

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031318\
 Data File : VX000290.D
 Acq On : 13 Mar 2018 10:42
 Operator : JC/MD
 Sample : VX0313MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313MBL01

Quant Time: Mar 13 14:19:25 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	161902	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	266857	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	248785	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	138383	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	101997	45.45	ug/l	0.00
Spiked Amount			Recovery	=	90.90%	
35) Dibromofluoromethane	5.51	113	76933	45.89	ug/l	0.00
Spiked Amount			Recovery	=	91.78%	
50) Toluene-d8	8.73	98	306553	44.15	ug/l	0.00
Spiked Amount			Recovery	=	88.30%	
62) 4-Bromofluorobenzene	11.15	95	111612	41.19	ug/l	0.00
Spiked Amount			Recovery	=	82.38%	

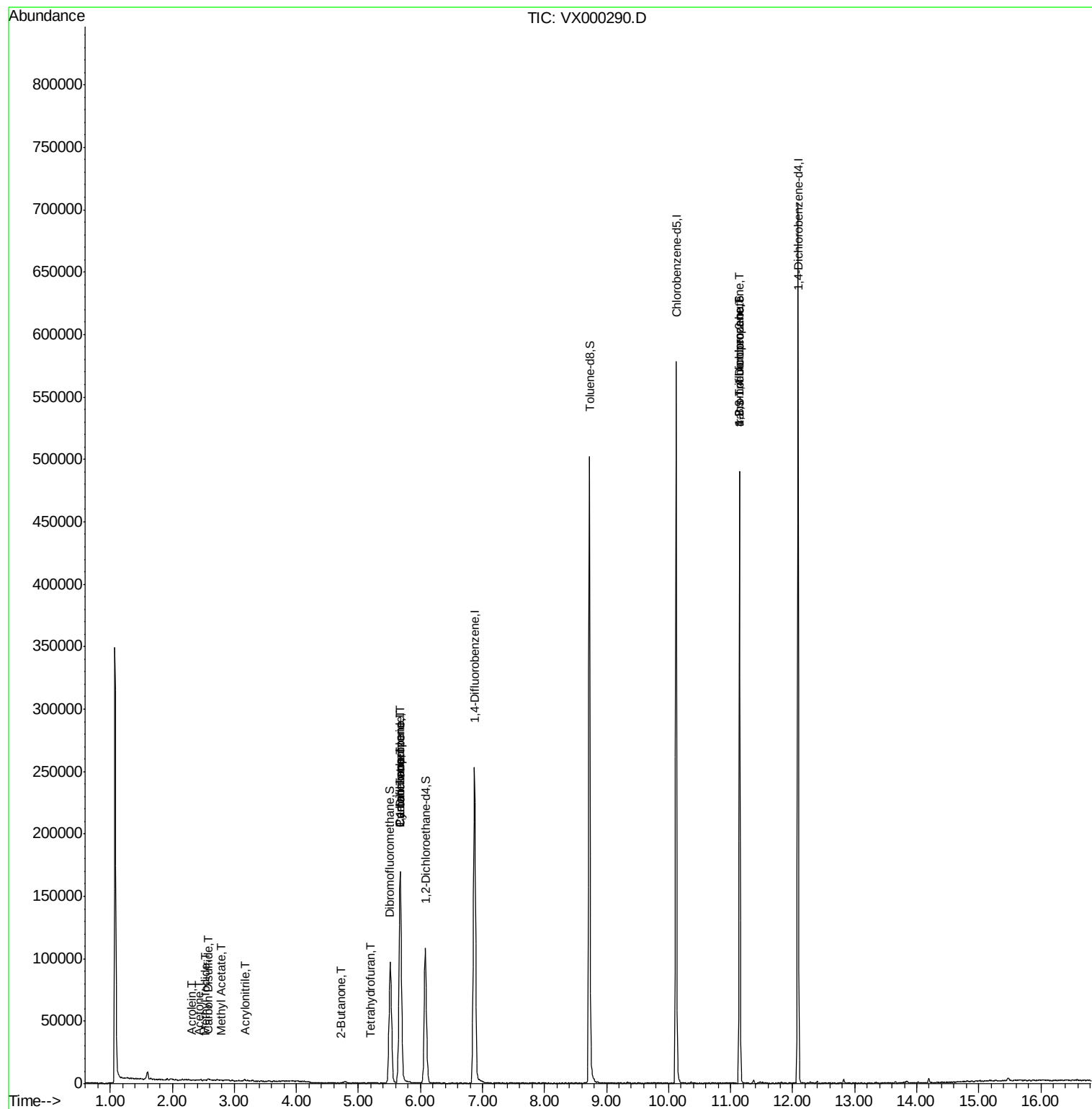
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	488	Below Cal	#	73
6) Chloroethane	1.72	64	189	Below Cal	#	42
10) Methyl Iodide	2.53	142	364	3.32	ug/l #	87
13) Acrolein	2.31	56	166	0.38	ug/l #	39
15) Acrylonitrile	3.17	53	593	0.41	ug/l #	17
16) Acetone	2.43	43	649	0.40	ug/l	90
17) Carbon Disulfide	2.57	76	1356	0.29	ug/l #	84
18) Methyl Acetate	2.78	43	733	0.21	ug/l #	52
25) 2-Butanone	4.72	43	413	0.21	ug/l #	50
29) Tetrahydrofuran	5.18	42	859	0.69	ug/l #	50
31) Cyclohexane	5.67	56	3889	1.58	ug/l #	13
36) 1,1-Dichloropropene	5.67	75	13294	5.60	ug/l #	47
38) Carbon Tetrachloride	5.68	117	16466	6.85	ug/l #	15
76) 1,2,3-Trichloropropane	11.15	75	63598	22.93	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.15	75	63598	70.21	ug/l #	10

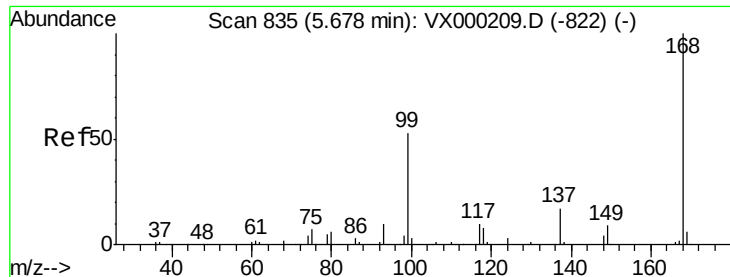
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Mar 08 02:15:47 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000290.D

Acq: 13 Mar 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

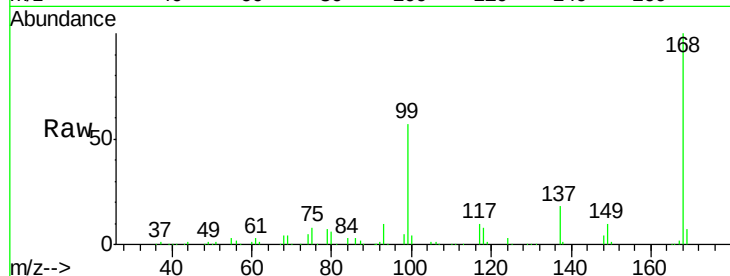
VX0313MBL01

Tot Ion:168 Resp: 161902

Ion Ratio Lower Upper

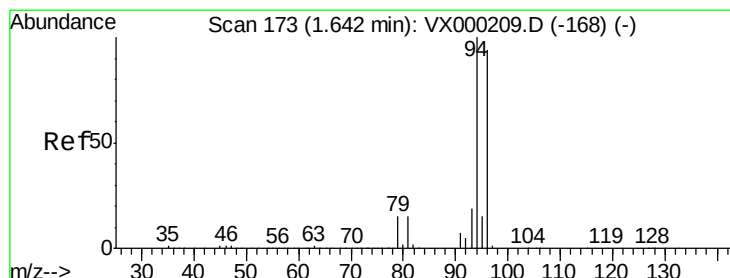
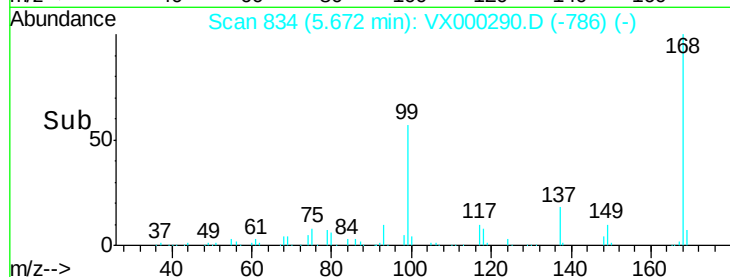
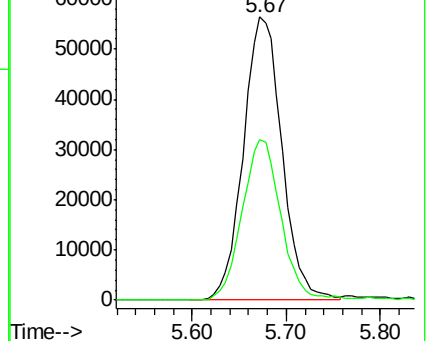
168 100

