

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY032720\
 Data File : VY002109.D
 Acq On : 27 Mar 2020 16:38
 Operator : SY/MD
 Sample : L2049-06
 Misc : 8.38G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3-(10-12)

Quant Time: Mar 30 03:26:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

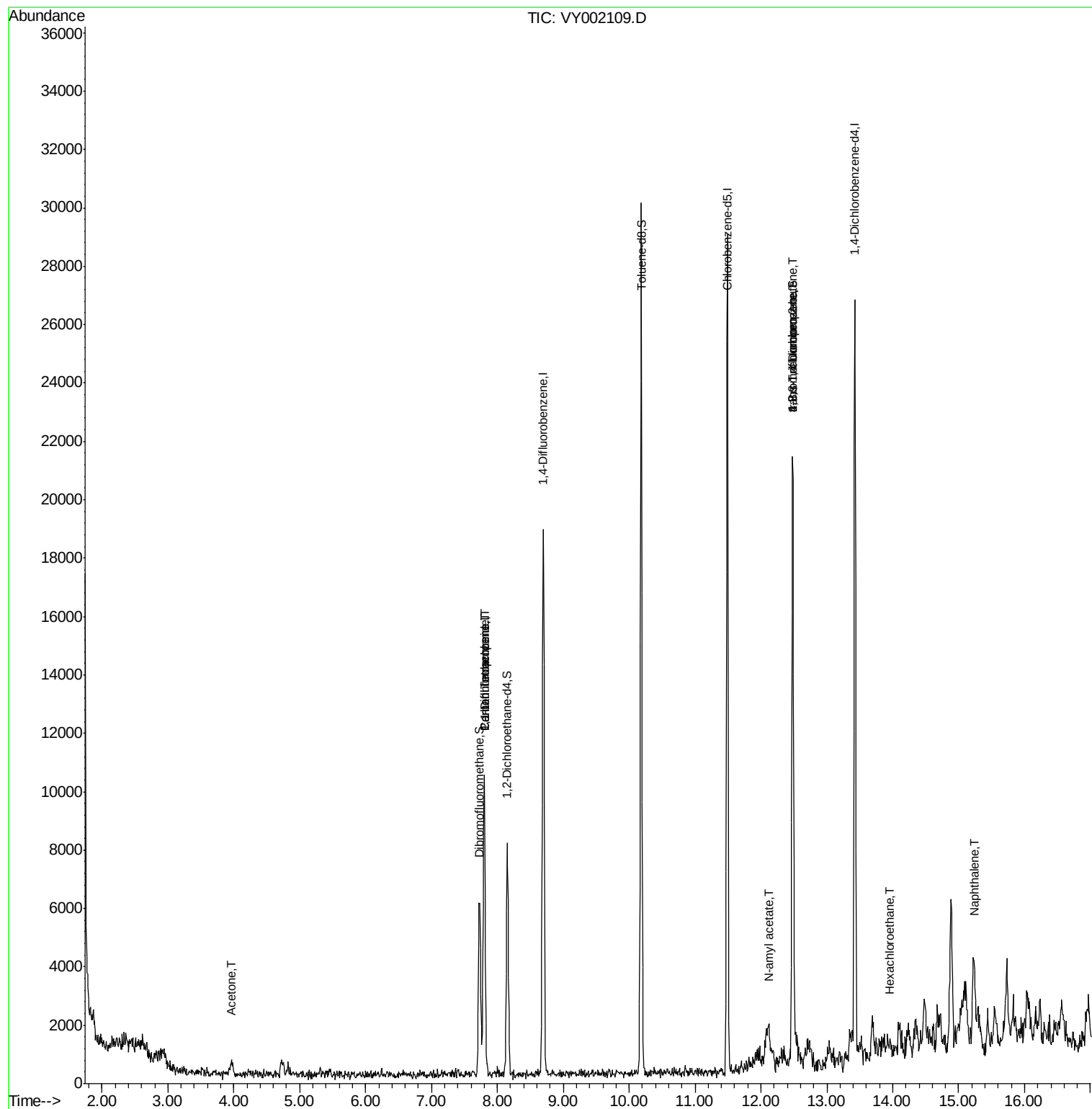
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	7821	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	15557	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	14629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	6338	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	5805	67.14	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	134.28%	
35) Dibromofluoromethane	7.72	113	4399	50.47	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	100.94%	
50) Toluene-d8	10.18	98	18419	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.48	95	6407	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
Target Compounds						
					Qvalue	
16) Acetone	3.96	43	763	31.411	ug/l #	87
36) 1,1-Dichloropropene	7.80	75	578	3.928	ug/l #	42
38) Carbon Tetrachloride	7.81	117	805	6.448	ug/l #	13
74) N-amyl acetate	12.11	43	795	5.361	ug/l #	55
76) 1,2,3-Trichloropropane	12.48	75	3468	48.916	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	3468	94.768	ug/l #	17
90) Hexachloroethane	13.96	117	83	1.070	ug/l #	19
95) Naphthalene	15.23	128	796	2.868	ug/l #	94

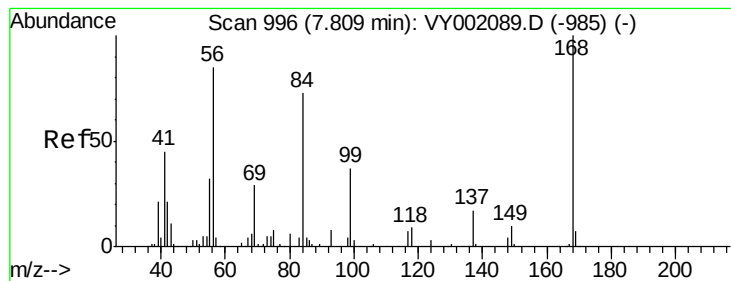
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002109.D

Acq: 27 Mar 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

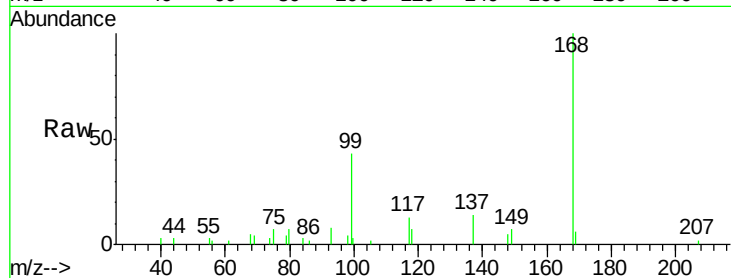
SB-3-(10-12)

