

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031318\
 Data File : VX000301.D
 Acq On : 13 Mar 2018 15:47
 Operator : JC/MD
 Sample : J1898-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-11

Quant Time: Mar 14 00:57:33 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	5.68	168	116872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	196978	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	185791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	99209	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	71442	44.10	ug/l	0.00
Spiked Amount			Recovery	=	88.20%	
35) Dibromofluoromethane	5.52	113	52961	42.80	ug/l	0.00
Spiked Amount			Recovery	=	85.60%	
50) Toluene-d8	8.73	98	210416	41.06	ug/l	0.00
Spiked Amount			Recovery	=	82.12%	
62) 4-Bromofluorobenzene	11.15	95	75377	37.68	ug/l	0.00
Spiked Amount			Recovery	=	75.36%	

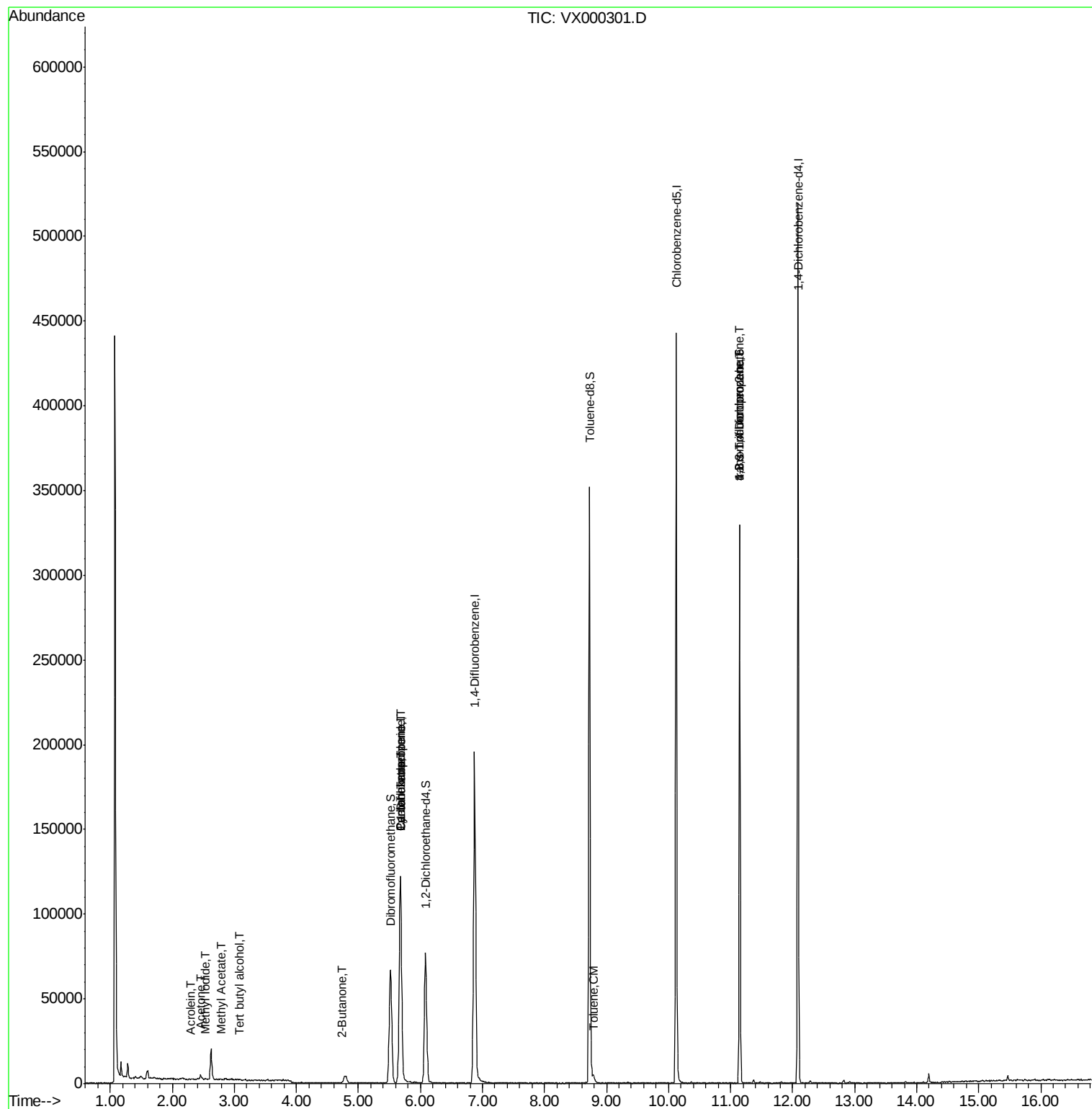
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.63	94	76	Below Cal	#	3
6) Chloroethane	1.72	64	292	Below Cal	#	42
10) Methyl Iodide	2.53	142	34	3.17	ug/l #	1
11) Tert butyl alcohol	3.09	59	341	0.57	ug/l #	89
13) Acrolein	2.29	56	117	0.37	ug/l #	12
16) Acetone	2.46	43	3130	2.69	ug/l	98
18) Methyl Acetate	2.79	43	534	0.22	ug/l #	52
25) 2-Butanone	4.73	43	429	0.30	ug/l #	50
31) Cyclohexane	5.68	56	3015	1.70	ug/l #	37
36) 1,1-Dichloropropene	5.67	75	9118	5.20	ug/l #	50
38) Carbon Tetrachloride	5.68	117	12074	6.81	ug/l #	16
52) Toluene	8.79	92	945	0.27	ug/l	86
76) 1,2,3-Trichloropropane	11.15	75	43910	22.08	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.15	75	43910	67.61	ug/l #	10

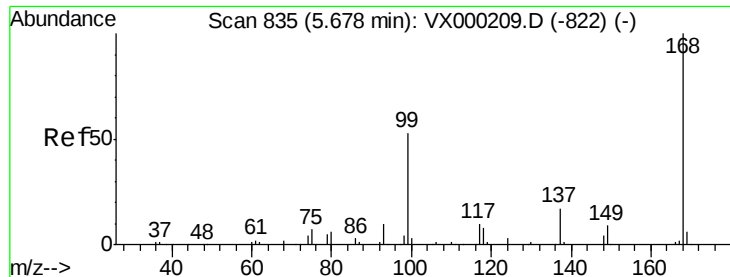
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000301.D

Acq: 13 Mar 2018 15:47

Instrument :

MSVOA_X

ClientSampleId :

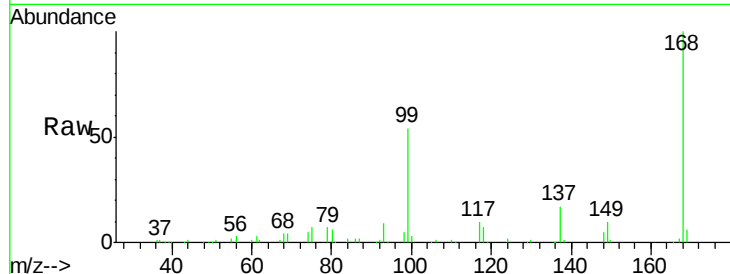
TP-11

Tot Ion:168 Resp: 116872

Ion Ratio Lower Upper

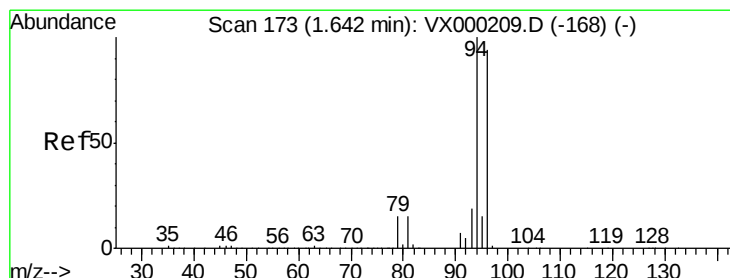
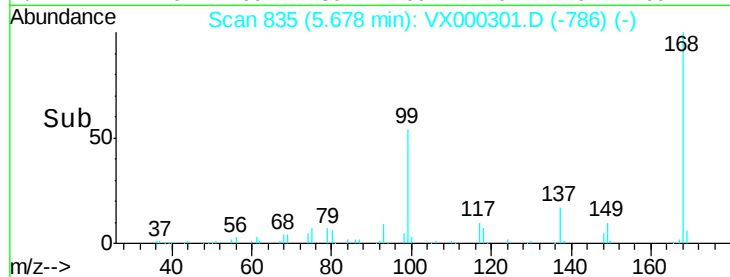
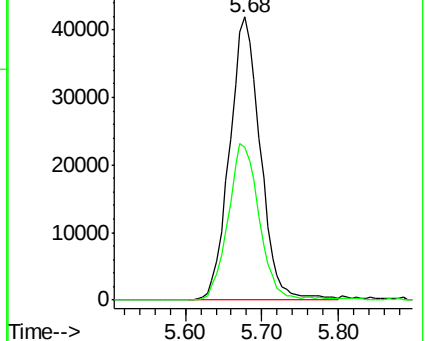
168 100