99 56.9 42.8 64.2



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: 1.65 min Scan# 175

Delta R.T. 0.01 min

Lab File: VX000290.D

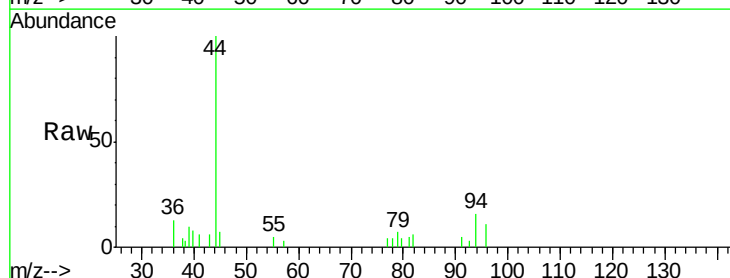
Acq: 13 Mar 2018 10:42

Tgt Ion: 94 Resp: 488

Ion Ratio Lower Upper

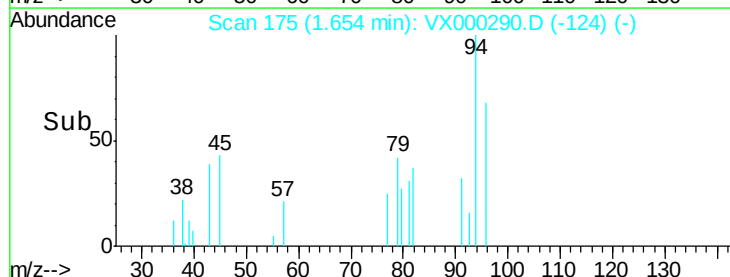
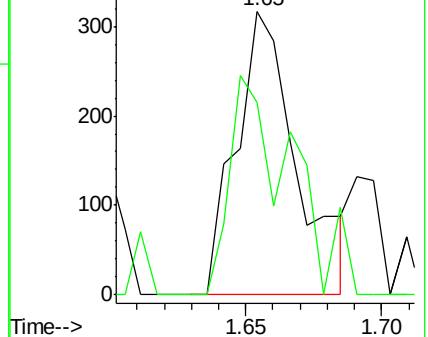
94 100

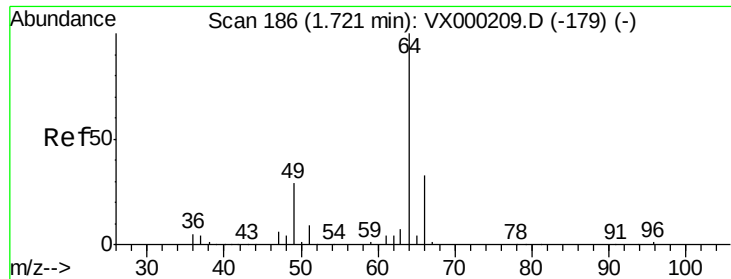
96 67.8 75.3 112.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX000290.D

Acq: 13 Mar 2018 10:42

Instrument :

MSVOA_X

ClientSampled :

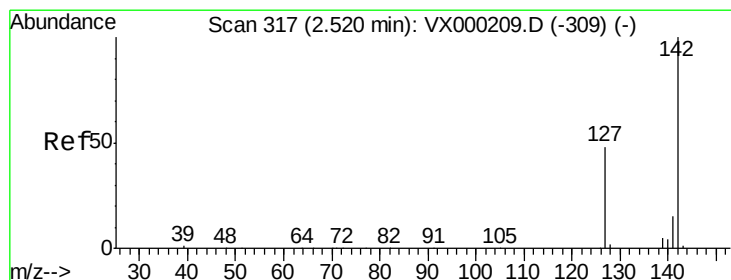
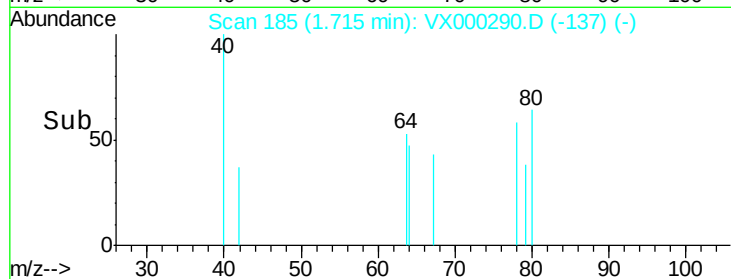
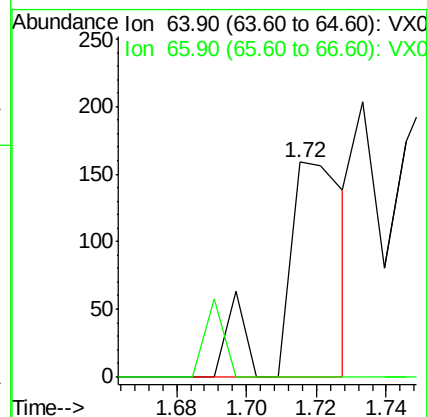
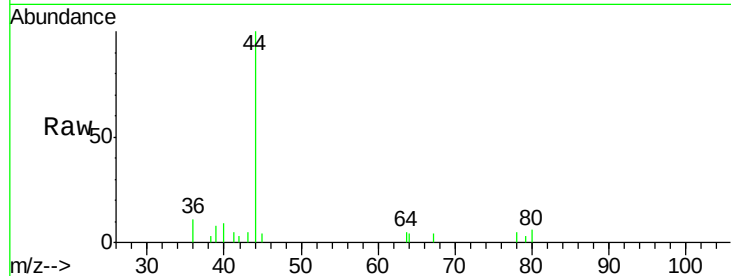
VX0313MBL01

Tot Ion: 64 Resp: 189

Ion Ratio Lower Upper

64 100

66 0.0 26.2 39.4#



#10

Methyl Iodide

Concen: 3.32 ug/l

RT: 2.53 min Scan# 319

Delta R.T. 0.01 min

Lab File: VX000290.D

Acq: 13 Mar 2018 10:42

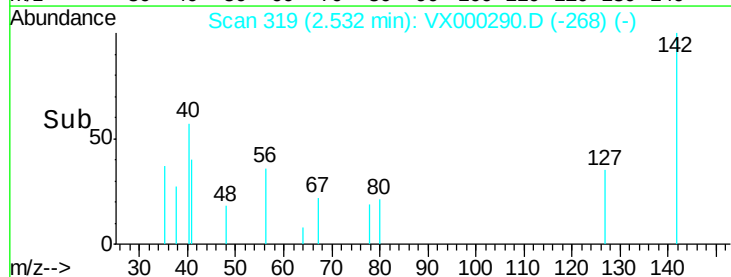
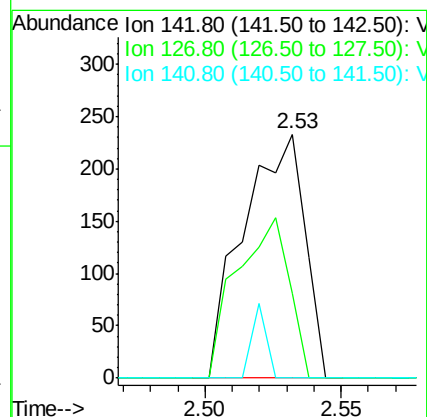
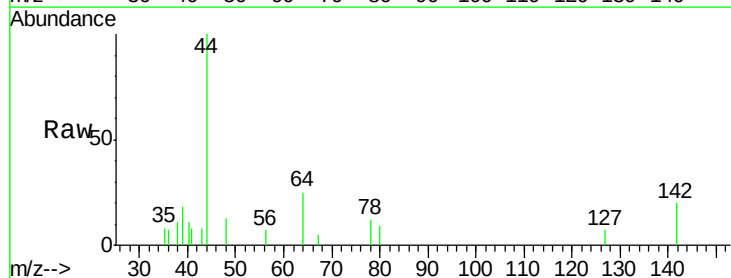
Tgt Ion: 142 Resp: 364

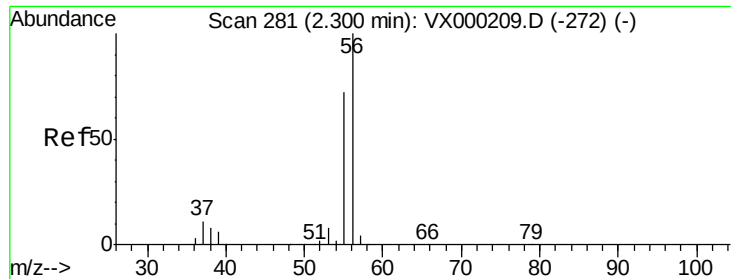
Ion Ratio Lower Upper

142 100

127 56.6 39.0 58.6

141 7.1 11.6 17.4#





#13

Acrolein

Concen: 0.38 ug/l

RT: 2.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: VX000290.D

Acq: 13 Mar 2018 10:42

Instrument :