Tgt Ion:168 Resp: 7821

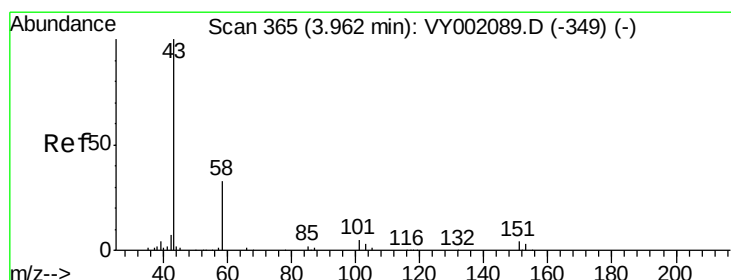
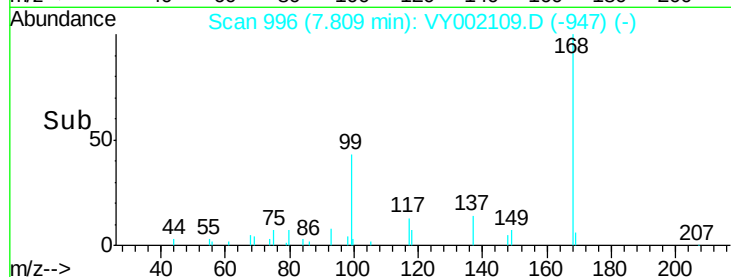
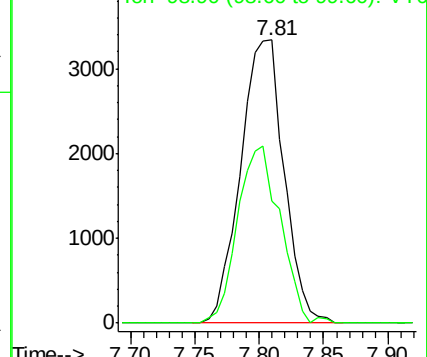
Ion Ratio Lower Upper

168 100

99 43.4 47.6 71.4#



Abundance Ion 167.90 (167.60 to 168.60): VY002109.D (-947) (-)



#16

Acetone

Concen: 31.411 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY002109.D

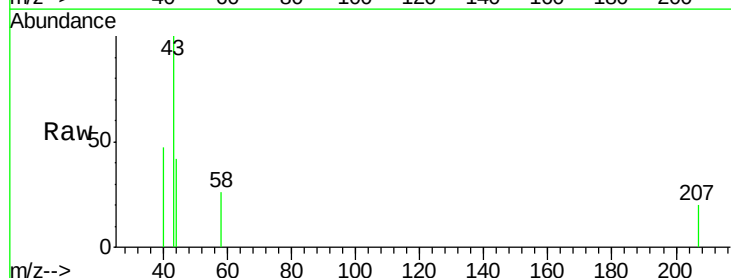
Acq: 27 Mar 2020 16:38

Tgt Ion: 43 Resp: 763

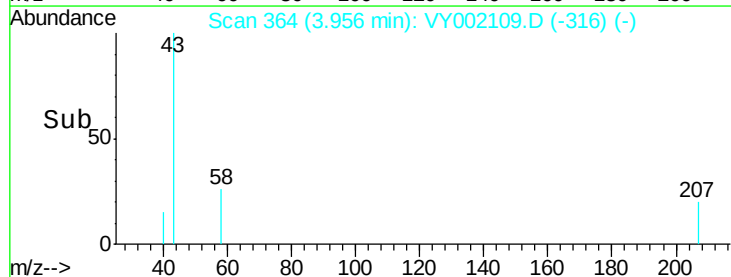
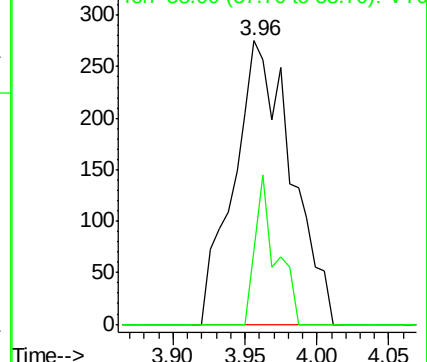
Ion Ratio Lower Upper

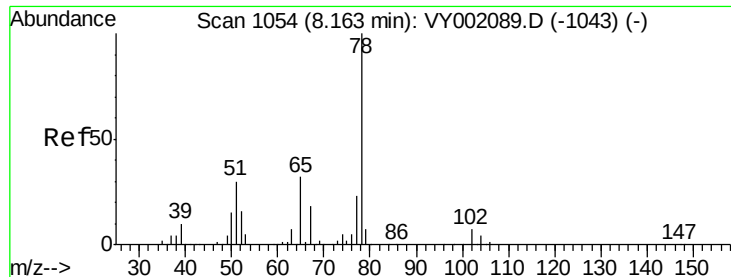
43 100

58 25.8 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002109.D (-316) (-)