99 54.0 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: 1.63 min Scan# 171

Delta R.T. -0.01 min

Lab File: VX000301.D

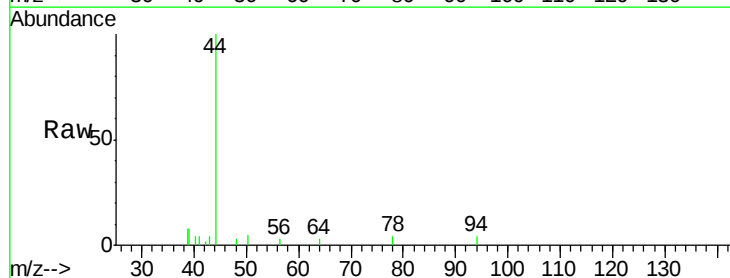
Acq: 13 Mar 2018 15:47

Tgt Ion: 94 Resp: 76

Ion Ratio Lower Upper

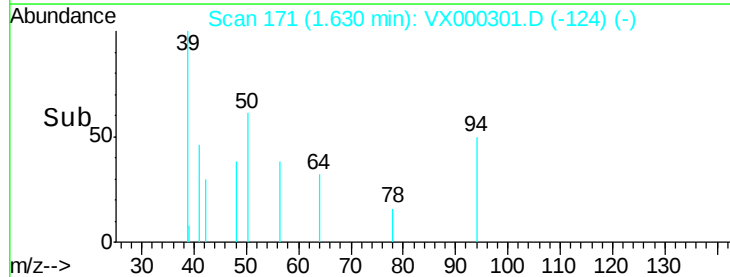
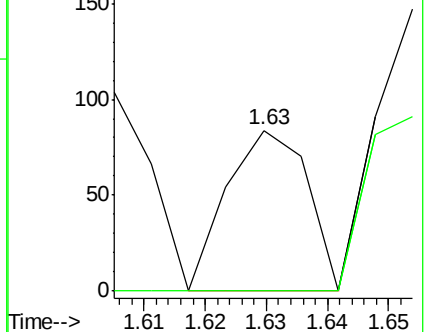
94 100

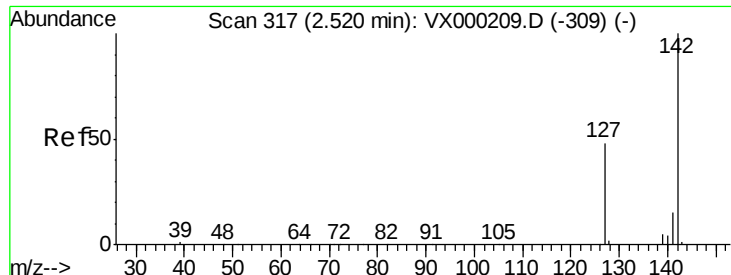
96 0.0 75.3 112.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

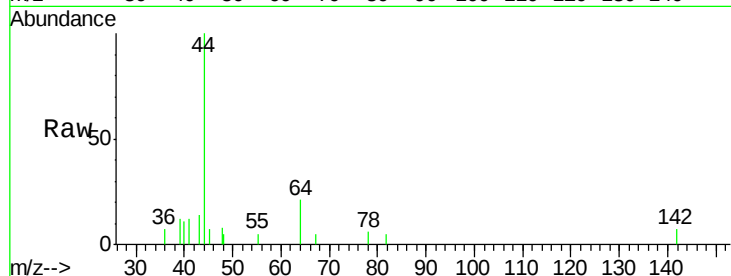




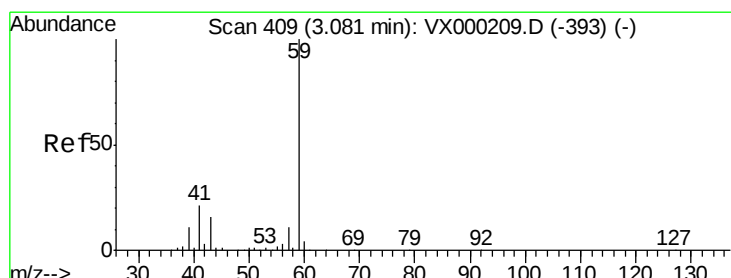
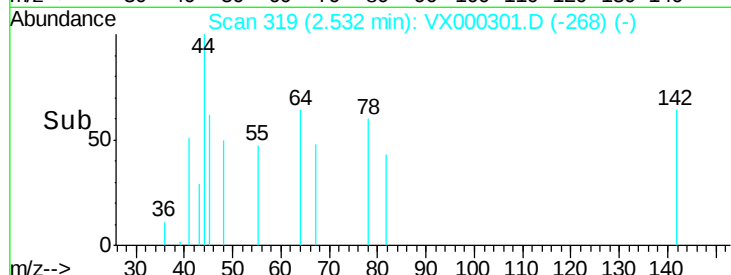
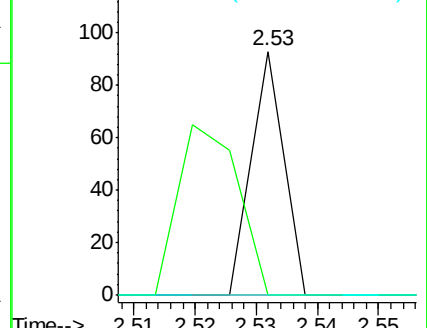
#10
Methyl Iodide
Concen: 3.17 ug/l
RT: 2.53 min Scan# 319
Delta R.T. 0.01 min
Lab File: VX000301.D
Acq: 13 Mar 2018 15:47

Instrument :
MSVOA_X
ClientSampled :
TP-11

Tot Ion:142 Resp: 34
Ion Ratio Lower Upper
142 100
127 129.4 39.0 58.6#
141 0.0 11.6 17.4#

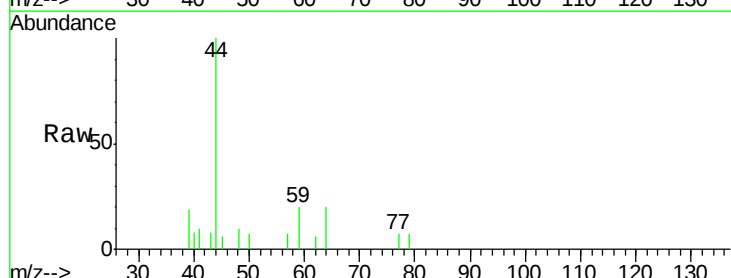


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

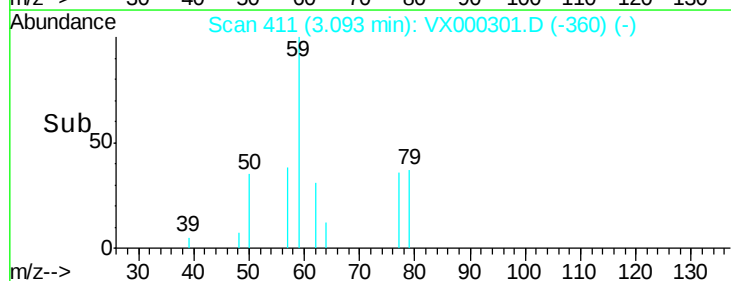
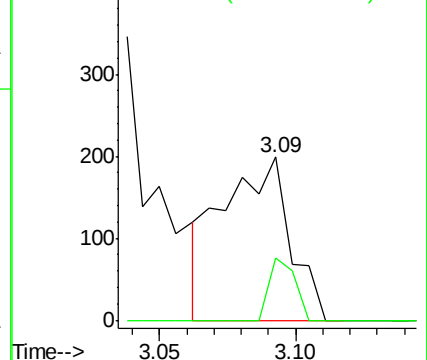


