

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051818\
 Data File : VX001822.D
 Acq On : 18 May 2018 13:17
 Operator : JC/MD
 Sample : VX0518WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 19 02:21:17 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	396999	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	612364	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	478319	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	274711	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	306616	57.62	ug/l	0.00
Spiked Amount			Recovery	=	115.24%	
35) Dibromofluoromethane	5.51	113	227173	43.96	ug/l	0.00
Spiked Amount			Recovery	=	87.92%	
50) Toluene-d8	8.72	98	989289	53.45	ug/l	0.00
Spiked Amount			Recovery	=	106.90%	
62) 4-Bromofluorobenzene	11.14	95	292316	43.86	ug/l	0.00
Spiked Amount			Recovery	=	87.72%	

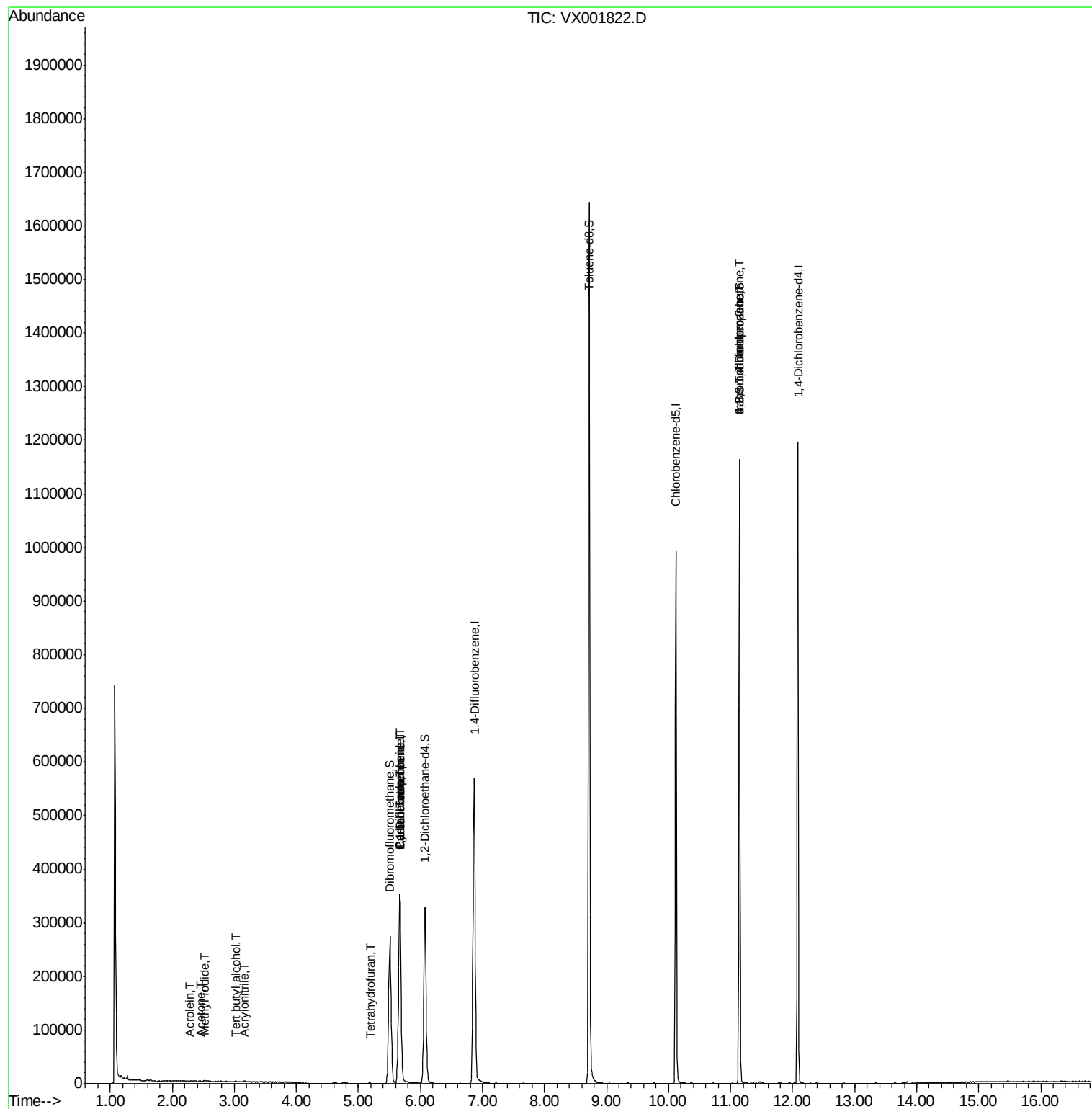
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	1128	Below Cal	#	78
10) Methyl Iodide	2.52	142	2347	0.63	ug/l	95
11) Tert butyl alcohol	3.03	59	971	1.03	ug/l	# 72
13) Acrolein	2.29	56	392	0.59	ug/l	# 79
15) Acrylonitrile	3.15	53	785	0.33	ug/l	# 86
16) Acetone	2.45	43	696	0.33	ug/l	# 57
29) Tetrahydrofuran	5.18	42	722	0.35	ug/l	# 68
31) Cyclohexane	5.66	56	5374	0.80	ug/l	# 1
36) 1,1-Dichloropropene	5.67	75	21797	3.09	ug/l	# 49
38) Carbon Tetrachloride	5.67	117	32354	4.38	ug/l	# 15
76) 1,2,3-Trichloropropane	11.14	75	137180	26.26	ug/l	# 39
81) trans-1,4-Dichloro-2-buten	11.14	75	137180	76.39	ug/l	# 10

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

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 19 02:21:17 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
Quant Title : SW846 8260
QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001822.D

Acq: 18 May 2018 13:17

Instrument :

MSVOA_X

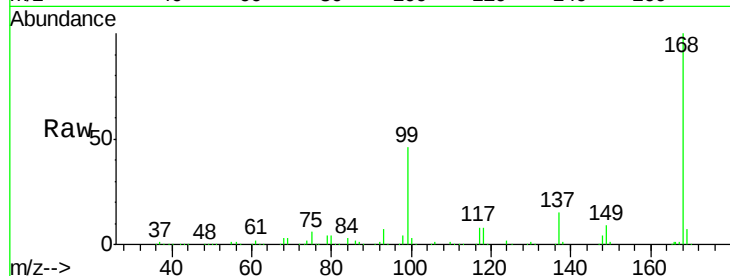
ClientSampleId :

Tot Ion:168 Resp: 396999

Ion Ratio Lower Upper

168 100

99 45.8 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

150000

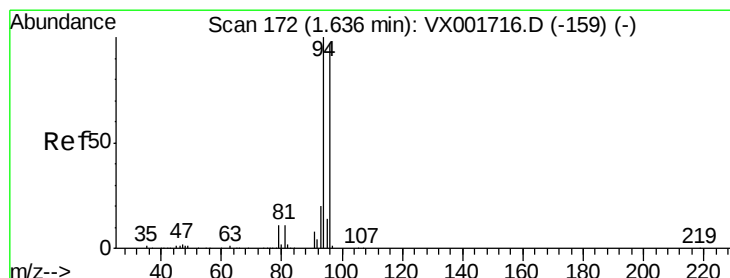
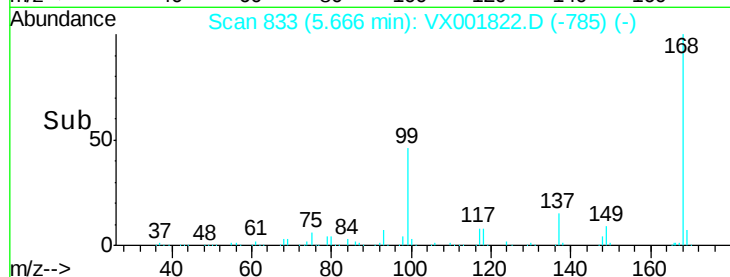
100000

