

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX022718\
 Data File : VX000143.D
 Acq On : 27 Feb 2018 14:52
 Operator : JC/MD
 Sample : VX0227WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 VX0227WBL01

Quant Time: Feb 28 04:38:36 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 12:46:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	133125	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	209394	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	187911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	93415	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	71395	42.95	ug/l	0.00
Spiked Amount						
35) Dibromofluoromethane	5.51	113	62585	47.36	ug/l	-0.01
Spiked Amount						
50) Toluene-d8	8.73	98	248548	47.68	ug/l	0.00
Spiked Amount						
62) 4-Bromofluorobenzene	11.15	95	87835	42.97	ug/l	0.00
Spiked Amount						

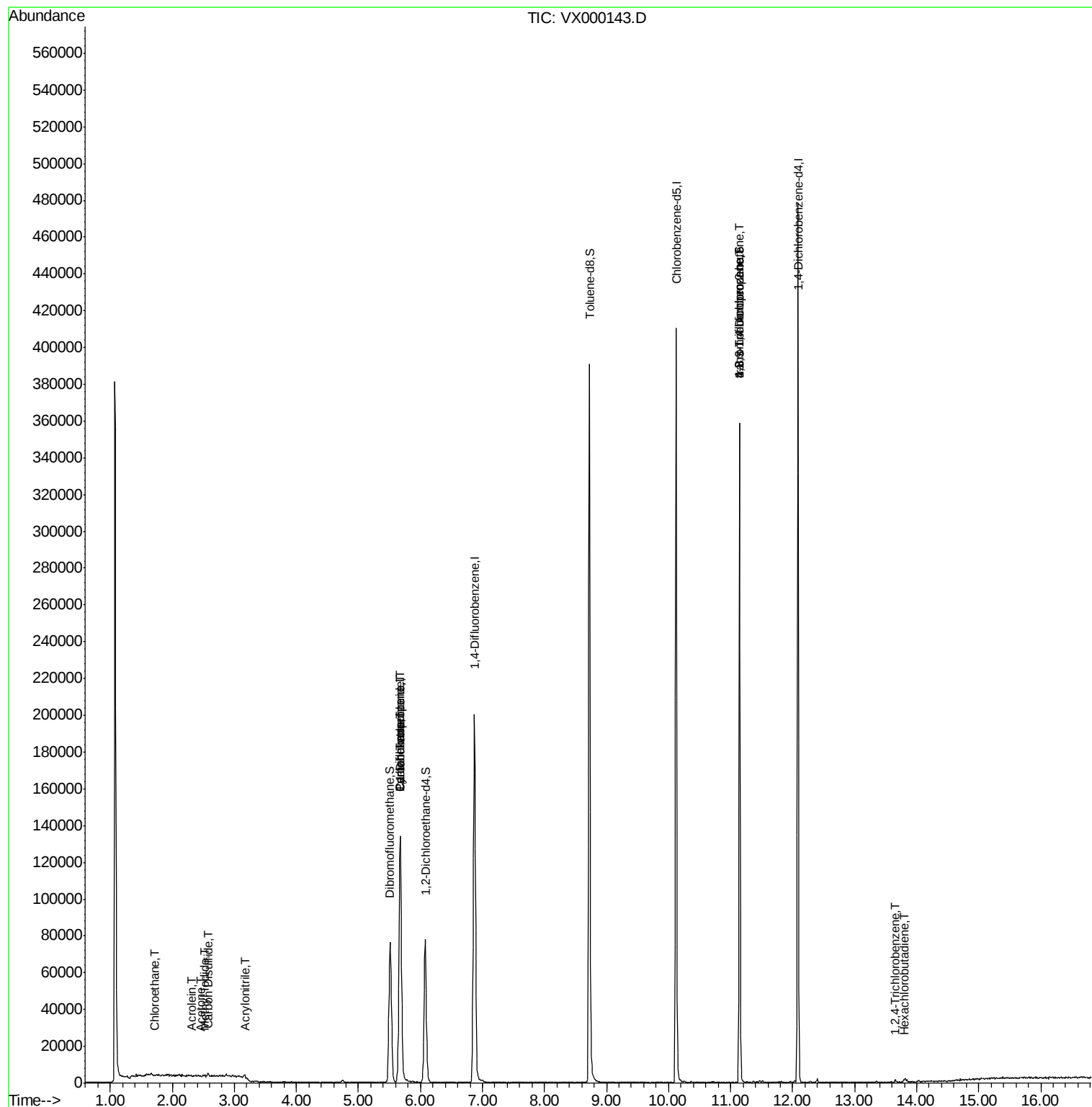
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.61	94	45	Below Cal	#	3
6) Chloroethane	1.70	64	537	0.53	ug/l #	42
10) Methyl Iodide	2.51	142	348	0.21	ug/l #	82
13) Acrolein	2.30	56	171	0.56	ug/l	96
15) Acrylonitrile	3.16	53	606	0.55	ug/l #	74
16) Acetone	2.45	43	464	0.43	ug/l #	43
17) Carbon Disulfide	2.57	76	1422	0.35	ug/l #	53
20) Methylene Chloride	2.86	84	316	Below Cal	#	81
31) Cyclohexane	5.67	56	3046	1.47	ug/l #	30
36) 1,1-Dichloropropene	5.68	75	10115	5.38	ug/l #	44
38) Carbon Tetrachloride	5.68	117	13298	6.55	ug/l #	18
41) Methacrylonitrile	5.06	41	159	Below Cal	#	33
76) 1,2,3-Trichloropropane	11.15	75	47084	24.33	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.15	75	47084	69.30	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.66	180	584	0.26	ug/l	67
94) Hexachlorobutadiene	13.80	225	264	0.27	ug/l #	62

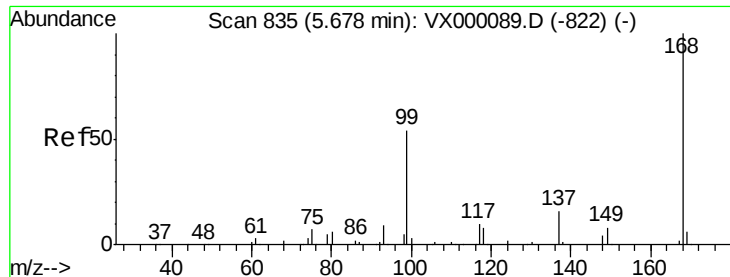
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000143.D

Acq: 27 Feb 2018 14:52

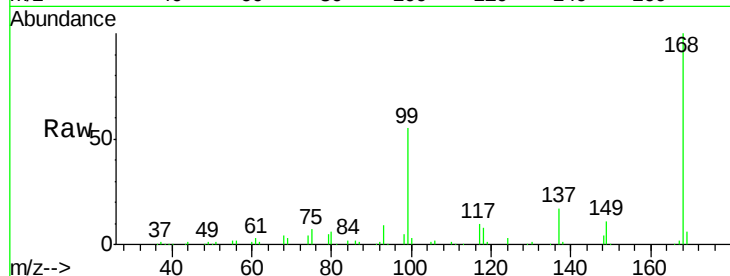
Instrument :
ClientSampled :
VX0227WBL01

Tgt Ion: 168 Resp: 133125

Ion Ratio Lower Upper

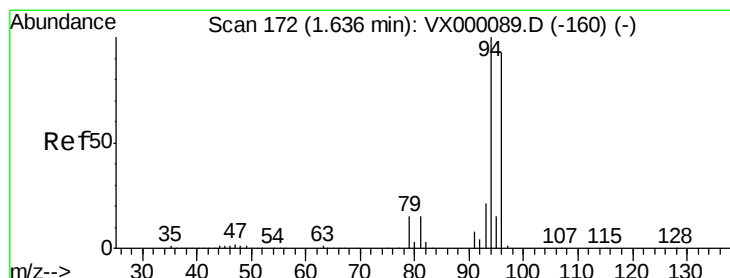
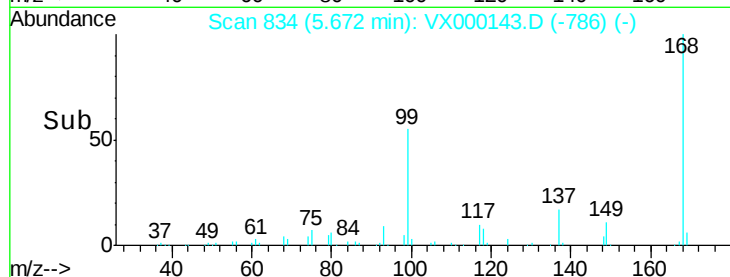
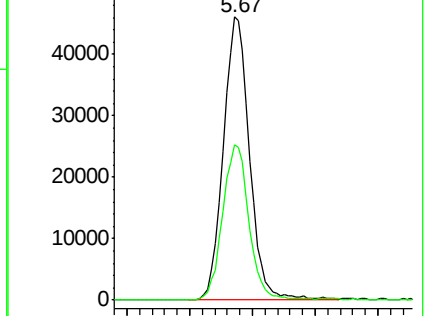
168 100

