

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
 Data File : VY001392.D
 Acq On : 24 Jan 2020 18:53
 Operator : SY/MD
 Sample : L1263-05
 Misc : 5.95G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 25 03:52:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	166154	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	300492	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	272532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	120481	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	95981	53.09	ug/l	0.00
Spiked Amount			Recovery	=	106.18%	
35) Dibromofluoromethane	7.74	113	87378	49.54	ug/l	0.00
Spiked Amount			Recovery	=	99.08%	
50) Toluene-d8	10.19	98	357902	52.23	ug/l	0.00
Spiked Amount			Recovery	=	104.46%	
62) 4-Bromofluorobenzene	12.49	95	127578	46.75	ug/l	0.00
Spiked Amount			Recovery	=	93.50%	

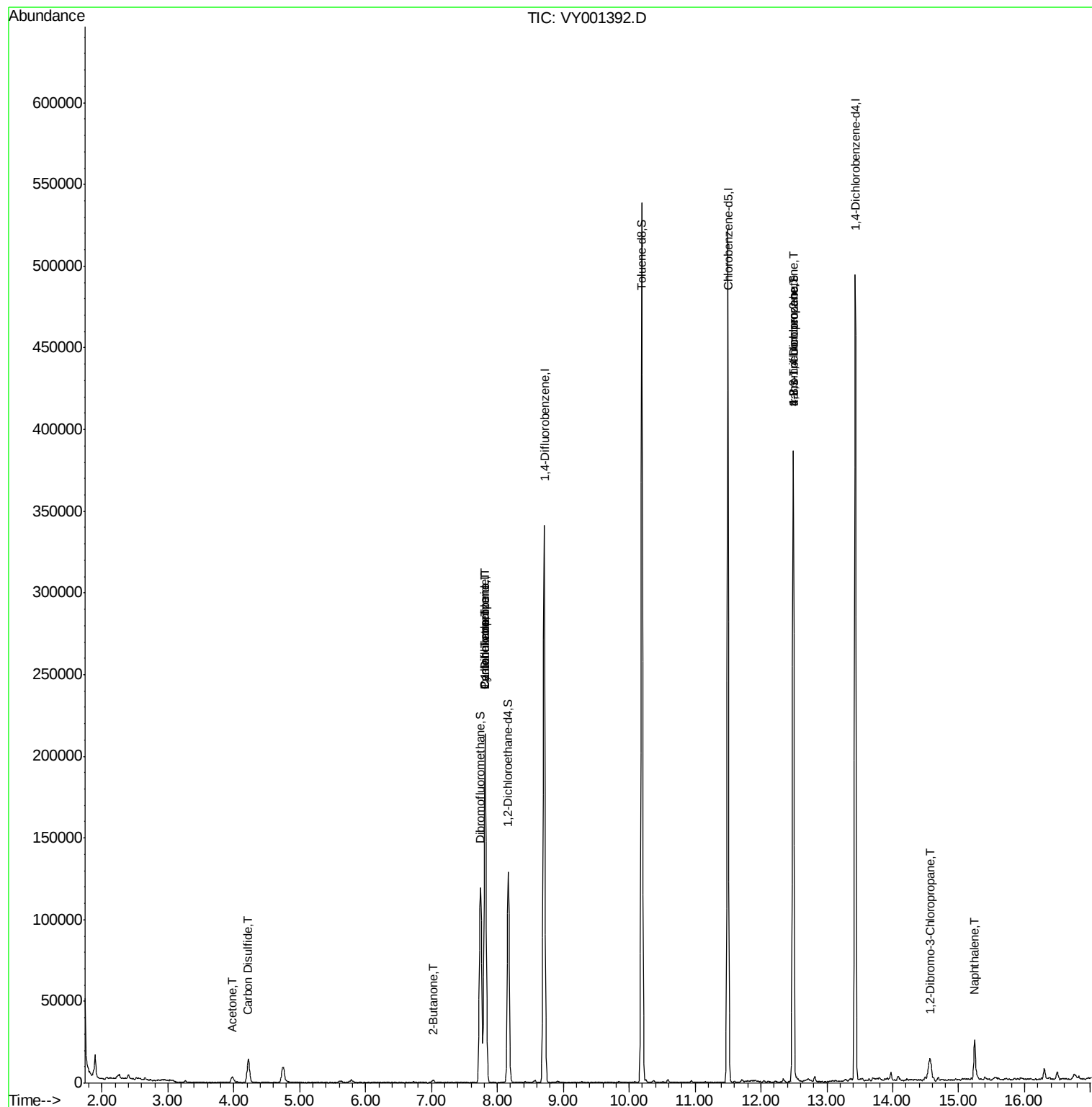
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.99	59	44	Below Cal	#	74
13) Acrolein	3.78	56	35	Below Cal	#	15
16) Acetone	3.98	43	6722	6.738	ug/l #	88
17) Carbon Disulfide	4.22	76	28889	5.207	ug/l	97
20) Methylene Chloride	4.75	84	7463	Below Cal	#	88
25) 2-Butanone	7.03	43	1931	2.454	ug/l	91
31) Cyclohexane	7.81	56	3713	1.062	ug/l #	4
36) 1,1-Dichloropropene	7.81	75	13606	4.793	ug/l #	49
38) Carbon Tetrachloride	7.82	117	16465	6.508	ug/l #	15
76) 1,2,3-Trichloropropane	12.49	75	63734	43.900	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	63734	83.076	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.56	75	1077	3.065	ug/l #	22
95) Naphthalene	15.24	128	17504	3.050	ug/l	99

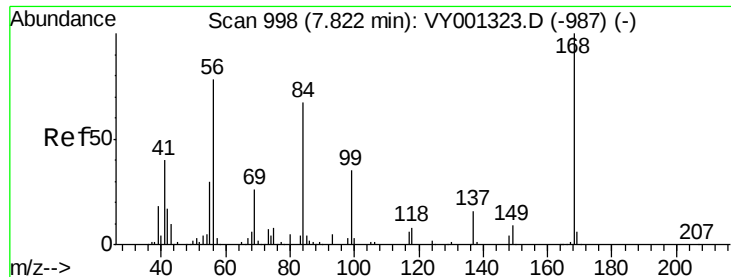
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.01 min

Lab File: VY001392.D

Acq: 24 Jan 2020 18:53

Instrument :

MSVOA_Y

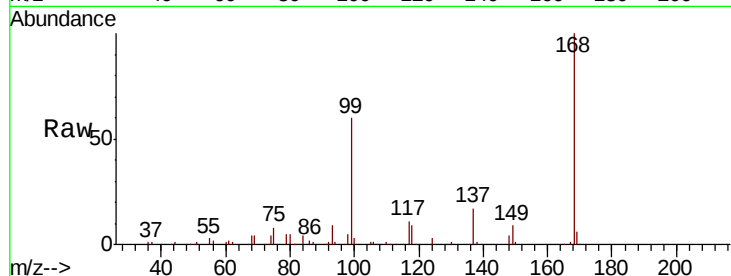
ClientSampleId :

