23.3



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

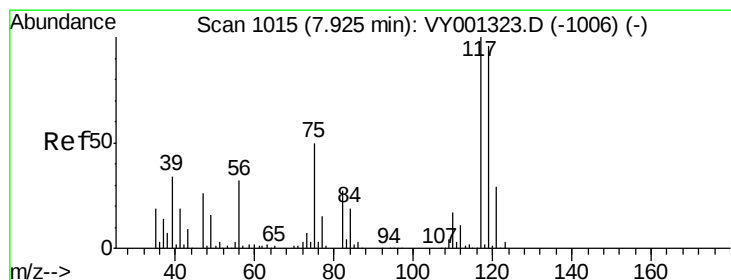
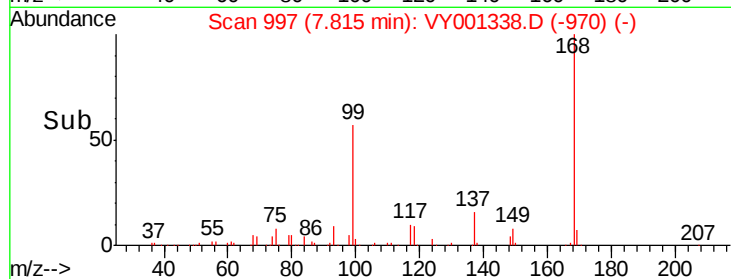
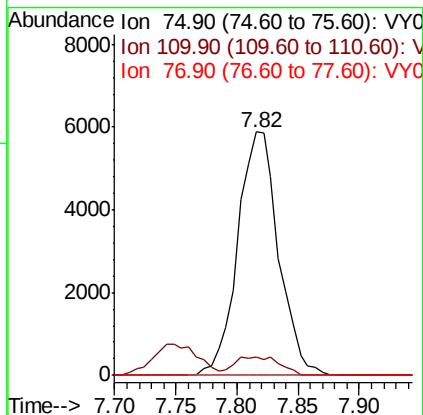
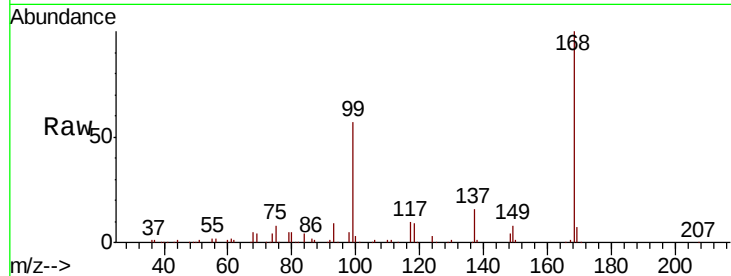




#36
 1,1-Dichloropropene
 Concen: 4.736 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.13 min
 Lab File: VY001338.D
 Acq: 22 Jan 2020 17:59

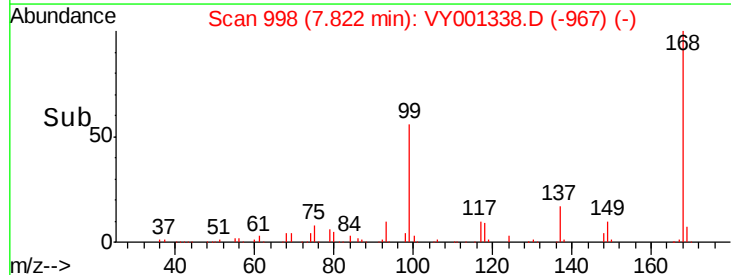
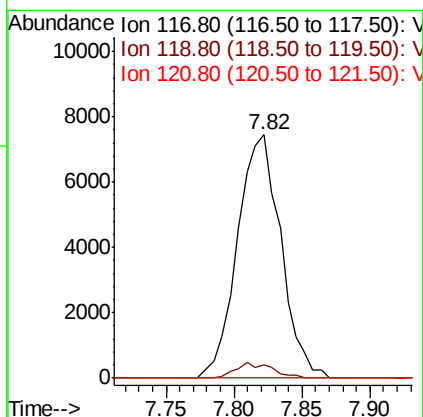
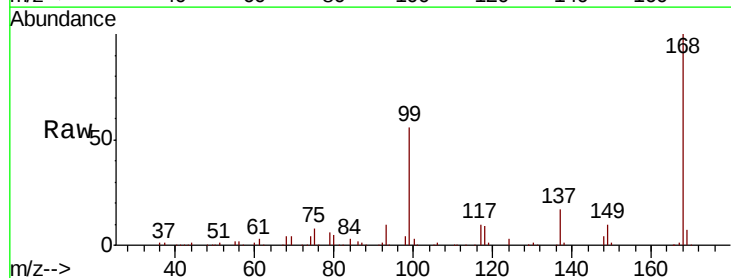
Instrument :
 MSVOA_Y
 ClientSampleId :