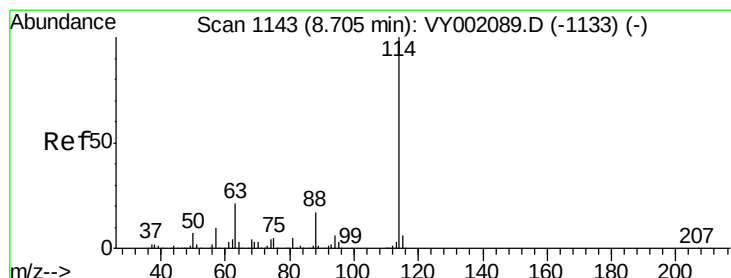
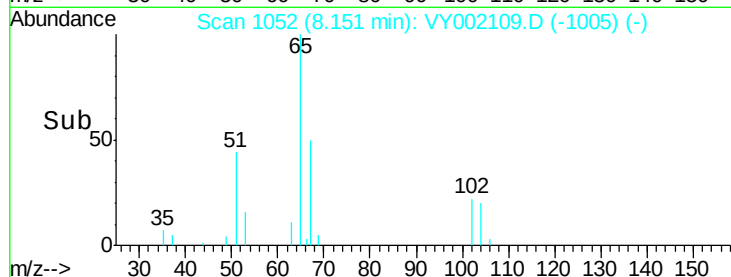
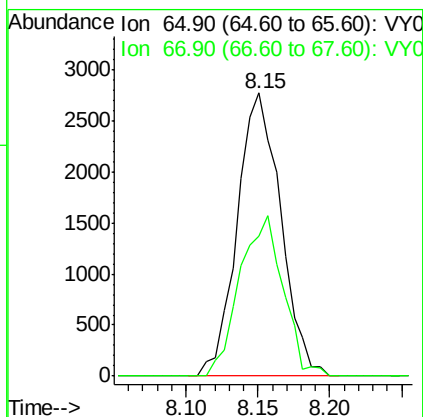
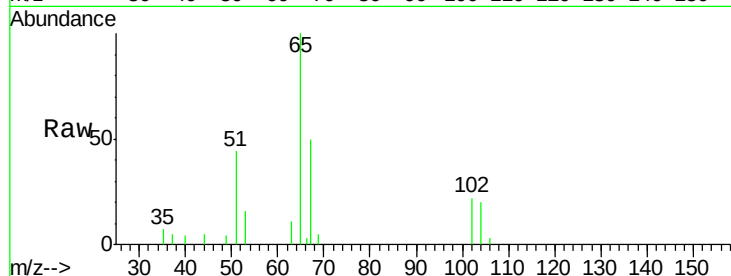




#33
 1,2-Dichloroethane-d4
 Concen: 67.142 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002109.D
 Acq: 27 Mar 2020 16:38

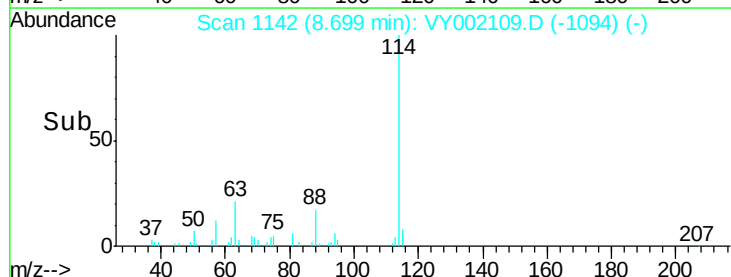
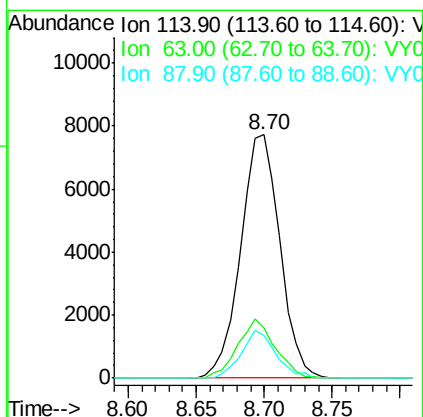
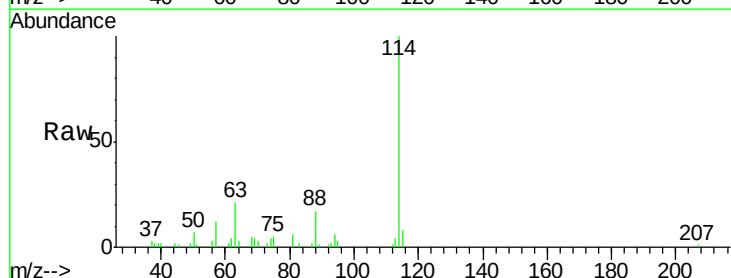
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 MSVOA_Y
 ClientSampleId :
 SB-3-(10-12)

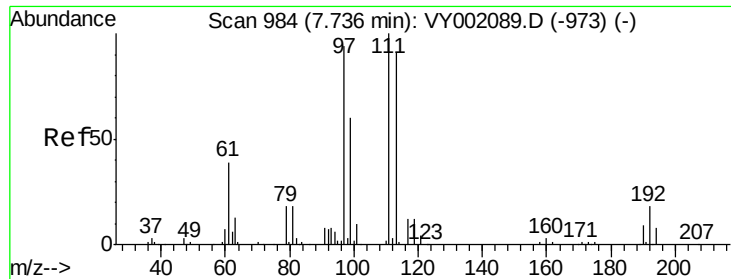
Tgt Ion: 65 Resp: 5805
 Ion Ratio Lower Upper
 65 100
 67 56.7 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002109.D
 Acq: 27 Mar 2020 16:38

Tgt Ion: 114 Resp: 15557
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.4
 88 17.3 0.0 33.0

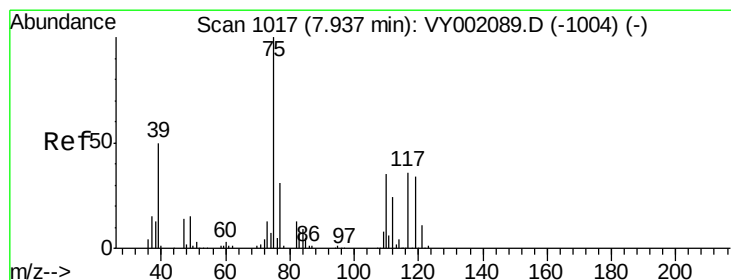
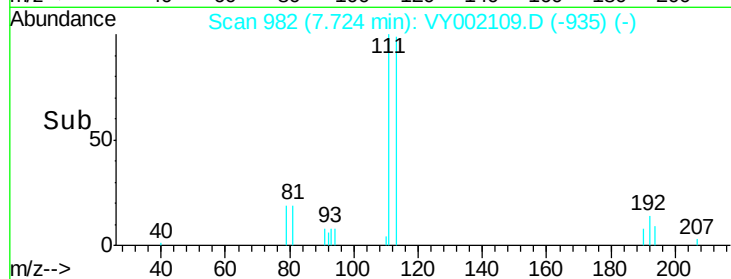
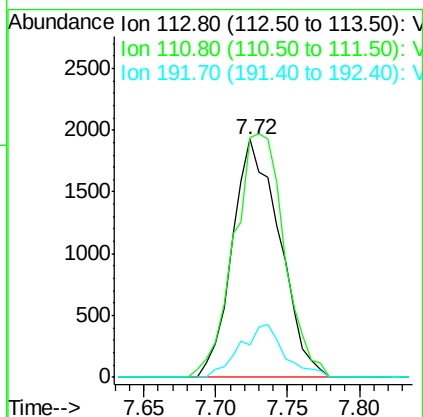
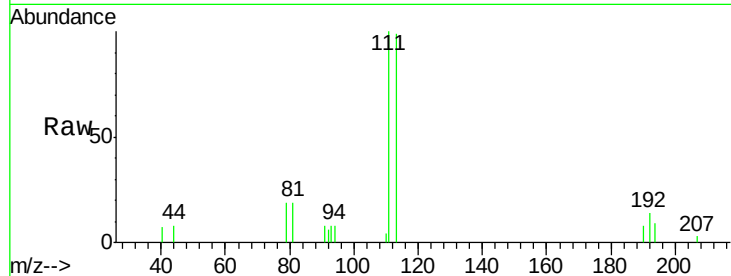