Tot Ion:168 Resp: 166154

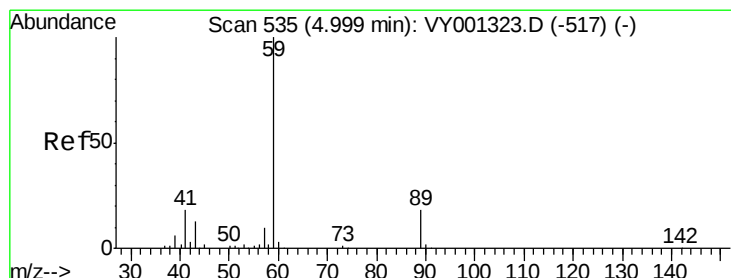
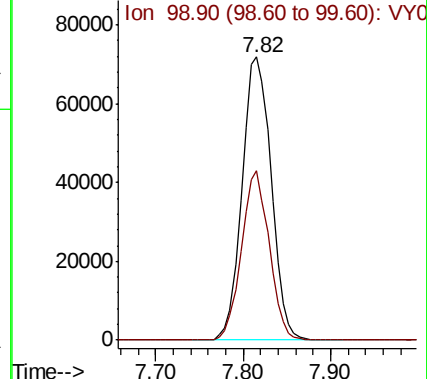
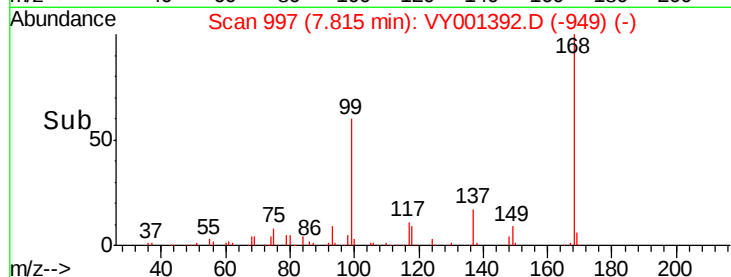
Ion Ratio Lower Upper

168 100

99 59.8 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001392.D (-949) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.99 min Scan# 533

Delta R.T. -0.01 min

Lab File: VY001392.D

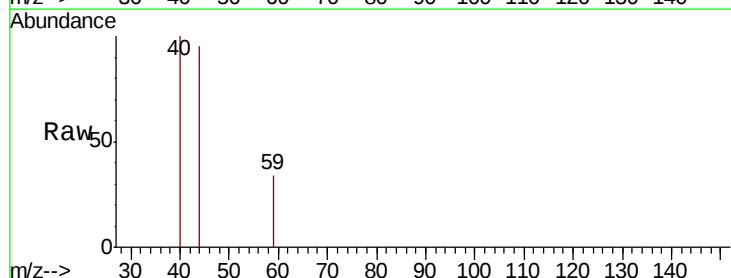
Acq: 24 Jan 2020 18:53

Tgt Ion: 59 Resp: 44

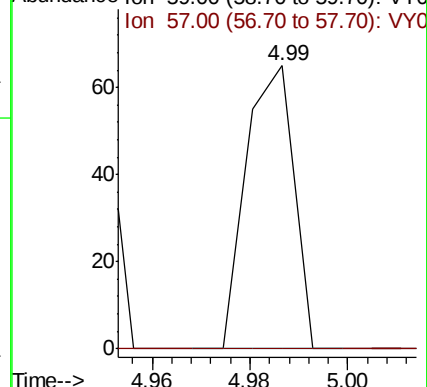
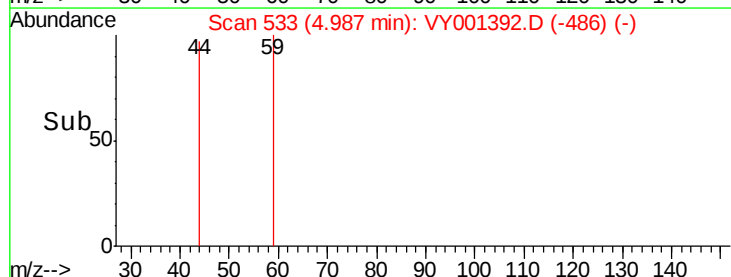
Ion Ratio Lower Upper

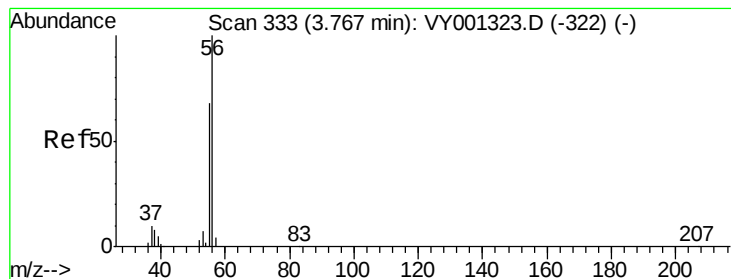
59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001392.D (-486) (-)





#13

Acrolein

Concen: Below Cal

RT: 3.78 min Scan# 335

Delta R.T. 0.01 min

Lab File: VY001392.D

Acq: 24 Jan 2020 18:53

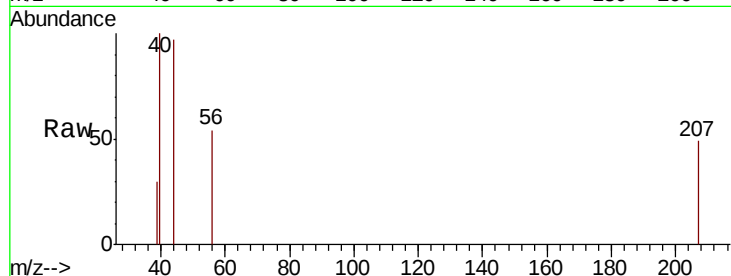
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 35

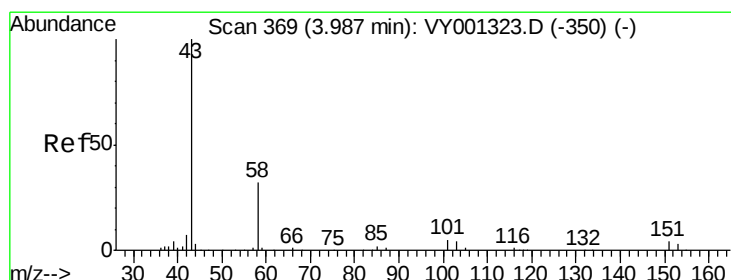
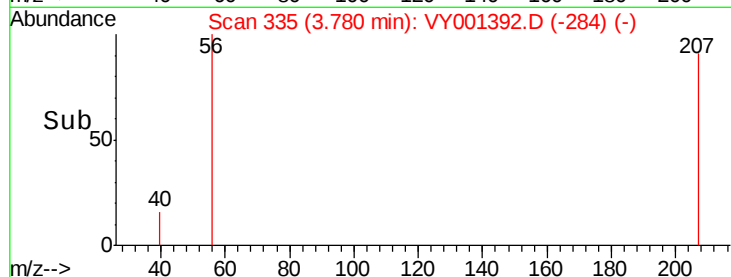
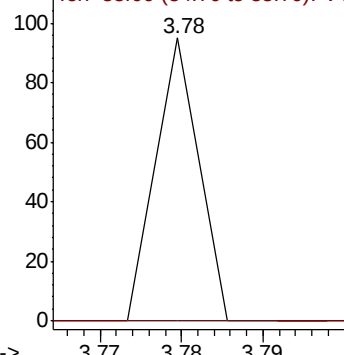
Ion Ratio Lower Upper

56 100

55 0.0 55.9 83.9#



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 55.00 (54.70 to 55.70): VY0