50000

0

5.60 5.80

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001822.D

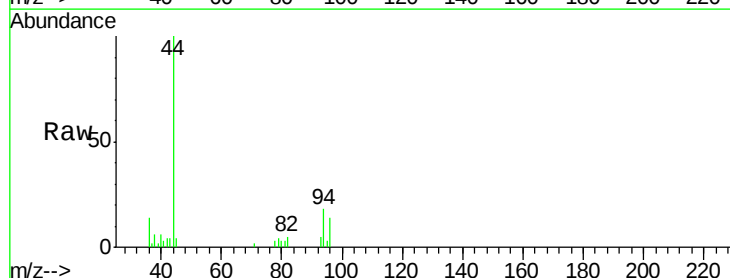
Acq: 18 May 2018 13:17

Tgt Ion: 94 Resp: 1128

Ion Ratio Lower Upper

94 100

96 75.0 77.4 116.0#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

600

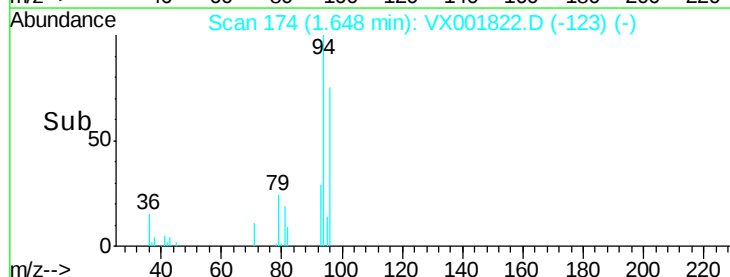
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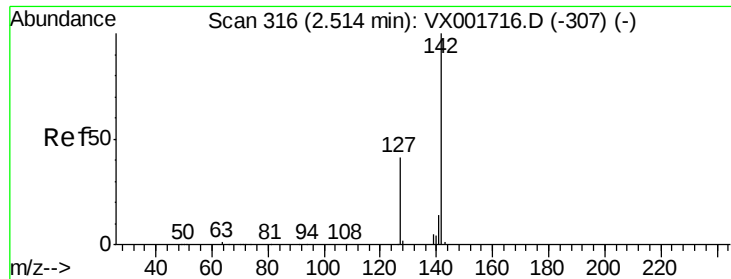
200

0

1.60 1.70

Time-->

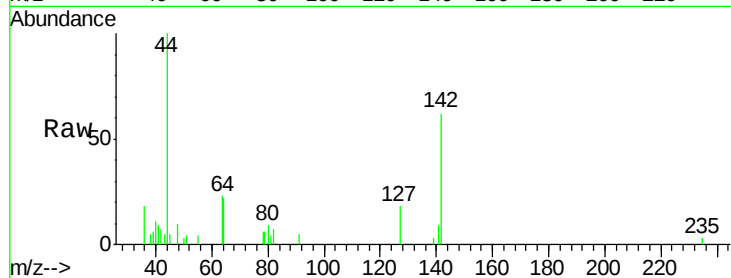




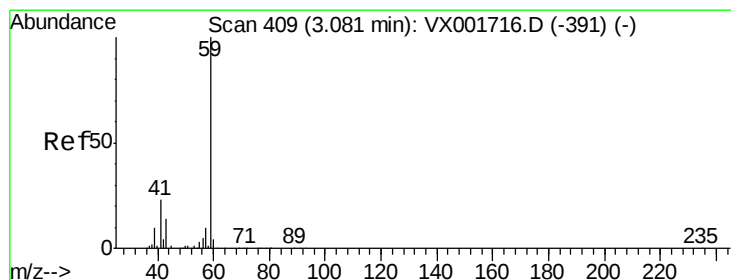
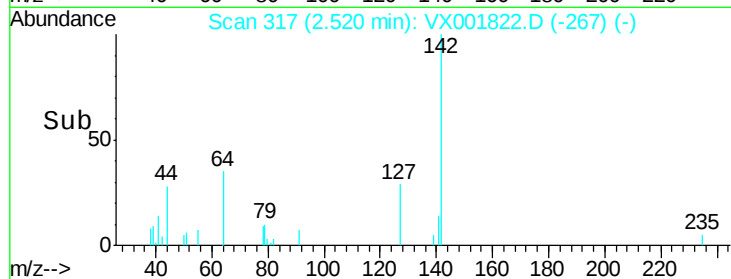
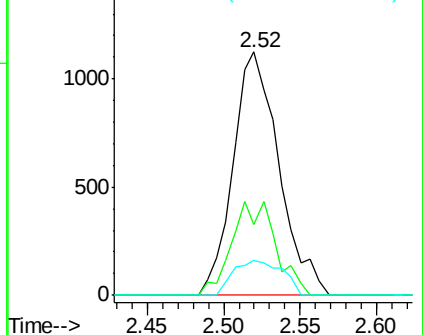
#10
Methvl Iodide
Concen: 0.63 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001822.D
Acq: 18 May 2018 13:17

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:142 Resp: 2347
Ion Ratio Lower Upper
142 100
127 36.9 32.5 48.7
141 15.1 11.4 17.0

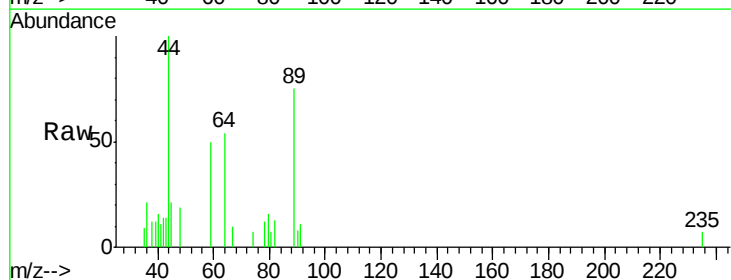


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

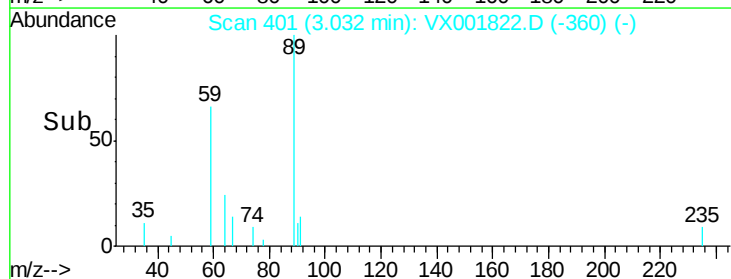
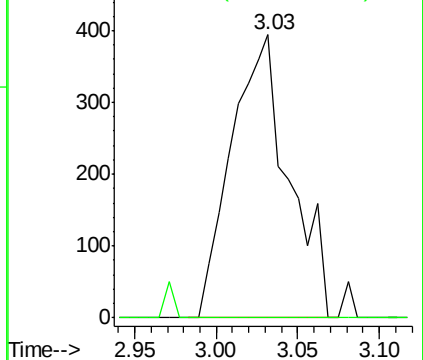