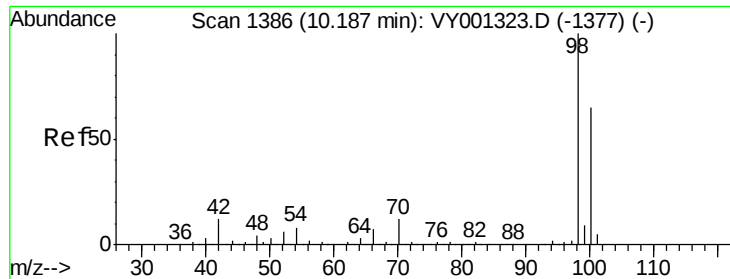
Tot Ion	75	Resp	13635
Ion Ratio	100	Lower	Upper
75	100		
110	8.3	17.6	52.8#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.441 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.11 min
 Lab File: VY001338.D
 Acq: 22 Jan 2020 17:59

Tgt Ion	117	Resp	16527
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	5.4	76.3	114.5#
121	0.0	23.5	35.3#





#50

Toluene-d8

Concen: 52.152 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VY001338.D

Acq: 22 Jan 2020 17:59

Instrument :

MSVOA_Y

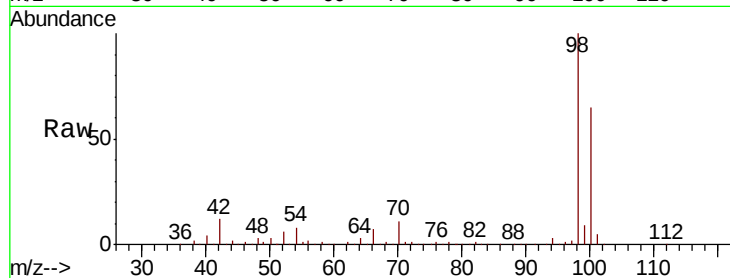
ClientSampleId :

Tot Ion: 98 Resp: 362401

Ion Ratio Lower Upper

98 100

100 64.6 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

250000

200000

150000

100000

50000

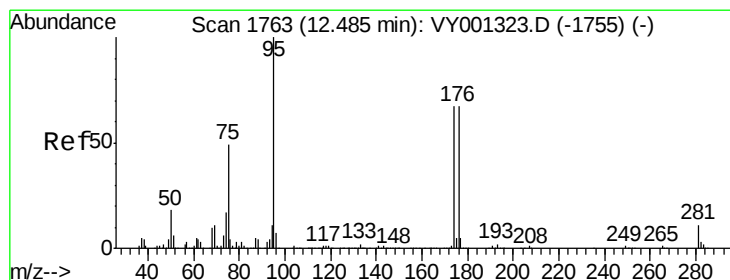
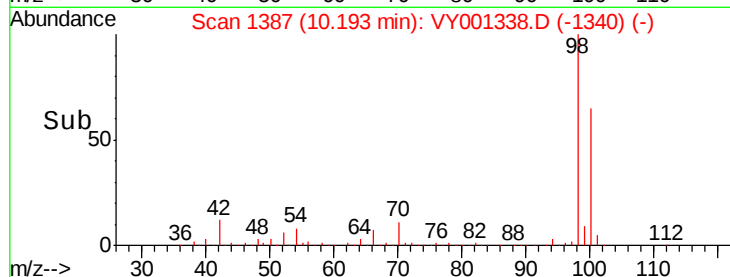
0

10.10

10.20

10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 44.339 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.02 min