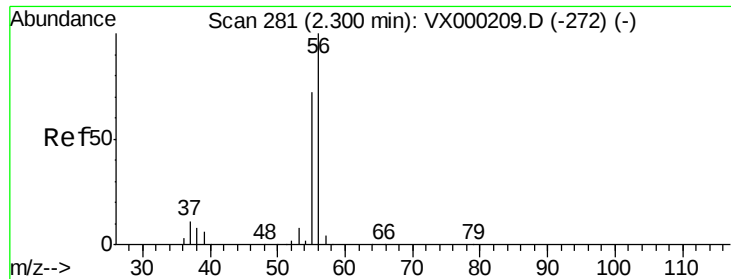
#11
Tert butyl alcohol
Concen: 0.57 ug/l
RT: 3.09 min Scan# 411
Delta R.T. 0.01 min
Lab File: VX000301.D
Acq: 13 Mar 2018 15:47

Tgt Ion: 59 Resp: 341
Ion Ratio Lower Upper
59 100
57 14.7 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 0.37 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000301.D

Acq: 13 Mar 2018 15:47

Instrument :

MSVOA_X

ClientSampled :

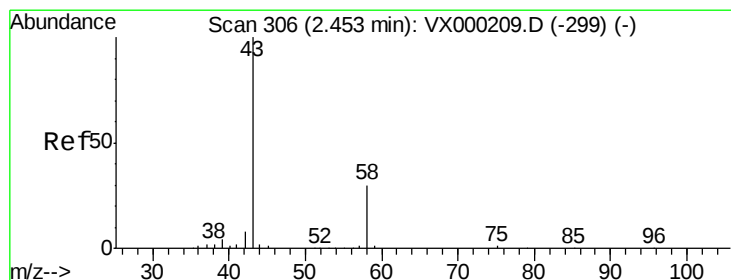
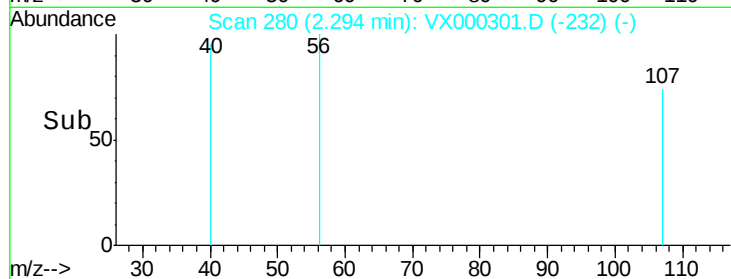
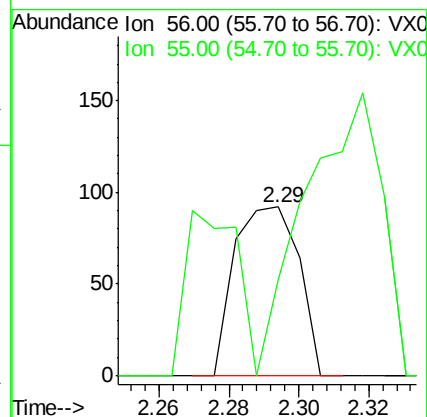
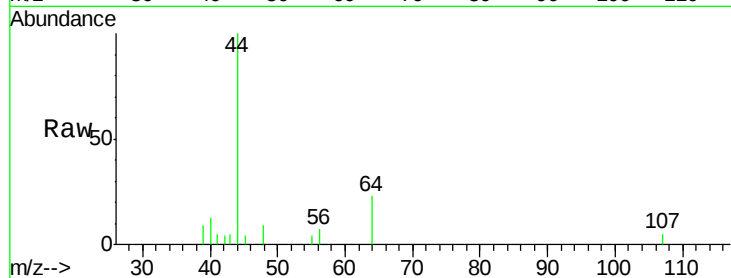
TP-11

Tot Ion: 56 Resp: 117

Ion Ratio Lower Upper

56 100

55 0.0 59.2 88.8#



#16

Acetone

Concen: 2.69 ug/l

RT: 2.46 min Scan# 307

Delta R.T. 0.01 min

Lab File: VX000301.D

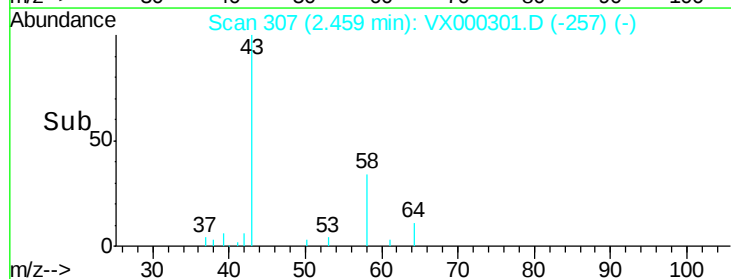
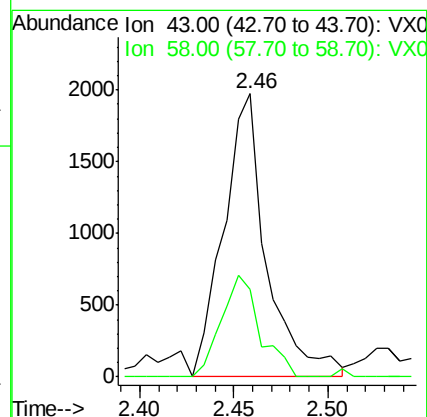
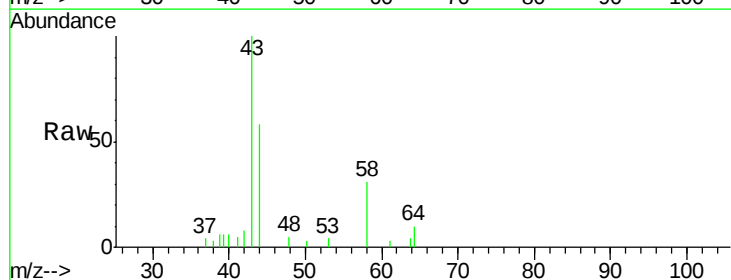
Acq: 13 Mar 2018 15:47