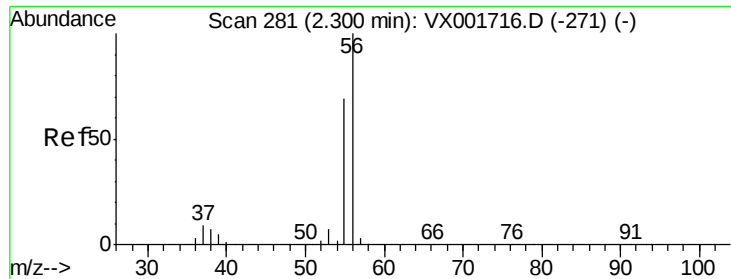
#11
Tert butyl alcohol
Concen: 1.03 ug/l
RT: 3.03 min Scan# 401
Delta R.T. -0.05 min
Lab File: VX001822.D
Acq: 18 May 2018 13:17

Tgt Ion: 59 Resp: 971
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



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





#13

Acrolein

Concen: 0.59 ug/l

RT: 2.29 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX001822.D

Acq: 18 May 2018 13:17

Instrument :

MSVOA_X

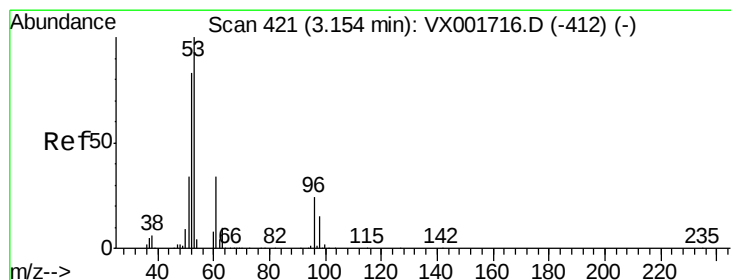
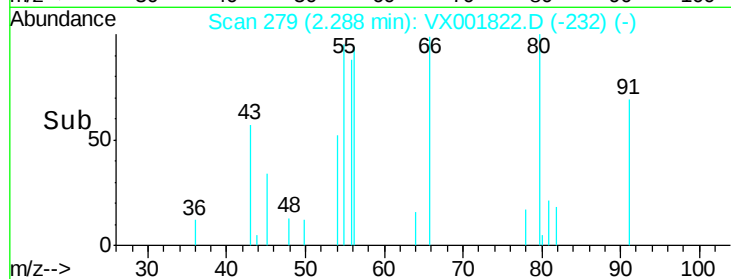
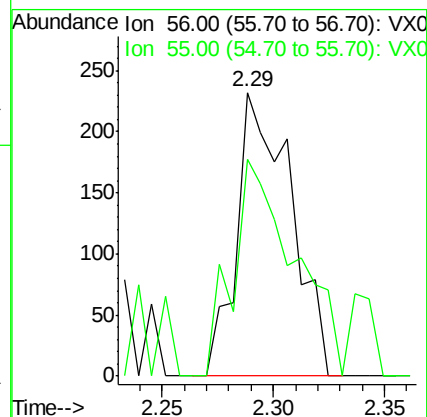
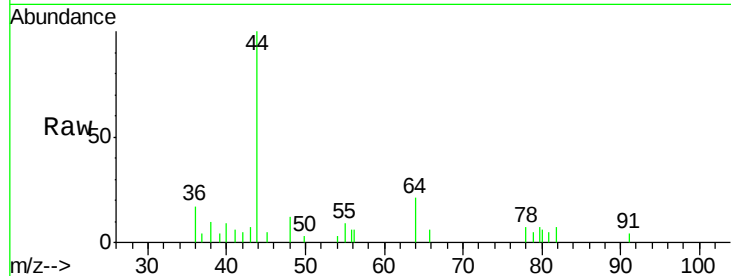
ClientSampled :

Tot Ion: 56 Resp: 392

Ion Ratio Lower Upper

56 100

55 87.8 56.2 84.2#



#15

Acrylonitrile

Concen: 0.33 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001822.D

Acq: 18 May 2018 13:17

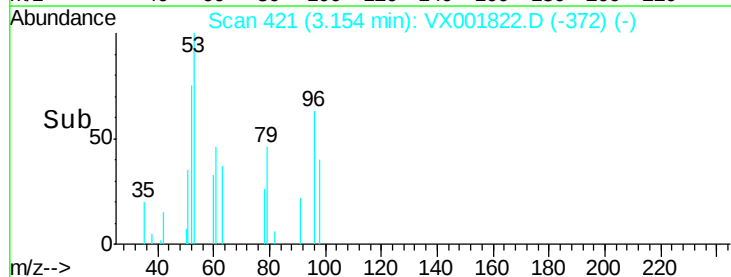
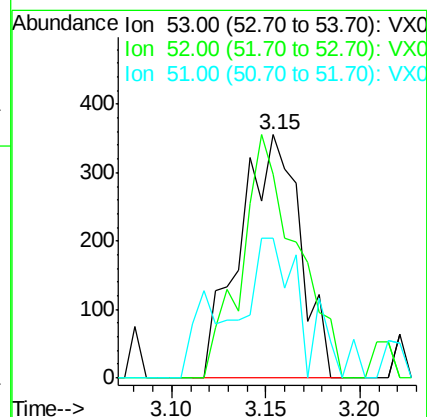
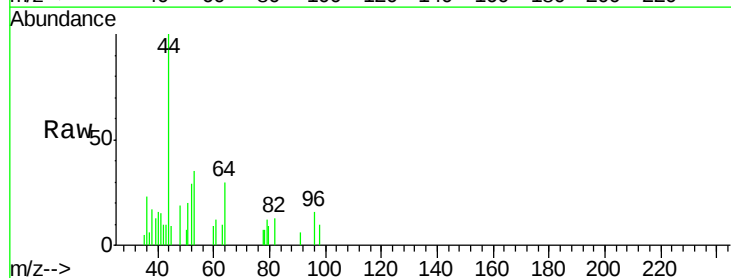
Tgt Ion: 53 Resp: 785

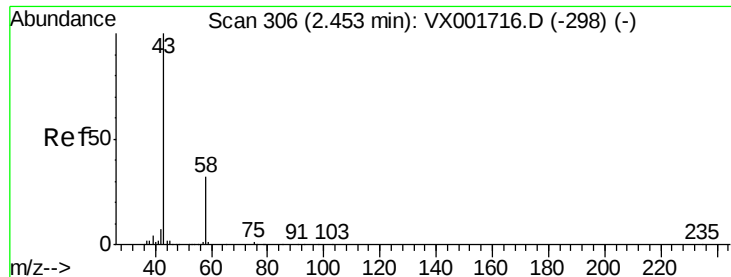
Ion Ratio Lower Upper

53 100

52 91.5 65.6 98.4

51 48.3 28.1 42.1#





#16

Acetone

Concen: 0.33 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001822.D

Acq: 18 May 2018 13:17

Instrument :