Lab File: VY001338.D

Acq: 22 Jan 2020 17:59

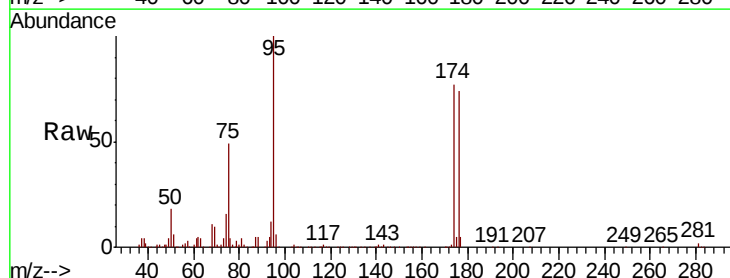
Tgt Ion: 95 Resp: 122700

Ion Ratio Lower Upper

95 100

174 75.2 0.0 142.0

176 73.3 0.0 138.6



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

100000

80000

60000

40000

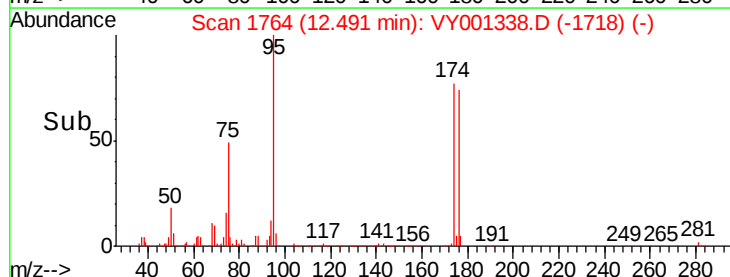
20000

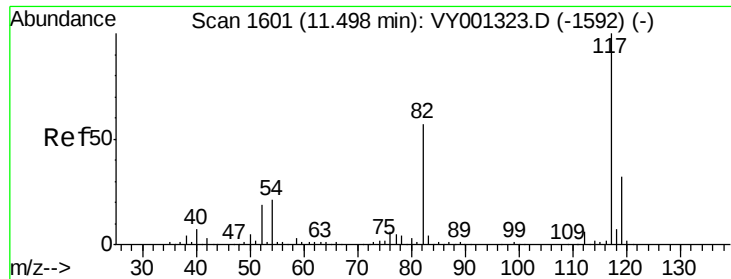
0

12.40

12.50

Time-->

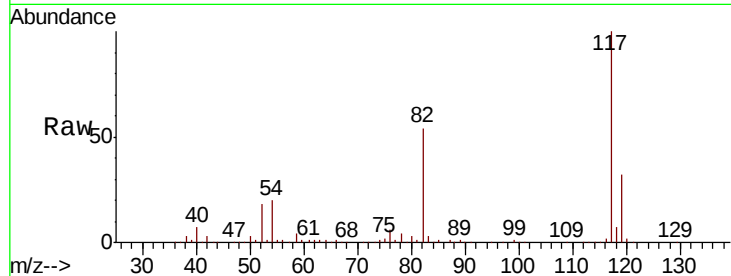




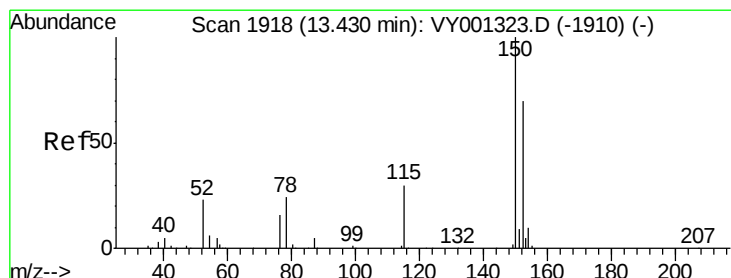
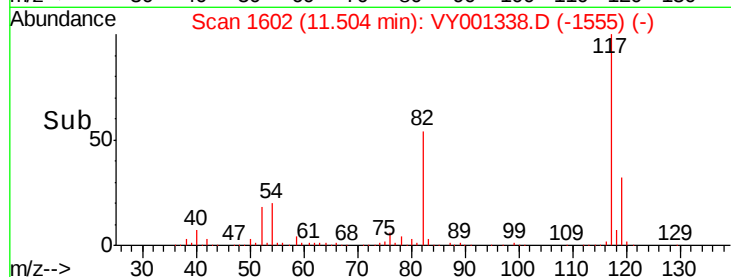
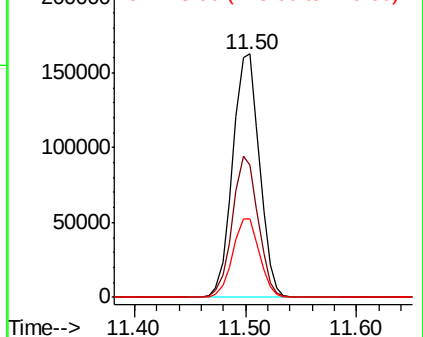
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: VY001338.D
Acq: 22 Jan 2020 17:59