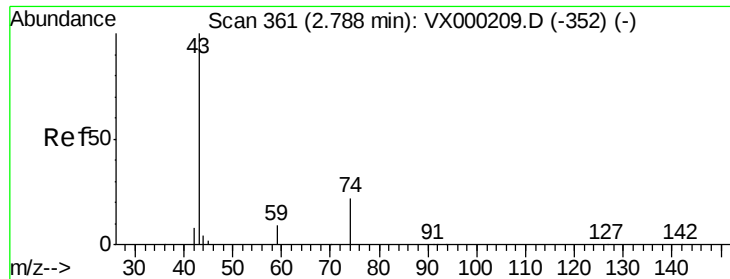
Tgt Ion: 43 Resp: 3130

Ion Ratio Lower Upper

43 100

58 31.0 23.8 35.6

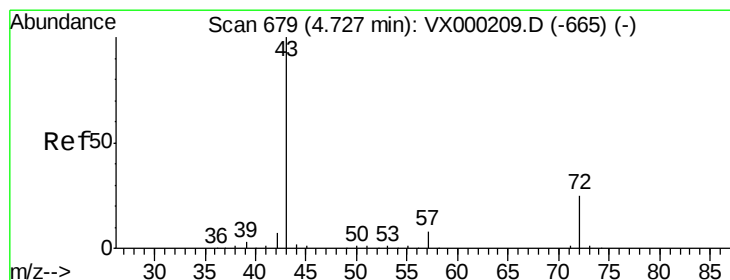
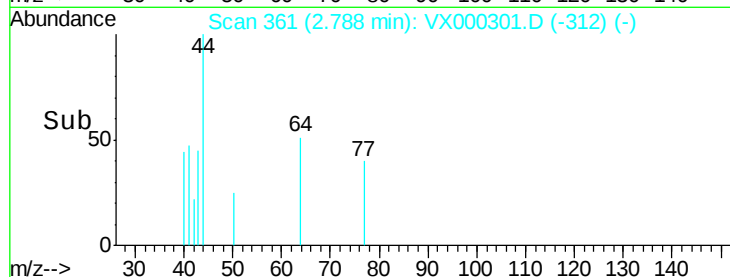
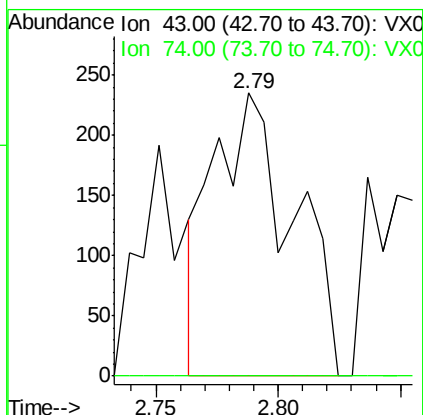
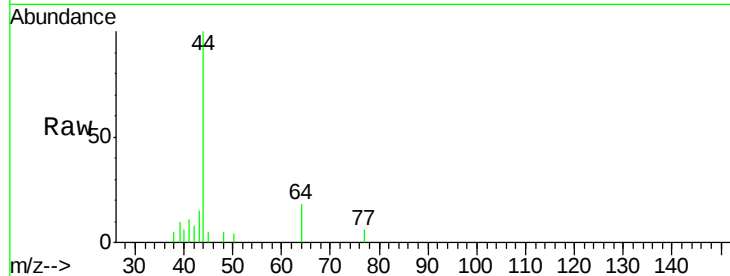




#18
Methvl Acetate
Concen: 0.22 ug/l
RT: 2.79 min Scan# 361
Delta R.T. -0.00 min
Lab File: VX000301.D
Acq: 13 Mar 2018 15:47

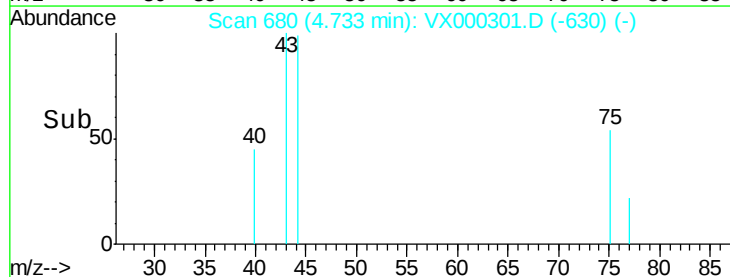
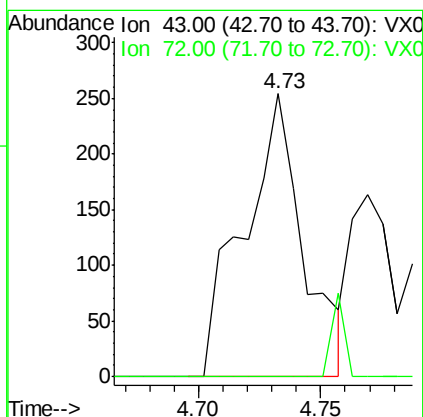
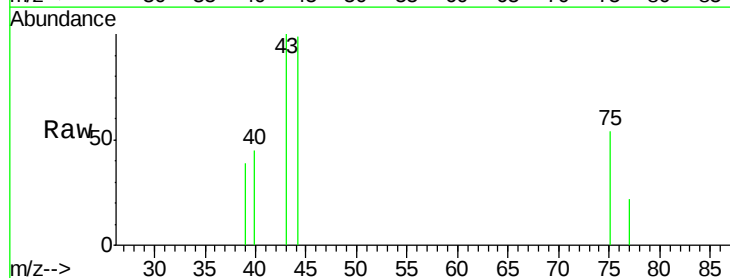
Instrument :
MSVOA_X
ClientSampled :
TP-11

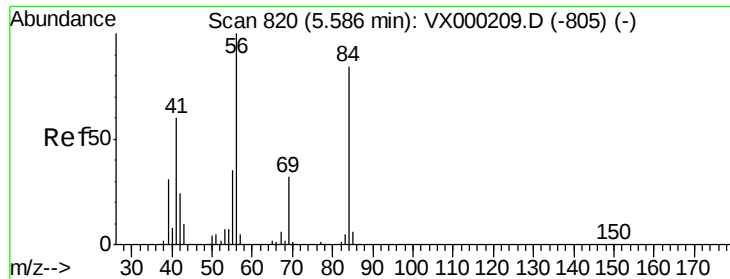
Tot Ion: 43 Resp: 534
Ion Ratio Lower Upper
43 100
74 0.0 18.9 28.3#



#25
2-Butanone
Concen: 0.30 ug/l
RT: 4.73 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX000301.D
Acq: 13 Mar 2018 15:47

Tgt Ion: 43 Resp: 429
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.2#

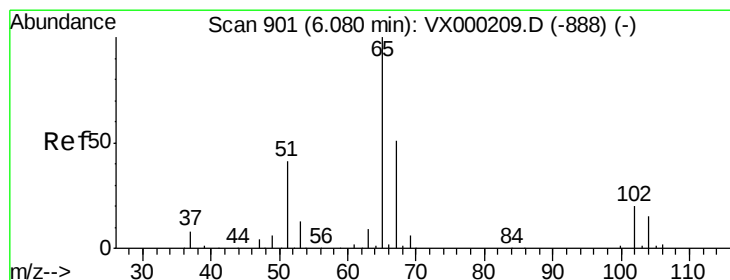
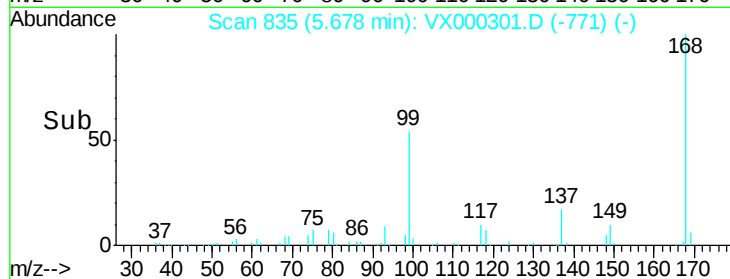
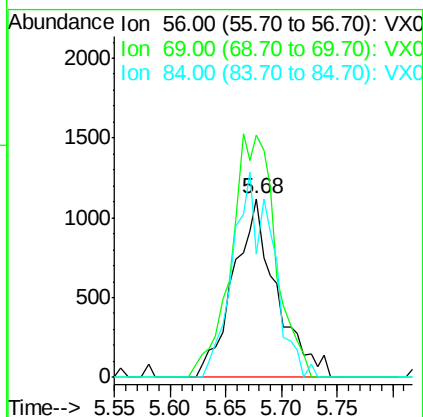
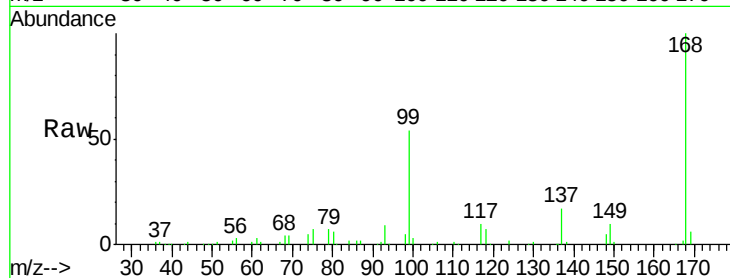




#31
Cyclohexane
Concen: 1.70 ug/l
RT: 5.68 min Scan# 835
Delta R.T. 0.09 min
Lab File: VX000301.D
Acq: 13 Mar 2018 15:47

