

Data Path : W:\HPCHEM1\MSVOA X\DATA\ VX042518\
 Data File : VX001114.D
 Acq On : 25 Apr 2018 11:52
 Operator : JC/MD
 Sample : VX0425MBL01
 Misc : 5.00g/10mL/100uL/5mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 25 13:54:01 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	245543	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	346856	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	305336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	176437	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	164481	52.84	ug/l	0.00
Spiked Amount			Recovery	=	105.68%	
35) Dibromofluoromethane	5.51	113	125644	47.50	ug/l	0.00
Spiked Amount			Recovery	=	95.00%	
50) Toluene-d8	8.72	98	477292	48.80	ug/l	0.00
Spiked Amount			Recovery	=	97.60%	
62) 4-Bromofluorobenzene	11.14	95	166645	40.60	ug/l	0.00
Spiked Amount			Recovery	=	81.20%	

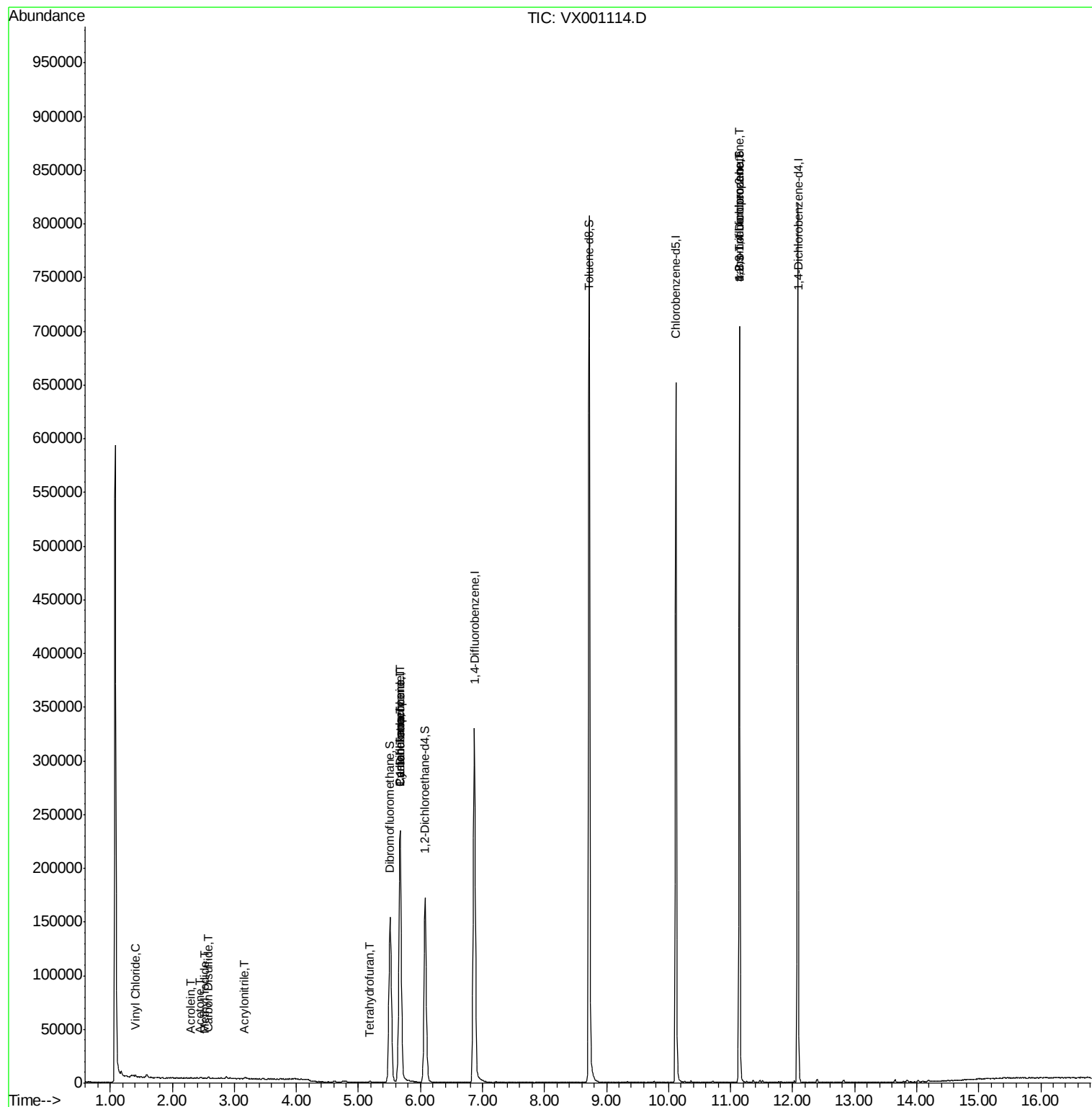
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	1388	0.472	ug/l	98
5) Bromomethane	1.65	94	261	Below Cal	#	48
10) Methyl Iodide	2.53	142	180	7.660	ug/l #	77
13) Acrolein	2.29	56	187	12.157	ug/l #	27
15) Acrylonitrile	3.16	53	696	0.548	ug/l #	85
16) Acetone	2.44	43	311	0.265	ug/l #	84
17) Carbon Disulfide	2.57	76	1403	0.206	ug/l #	89
20) Methylene Chloride	2.86	84	609	Below Cal	#	67
29) Tetrahydrofuran	5.18	42	323	0.279	ug/l #	77
31) Cyclohexane	5.67	56	4433	1.010	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	15673	3.845	ug/l #	49
38) Carbon Tetrachloride	5.67	117	21632	5.241	ug/l #	15
76) 1,2,3-Trichloropropane	11.14	75	84701	27.670	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	84701	82.645	ug/l #	8