99 55.1 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.61 min Scan# 168

Delta R.T. -0.02 min

Lab File: VX000143.D

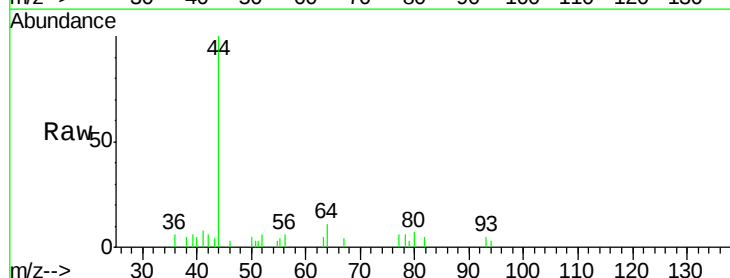
Acq: 27 Feb 2018 14:52

Tgt Ion: 94 Resp: 45

Ion Ratio Lower Upper

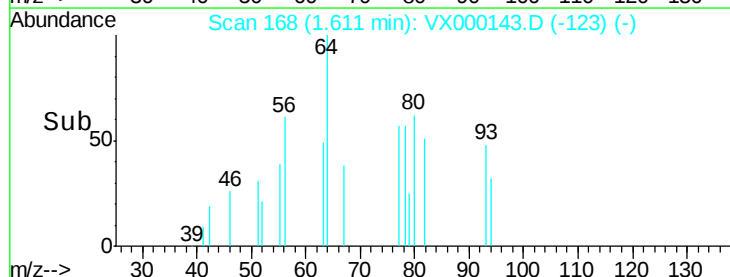
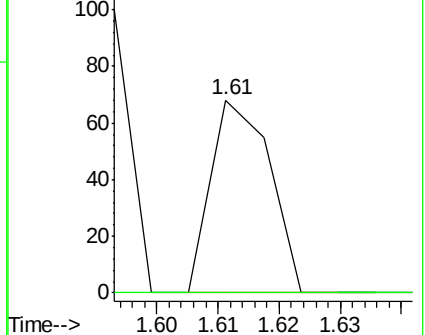
94 100

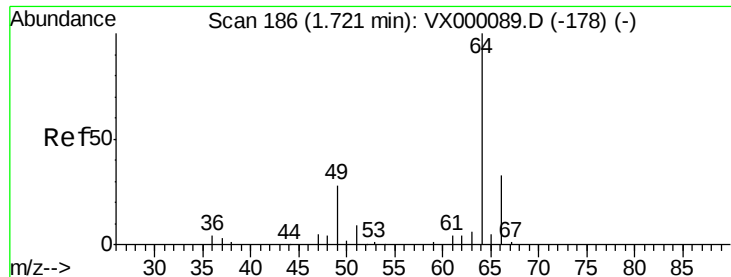
96 0.0 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

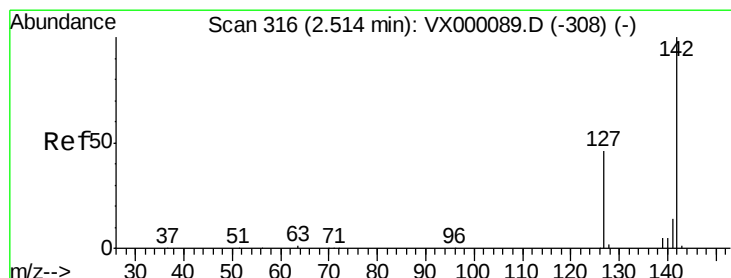
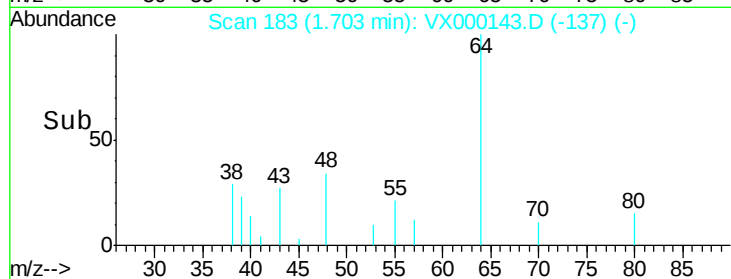
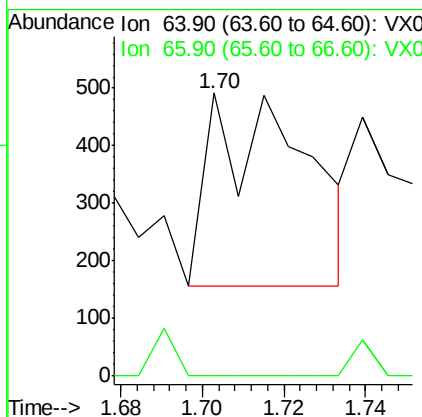
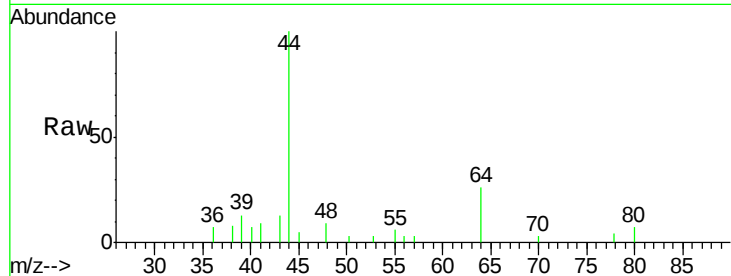




#6
Chloroethane
Concen: 0.53 ug/l
RT: 1.70 min Scan# 183
Delta R.T. -0.02 min
Lab File: VX000143.D
Acq: 27 Feb 2018 14:52

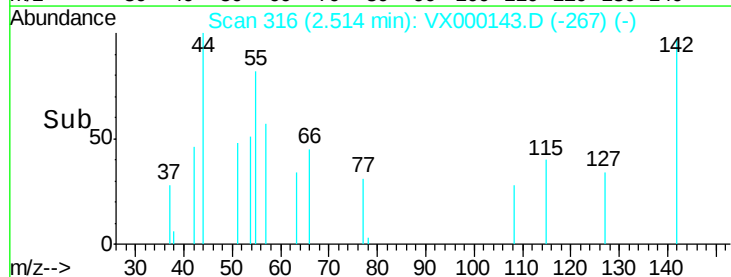
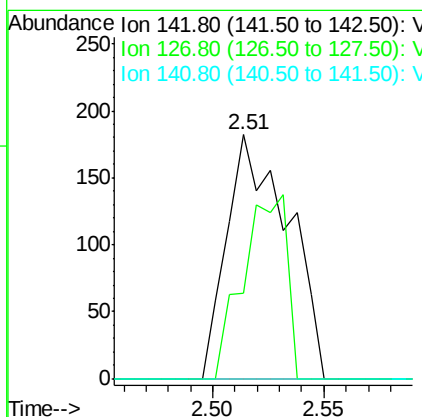
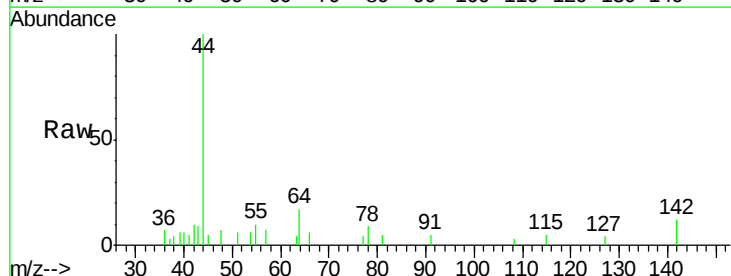
Instrument :
ClientSampleId :
VX0227WBL01

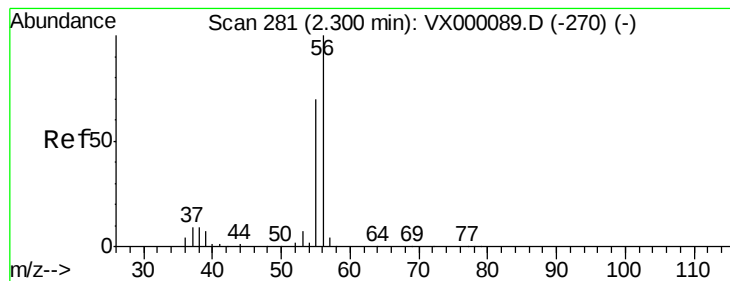
Tgt Ion: 64 Resp: 537
Ion Ratio Lower Upper
64 100
66 0.0 26.0 39.0#



#10
Methyl Iodide
Concen: 0.21 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX000143.D
Acq: 27 Feb 2018 14:52

Tgt Ion: 142 Resp: 348
Ion Ratio Lower Upper
142 100
127 54.3 36.8 55.2
141 0.0 11.6 17.4#





#13

Acrolein

Concen: 0.56 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000143.D

Acq: 27 Feb 2018 14:52

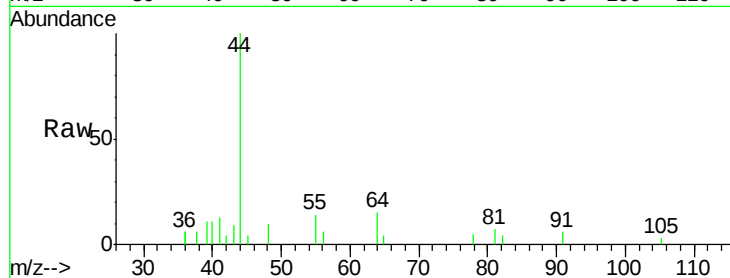
Instrument :
ClientSampleId :
VX0227WBL01