MSVOA_X

ClientSampled :

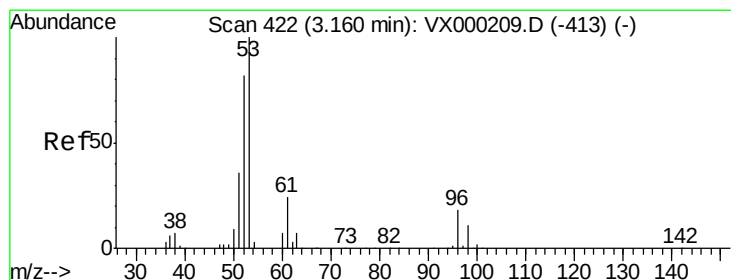
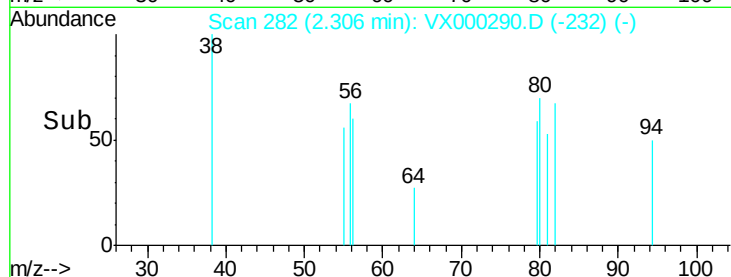
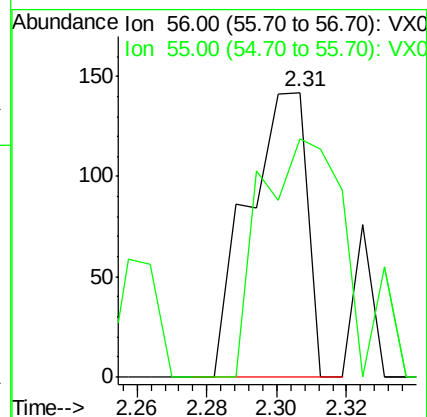
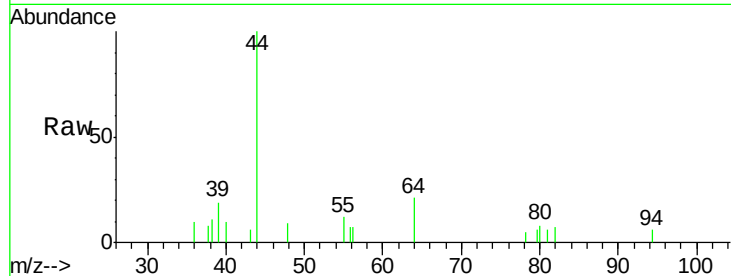
VX0313MBL01

Tot Ion: 56 Resp: 166

Ion Ratio Lower Upper

56 100

55 125.9 59.2 88.8#



#15

Acrylonitrile

Concen: 0.41 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX000290.D

Acq: 13 Mar 2018 10:42

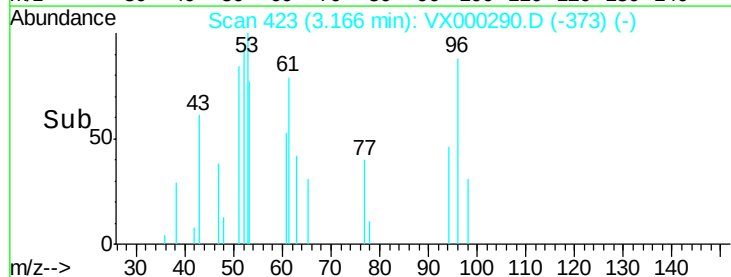
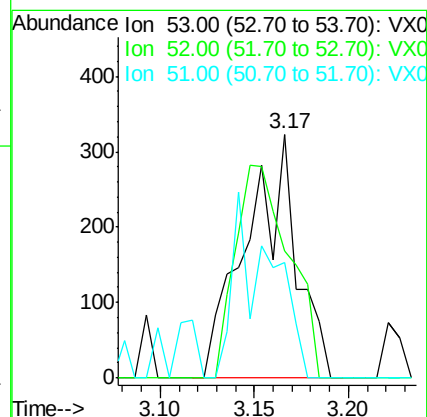
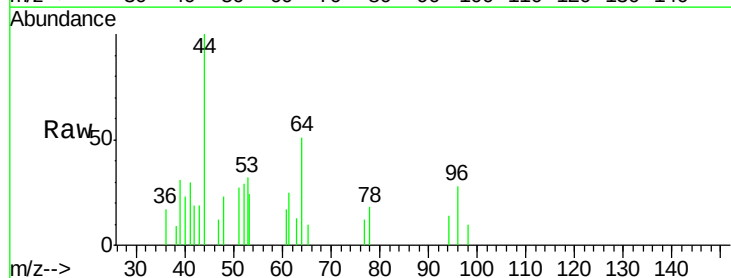
Tgt Ion: 53 Resp: 593

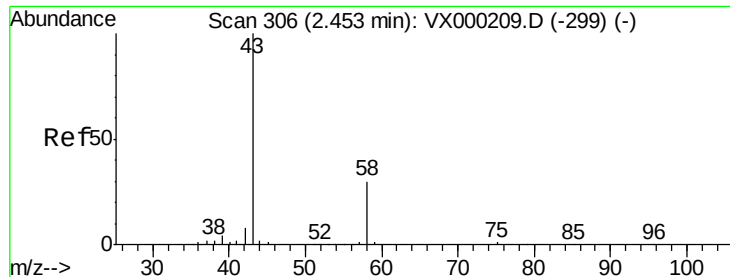
Ion Ratio Lower Upper

53 100

52 0.0 66.3 99.5#

51 0.0 29.6 44.4#





#16

Acetone

Concen: 0.40 ug/l

RT: 2.43 min Scan# 303

Delta R.T. -0.02 min

Lab File: VX000290.D

Acq: 13 Mar 2018 10:42

Instrument :

MSVOA_X

ClientSampled :

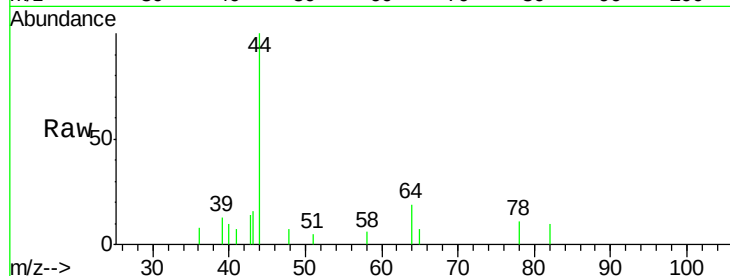
VX0313MBL01

Tot Ion: 43 Resp: 649

Ion Ratio Lower Upper

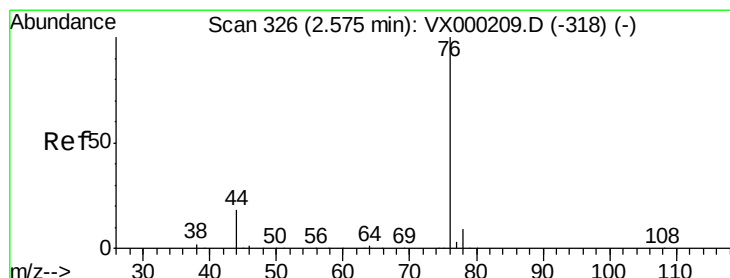
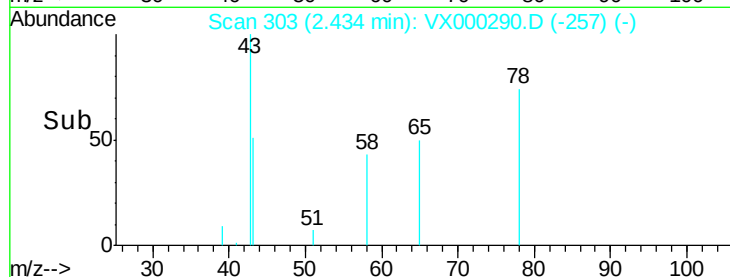
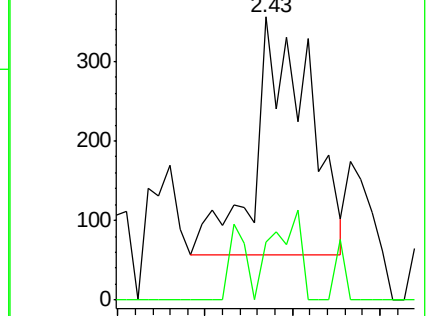
43 100