MSVOA_X

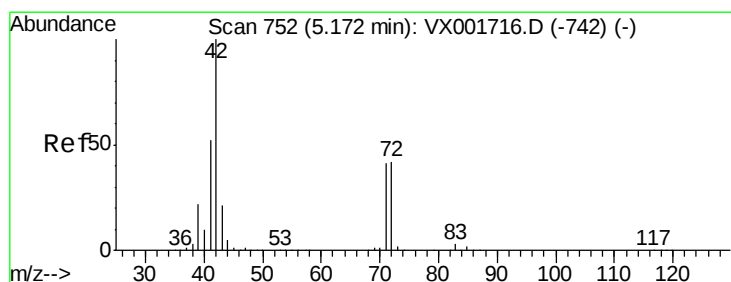
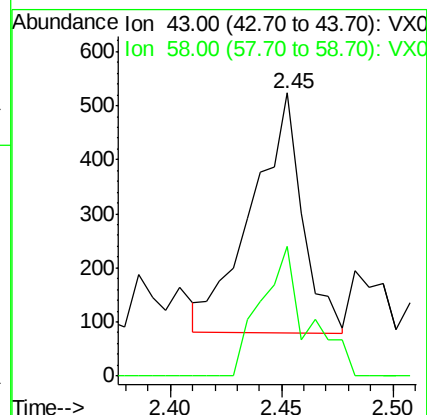
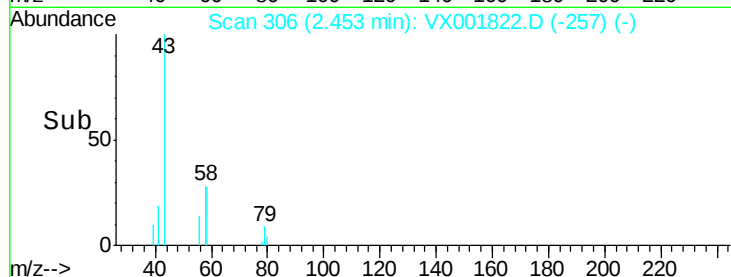
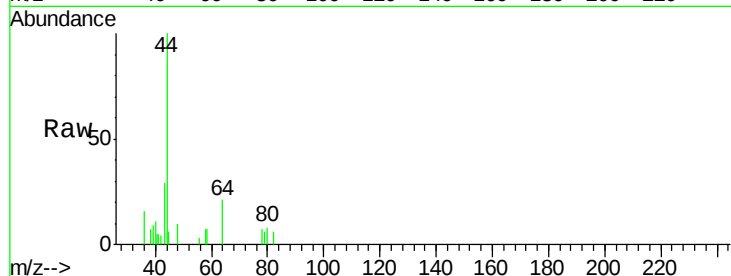
ClientSampled :

Tot Ion: 43 Resp: 696

Ion Ratio Lower Upper

43 100

58 55.3 25.3 37.9#



#29

Tetrahydrofuran

Concen: 0.35 ug/l

RT: 5.18 min Scan# 754

Delta R.T. 0.01 min

Lab File: VX001822.D

Acq: 18 May 2018 13:17

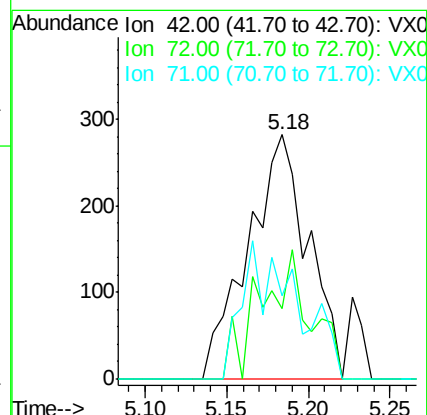
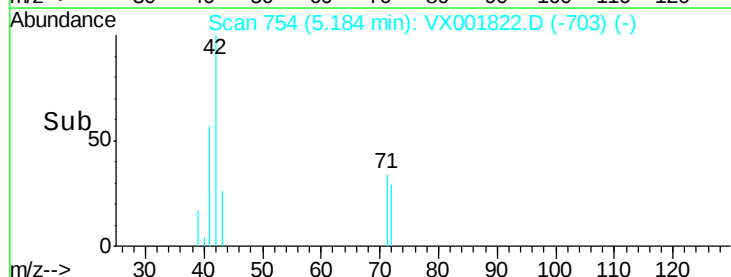
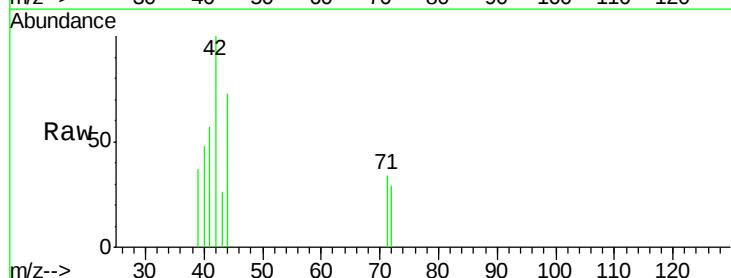
Tgt Ion: 42 Resp: 722

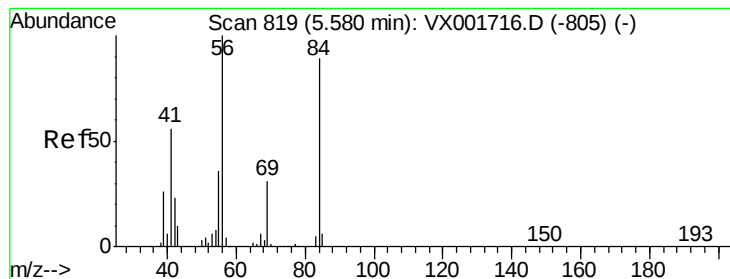
Ion Ratio Lower Upper

42 100

72 43.6 35.4 53.2

71 0.0 33.2 49.8#





#31

Cyclohexane

Concen: 0.80 ug/l

RT: 5.66 min Scan# 832

Delta R.T. 0.08 min

Lab File: VX001822.D

Acq: 18 May 2018 13:17

Instrument :

MSVOA_X

ClientSampled :

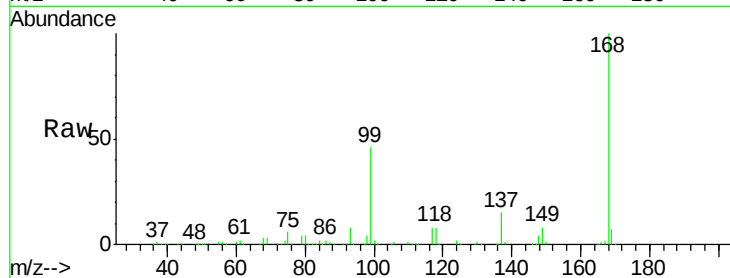
Tot Ion: 56 Resp: 5374

Ion Ratio Lower Upper

56 100

69 168.7 25.0 37.6#

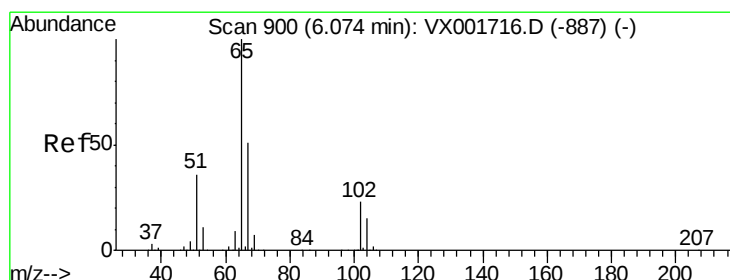
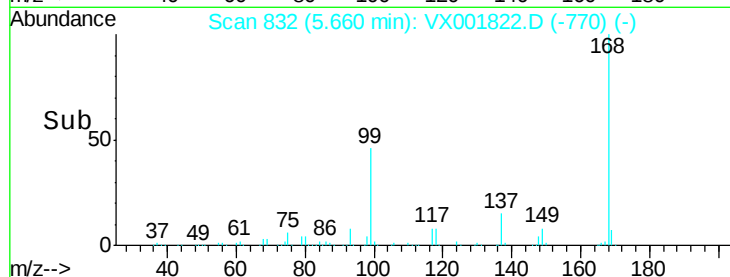
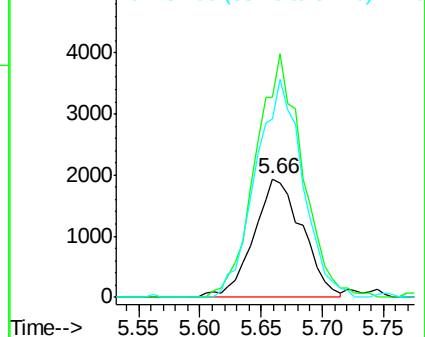
84 150.5 71.0 106.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 57.62 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001822.D