Tgt Ion: 56 Resp: 171

Ion Ratio Lower Upper

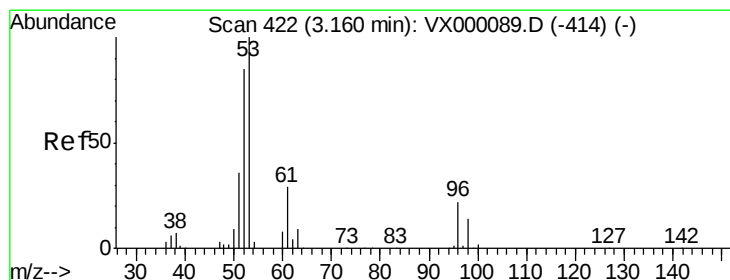
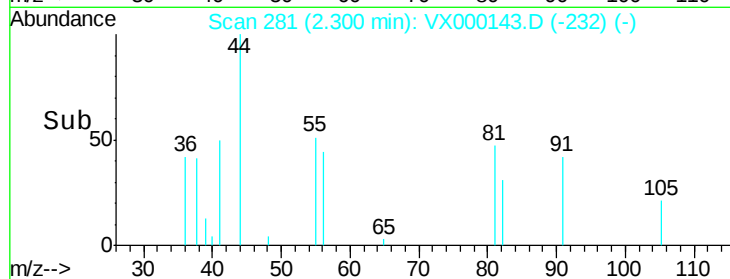
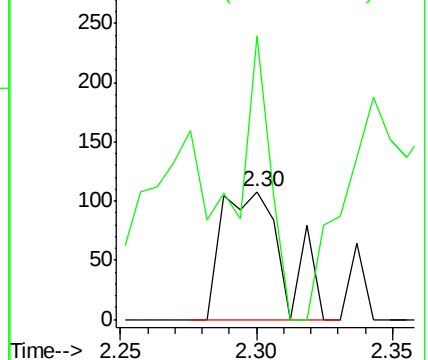
56 100

55 73.7 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#15

Acrylonitrile

Concen: 0.55 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX000143.D

Acq: 27 Feb 2018 14:52

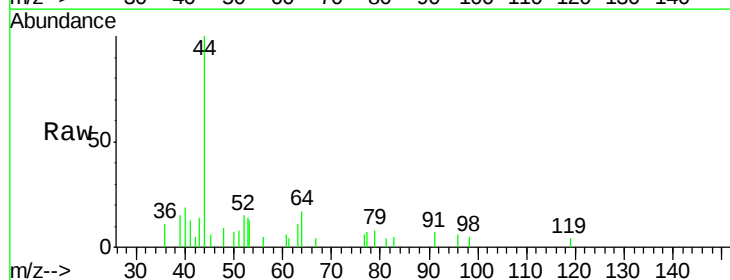
Tgt Ion: 53 Resp: 606

Ion Ratio Lower Upper

53 100

52 51.5 66.5 99.7#

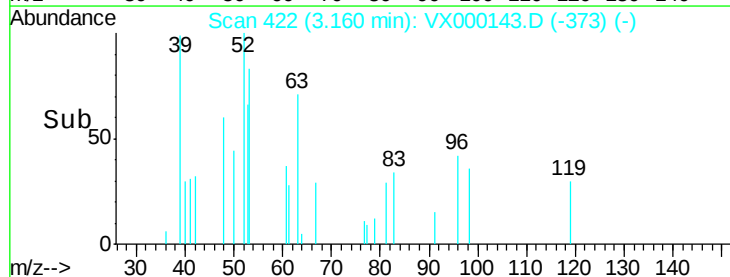
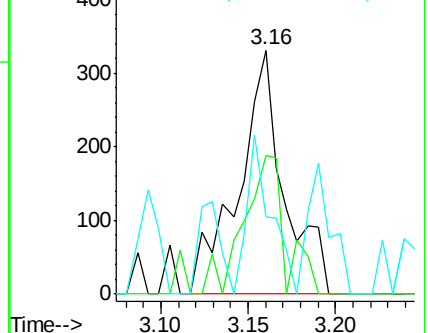
51 34.2 29.0 43.6

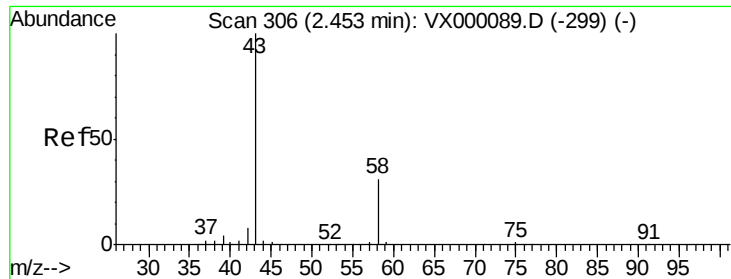


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 0.43 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000143.D

Acq: 27 Feb 2018 14:52

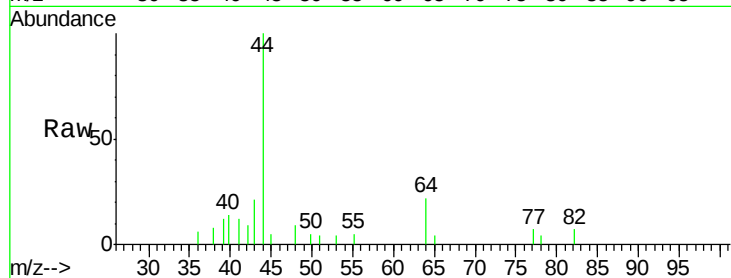
Instrument :
ClientSampleId :
VX0227WBL01

Tgt Ion: 43 Resp: 464

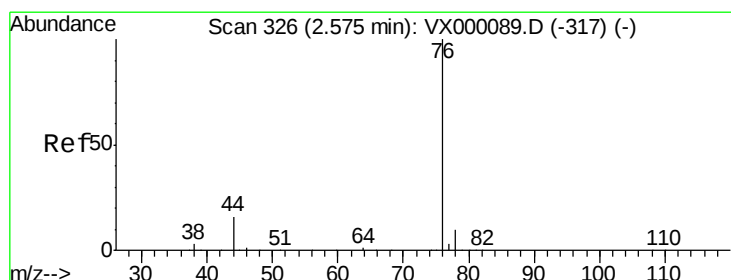
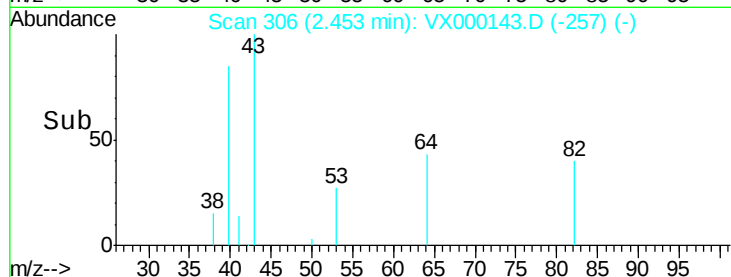
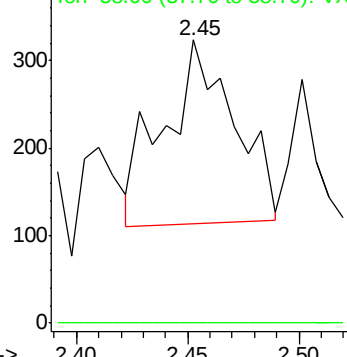
Ion Ratio Lower Upper

43 100

58 0.0 25.0 37.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.35 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000143.D

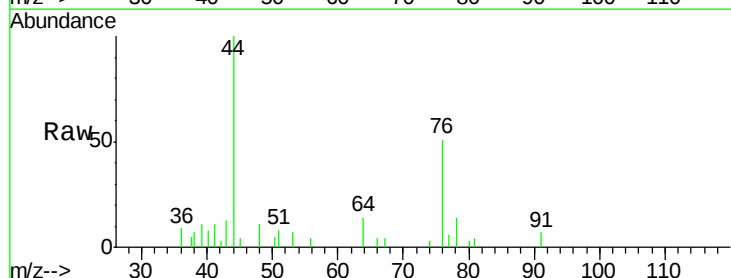
Acq: 27 Feb 2018 14:52

Tgt Ion: 76 Resp: 1422

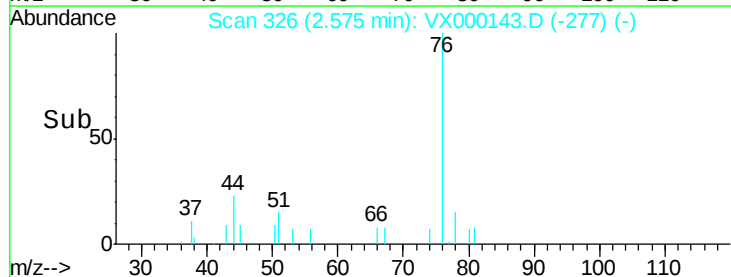
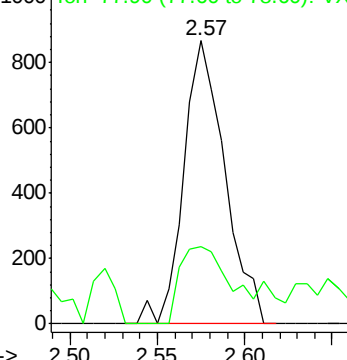
Ion Ratio Lower Upper