58 24.3 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.29 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000290.D

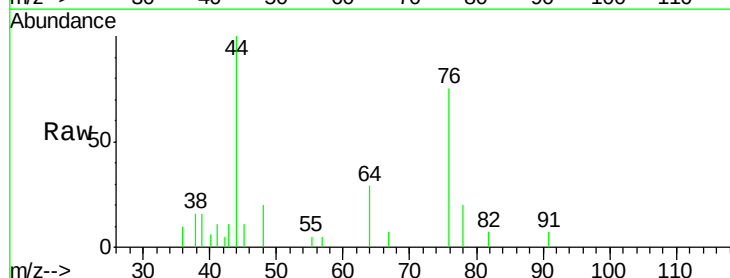
Acq: 13 Mar 2018 10:42

Tgt Ion: 76 Resp: 1356

Ion Ratio Lower Upper

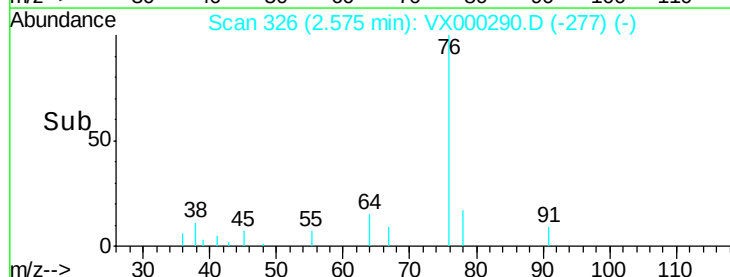
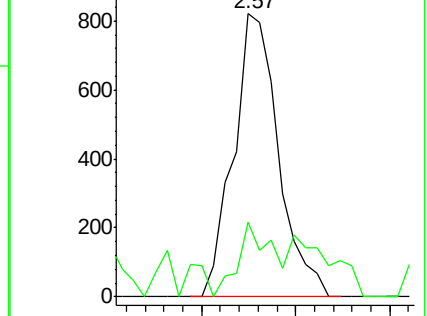
76 100

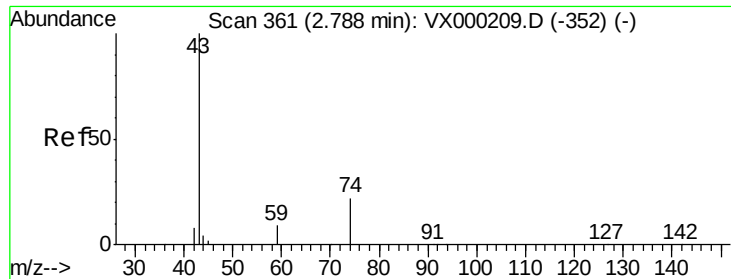
78 14.6 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

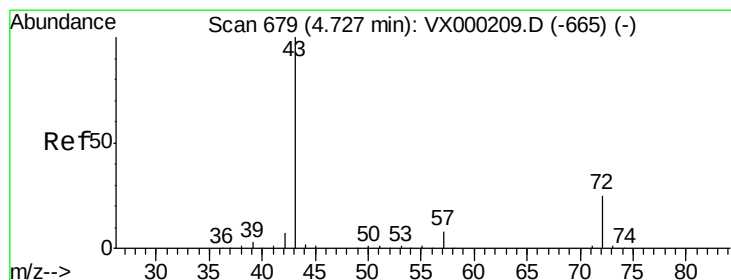
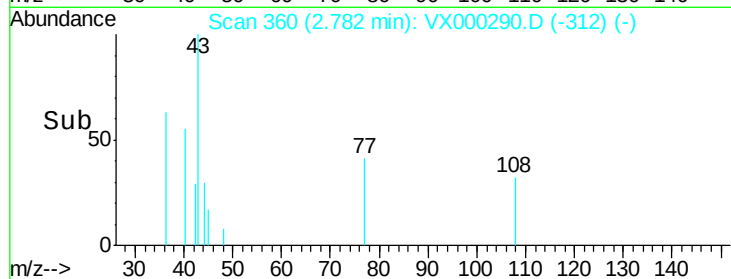
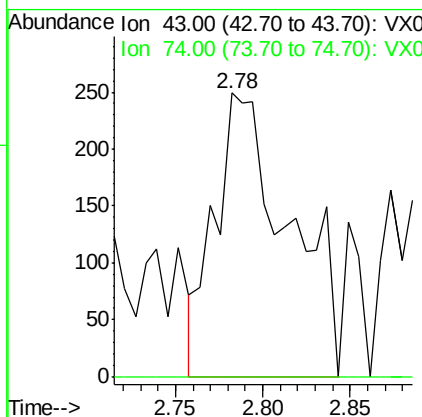
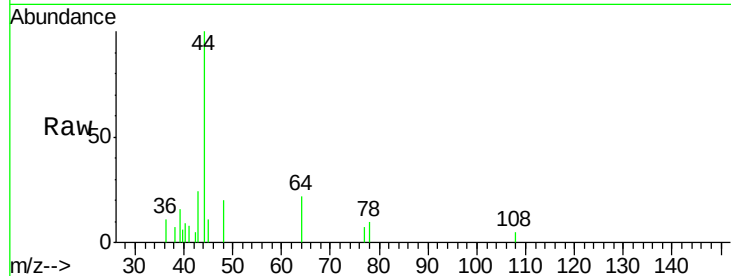




#18
Methyl Acetate
Concen: 0.21 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000290.D
Acq: 13 Mar 2018 10:42

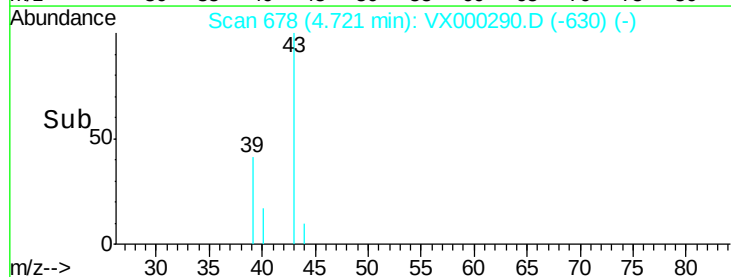
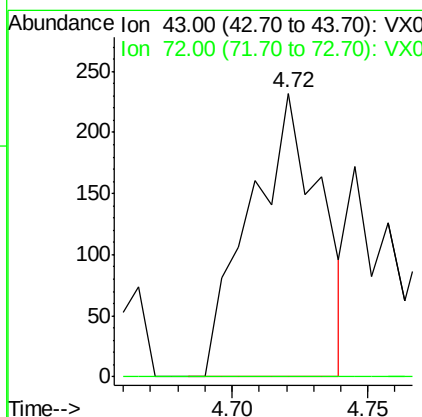
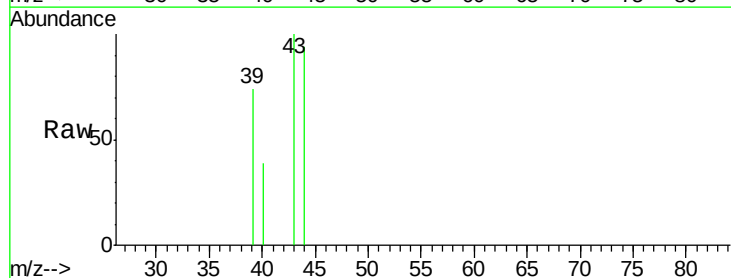
Instrument :
MSVOA_X
ClientSampled :
VX0313MBL01

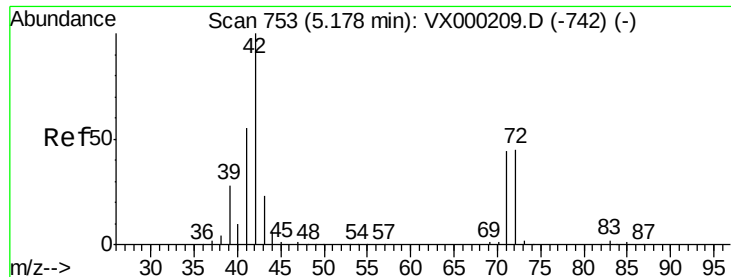
Tot Ion: 43 Resp: 733
Ion Ratio Lower Upper
43 100
74 0.0 18.9 28.3#



#25
2-Butanone
Concen: 0.21 ug/l
RT: 4.72 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX000290.D
Acq: 13 Mar 2018 10:42