#16

Acetone

Concen: 6.738 ug/l

RT: 3.98 min Scan# 368

Delta R.T. -0.01 min

Lab File: VY001392.D

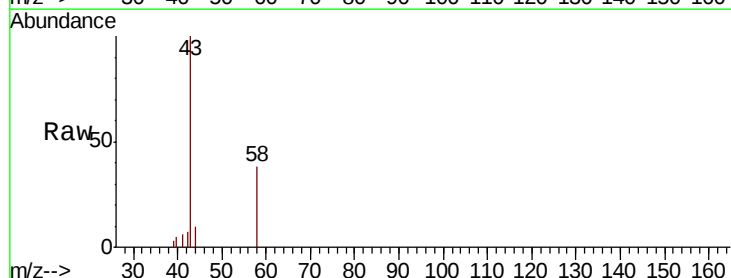
Acq: 24 Jan 2020 18:53

Tgt Ion: 43 Resp: 6722

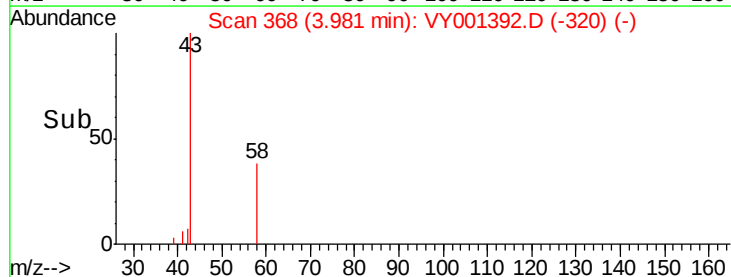
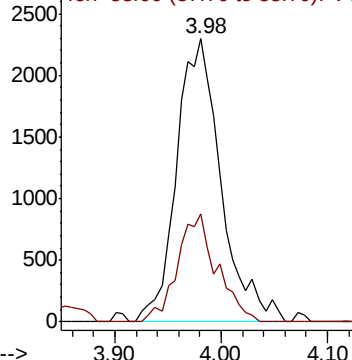
Ion Ratio Lower Upper

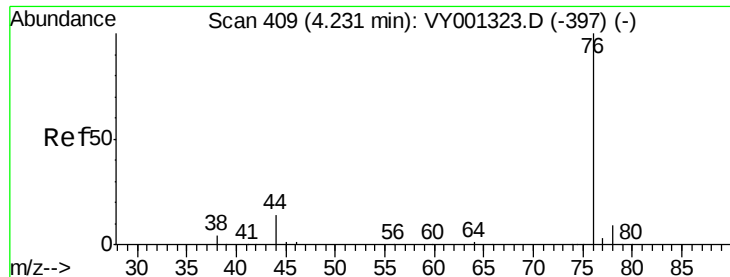
43 100

58 38.3 25.4 38.0#



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

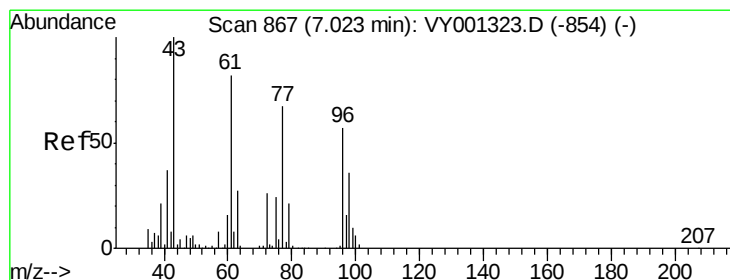
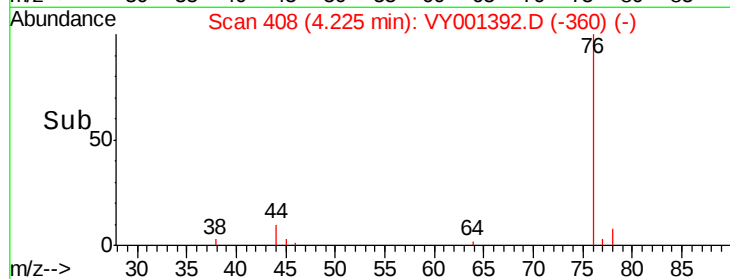
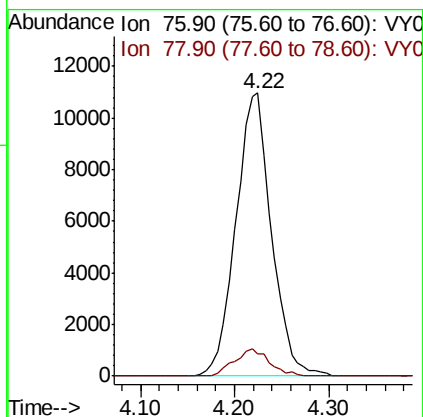
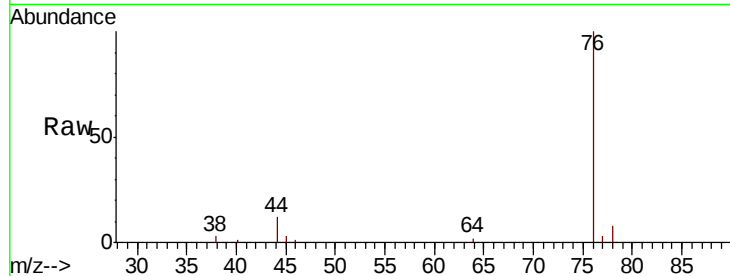




#17
Carbon Disulfide
Concen: 5.207 ug/l
RT: 4.22 min Scan# 408
Delta R.T. -0.01 min
Lab File: VY001392.D
Acq: 24 Jan 2020 18:53

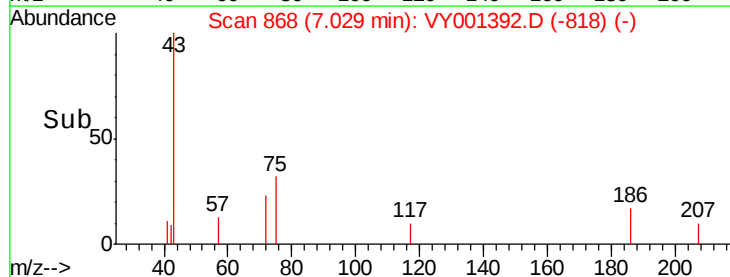
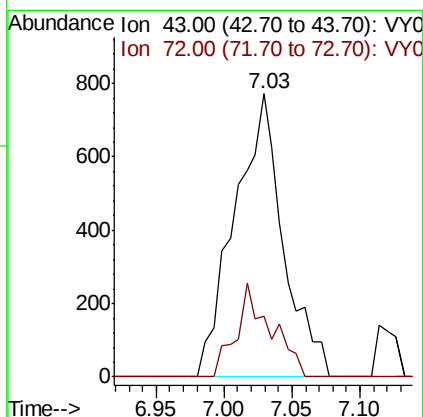
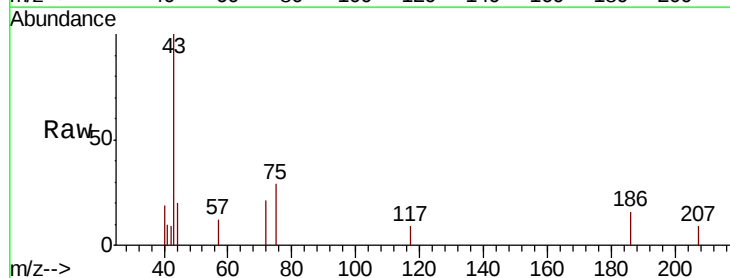
Instrument :
MSVOA_Y
ClientSampled :

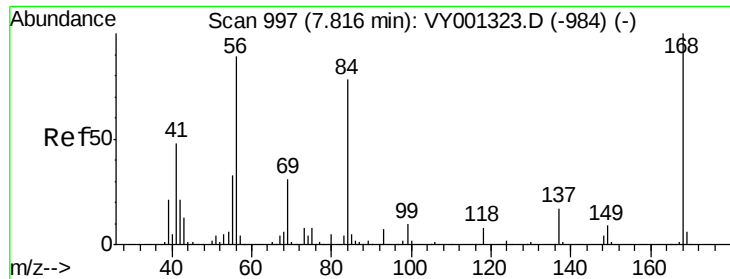
Tot Ion: 76 Resp: 28889
Ion Ratio Lower Upper
76 100
78 7.7 7.0 10.6