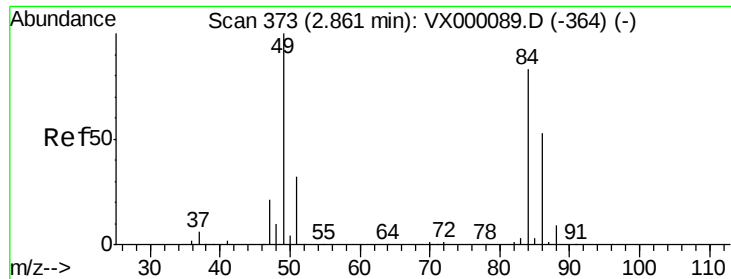
76 100

78 27.1 7.8 11.8#



Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0

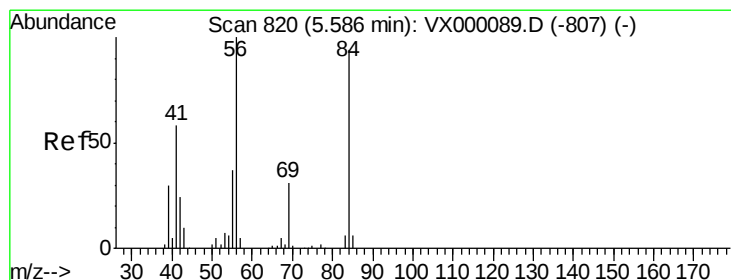
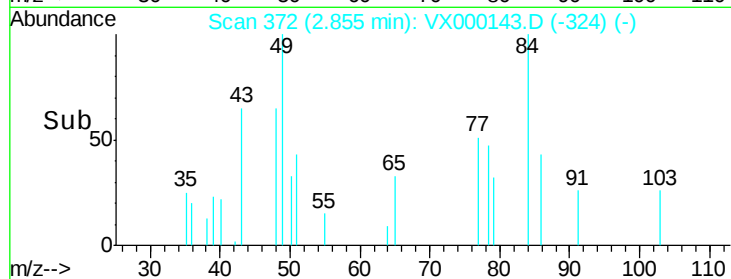
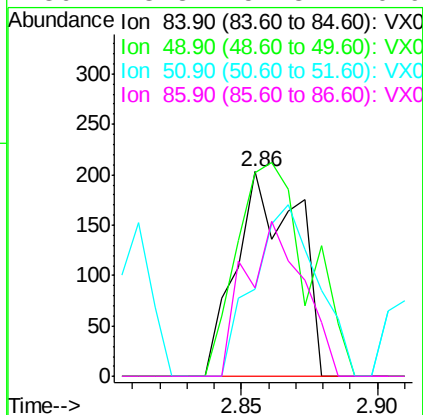
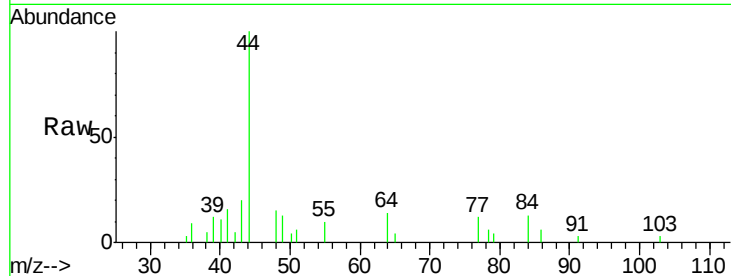




#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX000143.D
Acq: 27 Feb 2018 14:52

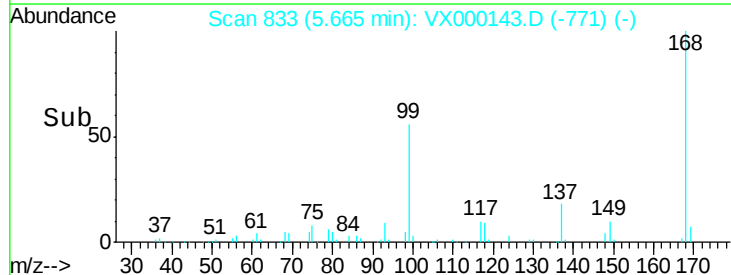
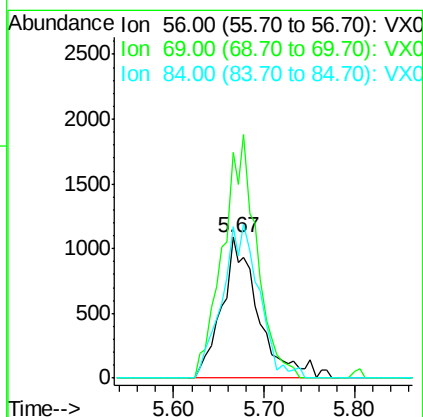
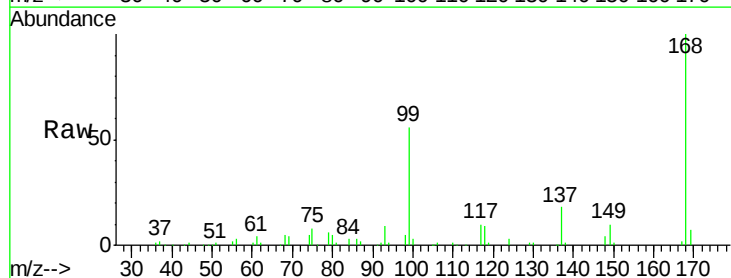
Instrument :
ClientSampleId :
VX0227WBL01

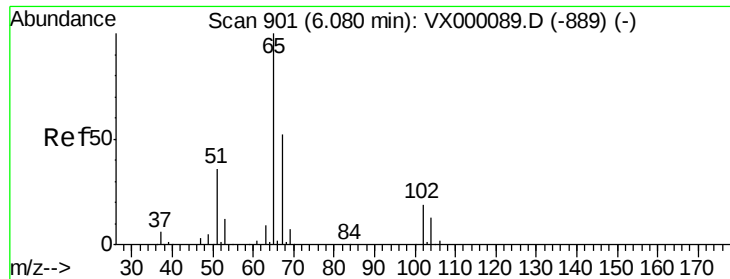
Tgt Ion: 84 Resp: 316
Ion Ratio Lower Upper
84 100
49 99.5 96.1 144.1
51 42.9 30.5 45.7
86 43.3 51.3 76.9#



#31
Cyclohexane
Concen: 1.47 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.08 min
Lab File: VX000143.D
Acq: 27 Feb 2018 14:52

Tgt Ion: 56 Resp: 3046
Ion Ratio Lower Upper
56 100
69 160.6 24.9 37.3#
84 108.1 75.0 112.4

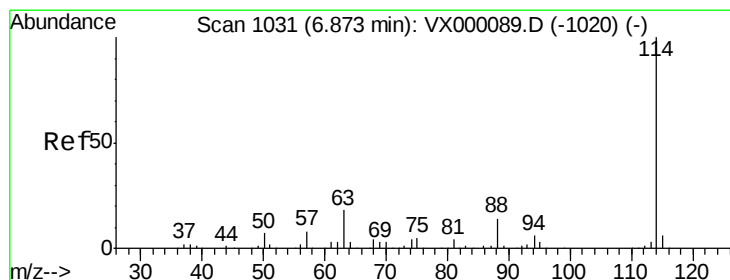
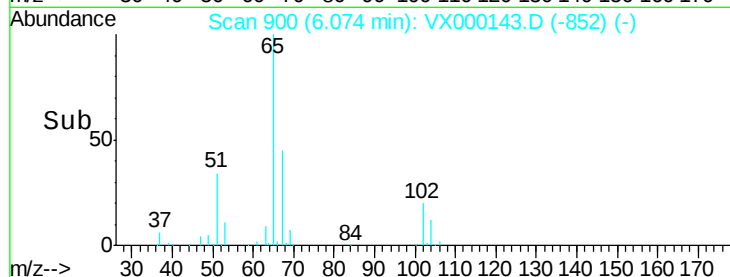
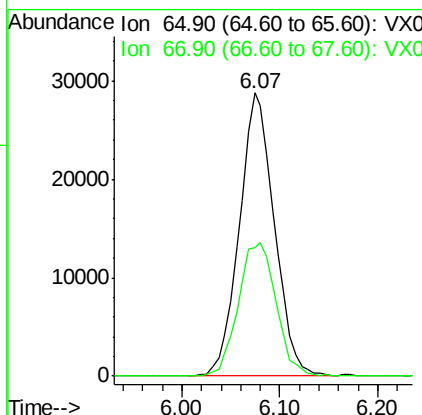
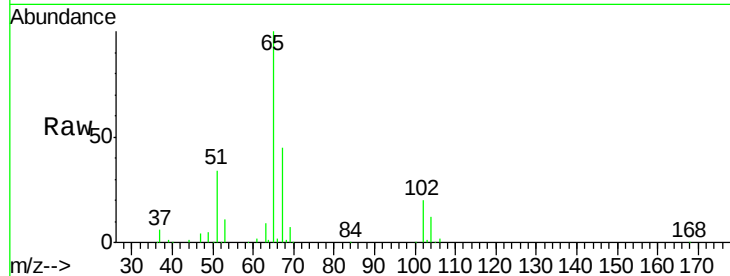