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 270768
Ion Ratio Lower Upper
117 100
82 54.1 45.5 68.3
119 32.0 25.8 38.6

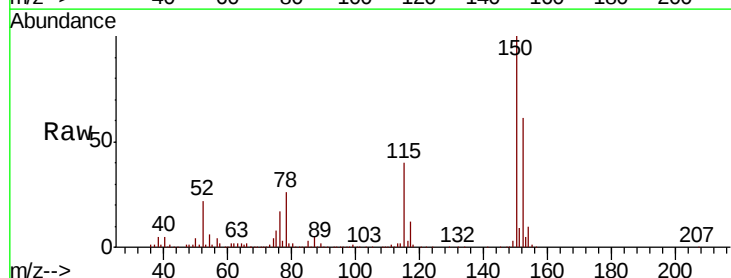


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

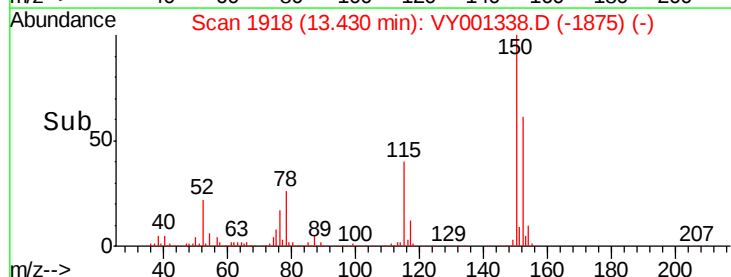
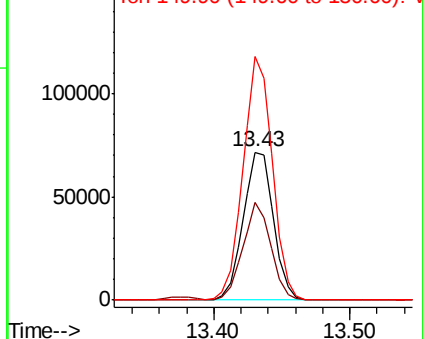


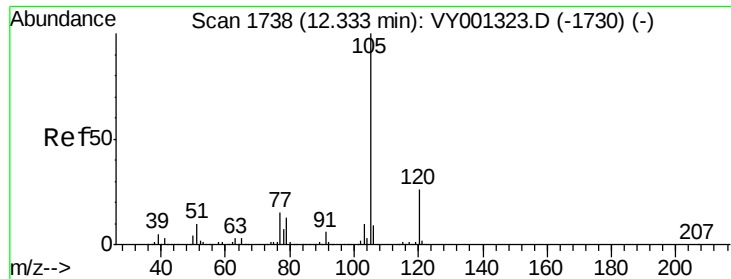
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.04 min
Lab File: VY001338.D
Acq: 22 Jan 2020 17:59

Tgt Ion:152 Resp: 111375
Ion Ratio Lower Upper
152 100
115 61.0 30.9 92.8
150 159.3 0.0 349.2



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





#73

Isopropylbenzene

Concen: 1.202 ug/l

RT: 12.35 min Scan# 1740

Delta R.T. -0.01 min

Lab File: VY001338.D

Acq: 22 Jan 2020 17:59

Instrument :