#35
 Dibromofluoromethane
 Concen: 50.466 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002109.D
 Acq: 27 Mar 2020 16:38

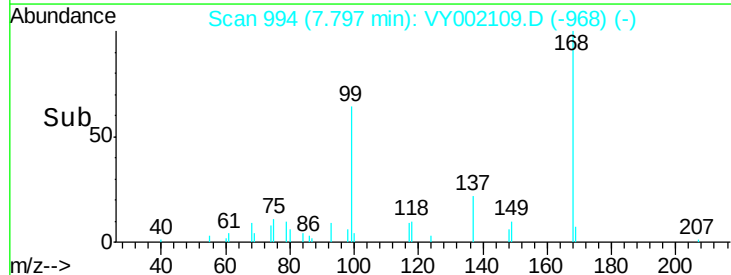
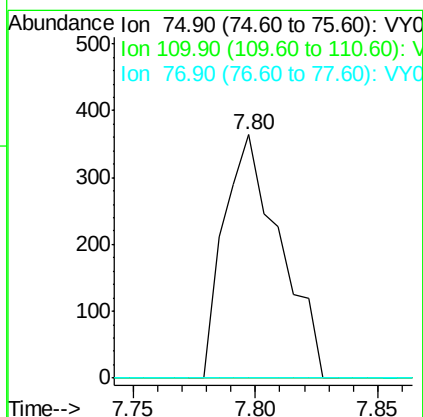
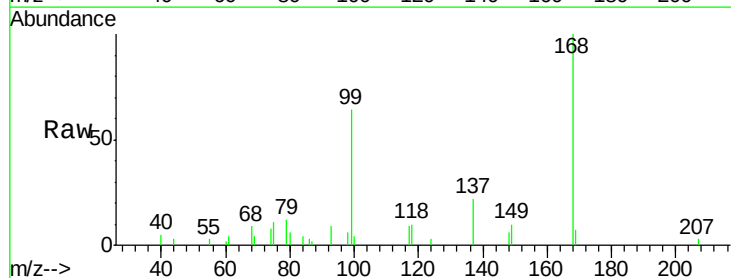
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3-(10-12)

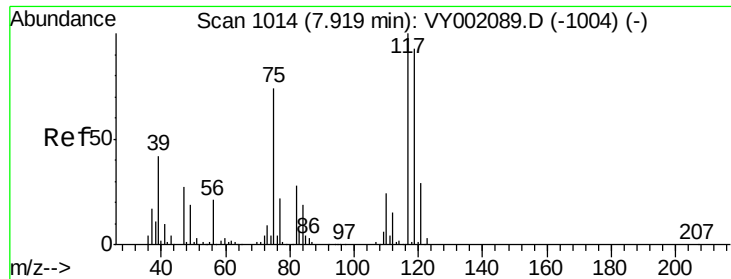
Tgt Ion:113 Resp: 4399
 Ion Ratio Lower Upper
 113 100
 111 108.2 84.4 126.6
 192 20.6 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 3.928 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.14 min
 Lab File: VY002109.D
 Acq: 27 Mar 2020 16:38

Tgt Ion: 75 Resp: 578
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.2 51.6#
 77 0.0 24.7 37.1#

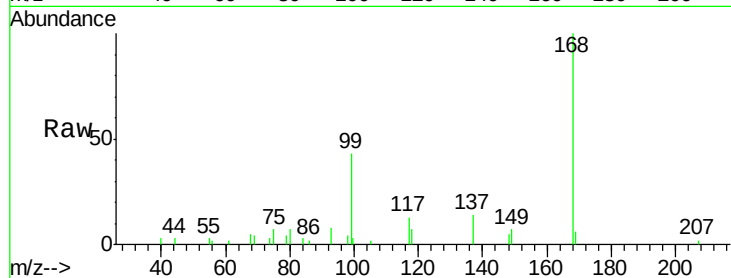




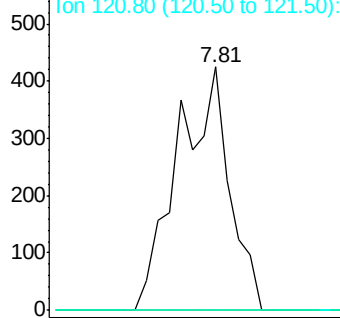
#38
Carbon Tetrachloride
Concen: 6.448 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.11 min
Lab File: VY002109.D
Acq: 27 Mar 2020 16:38

Instrument :
MSVOA_Y
ClientSampled :
SB-3-(10-12)

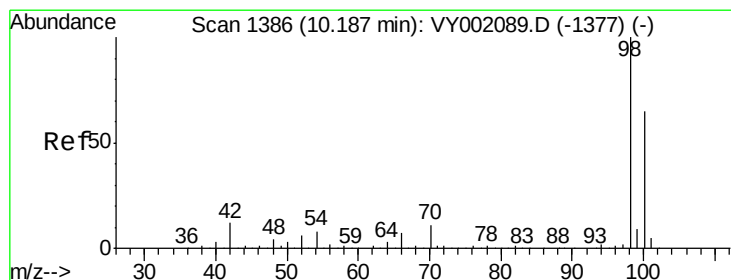
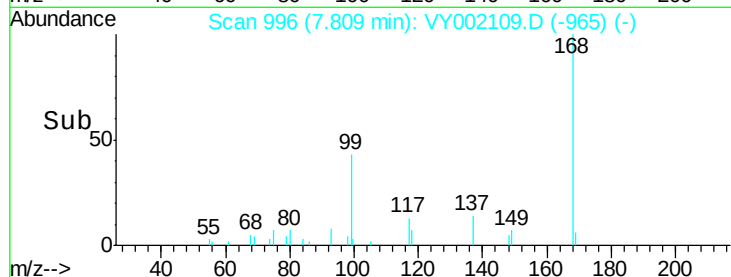
Tgt Ion:117 Resp: 805
Ion Ratio Lower Upper
117 100
119 0.0 74.3 111.5#
121 0.0 23.3 34.9#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