#33
 1,2-Dichloroethane-d4
 Concen: 42.95 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000143.D
 Acq: 27 Feb 2018 14:52

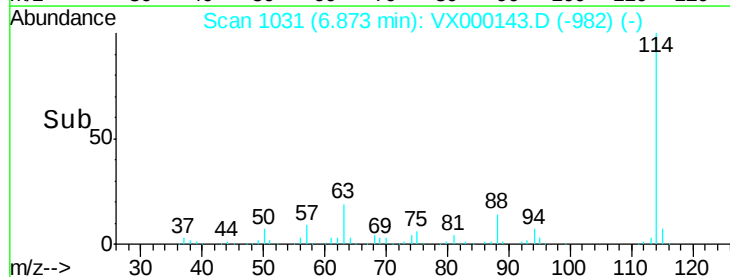
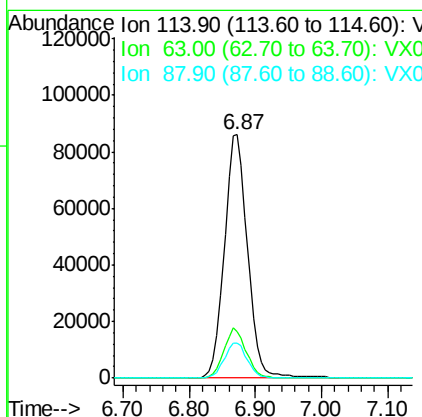
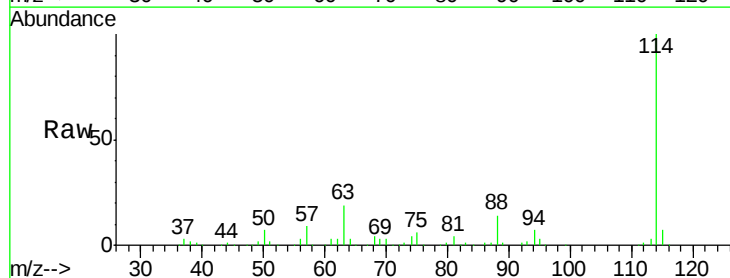
Instrument :
 ClientSampleId :
 VX0227WBL01

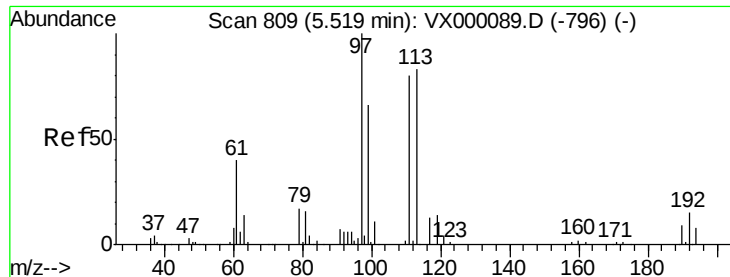
Tgt Ion: 65 Resp: 71395
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000143.D
 Acq: 27 Feb 2018 14:52

Tgt Ion: 114 Resp: 209394
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 36.4
 88 14.1 0.0 29.0

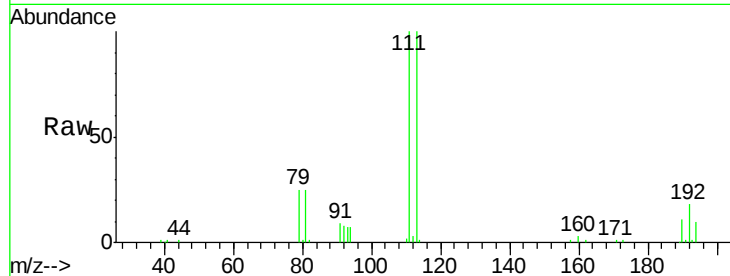




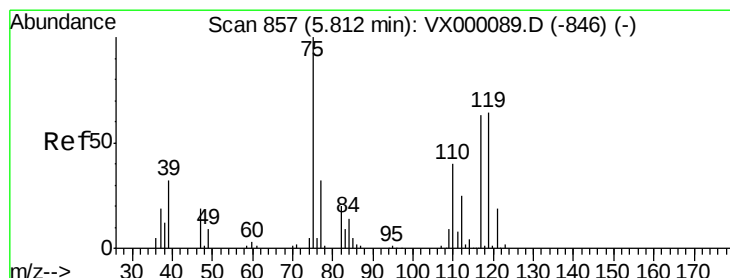
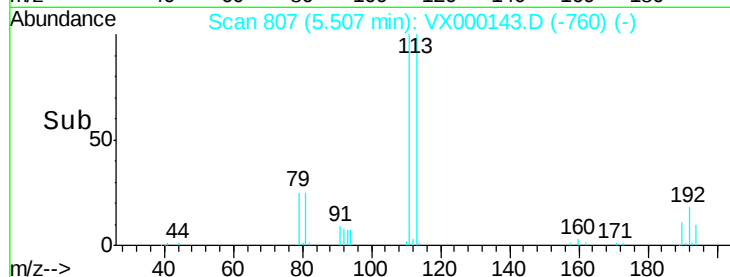
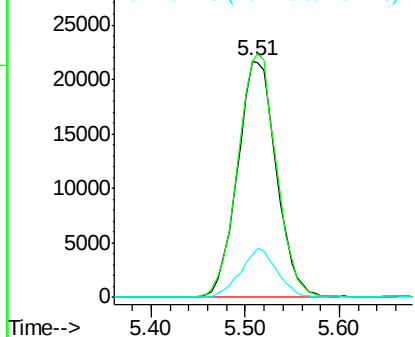
#35
 Dibromofluoromethane
 Concen: 47.36 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX000143.D
 Acq: 27 Feb 2018 14:52

Instrument :
 ClientSampleId :
 VX0227WBL01

Tgt Ion:113 Resp: 62585
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.0 121.6
 192 19.5 15.7 23.5

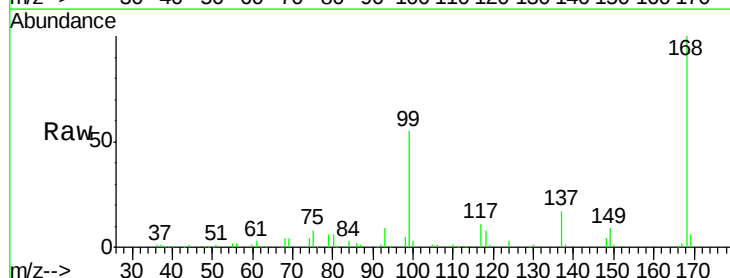


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

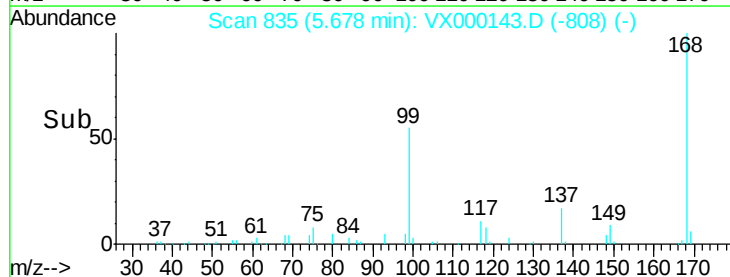
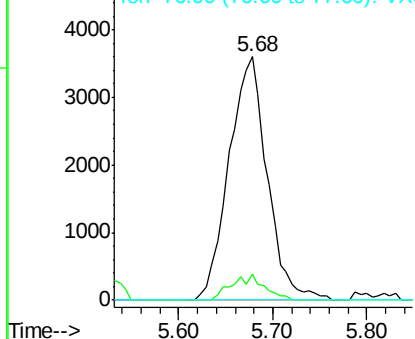


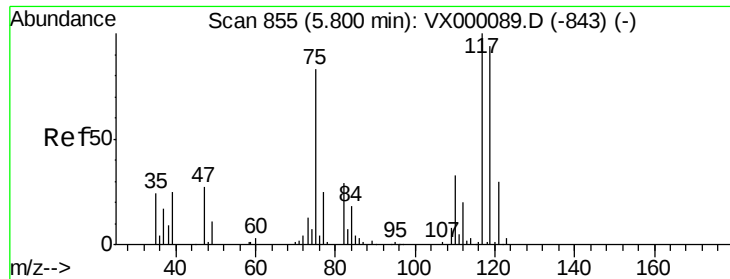
#36
 1,1-Dichloropropene
 Concen: 5.38 ug/l
 RT: 5.68 min Scan# 835
 Delta R.T. -0.13 min
 Lab File: VX000143.D
 Acq: 27 Feb 2018 14:52