#25
2-Butanone
Concen: 2.454 ug/l
RT: 7.03 min Scan# 868
Delta R.T. 0.01 min
Lab File: VY001392.D
Acq: 24 Jan 2020 18:53

Tgt Ion: 43 Resp: 1931
Ion Ratio Lower Upper
43 100
72 21.2 20.6 31.0

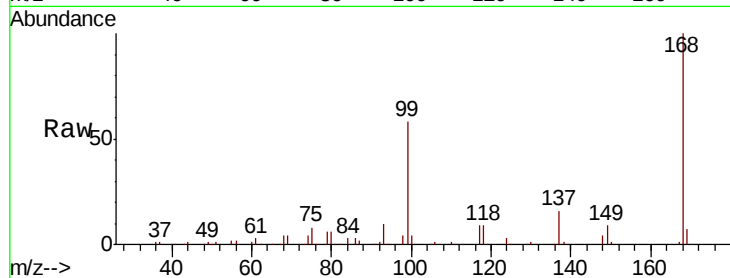




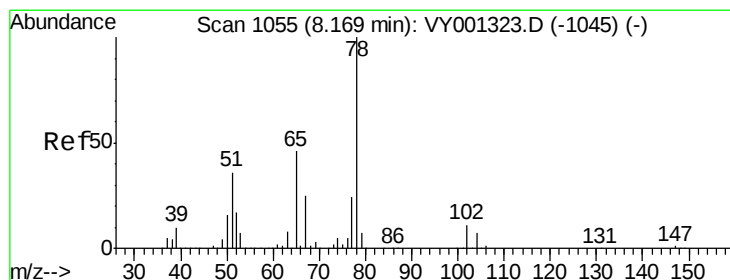
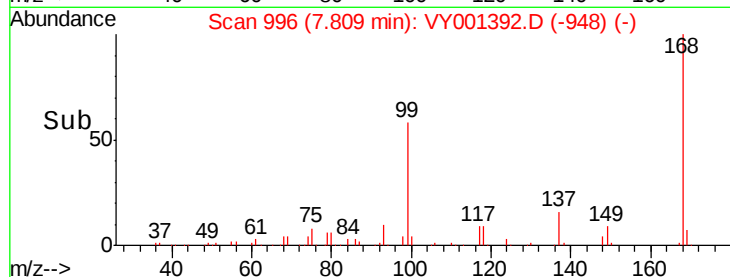
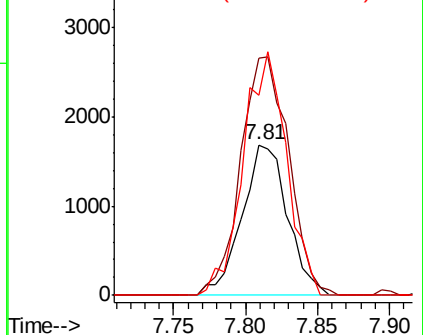
#31
Cyclohexane
Concen: 1.062 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.01 min
Lab File: VY001392.D
Acq: 24 Jan 2020 18:53

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 3713
Ion Ratio Lower Upper
56 100
69 157.9 27.6 41.4#
84 133.1 69.7 104.5#

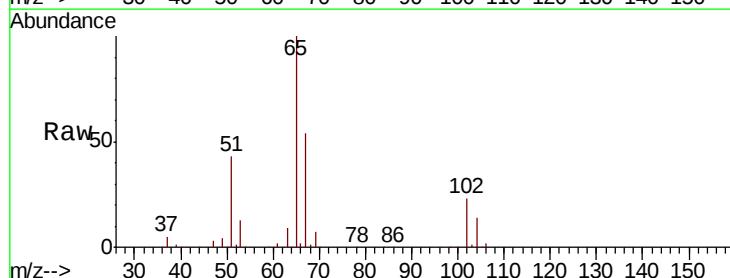


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

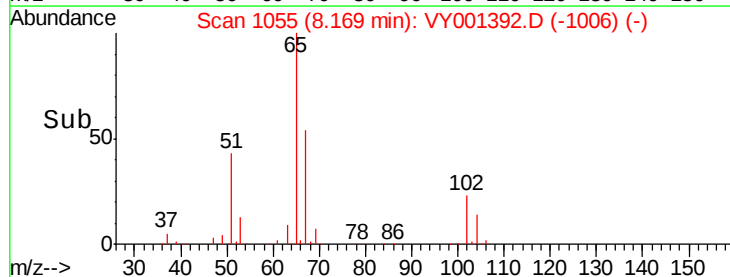
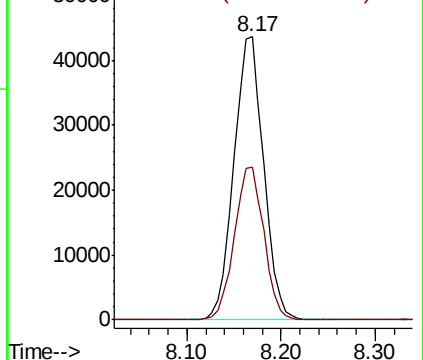


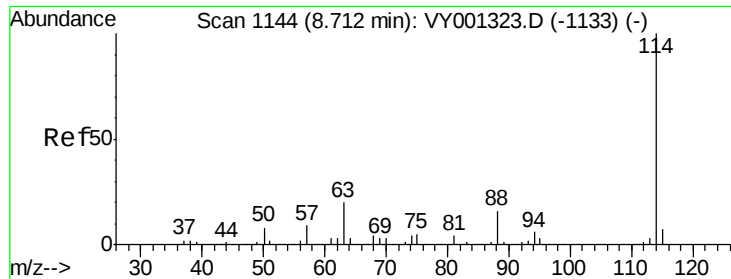
#33
1,2-Dichloroethane-d4
Concen: 53.087 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY001392.D
Acq: 24 Jan 2020 18:53

Tgt Ion: 65 Resp: 95981
Ion Ratio Lower Upper
65 100
67 53.5 0.0 108.6



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

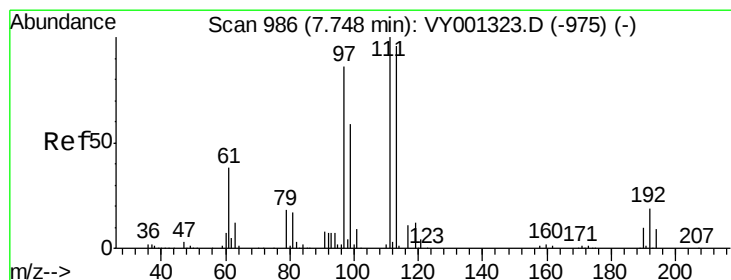
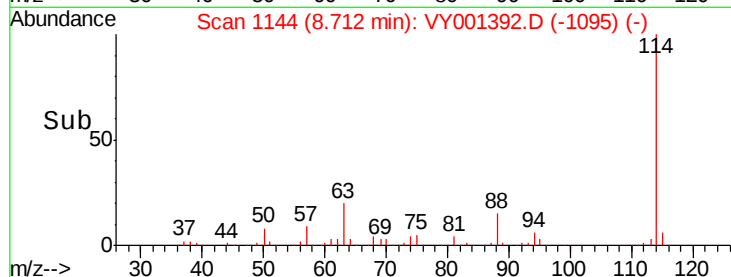
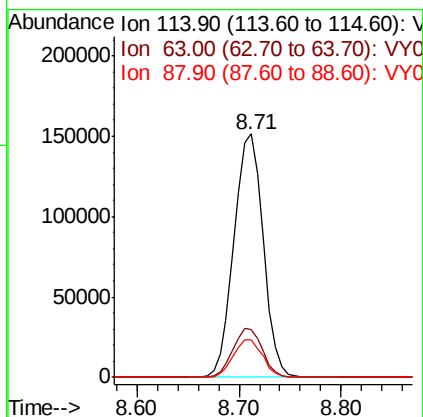
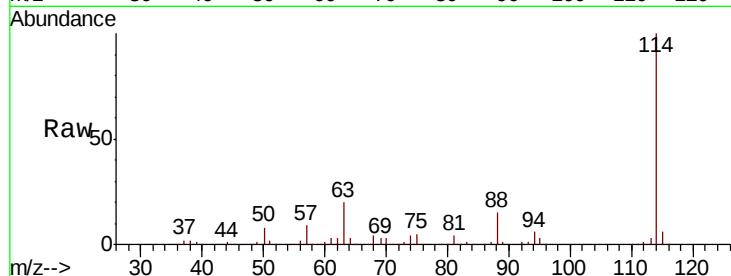