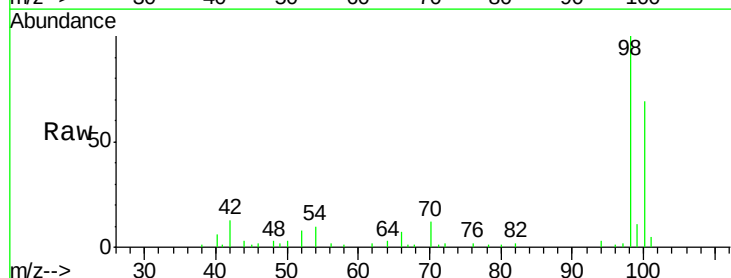


Time-->

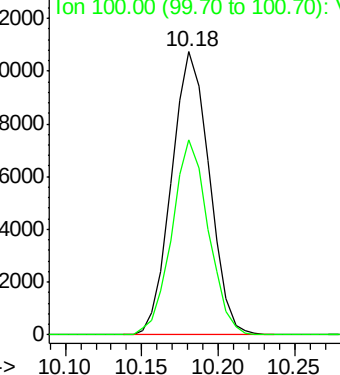


#50
Toluene-d8
Concen: 50.865 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY002109.D
Acq: 27 Mar 2020 16:38

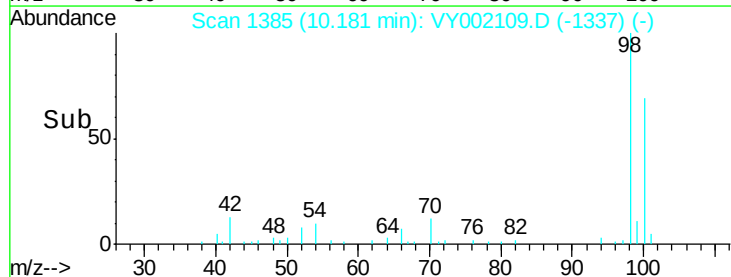
Tgt Ion: 98 Resp: 18419
Ion Ratio Lower Upper
98 100
100 66.7 51.6 77.4

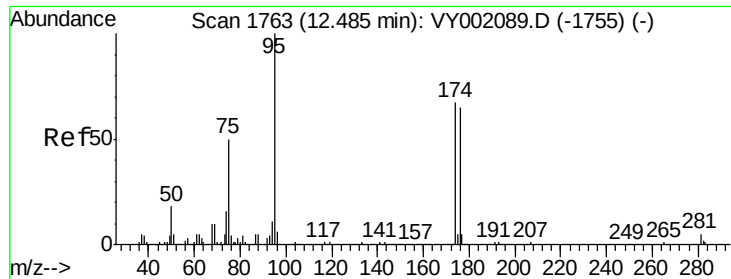


Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0



Time-->

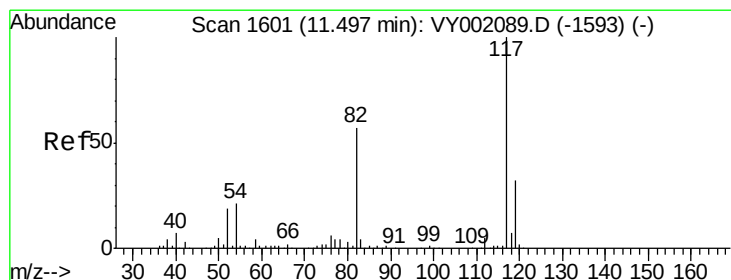
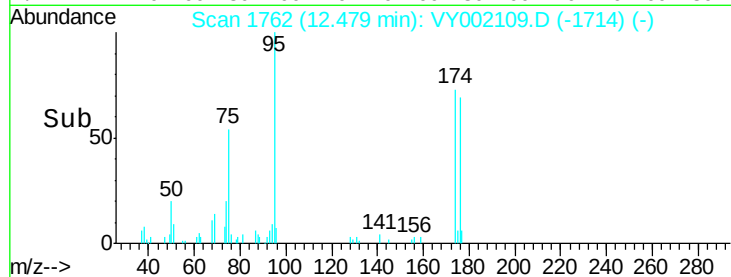
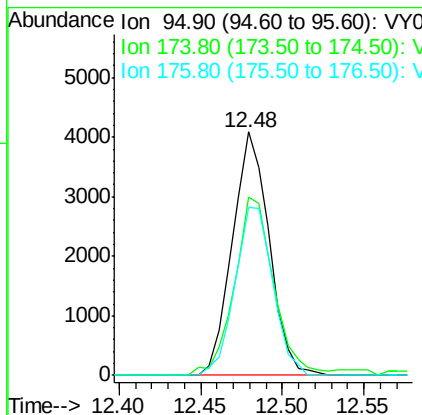
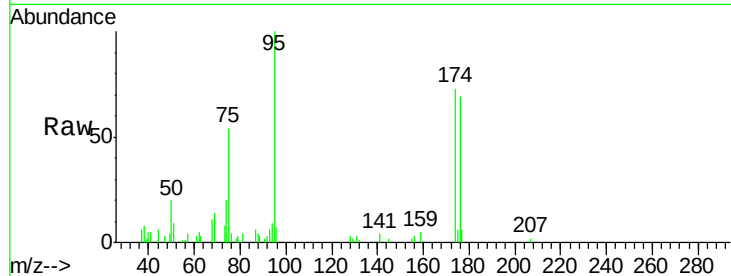




#62
4-Bromofluorobenzene
Concen: 50.590 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY002109.D
Acq: 27 Mar 2020 16:38