MSVOA_Y

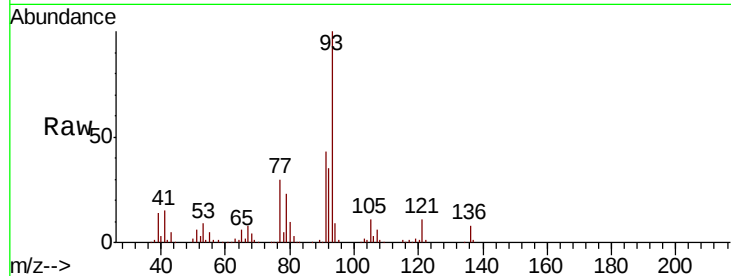
ClientSampleId :

Tot Ion:105 Resp: 10566

Ion Ratio Lower Upper

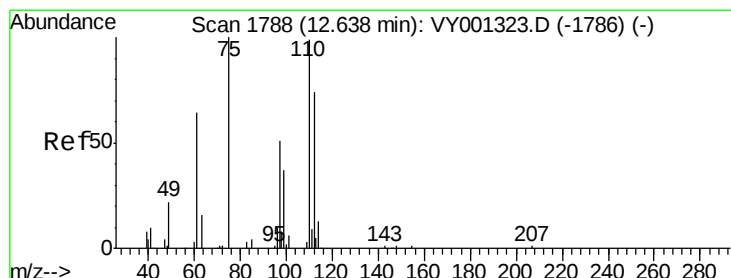
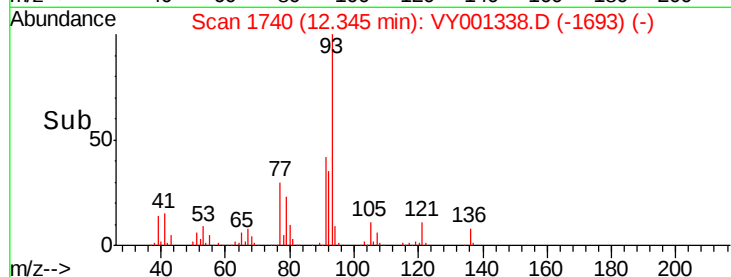
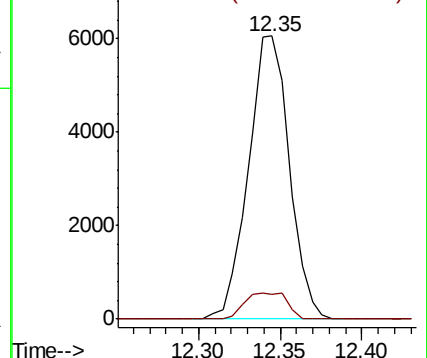
105 100

120 9.6 13.5 40.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 44.960 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.17 min

Lab File: VY001338.D

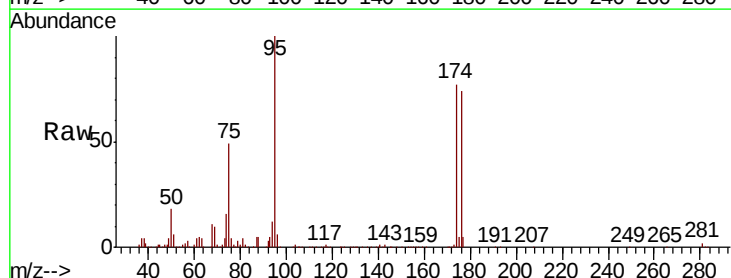
Acq: 22 Jan 2020 17:59

Tgt Ion: 75 Resp: 60340

Ion Ratio Lower Upper

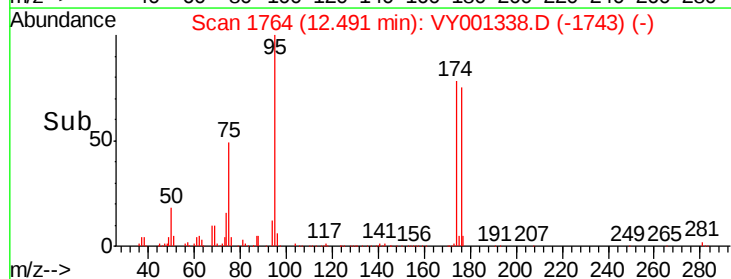
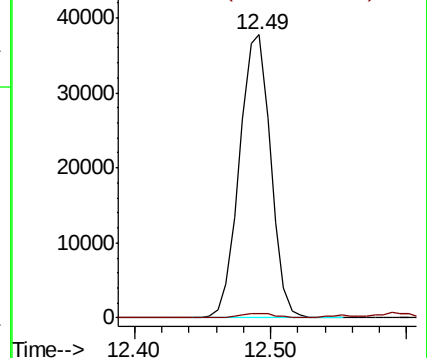
75 100