Tgt Ion: 43 Resp: 413
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.2#





#29

Tetrahydrofuran

Concen: 0.69 ug/l

RT: 5.18 min Scan# 754

Delta R.T. 0.01 min

Lab File: VX000290.D

Acq: 13 Mar 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

VX0313MBL01

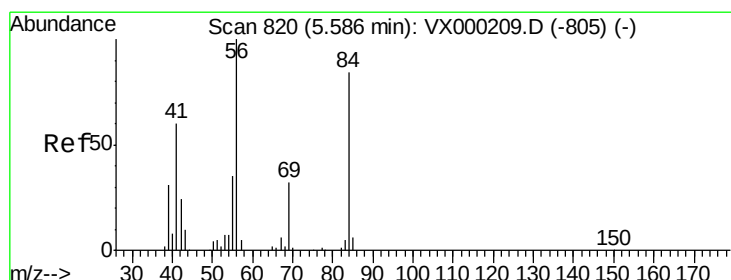
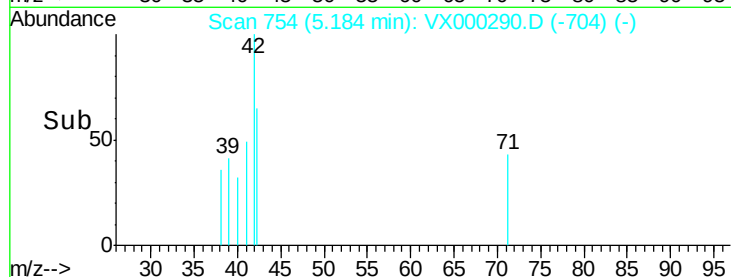
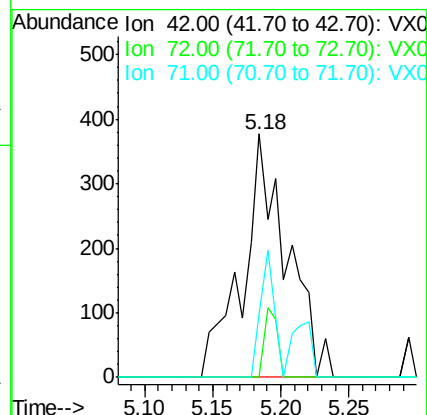
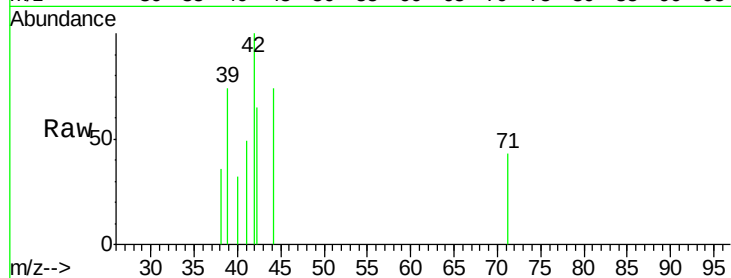
Tot Ion: 42 Resp: 859

Ion Ratio Lower Upper

42 100

72 8.5 37.3 55.9#

71 16.5 35.0 52.4#



#31

Cyclohexane

Concen: 1.58 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX000290.D

Acq: 13 Mar 2018 10:42

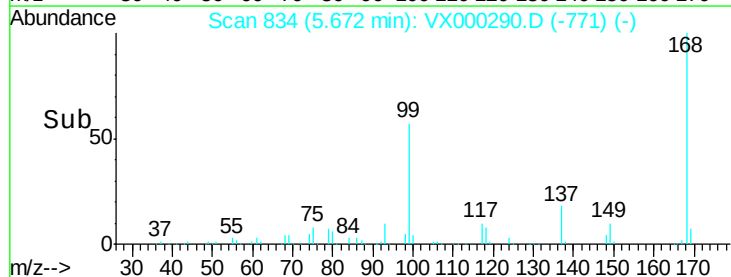
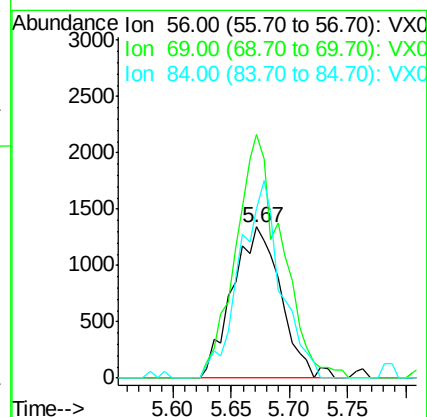
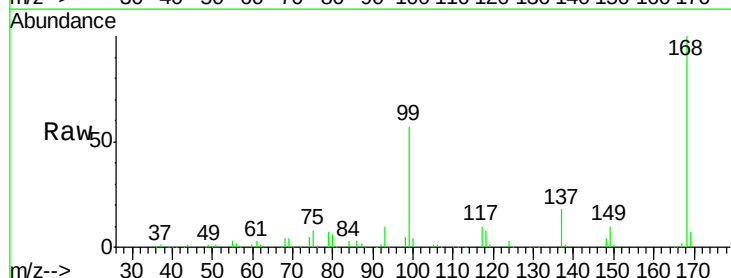
Tgt Ion: 56 Resp: 3889

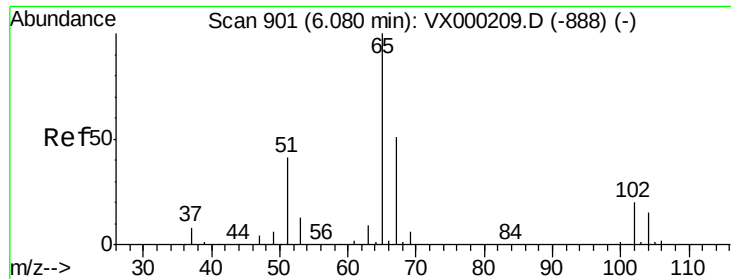
Ion Ratio Lower Upper

56 100

69 161.3 25.3 37.9#

84 112.5 67.2 100.8#

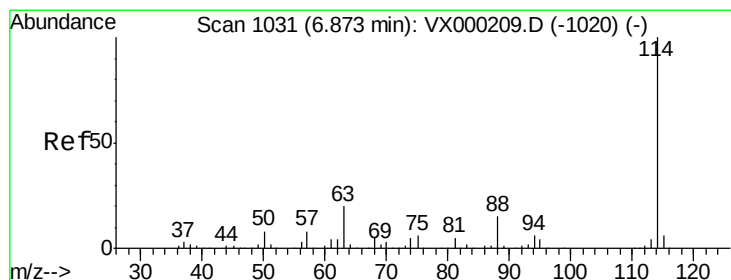
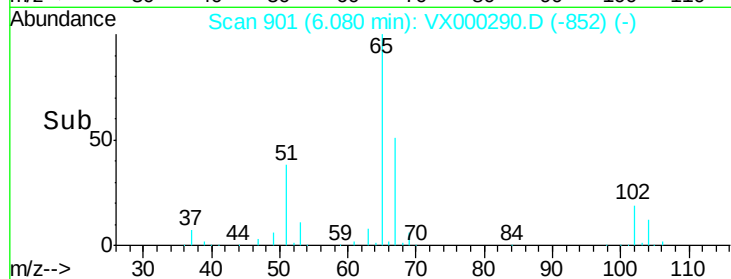
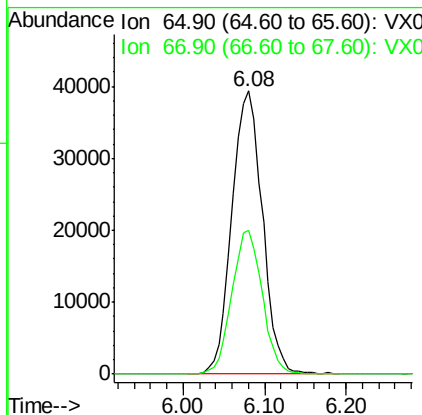
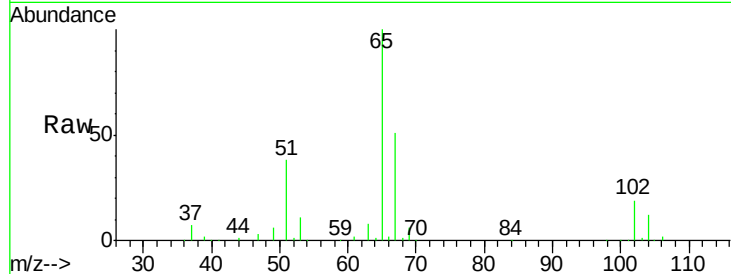




#33
 1,2-Dichloroethane-d4
 Concen: 45.45 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000290.D
 Acq: 13 Mar 2018 10:42