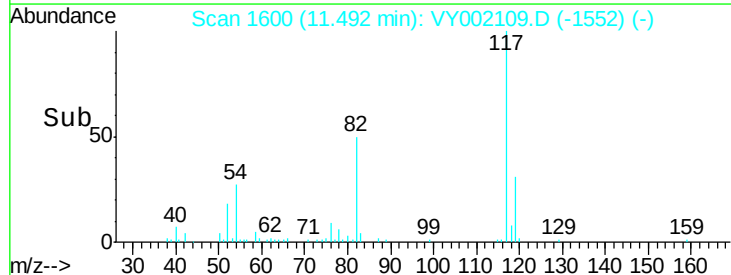
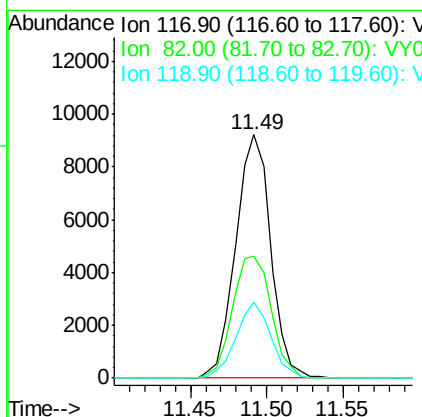
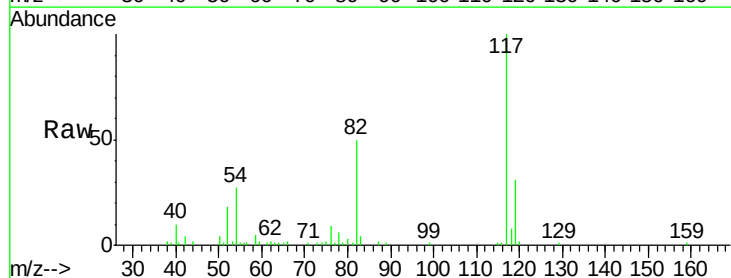
Instrument :
MSVOA_Y
ClientSampled :
SB-3-(10-12)

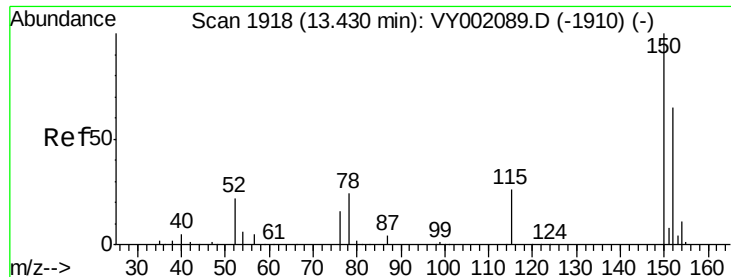
Tgt Ion: 95 Resp: 6407
Ion Ratio Lower Upper
95 100
174 78.5 0.0 143.4
176 71.4 0.0 137.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002109.D
Acq: 27 Mar 2020 16:38

Tgt Ion: 117 Resp: 14629
Ion Ratio Lower Upper
117 100
82 50.3 45.4 68.2
119 31.0 25.3 37.9

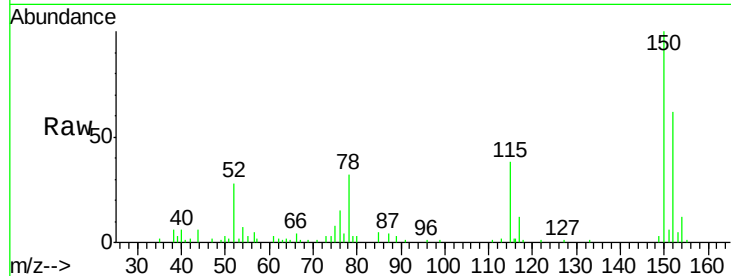




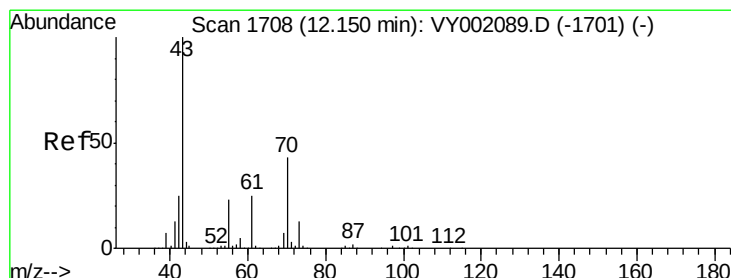
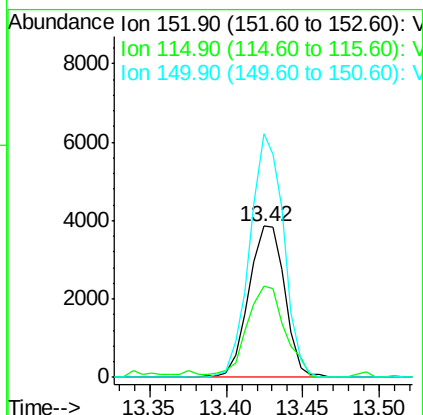
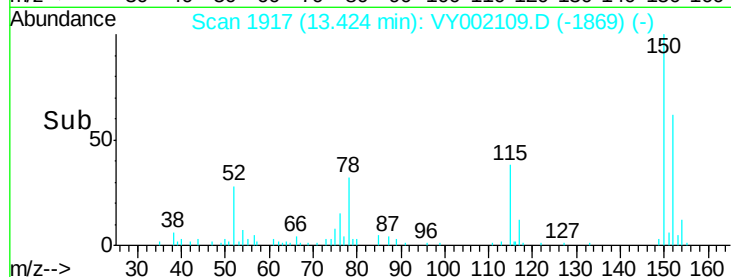
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. -0.01 min
 Lab File: VY002109.D
 Acq: 27 Mar 2020 16:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3-(10-12)

Tgt Ion: 152 Resp: 6338
 Ion Ratio Lower Upper
 152 100
 115 63.8 31.2 93.6
 150 150.7 0.0 354.8