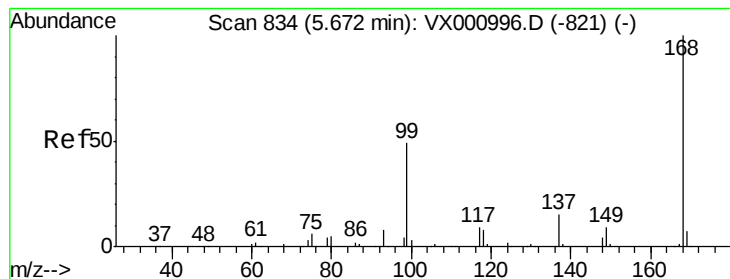
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001114.D

Acq: 25 Apr 2018 11:52

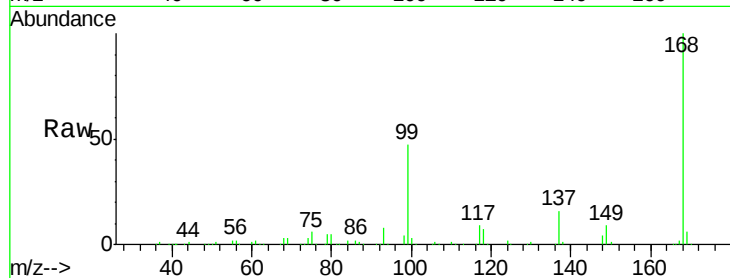
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 245543

Ion Ratio Lower Upper

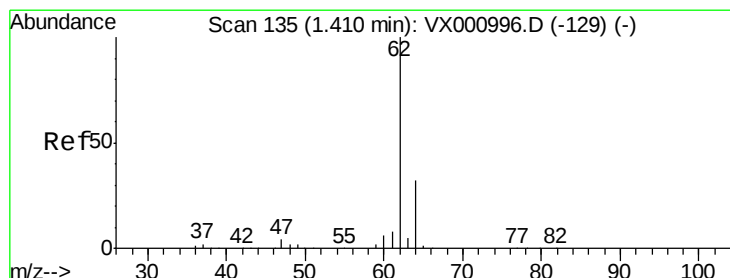
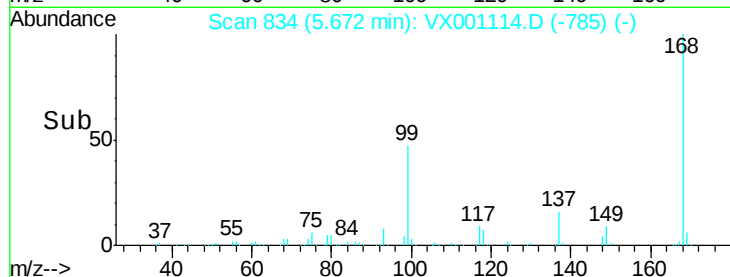
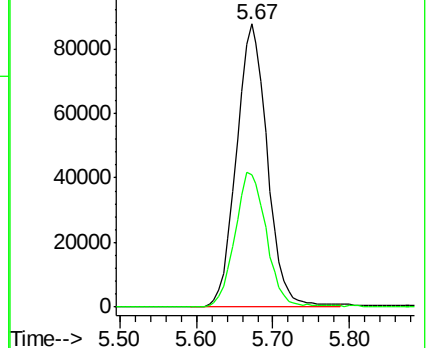
168 100