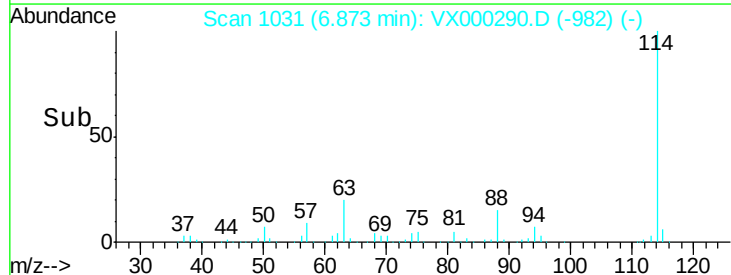
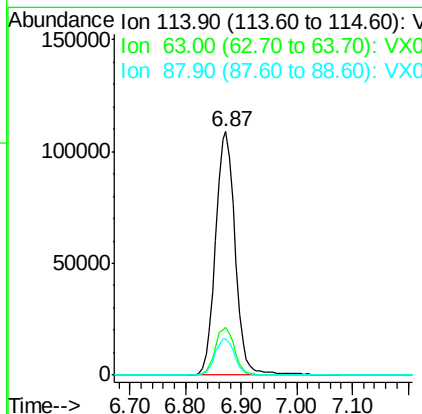
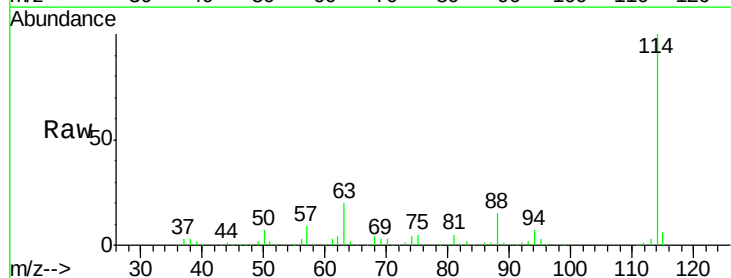
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313MBL01

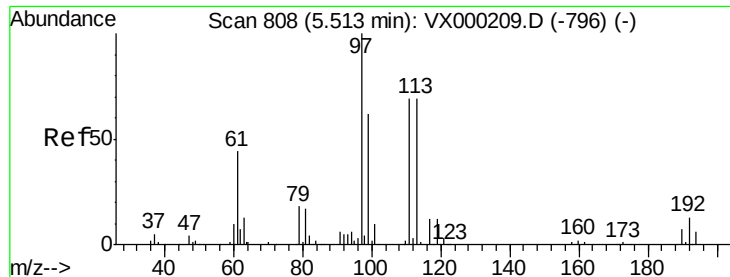
Tot Ion: 65 Resp: 101997
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000290.D
 Acq: 13 Mar 2018 10:42

Tgt Ion: 114 Resp: 266857
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.2
 88 15.2 0.0 29.8





#35

Dibromofluoromethane

Concen: 45.89 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000290.D

Acq: 13 Mar 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

VX0313MBL01

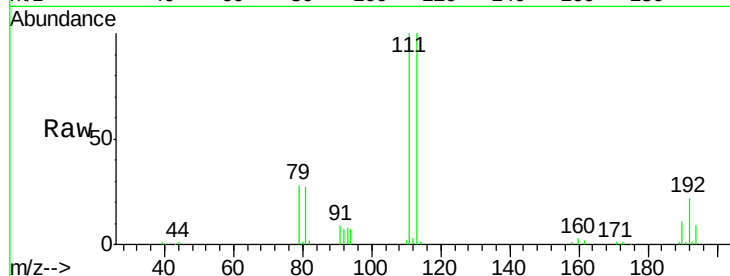
Tot Ion:113 Resp: 76933

Ion Ratio Lower Upper

113 100

111 102.1 83.0 124.6

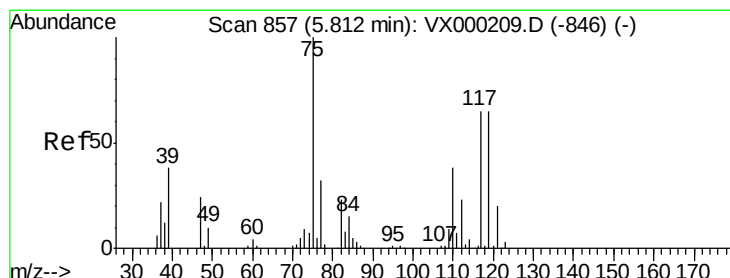
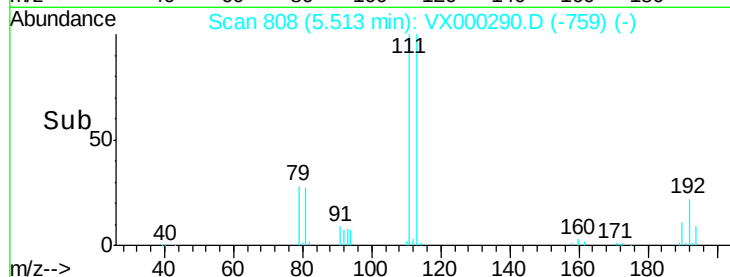
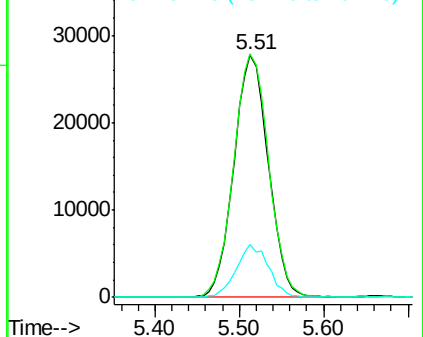
192 20.5 15.5 23.3



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: 5.60 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.14 min

Lab File: VX000290.D

Acq: 13 Mar 2018 10:42

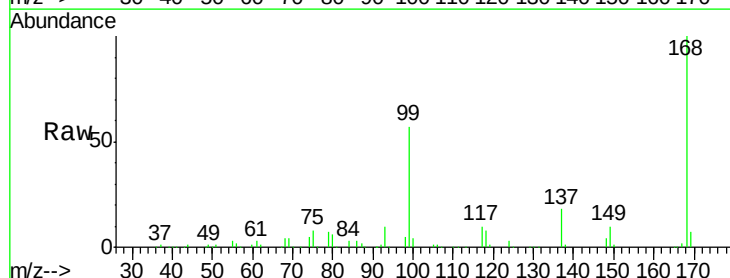
Tgt Ion: 75 Resp: 13294

Ion Ratio Lower Upper

75 100

110 6.2 17.8 53.5#

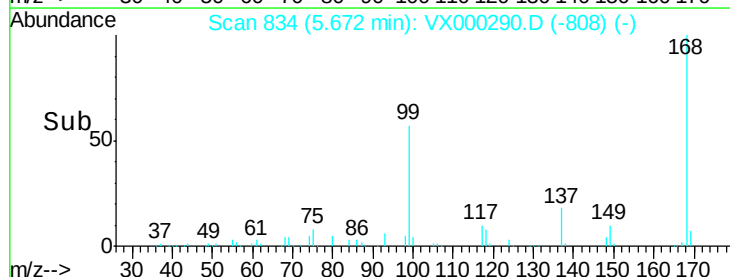
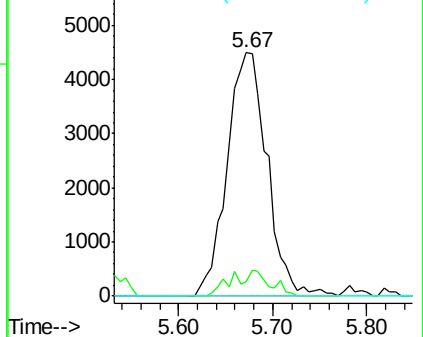
77 0.0 24.9 37.3#