Tgt Ion: 75 Resp: 10115
 Ion Ratio Lower Upper
 75 100
 110 4.6 19.5 58.5#
 77 0.0 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

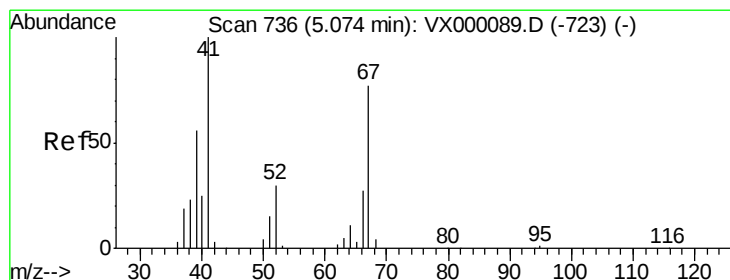
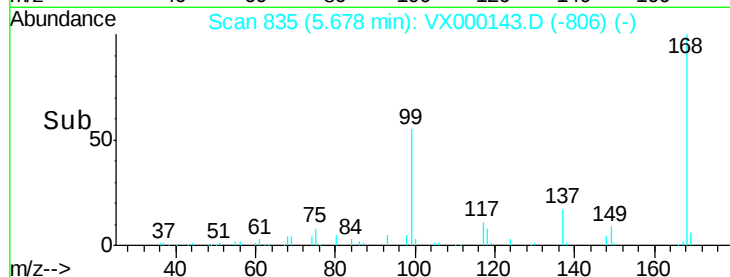
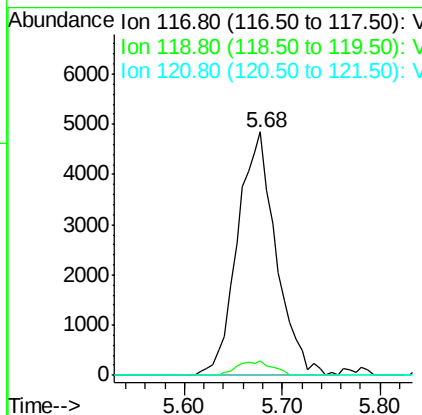
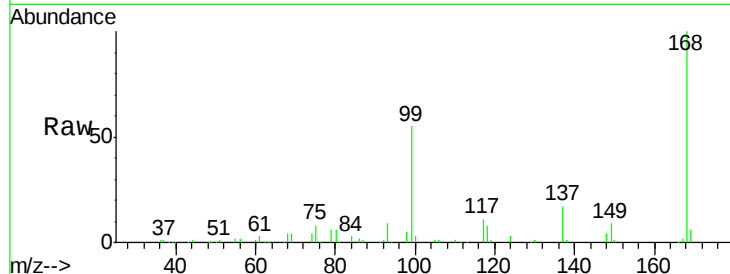




#38
Carbon Tetrachloride
Concen: 6.55 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.12 min
Lab File: VX000143.D
Acq: 27 Feb 2018 14:52

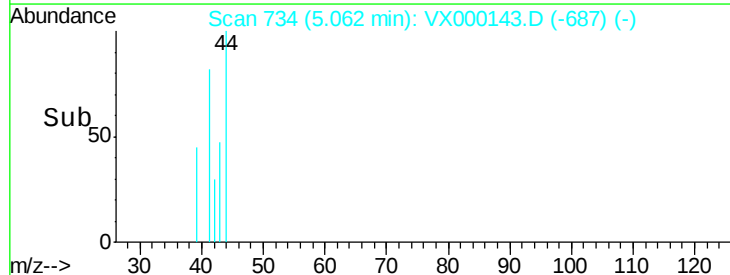
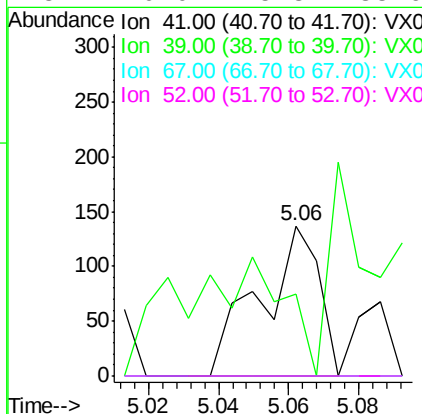
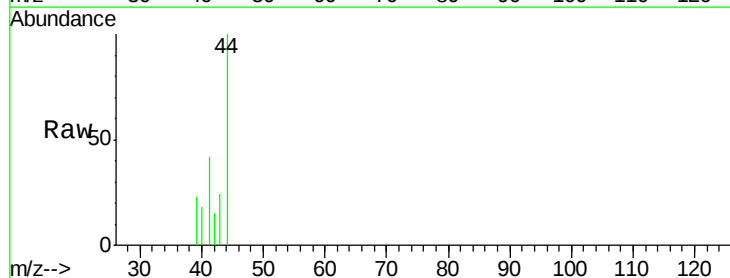
Instrument :
ClientSampleId :
VX0227WBL01

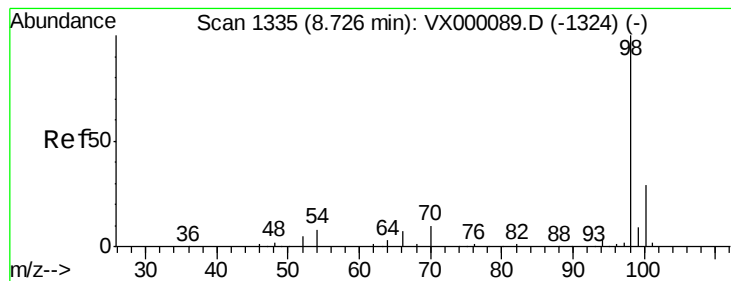
Tgt Ion:117 Resp: 13298
Ion Ratio Lower Upper
117 100
119 6.2 75.3 112.9#
121 0.0 23.7 35.5#



#41
Methacrylonitrile
Concen: Below Cal
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX000143.D
Acq: 27 Feb 2018 14:52

Tgt Ion: 41 Resp: 159
Ion Ratio Lower Upper
41 100
39 88.1 45.1 67.7#
67 0.0 61.0 91.4#
52 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 47.68 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000143.D

Acq: 27 Feb 2018 14:52

Instrument :

ClientSampled :

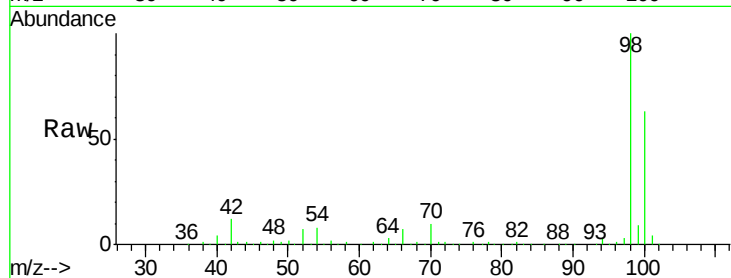
VX0227WBL01

Tgt Ion: 98 Resp: 248548

Ion Ratio Lower Upper

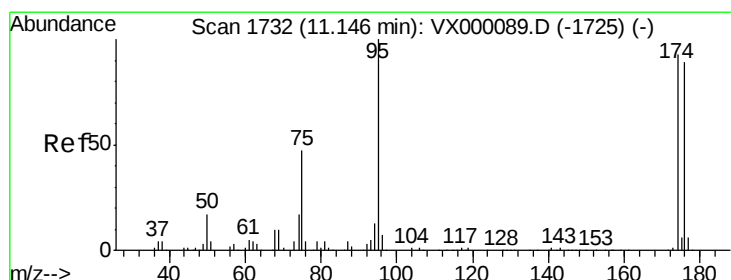
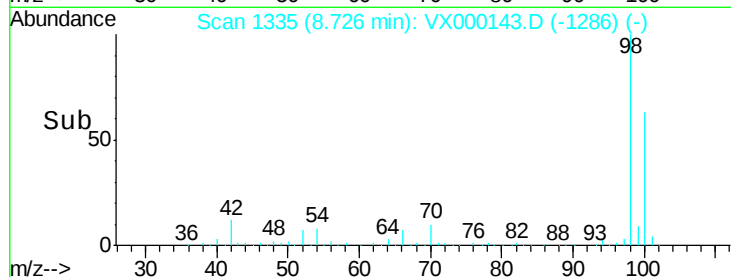
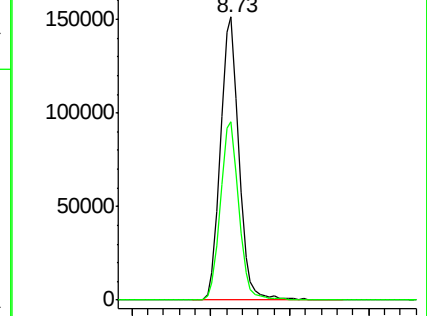
98 100

100 63.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 42.97 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000143.D