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VY001392.D
 Acq: 24 Jan 2020 18:53

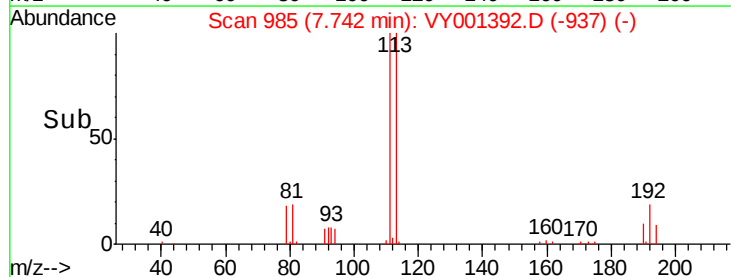
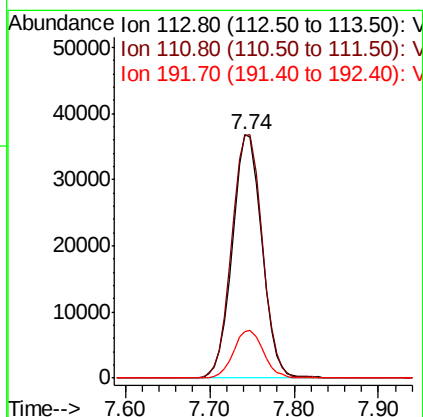
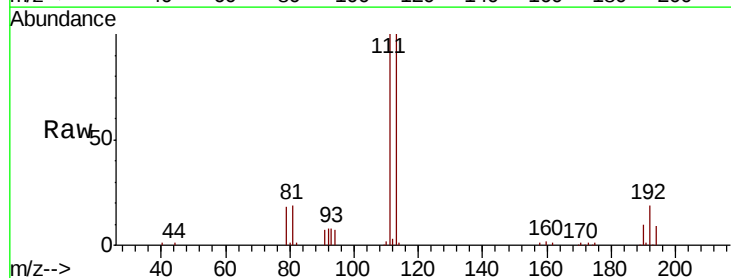
Instrument :
 MSVOA_Y
 ClientSampleId :

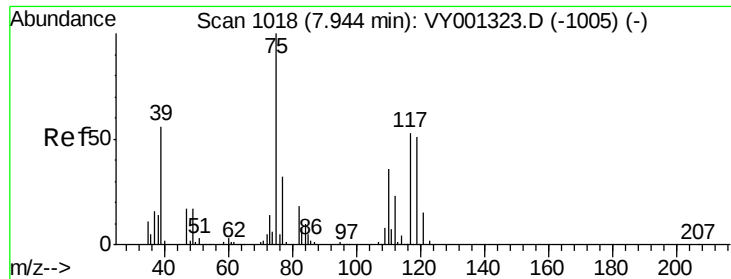
Tot Ion:114 Resp: 300492
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.8
 88 15.3 0.0 31.0



#35
 Dibromofluoromethane
 Concen: 49.545 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001392.D
 Acq: 24 Jan 2020 18:53

Tgt Ion:113 Resp: 87378
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.8 124.2
 192 19.8 15.5 23.3

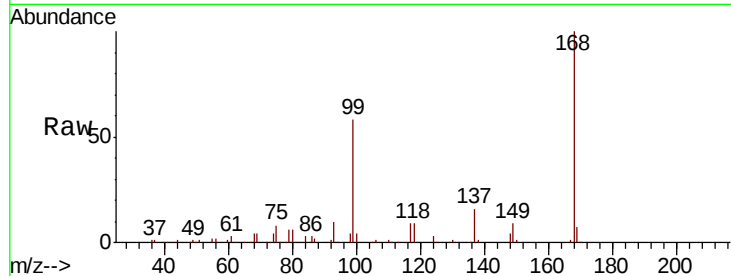




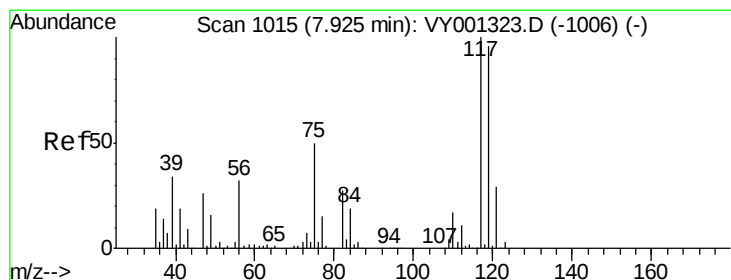
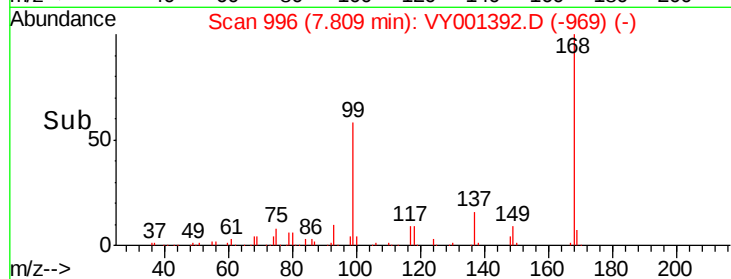
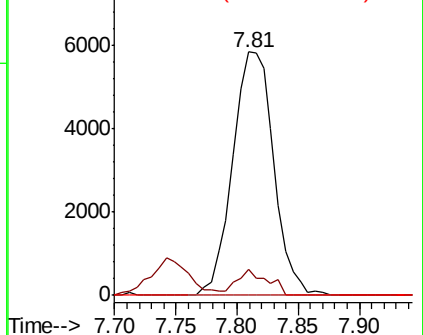
#36
 1,1-Dichloropropene
 Concen: 4.793 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.13 min
 Lab File: VY001392.D
 Acq: 24 Jan 2020 18:53

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.0	17.6	52.8#
77	0.0	24.7	37.1#

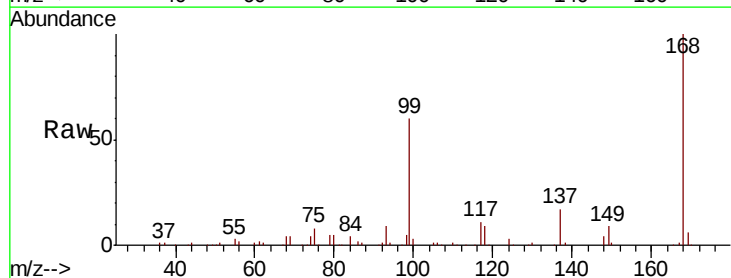


Abundance Ion 74.90 (74.60 to 75.60): VY001392.D (-969) (-)