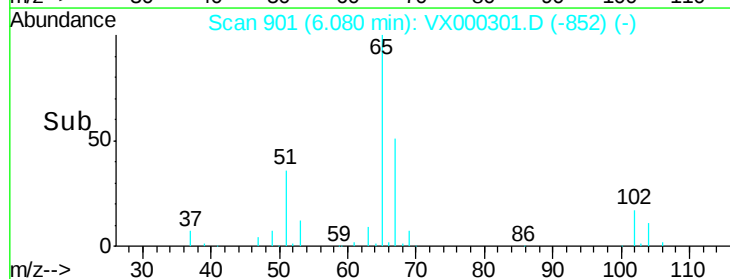
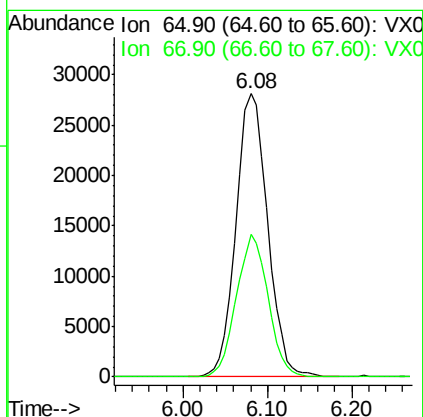
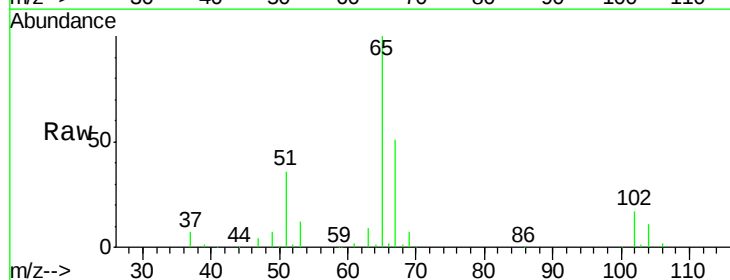
Instrument :
MSVOA_X
ClientSampleId :
TP-11

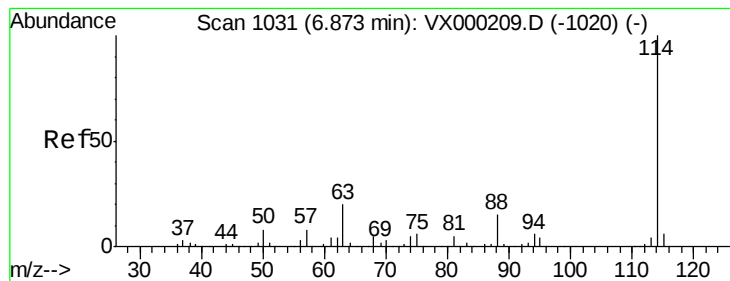
Tot Ion: 56 Resp: 3015
Ion Ratio Lower Upper
56 100
69 135.8 25.3 37.9#
84 69.0 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 44.10 ug/l
RT: 6.08 min Scan# 901
Delta R.T. -0.00 min
Lab File: VX000301.D
Acq: 13 Mar 2018 15:47

Tgt Ion: 65 Resp: 71442
Ion Ratio Lower Upper
65 100
67 50.3 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: VX000301.D

Acq: 13 Mar 2018 15:47

Instrument :

MSVOA_X

ClientSampled :

TP-11

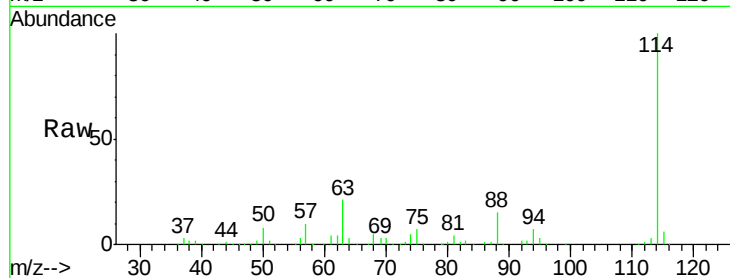
Tot Ion:114 Resp: 196978

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.2

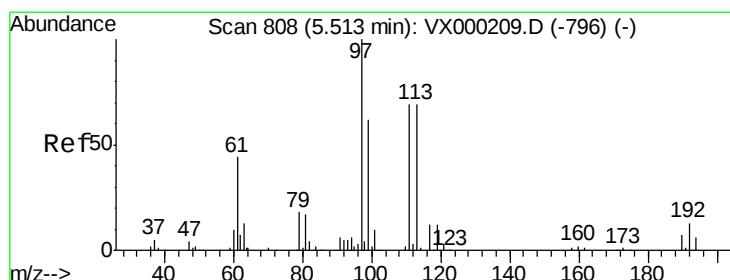
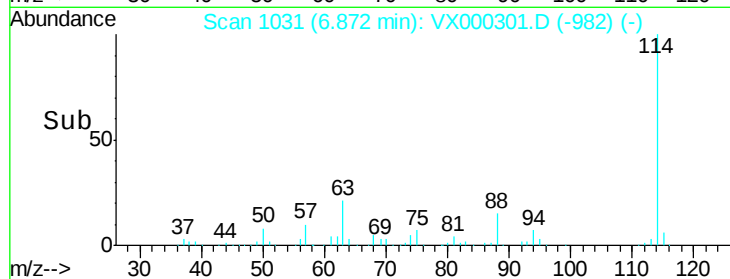
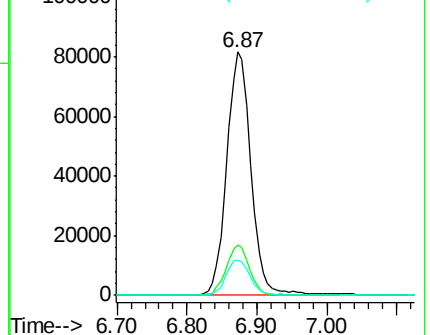
88 14.6 0.0 29.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 42.80 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000301.D

Acq: 13 Mar 2018 15:47

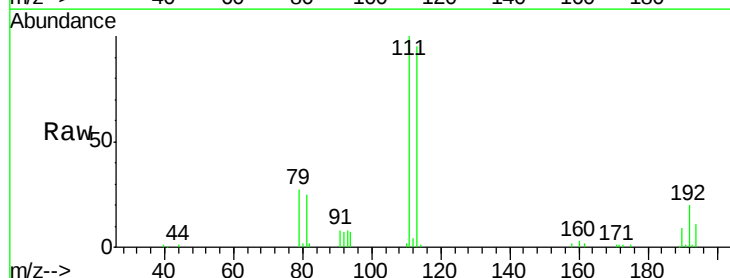
Tgt Ion:113 Resp: 52961

Ion Ratio Lower Upper

113 100

111 102.0 83.0 124.6

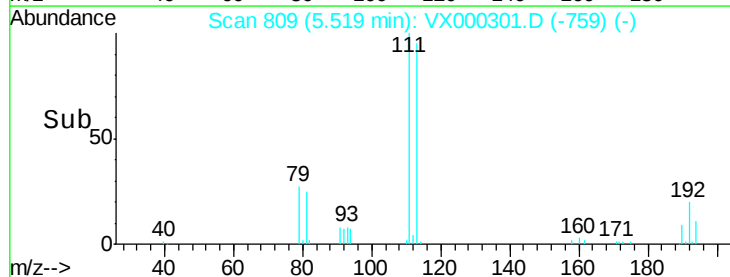
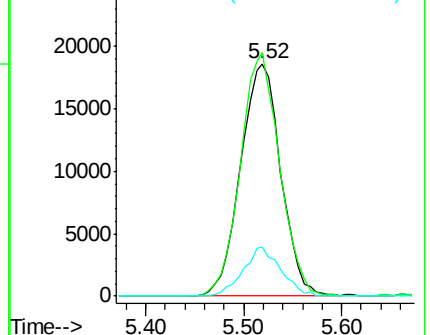
192 19.8 15.5 23.3