99 46.8 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 0.472 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX001114.D

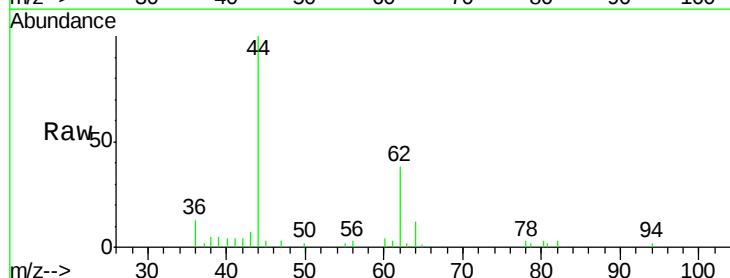
Acq: 25 Apr 2018 11:52

Tgt Ion: 62 Resp: 1388

Ion Ratio Lower Upper

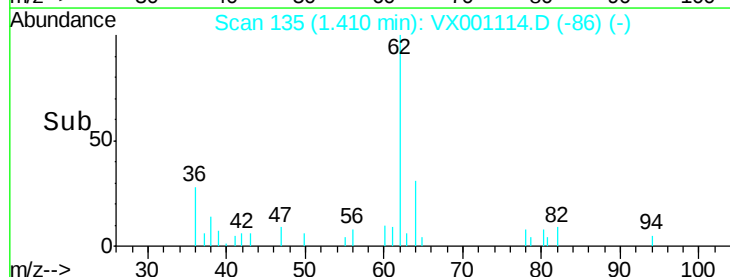
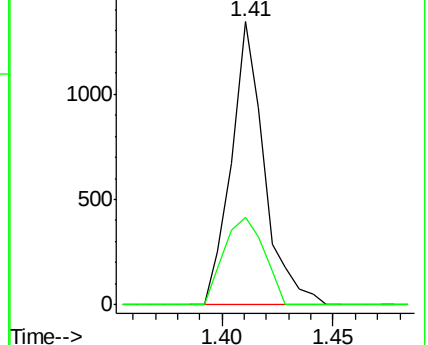
62 100

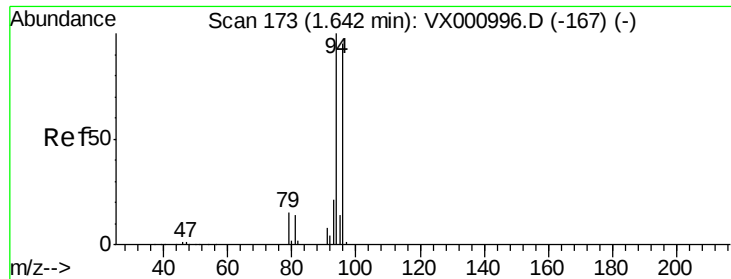
64 31.1 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.01 min

Lab File: VX001114.D

Acq: 25 Apr 2018 11:52

Instrument :