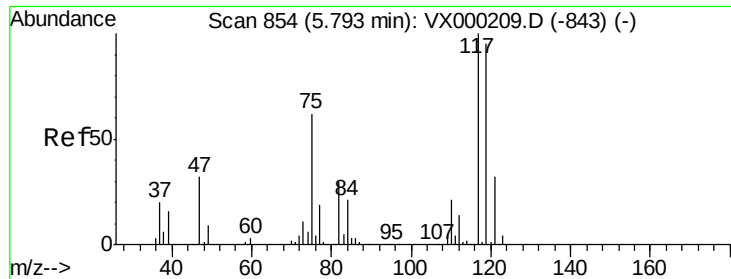


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

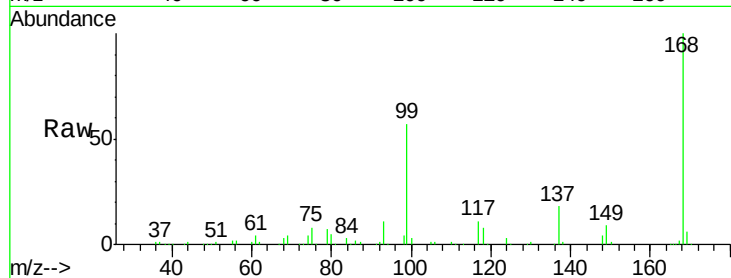




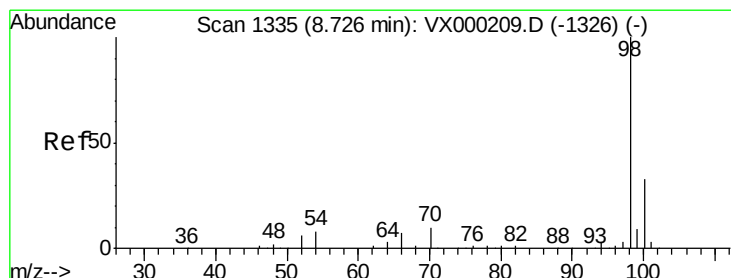
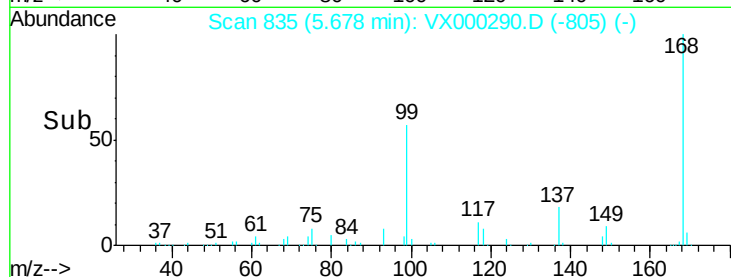
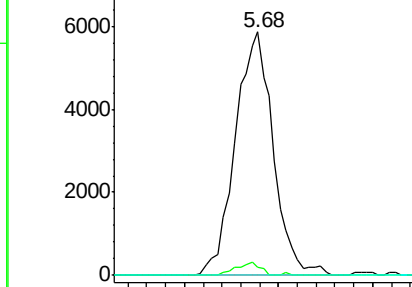
#38
Carbon Tetrachloride
Concen: 6.85 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.12 min
Lab File: VX000290.D
Acq: 13 Mar 2018 10:42

Instrument :
MSVOA_X
ClientSampleId :
VX0313MBL01

Tot Ion:117 Resp: 16466
Ion Ratio Lower Upper
117 100
119 3.3 75.9 113.9#
121 0.0 25.8 38.6#

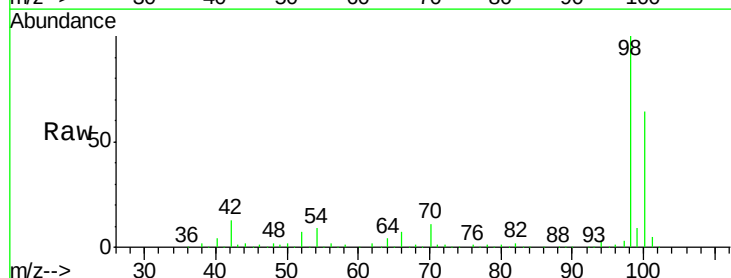


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

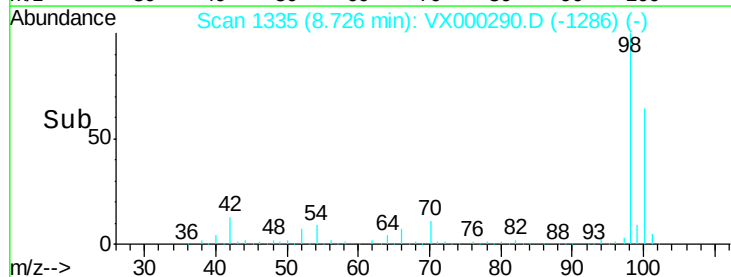
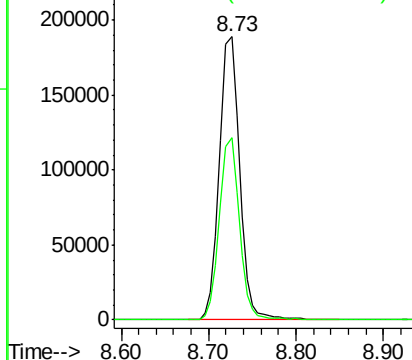


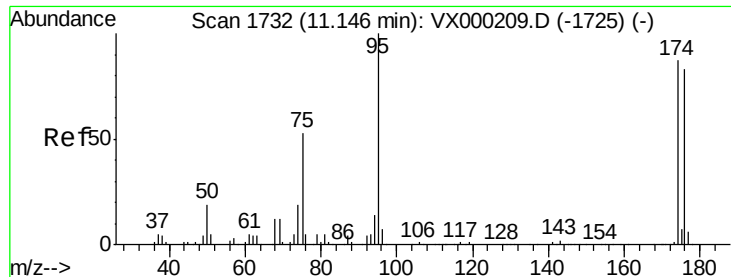
#50
Toluene-d8
Concen: 44.15 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000290.D
Acq: 13 Mar 2018 10:42

Tgt Ion: 98 Resp: 306553
Ion Ratio Lower Upper
98 100
100 63.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

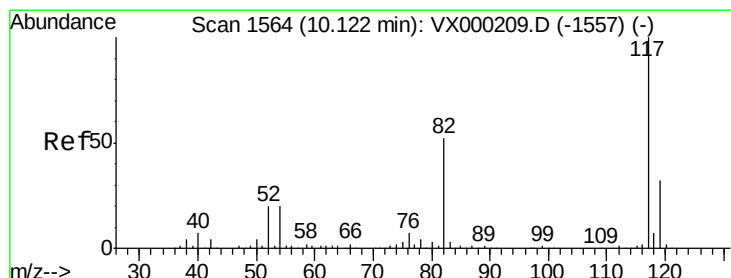
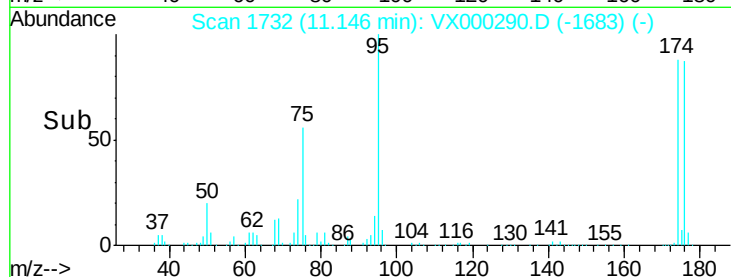
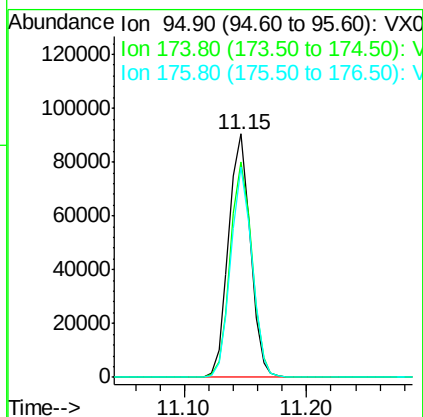
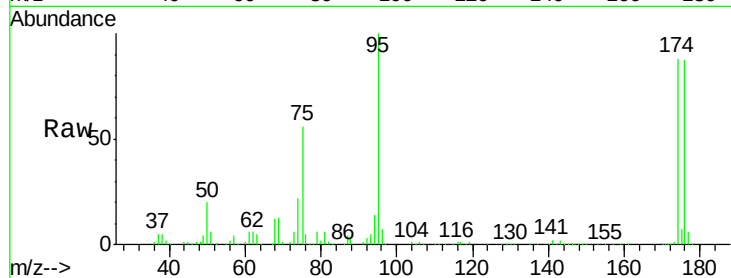




#62
 4-Bromofluorobenzene
 Concen: 41.19 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.00 min
 Lab File: VX000290.D
 Acq: 13 Mar 2018 10:42

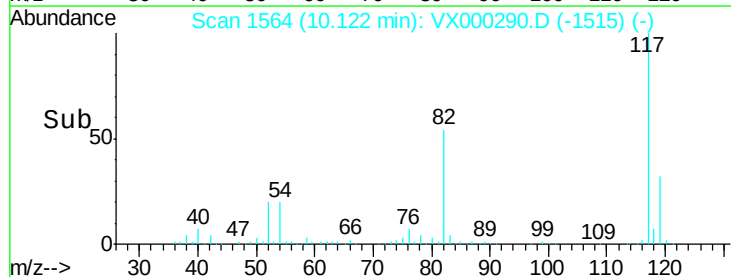
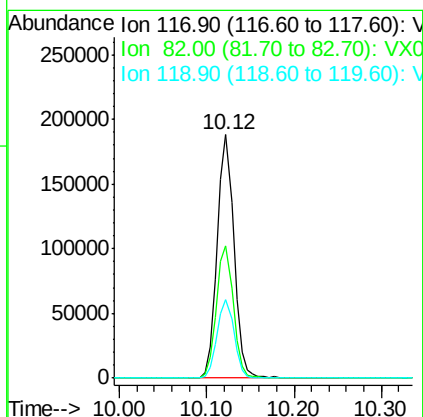
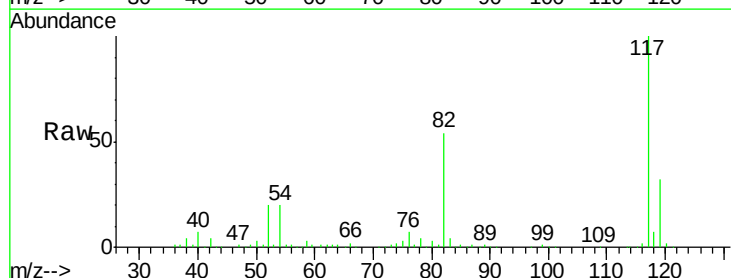
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313MBL01