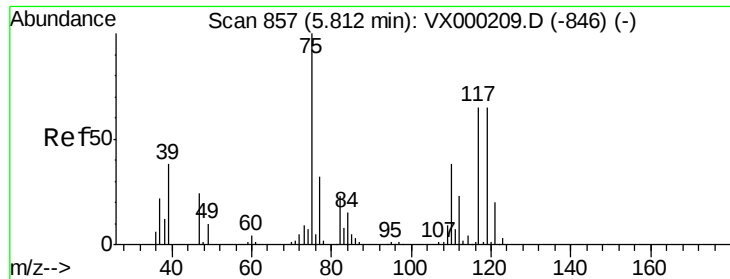


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

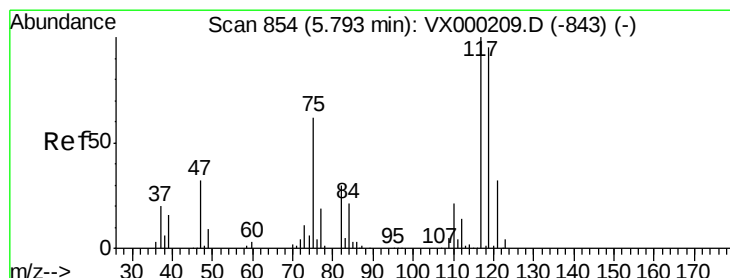
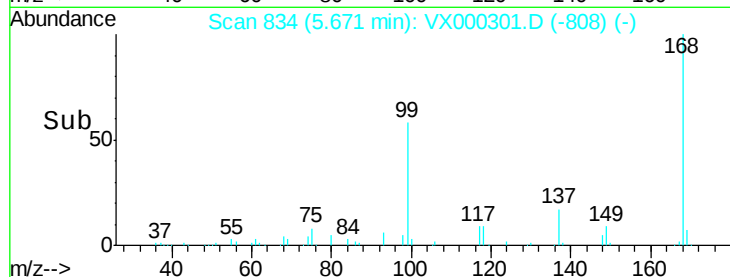
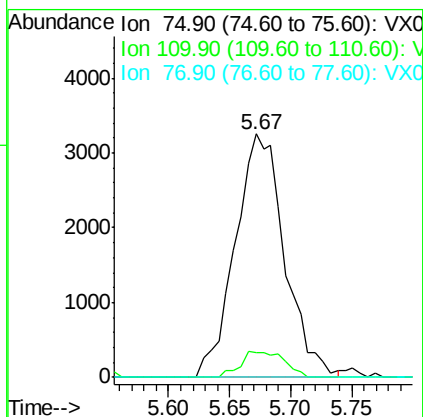
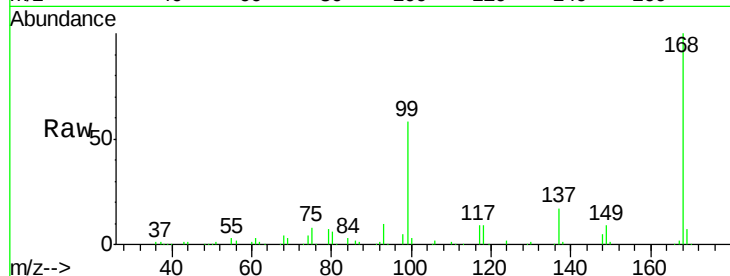




#36
 1,1-Dichloropropene
 Concen: 5.20 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.14 min
 Lab File: VX000301.D
 Acq: 13 Mar 2018 15:47

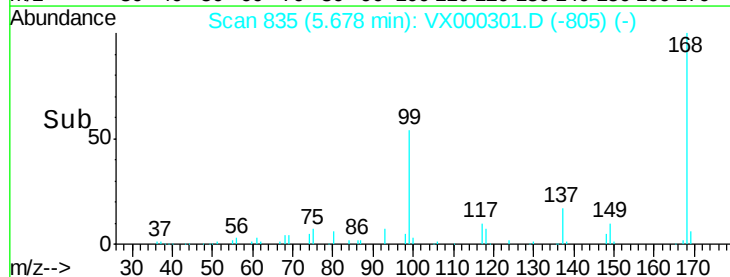
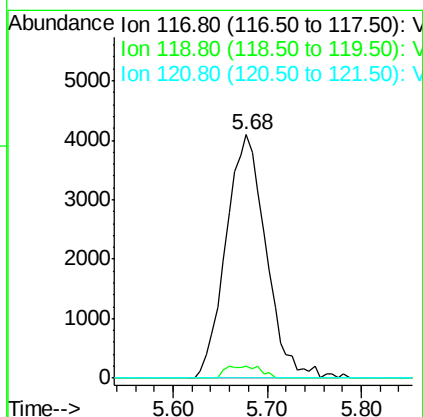
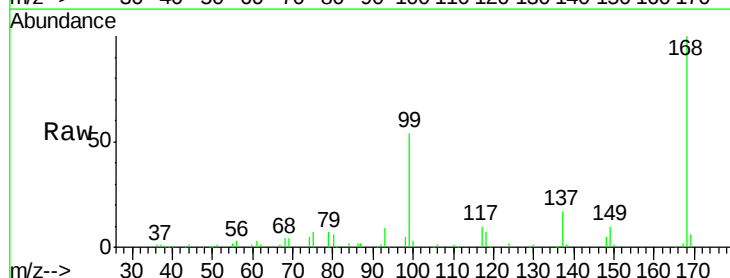
Instrument :
 MSVOA_X
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 TP-11

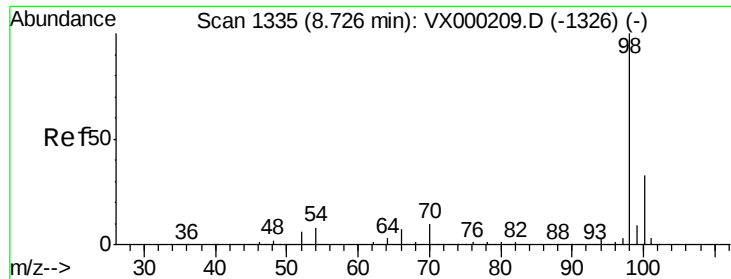
Tot Ion: 75 Resp: 9118
 Ion Ratio Lower Upper
 75 100
 110 9.3 17.8 53.5#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.81 ug/l
 RT: 5.68 min Scan# 835
 Delta R.T. -0.12 min
 Lab File: VX000301.D
 Acq: 13 Mar 2018 15:47

Tgt Ion: 117 Resp: 12074
 Ion Ratio Lower Upper
 117 100
 119 5.0 75.9 113.9#
 121 0.0 25.8 38.6#

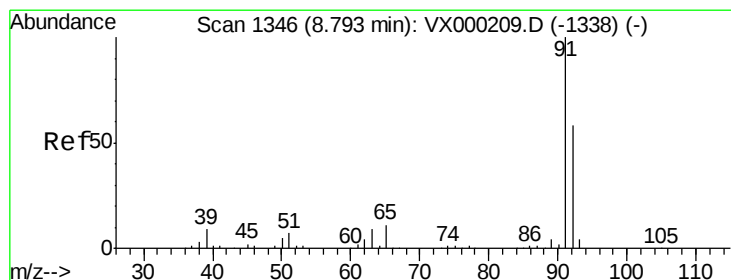
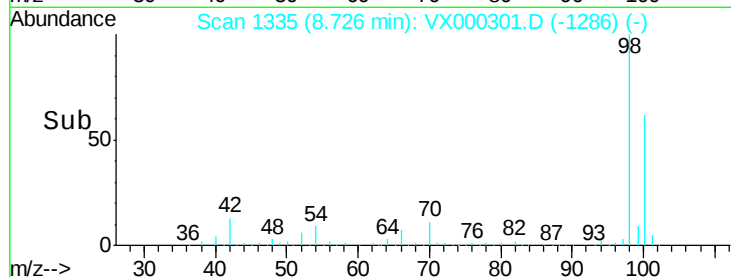
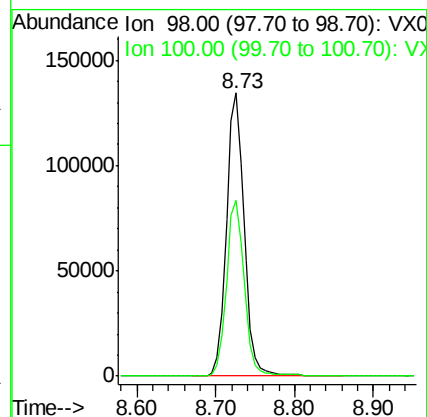
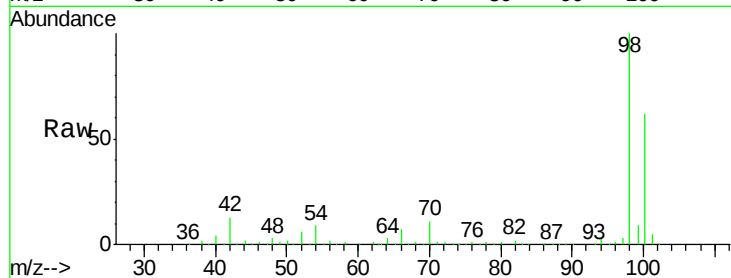