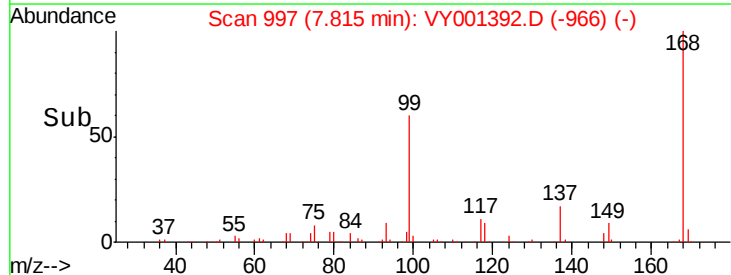
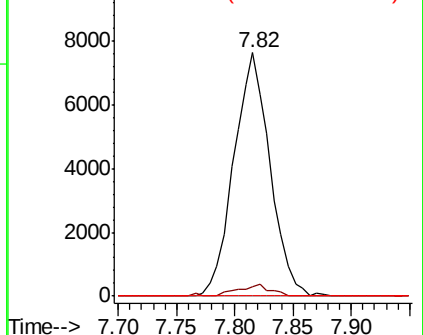


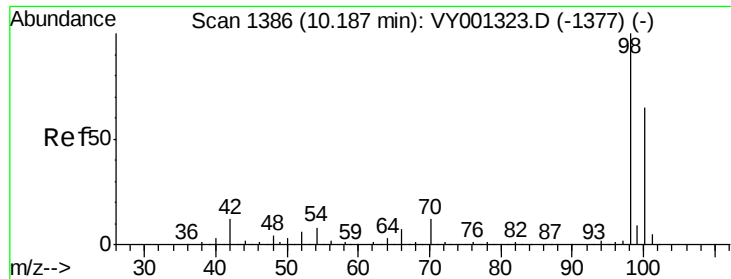
#38
 Carbon Tetrachloride
 Concen: 6.508 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.11 min
 Lab File: VY001392.D
 Acq: 24 Jan 2020 18:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.8	76.3	114.5#
121	0.0	23.5	35.3#



Abundance Ion 116.80 (116.50 to 117.50): VY001392.D (-966) (-)





#50

Toluene-d8

Concen: 52.233 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001392.D

Acq: 24 Jan 2020 18:53

Instrument :

MSVOA_Y

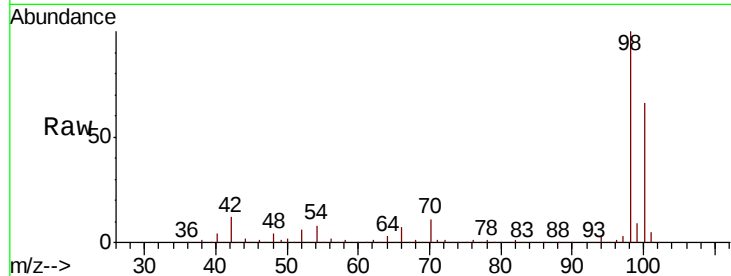
ClientSampleId :

Tot Ion: 98 Resp: 357902

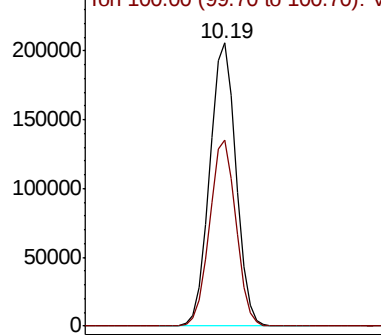
Ion Ratio Lower Upper

98 100

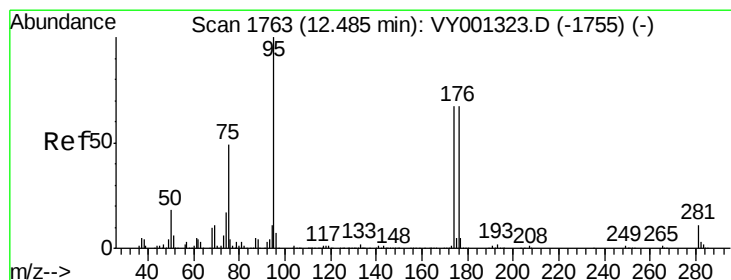
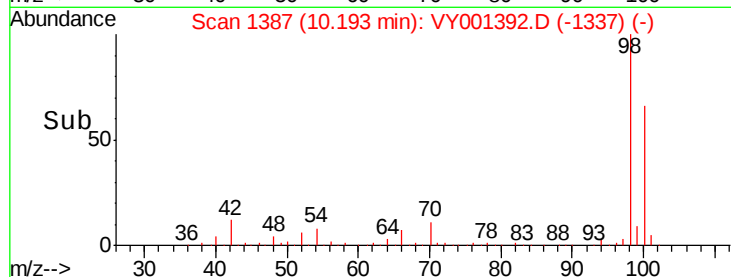
100 65.7 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY001323.D (-1377) (-)



Time-->



#62

4-Bromofluorobenzene

Concen: 46.754 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001392.D

Acq: 24 Jan 2020 18:53

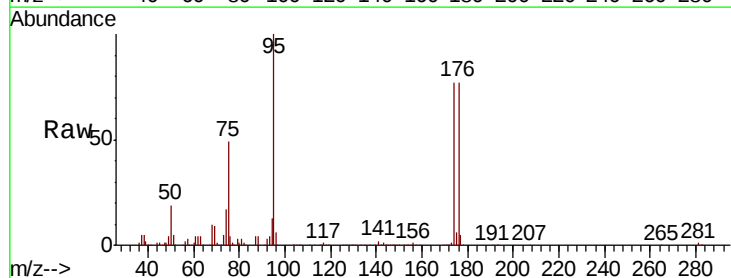
Tgt Ion: 95 Resp: 127578

Ion Ratio Lower Upper

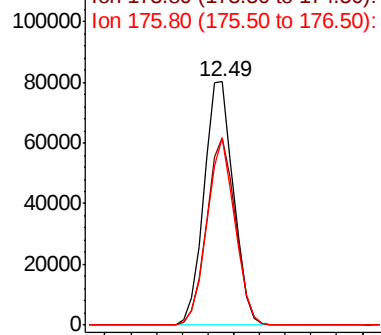
95 100

174 74.9 0.0 142.0

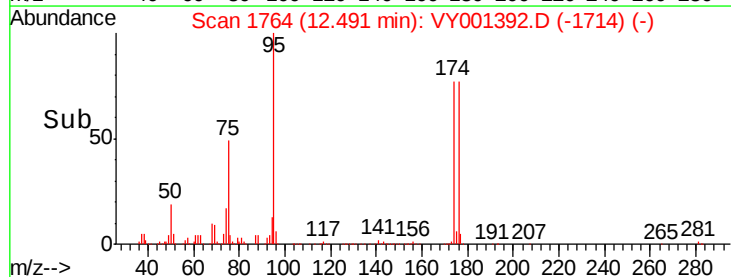
176 72.3 0.0 138.6

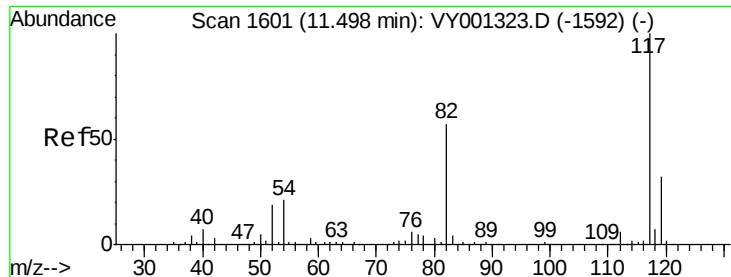


Abundance Ion 94.90 (94.60 to 95.60): VY001323.D (-1755) (-)