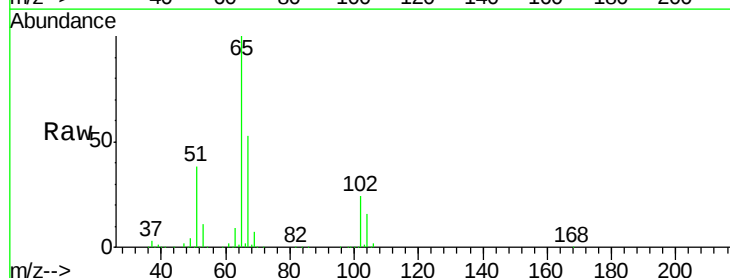
Acq: 18 May 2018 13:17

Tgt Ion: 65 Resp: 306616

Ion Ratio Lower Upper

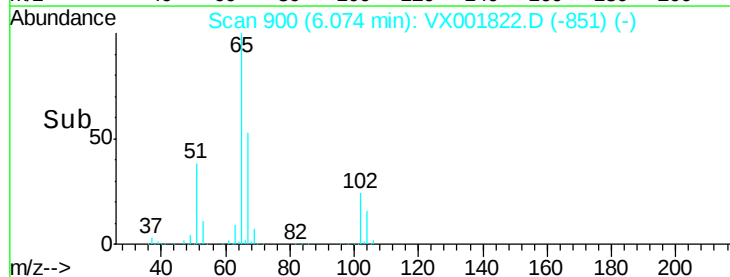
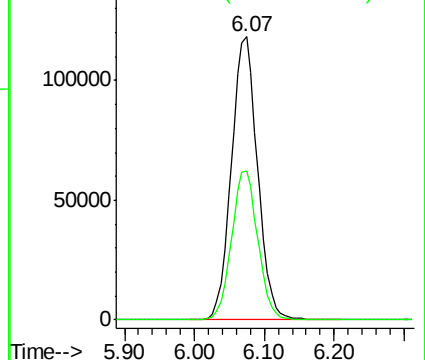
65 100

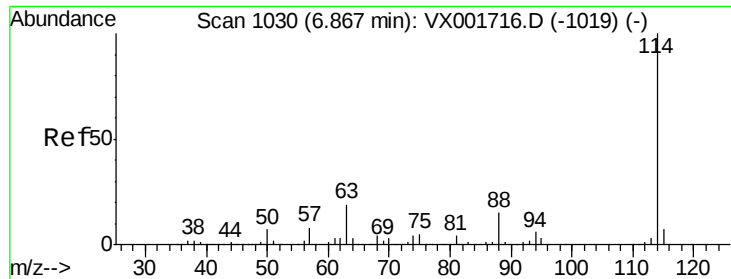
67 52.8 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

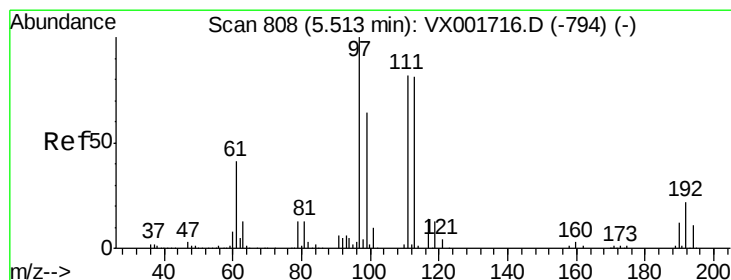
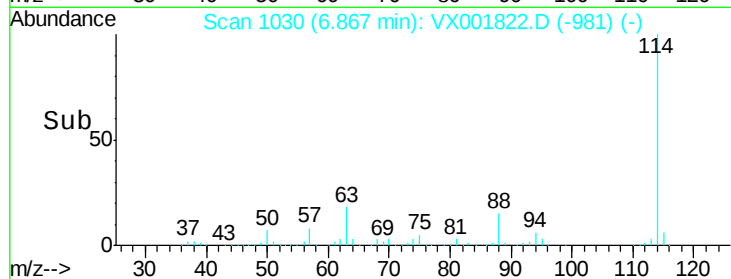
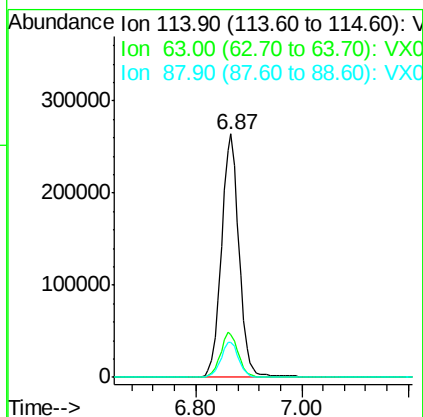
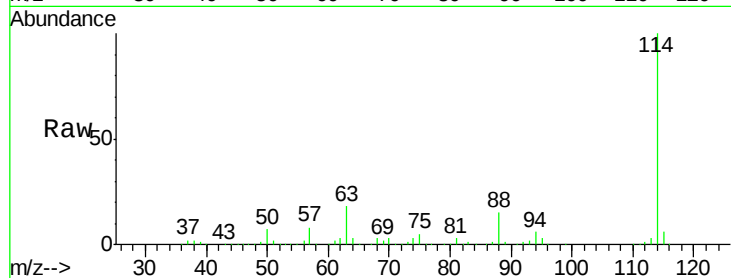




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001822.D
 Acq: 18 May 2018 13:17