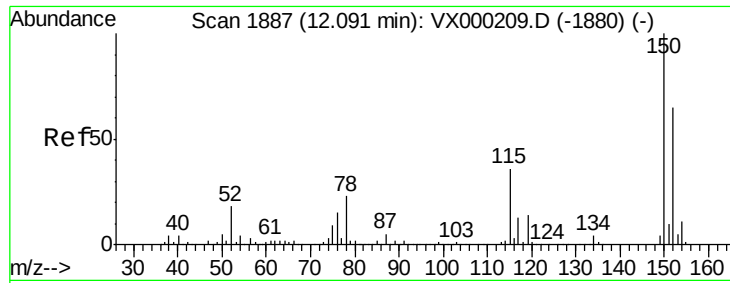
Tot Ion: 95 Resp: 111612
 Ion Ratio Lower Upper
 95 100
 174 87.7 0.0 175.6
 176 84.2 0.0 171.0



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.12 min Scan# 1564
 Delta R.T. 0.00 min
 Lab File: VX000290.D
 Acq: 13 Mar 2018 10:42

Tgt Ion: 117 Resp: 248785
 Ion Ratio Lower Upper
 117 100
 82 54.3 42.0 63.0
 119 32.1 25.3 37.9



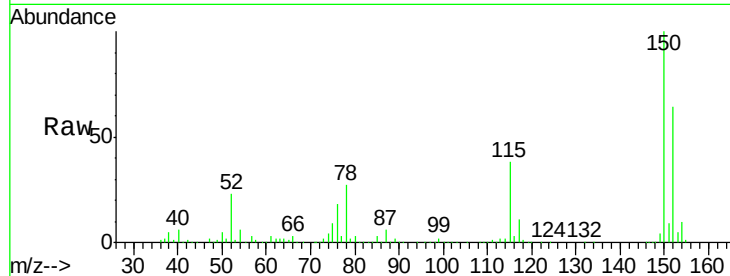


#72

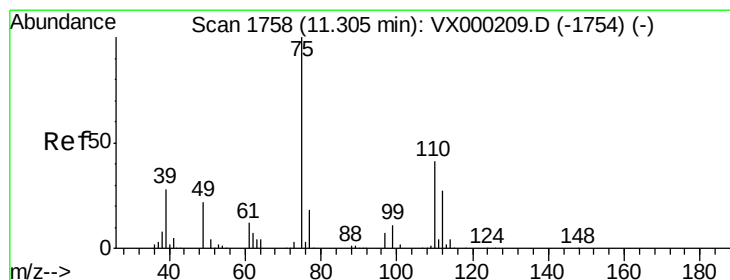
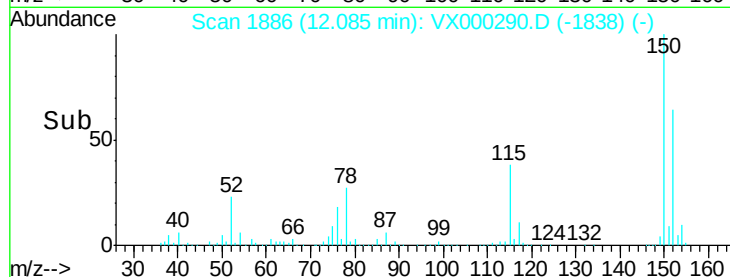
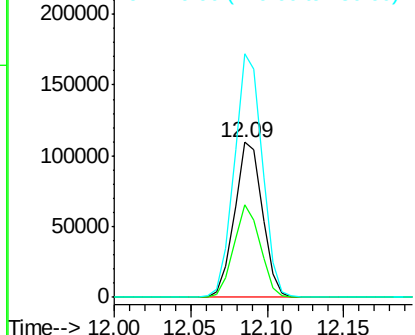
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000290.D
Acq: 13 Mar 2018 10:42

Instrument :
MSVOA_X
ClientSampleId :
VX0313MBL01

Tot Ion:152 Resp: 138383
Ion Ratio Lower Upper
152 100
115 57.0 39.8 119.3
150 156.9 0.0 345.0



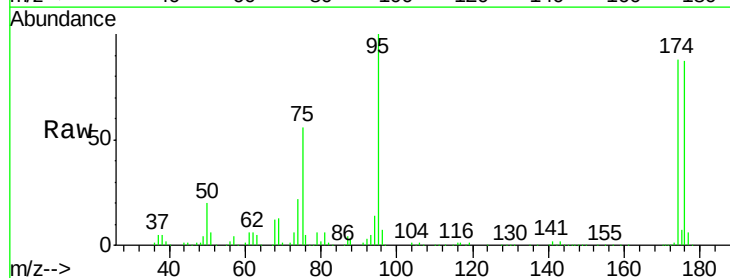
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



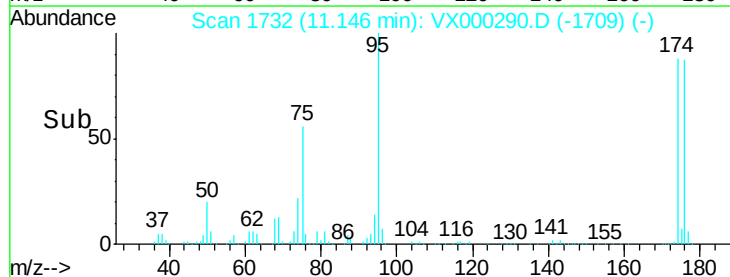
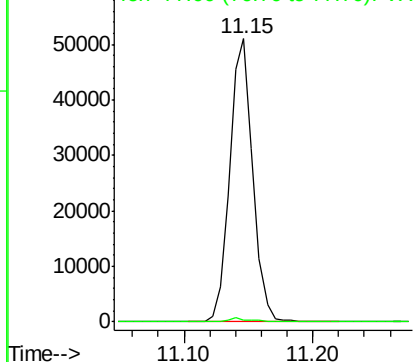
#76

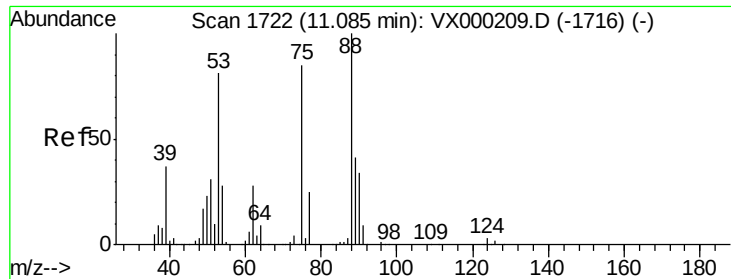
1,2,3-Trichloropropane
Concen: 22.93 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.16 min
Lab File: VX000290.D
Acq: 13 Mar 2018 10:42

Tgt Ion: 75 Resp: 63598
Ion Ratio Lower Upper
75 100
77 1.1 22.3 66.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 70.21 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.06 min

Lab File: VX000290.D

Acq: 13 Mar 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

VX0313MBL01

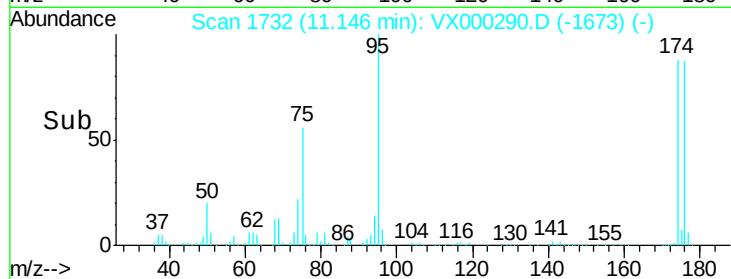
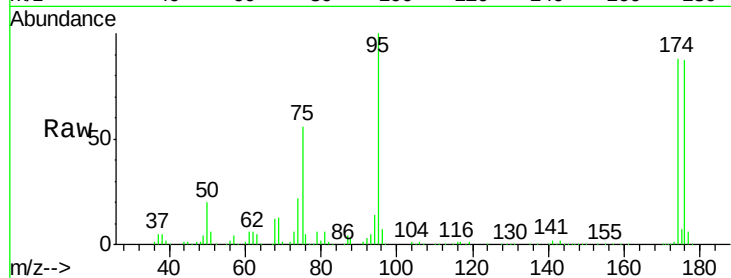
Tot Ion: 75 Resp: 63598

Ion Ratio Lower Upper

75 100

53 0.0 78.6 118.0#

89 0.0 38.8 58.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