Acq: 27 Feb 2018 14:52

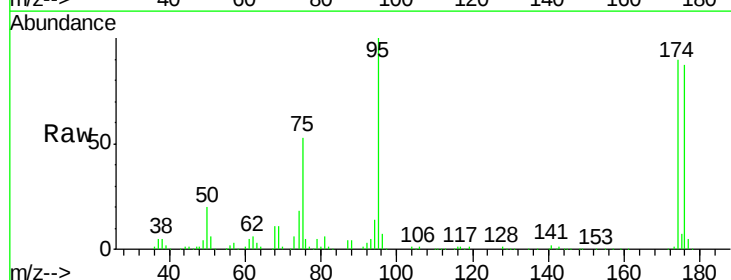
Tgt Ion: 95 Resp: 87835

Ion Ratio Lower Upper

95 100

174 85.3 0.0 187.8

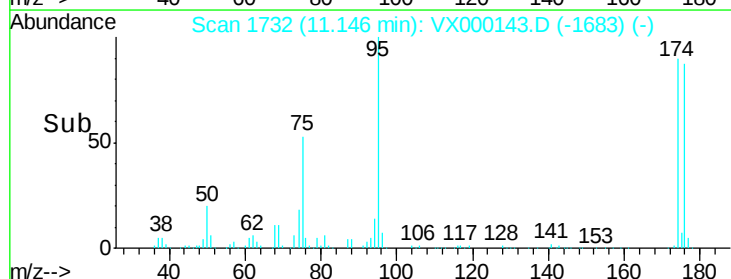
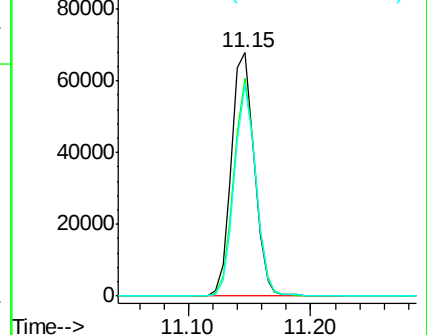
176 81.1 0.0 181.2

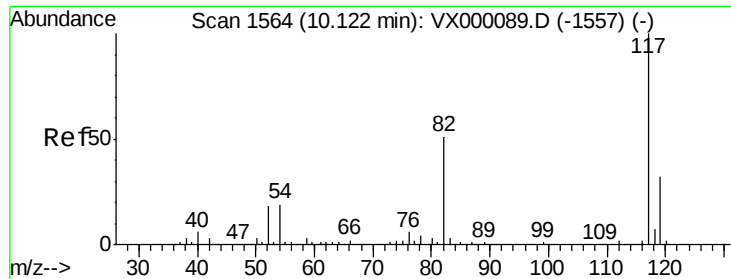


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

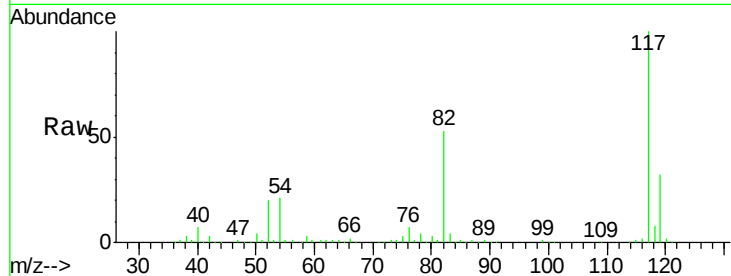




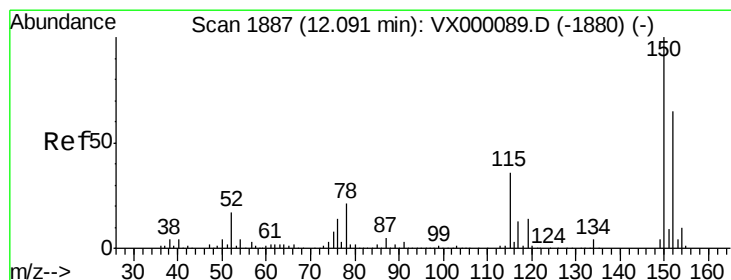
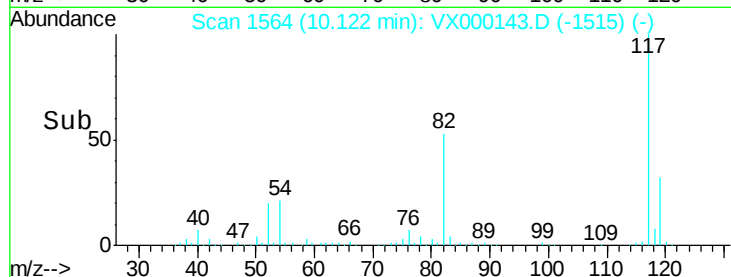
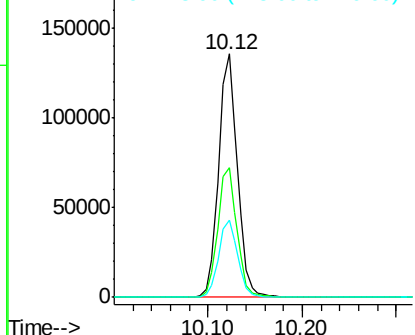
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000143.D
Acq: 27 Feb 2018 14:52

Instrument :
ClientSampleId :
VX0227WBL01

Tgt Ion:117 Resp: 187911
Ion Ratio Lower Upper
117 100
82 53.2 41.0 61.6
119 31.8 25.5 38.3

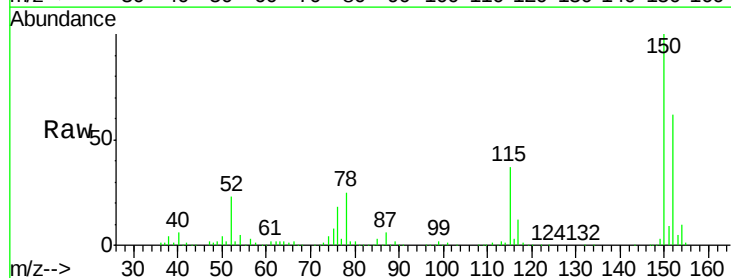


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

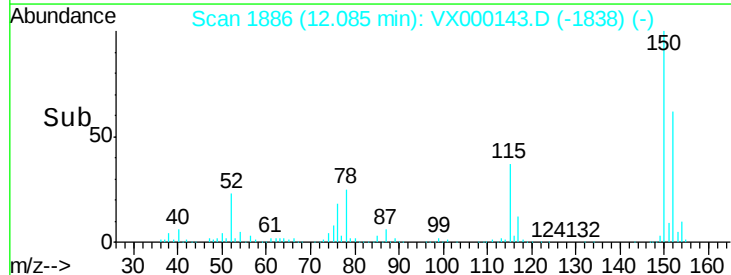
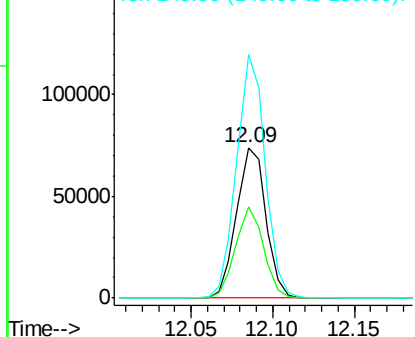


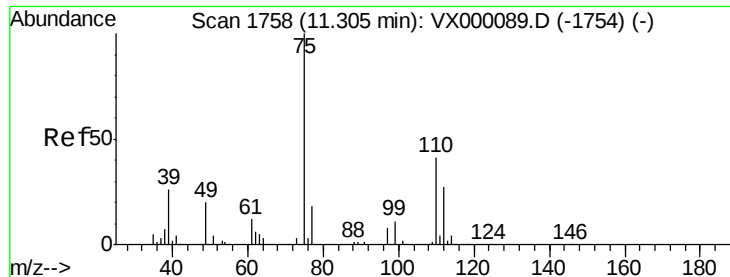
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000143.D
Acq: 27 Feb 2018 14:52

Tgt Ion:152 Resp: 93415
Ion Ratio Lower Upper
152 100
115 57.6 39.1 117.2
150 156.6 0.0 348.2