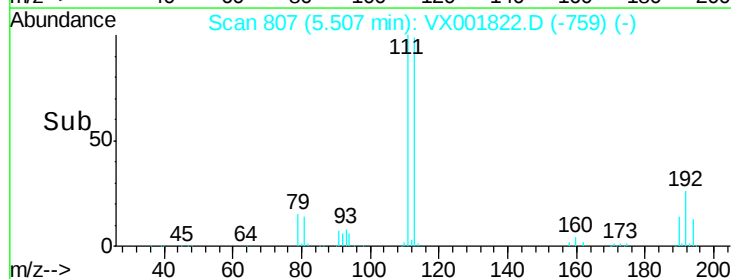
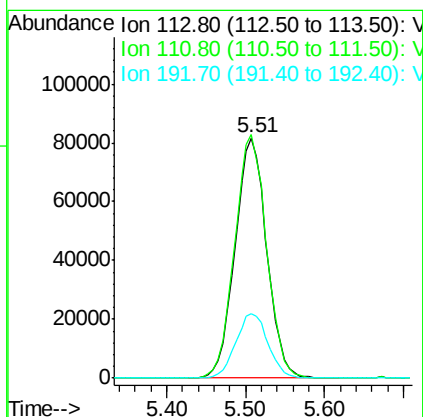
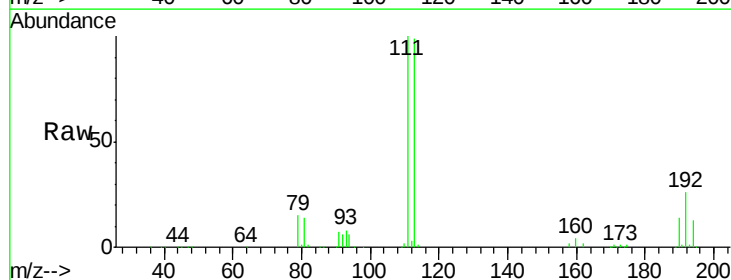
Instrument :
 MSVOA_X
 ClientSampleId :

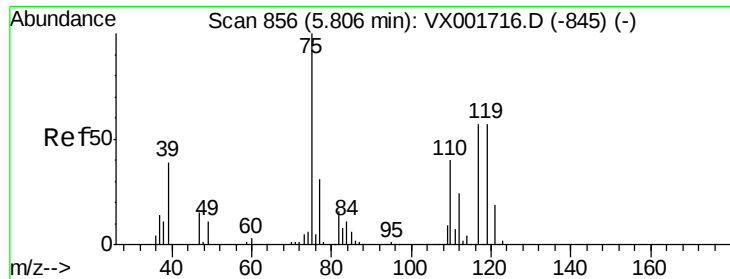
Tot Ion:114 Resp: 612364
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 37.0
 88 14.6 0.0 29.8



#35
 Dibromofluoromethane
 Concen: 43.96 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX001822.D
 Acq: 18 May 2018 13:17

Tgt Ion:113 Resp: 227173
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.0 123.0
 192 27.4 21.6 32.4

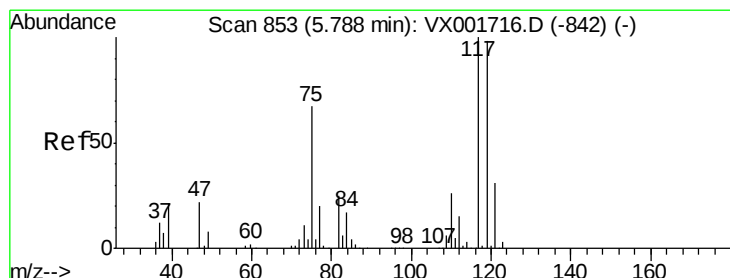
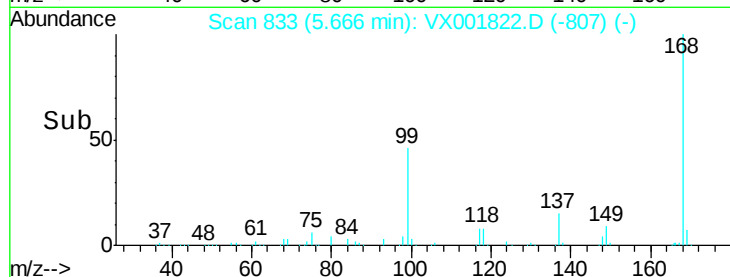
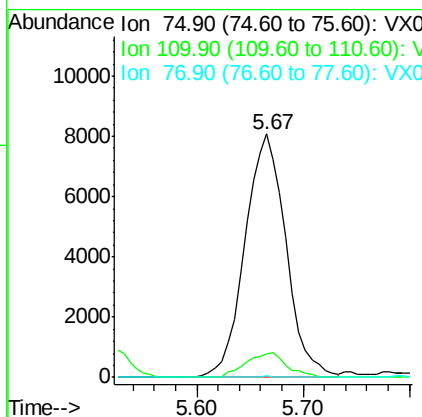
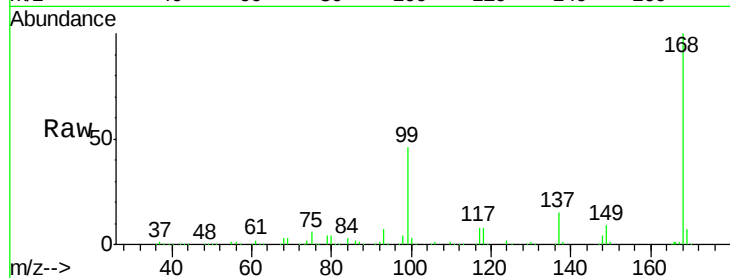




#36
 1,1-Dichloropropene
 Concen: 3.09 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX001822.D
 Acq: 18 May 2018 13:17

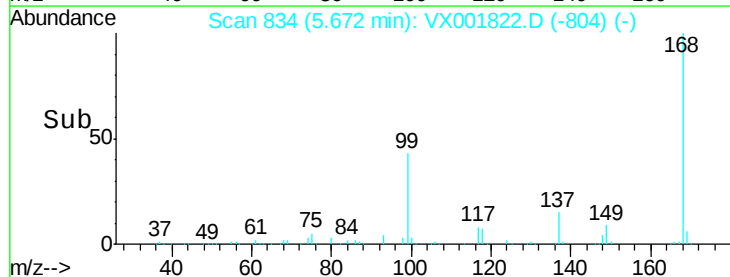
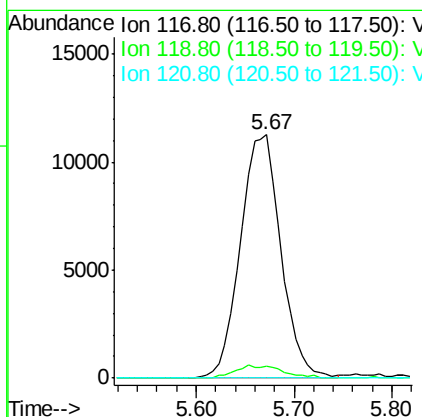
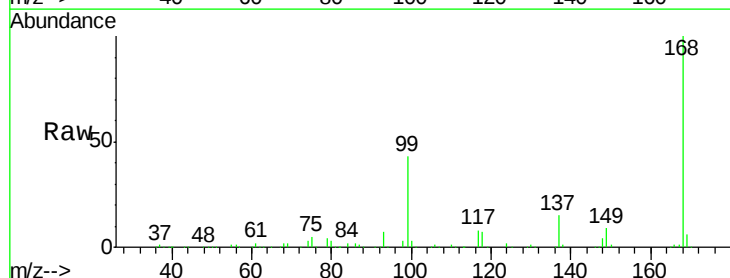
Instrument :
 MSVOA_X
 ClientSampled :

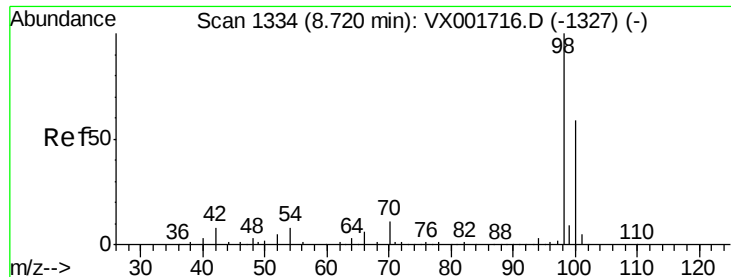
Tot Ion: 75 Resp: 21797
 Ion Ratio Lower Upper
 75 100
 110 10.1 19.1 57.1#
 77 0.1 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 4.38 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX001822.D
 Acq: 18 May 2018 13:17