#50
Toluene-d8
Concen: 41.06 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000301.D
Acq: 13 Mar 2018 15:47

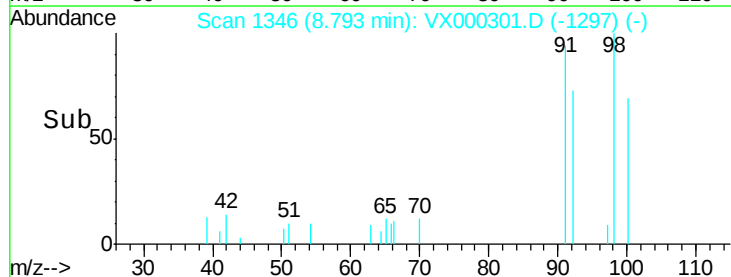
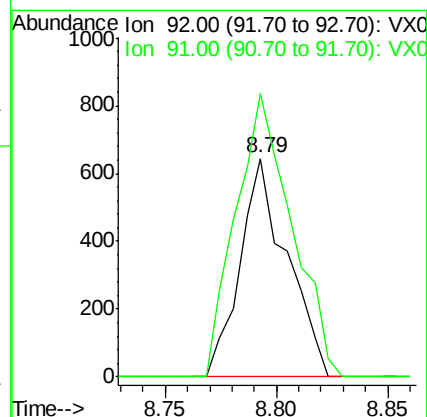
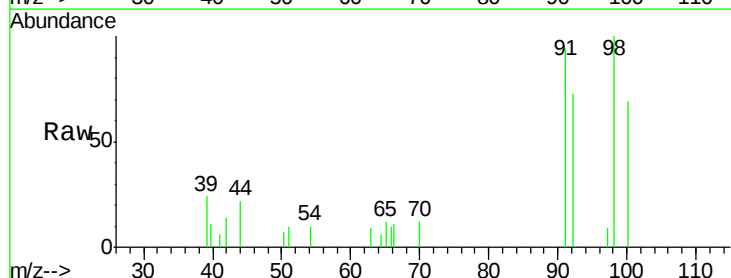
Instrument :
MSVOA_X
ClientSampled :
TP-11

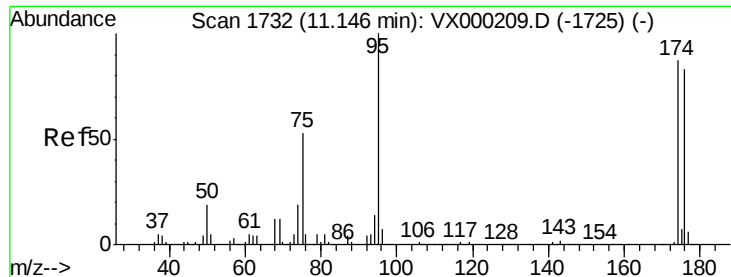
Tot Ion: 98 Resp: 210416
Ion Ratio Lower Upper
98 100
100 62.5 51.2 76.8



#52
Toluene
Concen: 0.27 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VX000301.D
Acq: 13 Mar 2018 15:47

Tgt Ion: 92 Resp: 945
Ion Ratio Lower Upper
92 100
91 154.5 139.0 208.6





#62

4-Bromofluorobenzene

Concen: 37.68 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000301.D

Acq: 13 Mar 2018 15:47

Instrument :

MSVOA_X

ClientSampleId :

TP-11

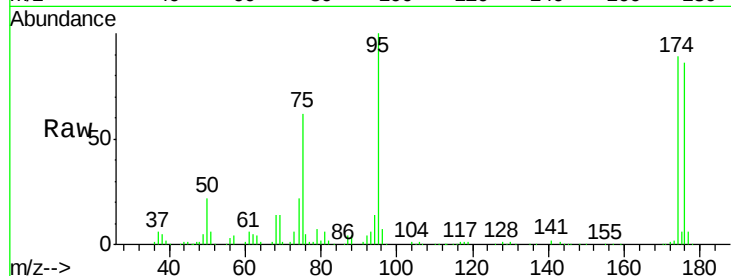
Tot Ion: 95 Resp: 75377

Ion Ratio Lower Upper

95 100

174 86.2 0.0 175.6

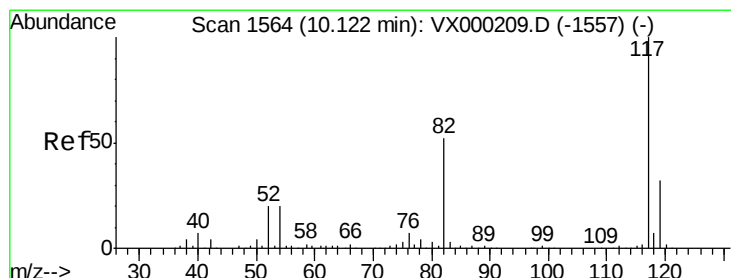
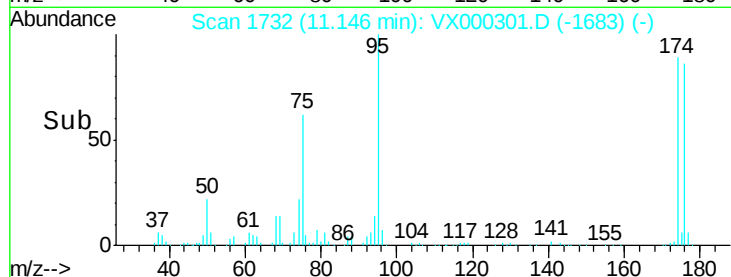
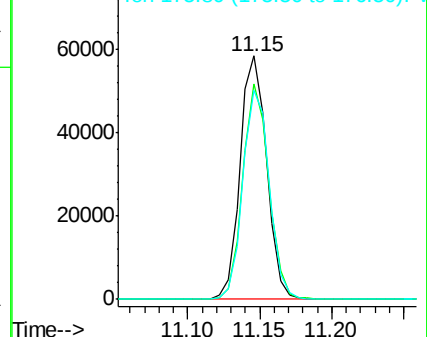
176 84.7 0.0 171.0



Abundance Ion 94.90 (94.60 to 95.60): VX000301.D (-1683) (-)

Ion 173.80 (173.50 to 174.50): VX000301.D (-1683) (-)

Ion 175.80 (175.50 to 176.50): VX000301.D (-1683) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000301.D

Acq: 13 Mar 2018 15:47

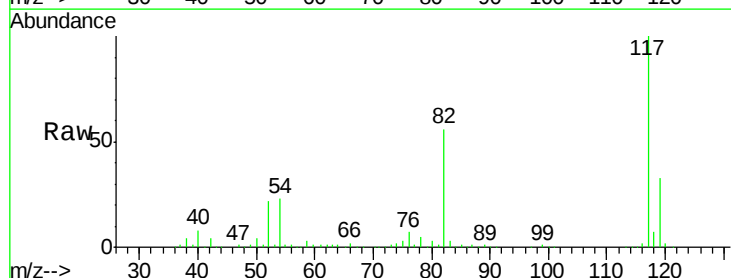
Tgt Ion: 117 Resp: 185791

Ion Ratio Lower Upper

117 100

82 56.3 42.0 63.0

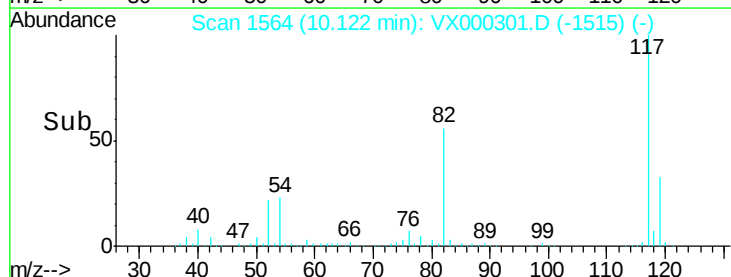
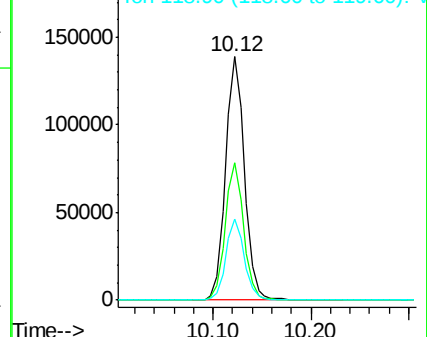
119 33.3 25.3 37.9