MSVOA_X

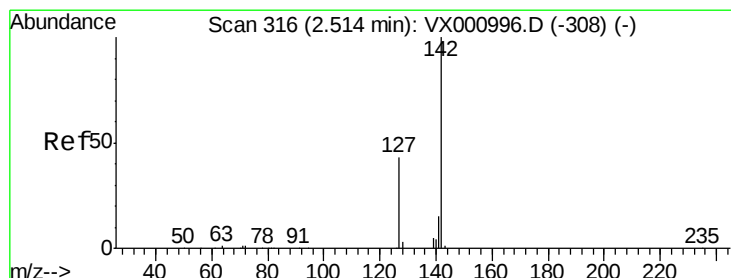
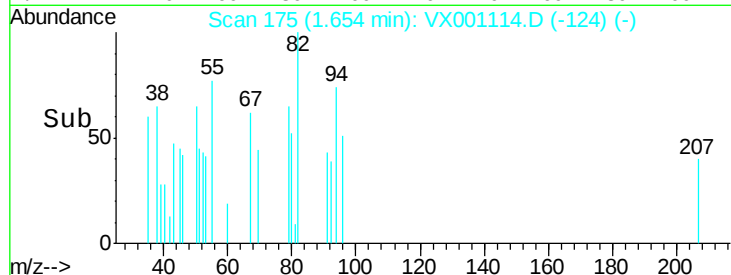
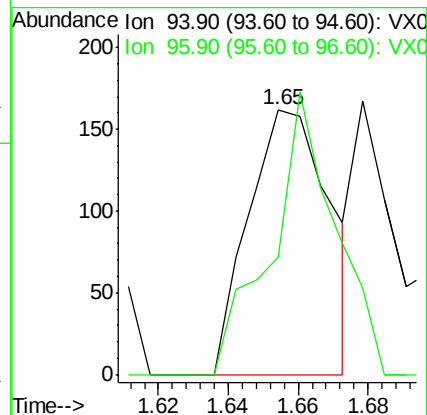
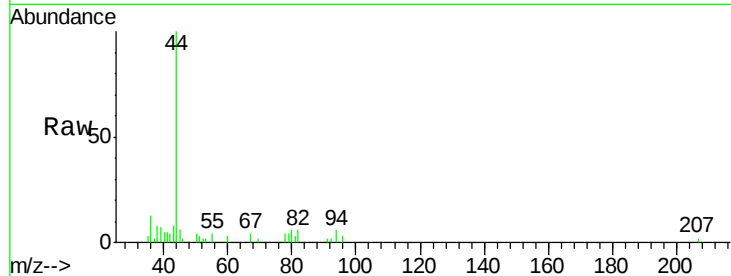
ClientSampleId :

Tot Ion: 94 Resp: 261

Ion Ratio Lower Upper

94 100

96 44.4 76.0 114.0#



#10

Methyl Iodide

Concen: 7.660 ug/l

RT: 2.53 min Scan# 318

Delta R.T. 0.01 min

Lab File: VX001114.D

Acq: 25 Apr 2018 11:52

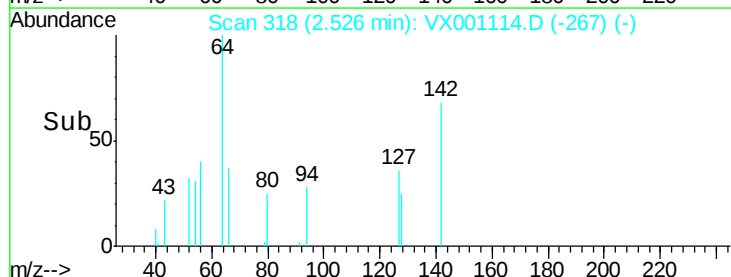
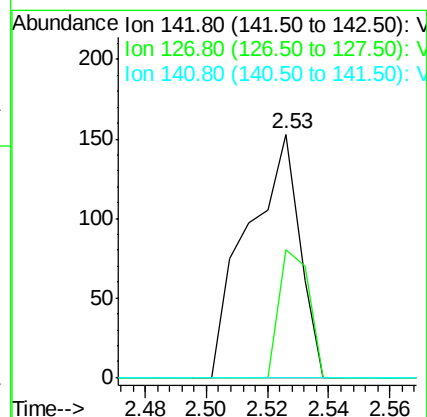
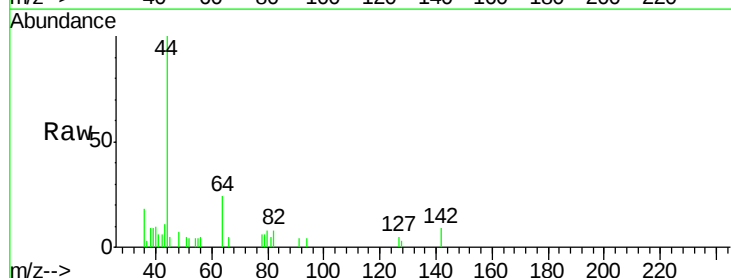
Tgt Ion: 142 Resp: 180