Tgt Ion: 117 Resp: 32354
 Ion Ratio Lower Upper
 117 100
 119 4.7 77.6 116.4#
 121 0.0 24.6 36.8#

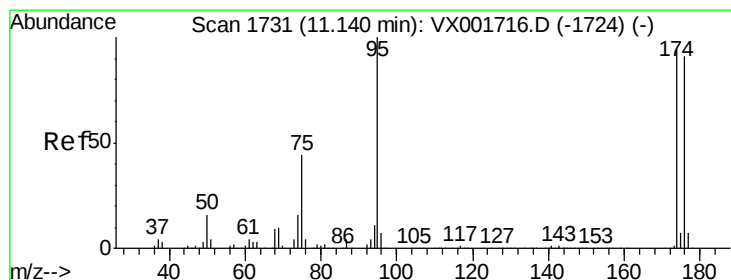
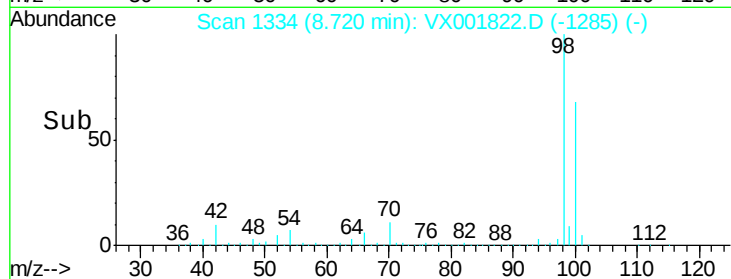
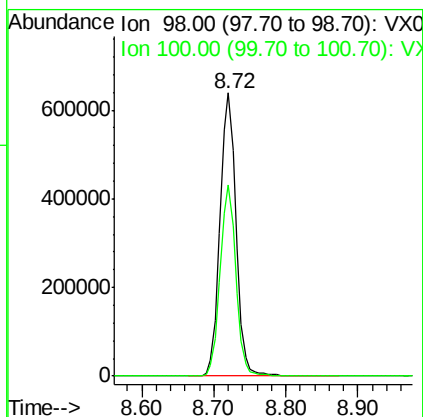
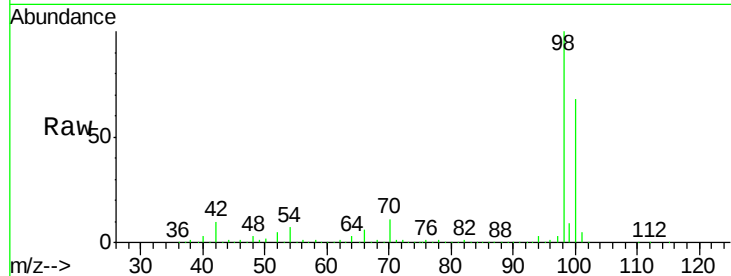




#50
Toluene-d8
Concen: 53.45 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001822.D
Acq: 18 May 2018 13:17

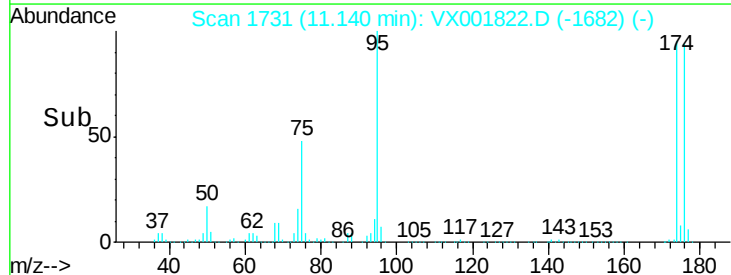
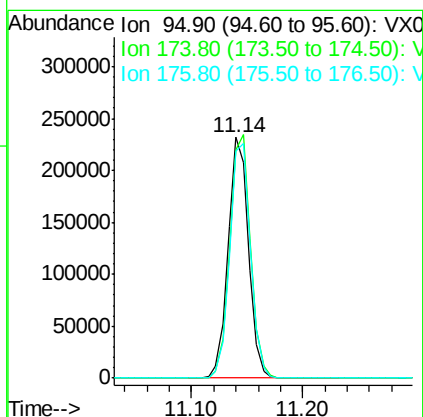
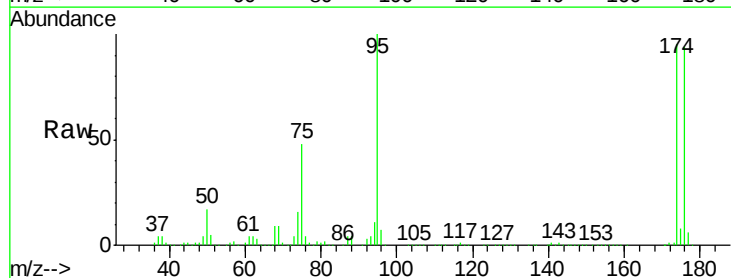
Instrument :
MSVOA_X
ClientSampleId :

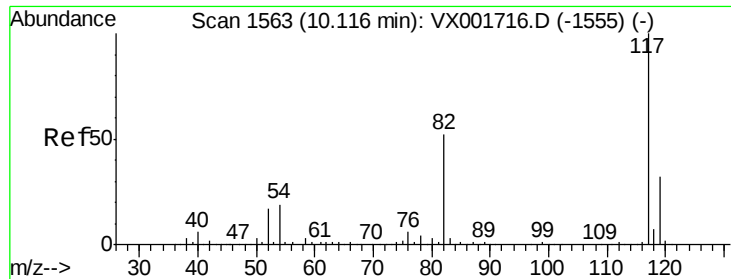
Tot Ion: 98 Resp: 989289
Ion Ratio Lower Upper
98 100
100 66.6 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 43.86 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001822.D
Acq: 18 May 2018 13:17

Tgt Ion: 95 Resp: 292316
Ion Ratio Lower Upper
95 100
174 102.8 0.0 201.8
176 99.8 0.0 196.8





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX001822.D

Acq: 18 May 2018 13:17

Instrument :

MSVOA_X

ClientSampleId :