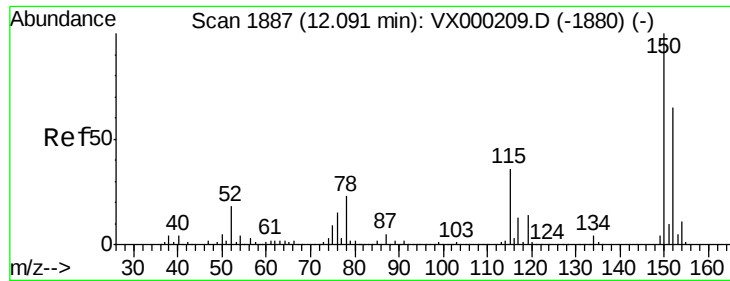


Abundance Ion 116.90 (116.60 to 117.60): VX000301.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX000301.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX000301.D (-1515) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000301.D

Acq: 13 Mar 2018 15:47

Instrument :

MSVOA_X

ClientSampleId :

TP-11

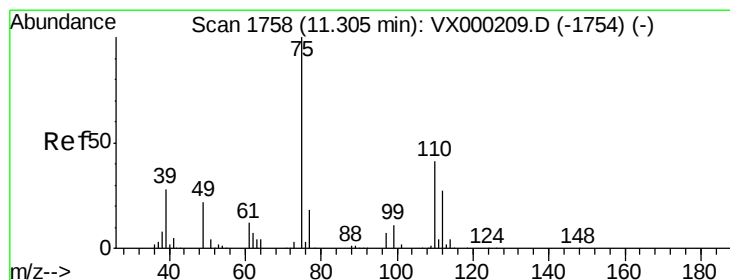
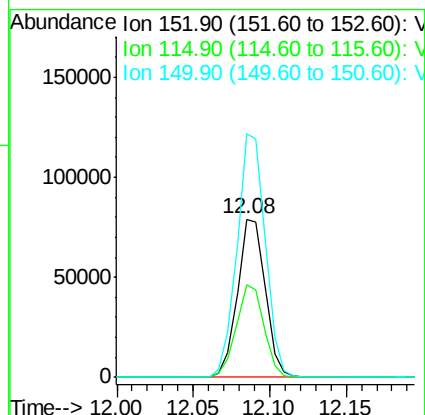
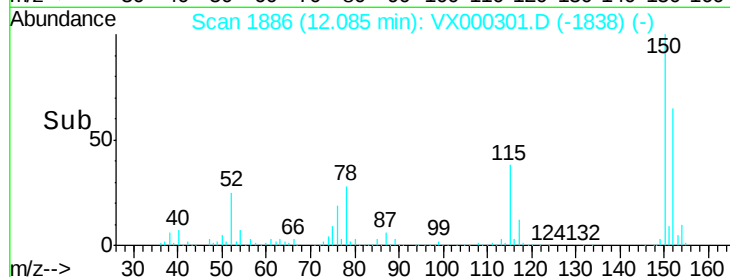
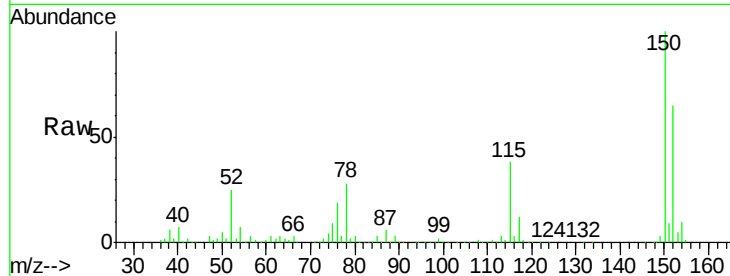
Tot Ion:152 Resp: 99209

Ion Ratio Lower Upper

152 100

115 58.3 39.8 119.3

150 156.7 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.08 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000301.D

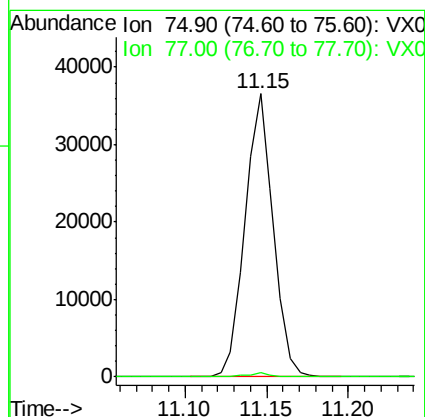
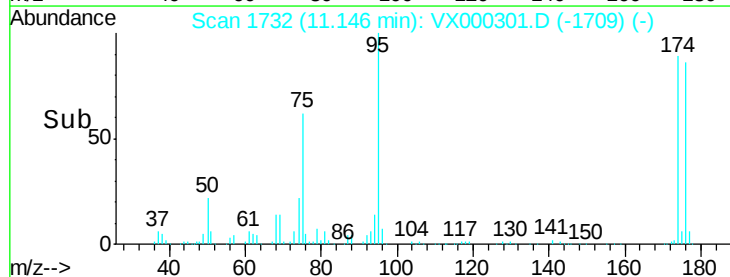
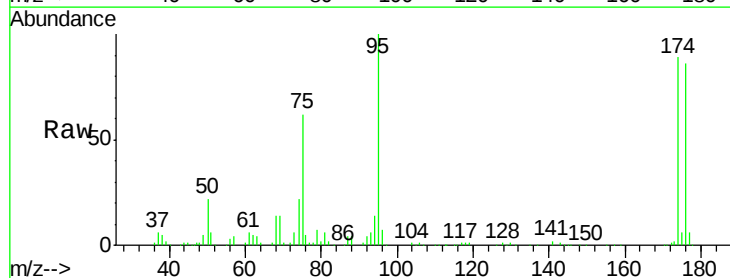
Acq: 13 Mar 2018 15:47

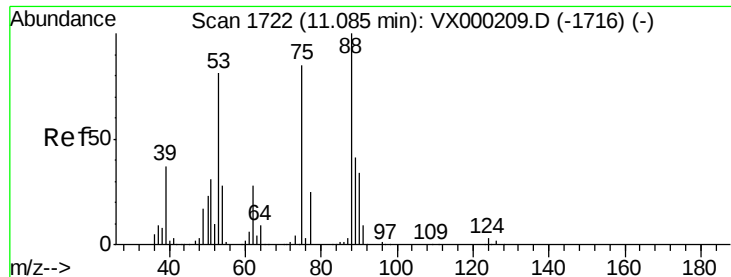
Tgt Ion: 75 Resp: 43910

Ion Ratio Lower Upper

75 100

77 1.1 22.3 66.8#





#81

trans-1,4-Dichloro-2-butene

Concen: 67.61 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.06 min

Lab File: VX000301.D

Acq: 13 Mar 2018 15:47

Instrument :

MSVOA_X

ClientSampleId :

TP-11

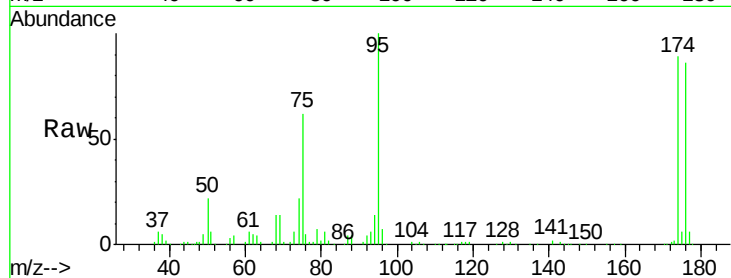
Tot Ion: 75 Resp: 43910

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