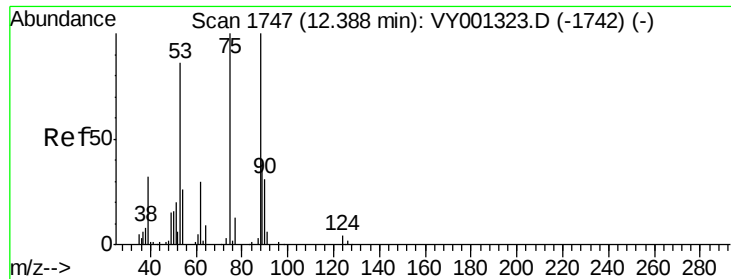
77 1.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

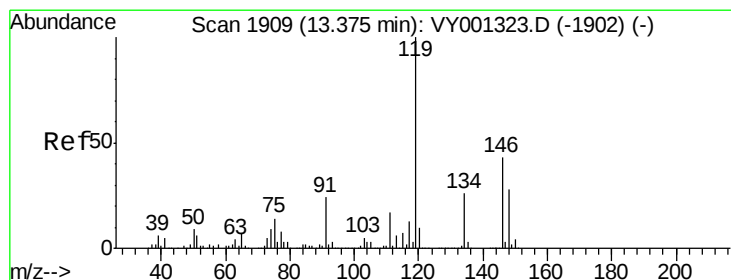
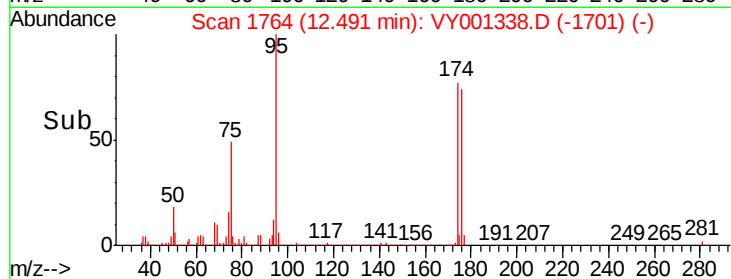
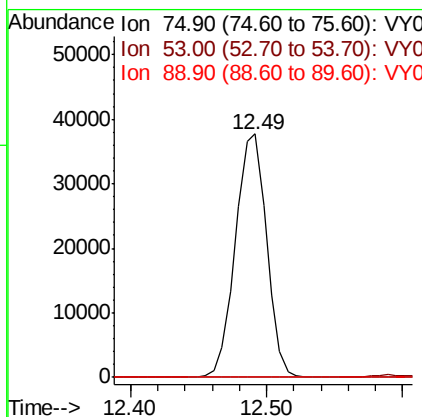
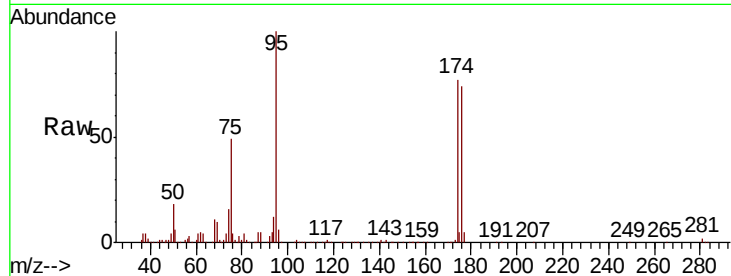




#81
trans-1,4-Dichloro-2-butene
Concen: 85.082 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.09 min
Lab File: VY001338.D
Acq: 22 Jan 2020 17:59