Time-->

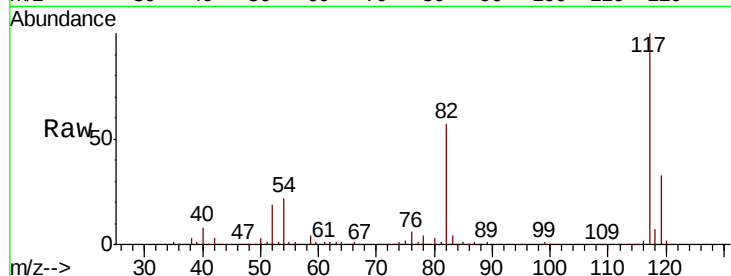




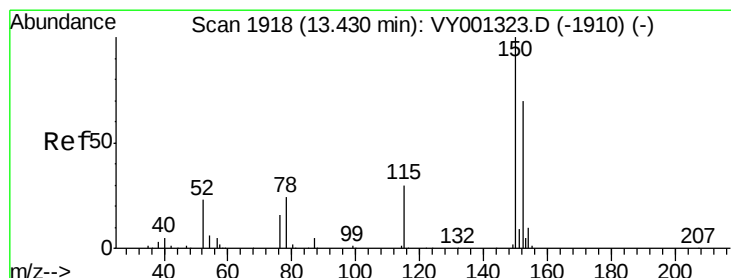
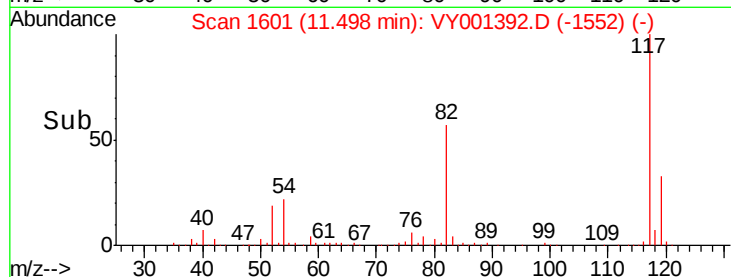
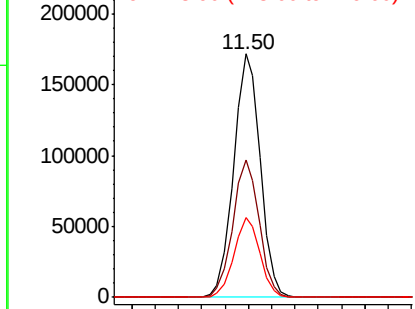
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001392.D
Acq: 24 Jan 2020 18:53

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 272532
Ion Ratio Lower Upper
117 100
82 56.5 45.5 68.3
119 32.7 25.8 38.6

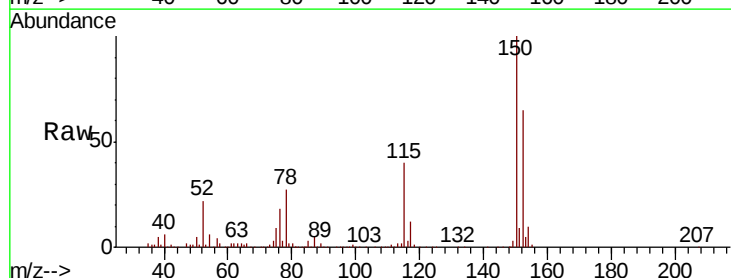


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

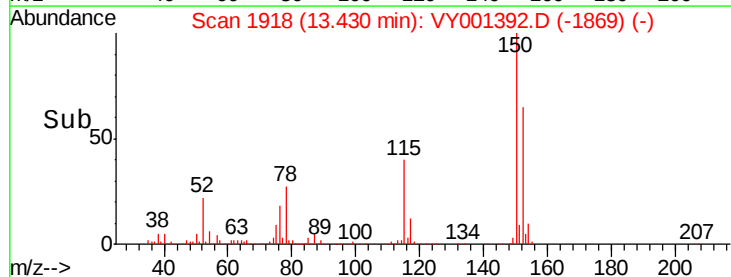
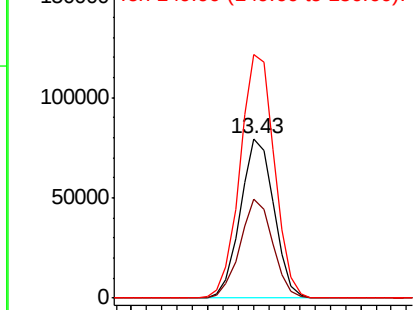


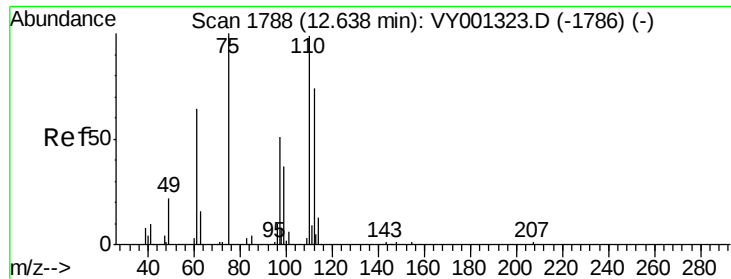
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY001392.D
Acq: 24 Jan 2020 18:53

Tgt Ion:152 Resp: 120481
Ion Ratio Lower Upper
152 100
115 60.8 30.9 92.8
150 156.6 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





#76

1,2,3-Trichloropropane

Concen: 43.900 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001392.D

Acq: 24 Jan 2020 18:53

Instrument :

MSVOA_Y

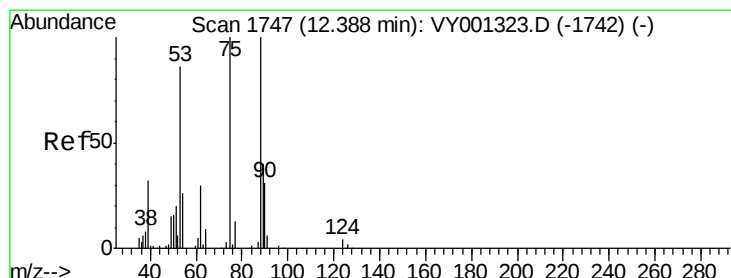
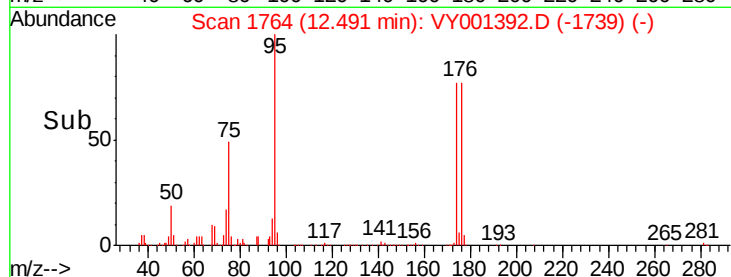
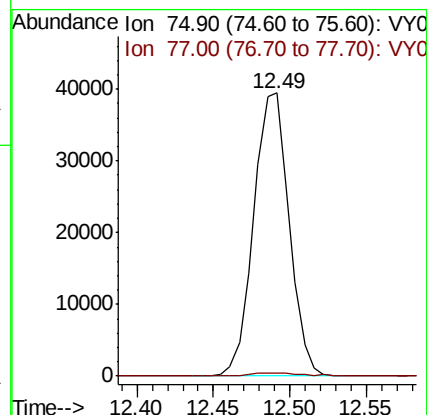
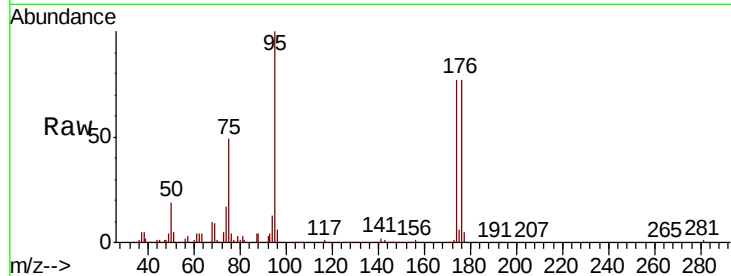
ClientSampleId :