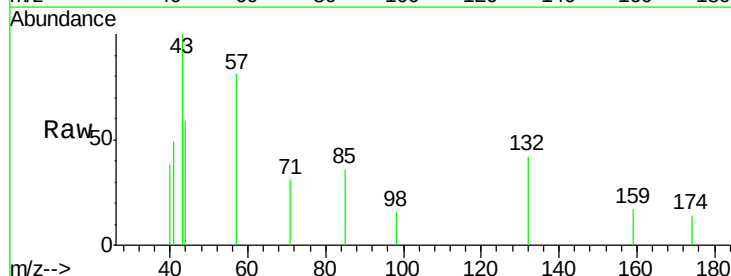


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

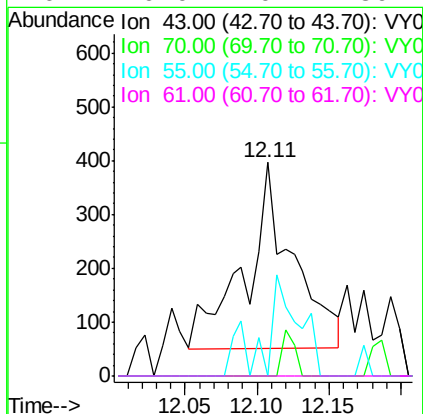
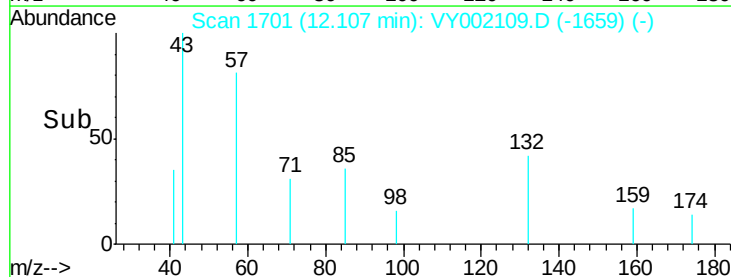


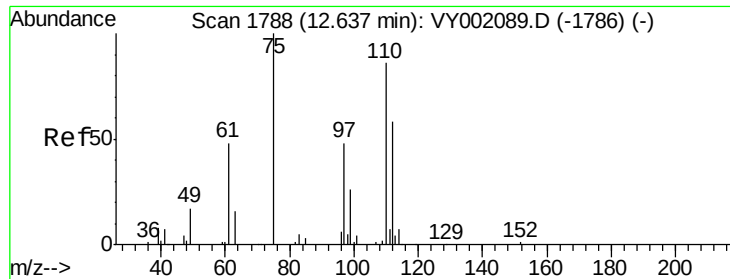
#74
 N-ethyl acetate
 Concen: 5.361 ug/l
 RT: 12.11 min Scan# 1701
 Delta R.T. -0.04 min
 Lab File: VY002109.D
 Acq: 27 Mar 2020 16:38

Tgt Ion: 43 Resp: 795
 Ion Ratio Lower Upper
 43 100
 70 6.5 35.0 52.4#
 55 31.7 18.7 28.1#
 61 0.0 20.2 30.2#



Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 70.00 (69.70 to 70.70): VY0
 Ion 55.00 (54.70 to 55.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0

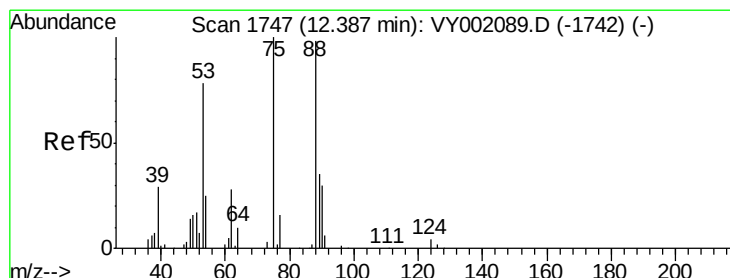
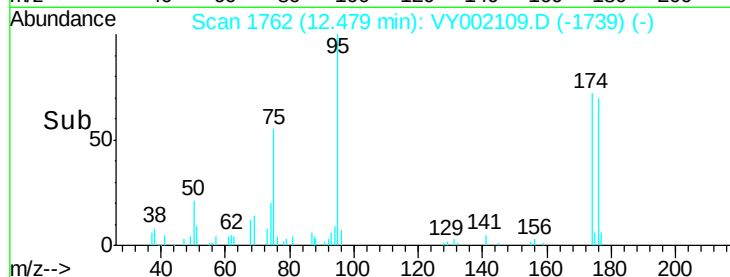
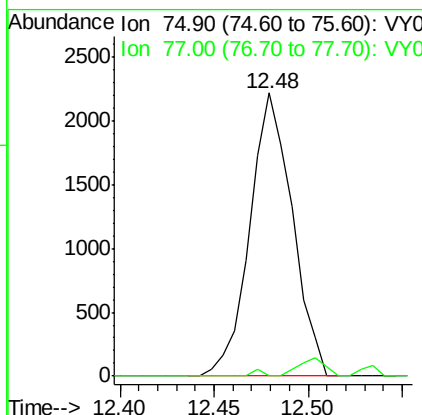
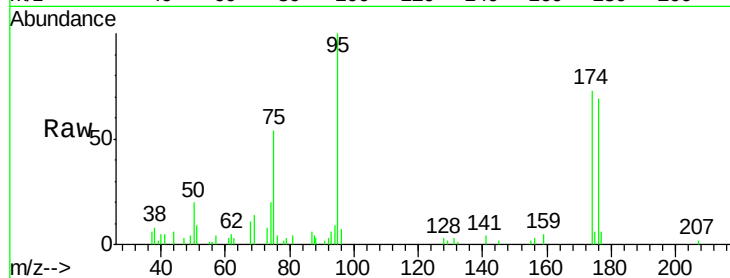




#76
 1,2,3-Trichloropropane
 Concen: 48.916 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.16 min
 Lab File: VY002109.D
 Acq: 27 Mar 2020 16:38