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

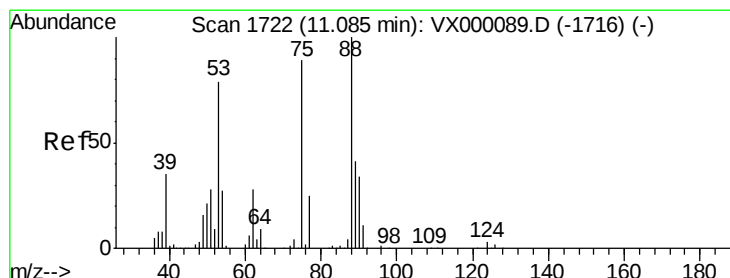
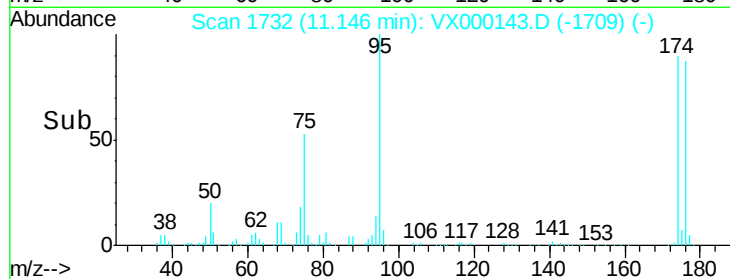
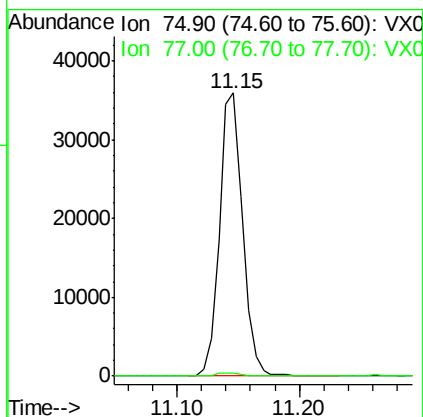
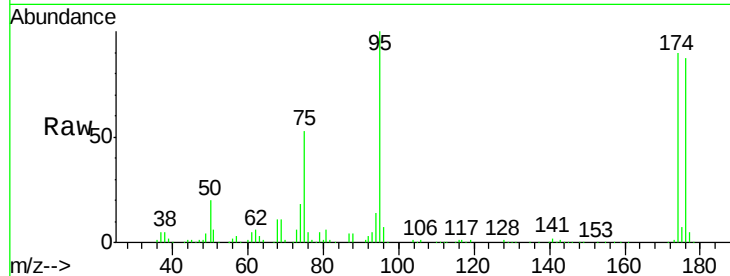




#76
 1,2,3-Trichloropropane
 Concen: 24.33 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. -0.16 min
 Lab File: VX000143.D
 Acq: 27 Feb 2018 14:52

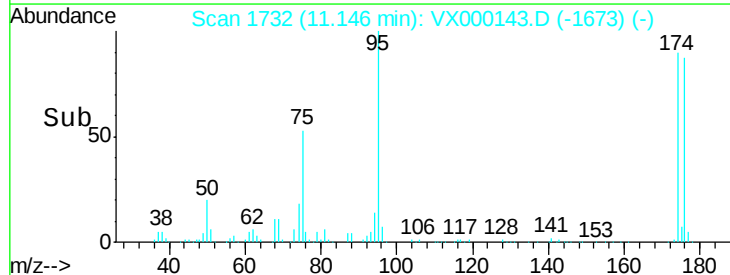
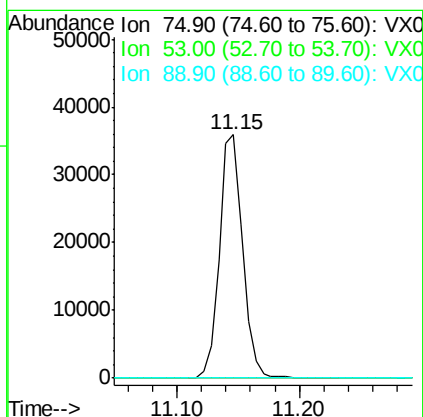
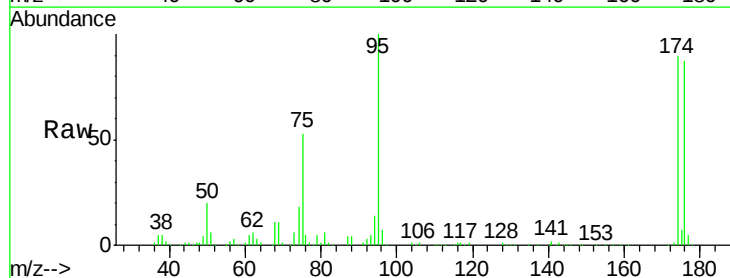
Instrument :
 ClientSampled :
 VX0227WBL01

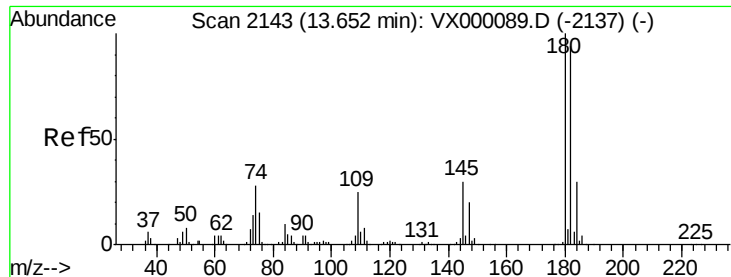
Tgt Ion: 75 Resp: 47084
 Ion Ratio Lower Upper
 75 100
 77 1.2 22.8 68.3#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.30 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.06 min
 Lab File: VX000143.D
 Acq: 27 Feb 2018 14:52

Tgt Ion: 75 Resp: 47084
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.3 108.5#
 89 0.0 40.6 60.8#

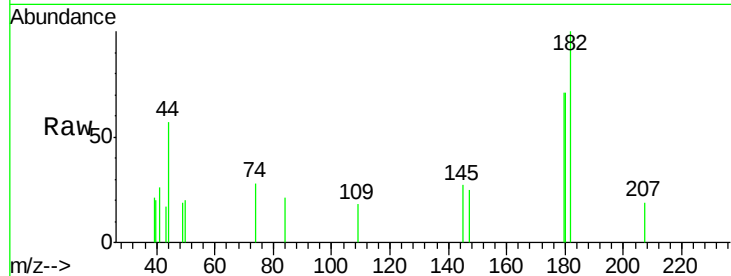




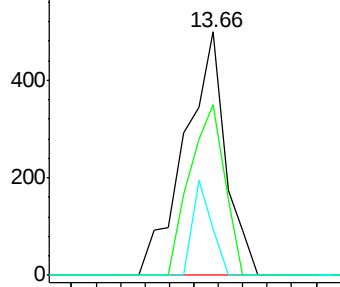
#93
 1,2,4-Trichlorobenzene
 Concen: 0.26 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. 0.01 min
 Lab File: VX000143.D
 Acq: 27 Feb 2018 14:52

Instrument :
 ClientSampleId :
 VX0227WBL01

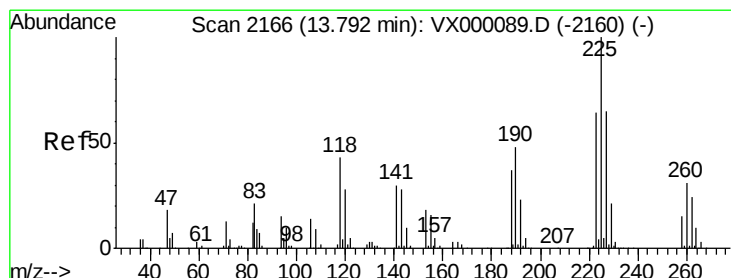
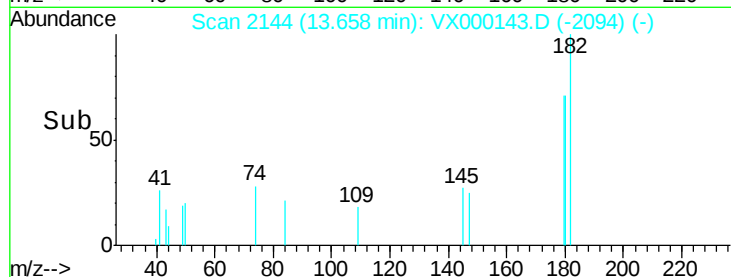
Tgt Ion:180 Resp: 584
 Ion Ratio Lower Upper
 180 100
 182 59.6 47.8 143.4
 145 18.2 14.7 44.1



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

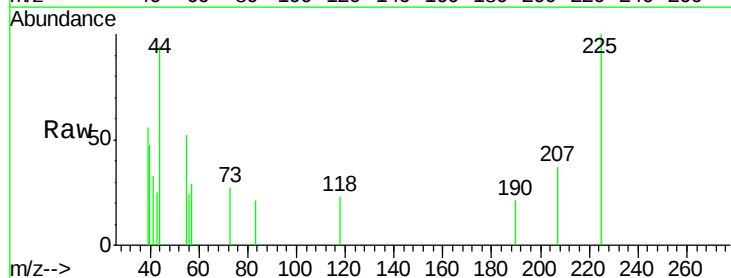


Time-->

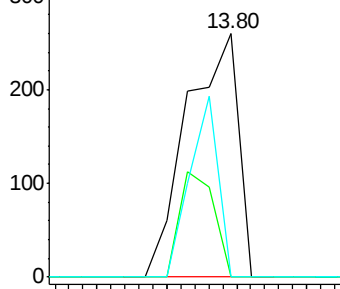


#94
 Hexachlorobutadiene
 Concen: 0.27 ug/l
 RT: 13.80 min Scan# 2167
 Delta R.T. 0.01 min
 Lab File: VX000143.D
 Acq: 27 Feb 2018 14:52

Tgt Ion:225 Resp: 264
 Ion Ratio Lower Upper
 225 100
 223 28.8 31.9 95.7#
 227 40.5 32.8 98.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->