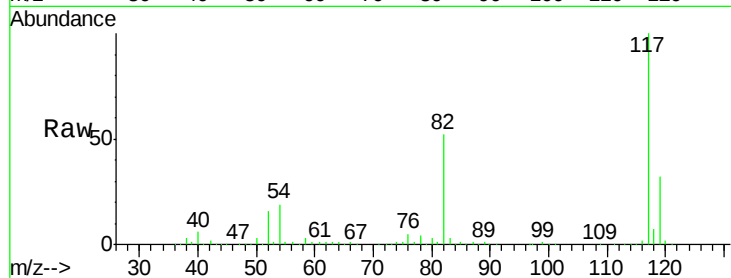
Tot Ion:117 Resp: 478319

Ion Ratio Lower Upper

117 100

82 52.0 41.4 62.2

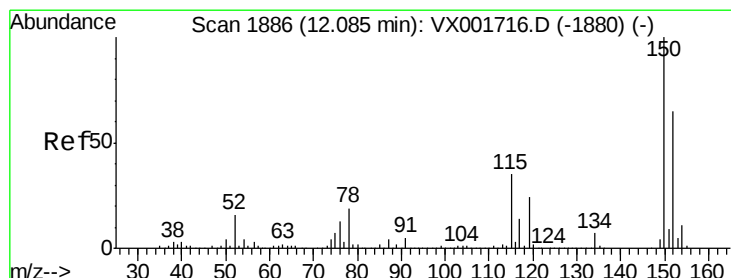
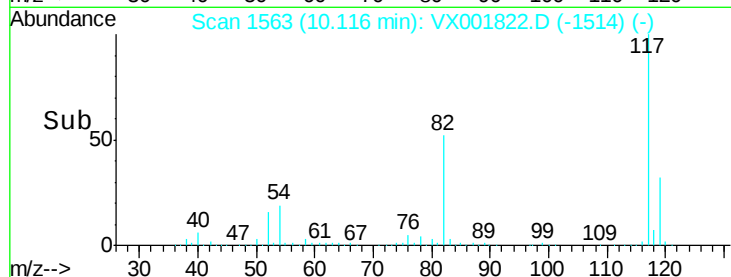
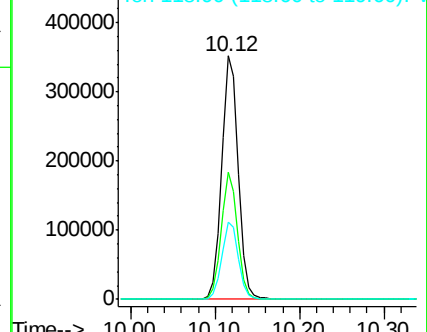
119 31.8 25.6 38.4



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. 0.00 min

Lab File: VX001822.D

Acq: 18 May 2018 13:17

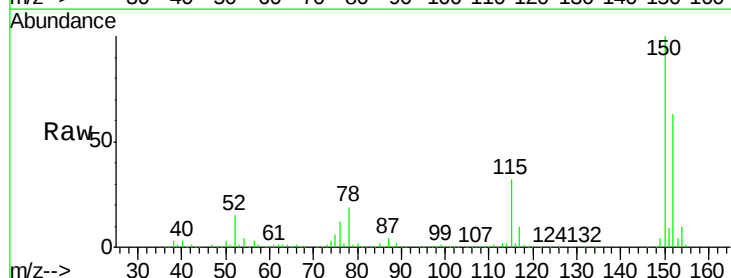
Tgt Ion:152 Resp: 274711

Ion Ratio Lower Upper

152 100

115 51.6 37.4 112.2

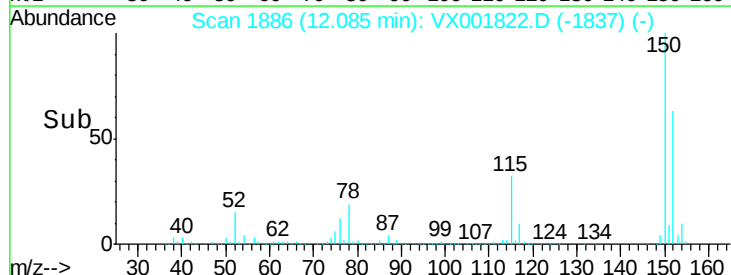
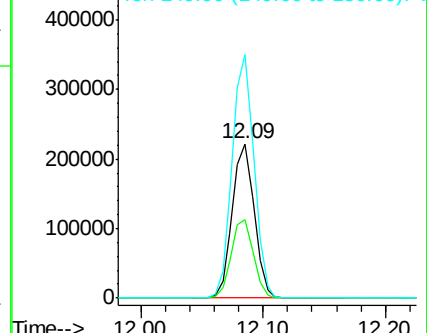
150 157.0 0.0 344.8

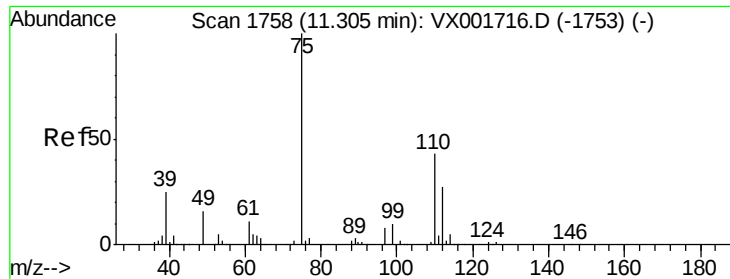


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

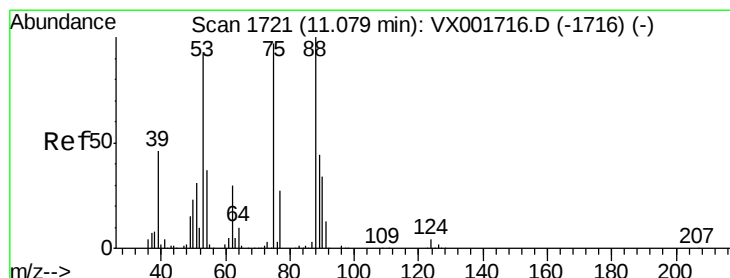
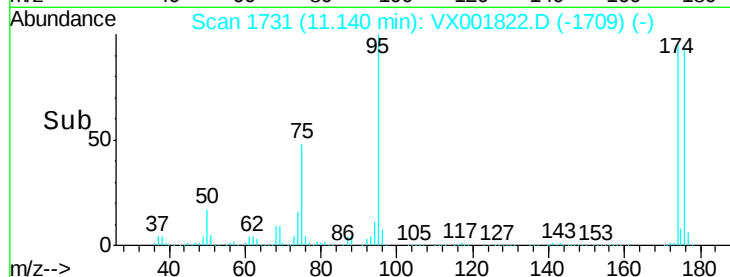
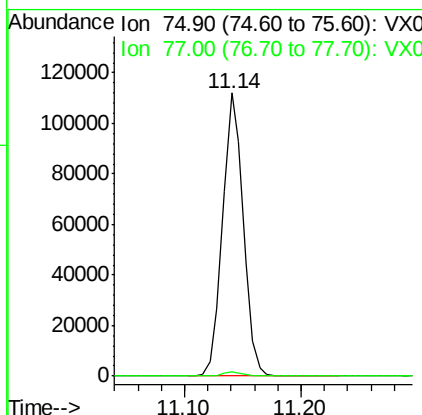
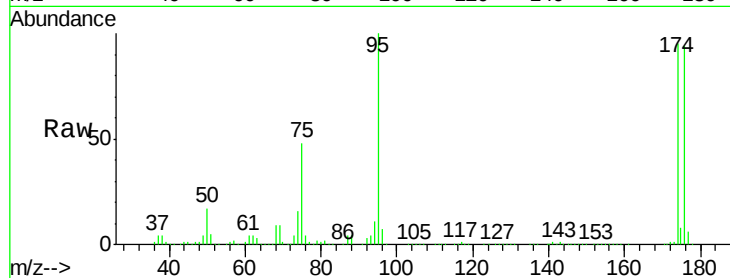




#76
 1,2,3-Trichloropropane
 Concen: 26.26 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001822.D
 Acq: 18 May 2018 13:17

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 137180
 Ion Ratio Lower Upper
 75 100
 77 1.2 18.9 56.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.39 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001822.D
 Acq: 18 May 2018 13:17

Tgt Ion: 75 Resp: 137180
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.4 119.2#
 89 0.0 38.8 58.2#