Tot Ion: 75 Resp: 63734

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 83.076 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001392.D

Acq: 24 Jan 2020 18:53

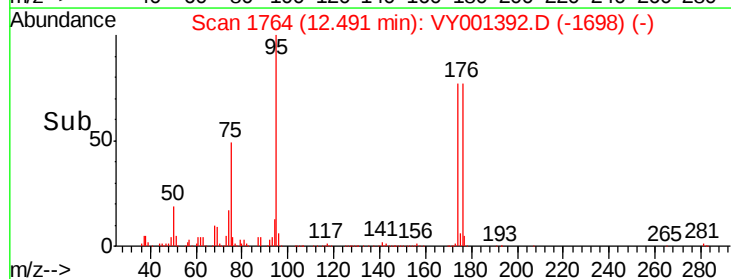
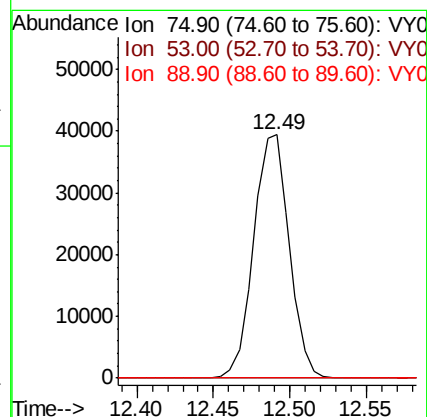
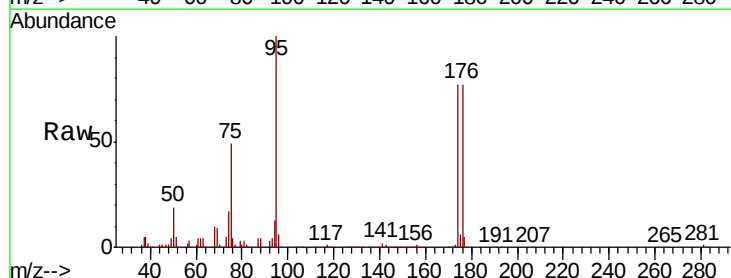
Tgt Ion: 75 Resp: 63734

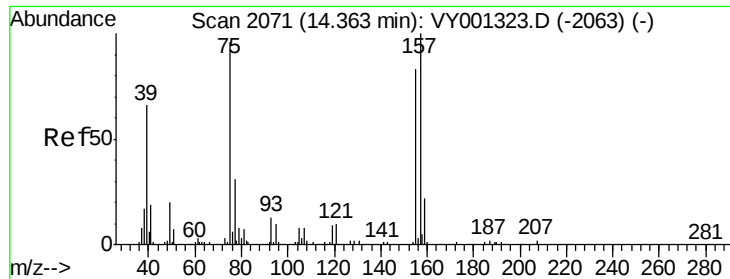
Ion Ratio Lower Upper

75 100

53 0.0 69.9 104.9#

89 0.1 36.6 54.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 3.065 ug/l

RT: 14.56 min Scan# 2103

Delta R.T. 0.19 min

Lab File: VY001392.D

Acq: 24 Jan 2020 18:53

Instrument :

MSVOA_Y

ClientSampleId :

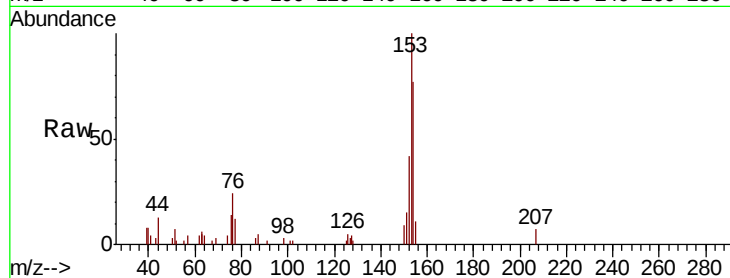
Tot Ion: 75 Resp: 1077

Ion Ratio Lower Upper

75 100

155 128.9 43.0 129.2

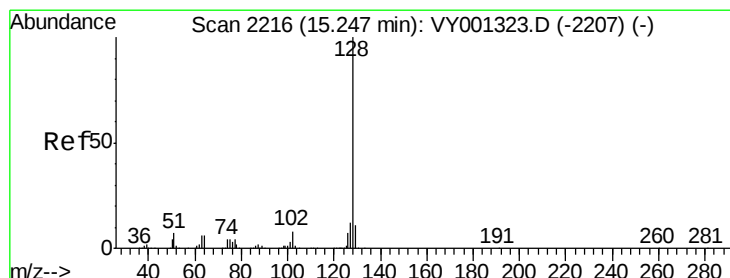
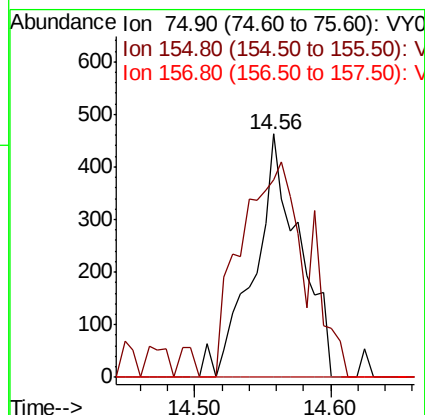
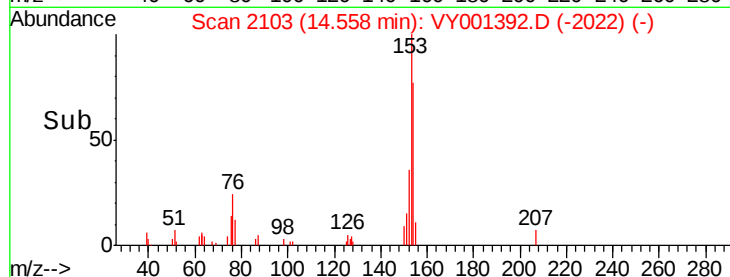
157 0.0 53.3 160.0#



Abundance Ion 74.90 (74.60 to 75.60): VY001392.D (-2063) (-)

Ion 154.80 (154.50 to 155.50): VY001392.D (-2063) (-)

Ion 156.80 (156.50 to 157.50): VY001392.D (-2063) (-)



#95

Naphthalene

Concen: 3.050 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY001392.D

Acq: 24 Jan 2020 18:53

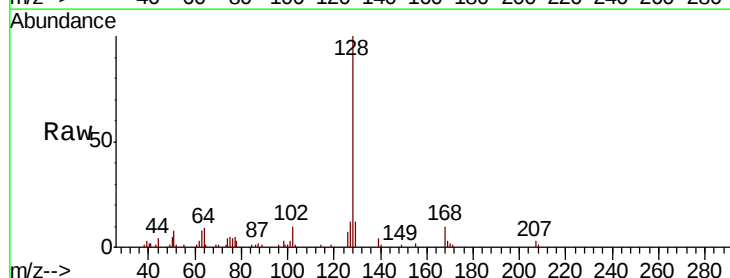
Tgt Ion: 128 Resp: 17504

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 11.5 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): VY001392.D (-2167) (-)

Ion 127.00 (126.70 to 127.70): VY001392.D (-2167) (-)

Ion 129.00 (128.70 to 129.70): VY001392.D (-2167) (-)