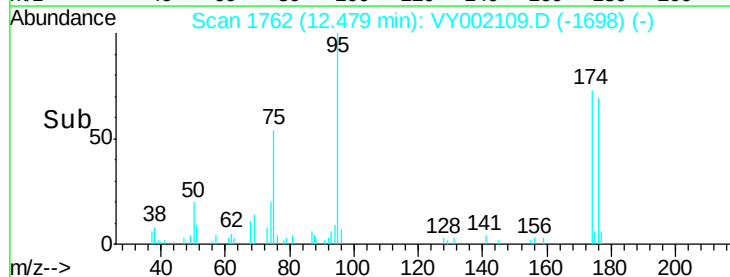
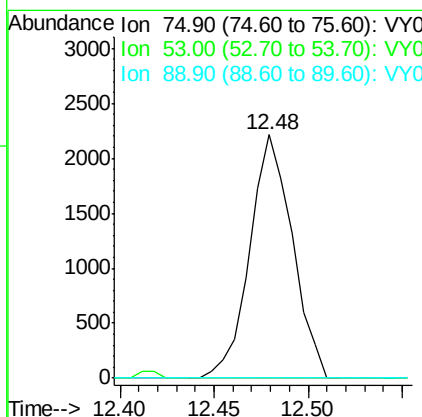
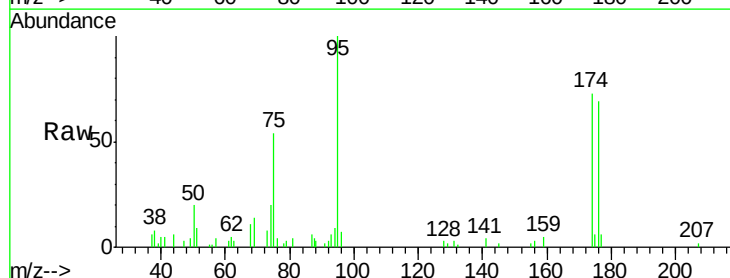
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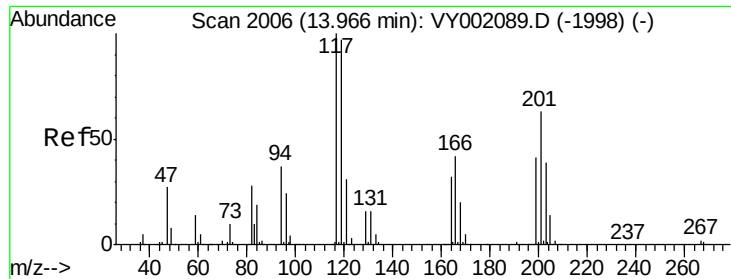
Tgt Ion: 75 Resp: 3468
 Ion Ratio Lower Upper
 75 100
 77 0.6 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.768 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.09 min
 Lab File: VY002109.D
 Acq: 27 Mar 2020 16:38

Tgt Ion: 75 Resp: 3468
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.0 97.4#
 89 0.0 33.4 50.0#





#90

Hexachloroethane

Concen: 1.070 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.01 min

Lab File: VY002109.D

Acq: 27 Mar 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

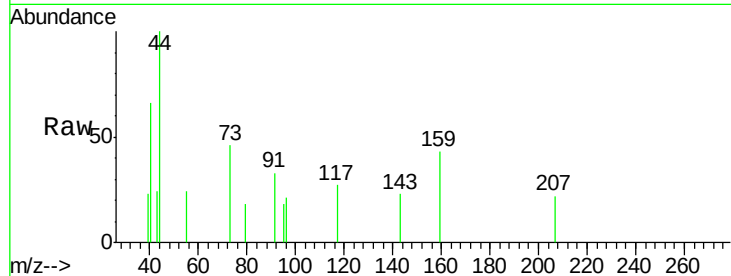
SB-3-(10-12)

Tgt Ion:117 Resp: 83

Ion Ratio Lower Upper

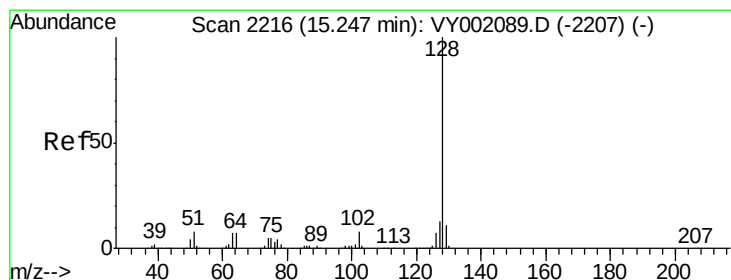
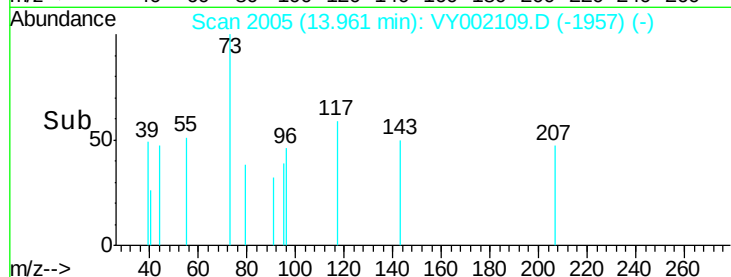
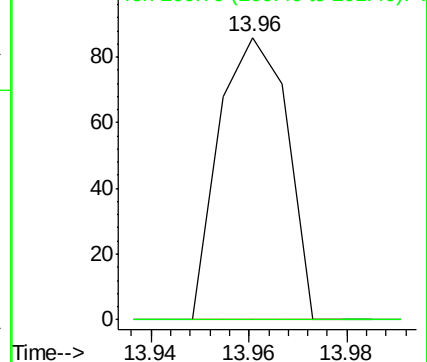
117 100

201 0.0 31.6 94.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 2.868 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.01 min

Lab File: VY002109.D

Acq: 27 Mar 2020 16:38

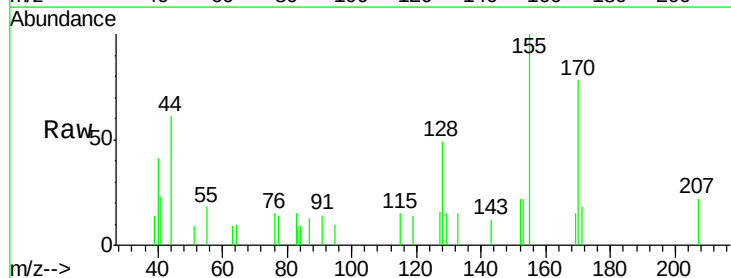
Tgt Ion:128 Resp: 796

Ion Ratio Lower Upper

128 100

127 13.1 9.8 14.8

129 6.9 8.6 13.0#



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