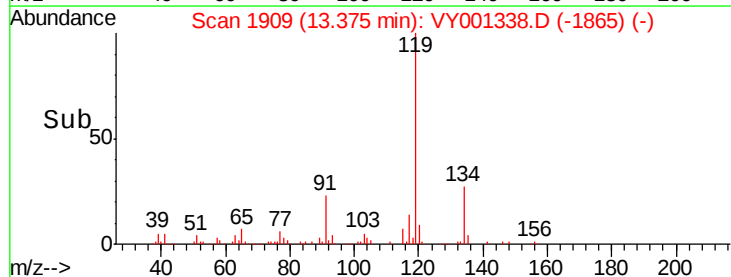
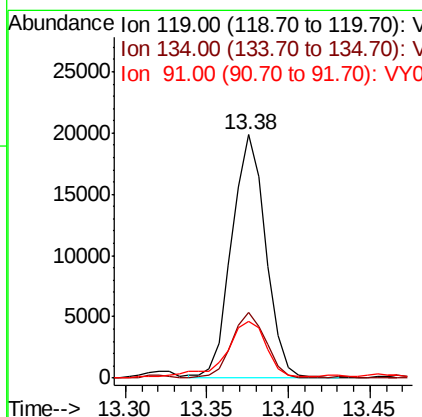
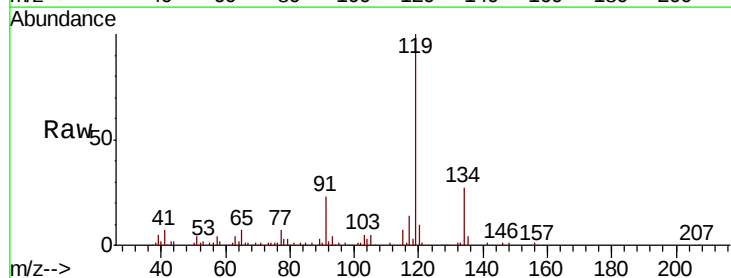
Instrument :
MSVOA_Y
ClientSampleId :

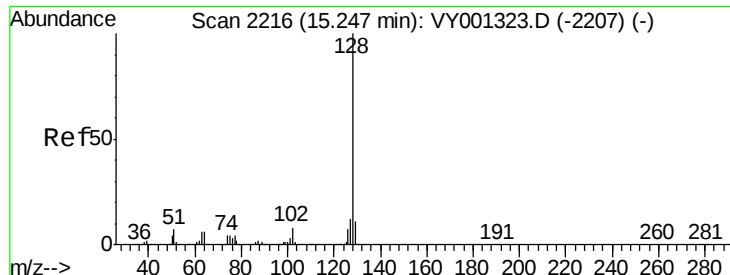
Tot Ion: 75 Resp: 60340
Ion Ratio Lower Upper
75 100
53 0.0 69.9 104.9#
89 0.0 36.6 54.8#



#86
p-Isopropyltoluene
Concen: 3.722 ug/l
RT: 13.38 min Scan# 1909
Delta R.T. -0.03 min
Lab File: VY001338.D
Acq: 22 Jan 2020 17:59

Tgt Ion: 119 Resp: 28819
Ion Ratio Lower Upper
119 100
134 27.1 13.5 40.4
91 28.6 12.2 36.6





#95

Naphthalene

Concen: 63.749 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.17 min

Lab File: VY001338.D

Acq: 22 Jan 2020 17:59

Instrument :

MSVOA_Y

ClientSampleId :

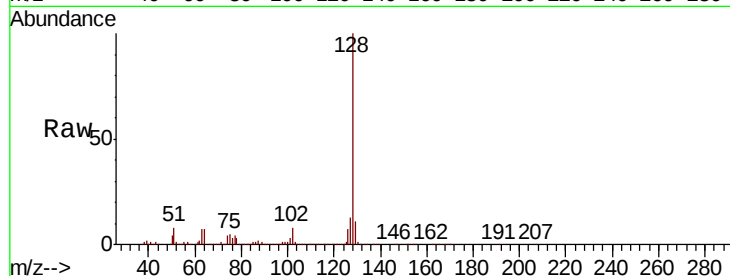
Tot Ion:128 Resp: 338246

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 11.0 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