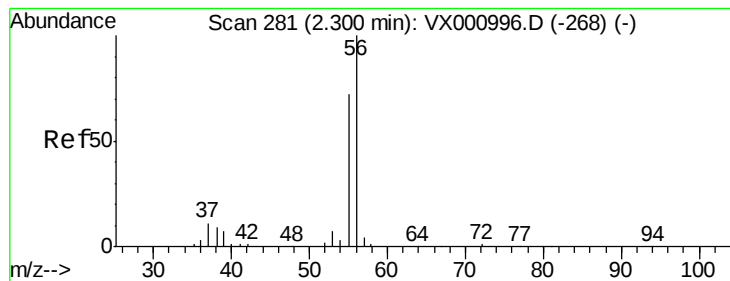
Ion Ratio Lower Upper

142 100

127 30.6 34.0 51.0#

141 0.0 11.4 17.2#





#13

Acrolein

Concen: 12.157 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001114.D

Acq: 25 Apr 2018 11:52

Instrument :

MSVOA_X

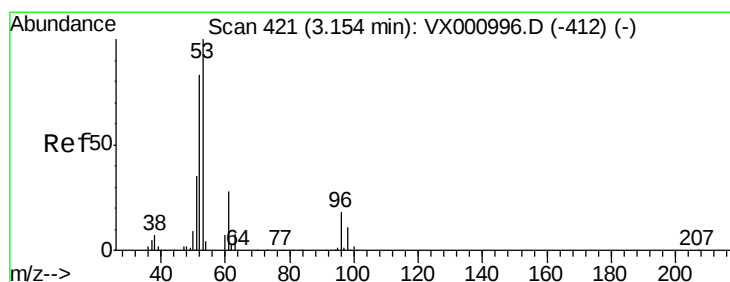
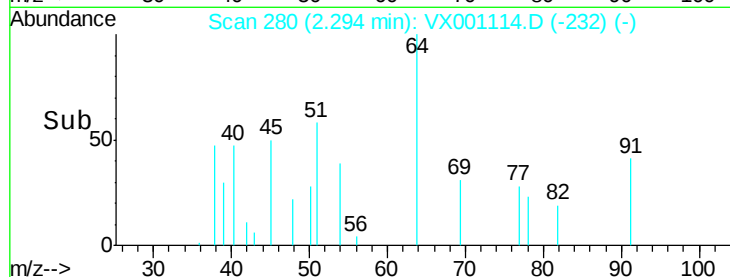
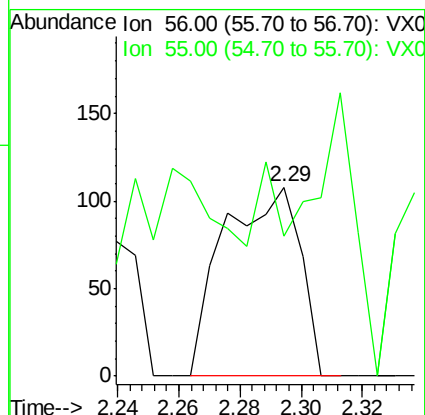
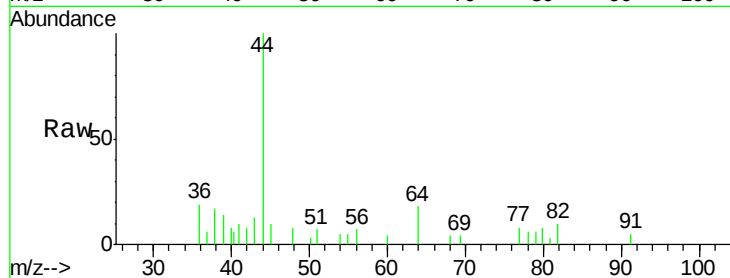
ClientSampled :

Tot Ion: 56 Resp: 187

Ion Ratio Lower Upper

56 100

55 10.7 57.4 86.2#



#15

Acrylonitrile

Concen: 0.548 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX001114.D

Acq: 25 Apr 2018 11:52

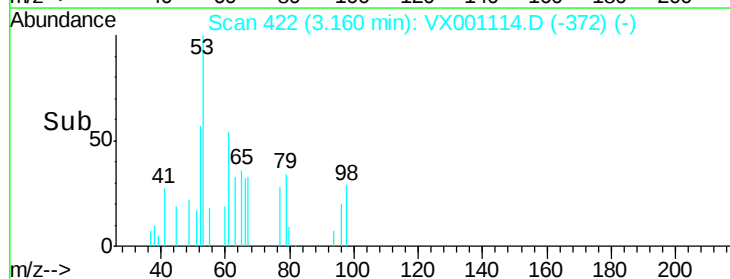
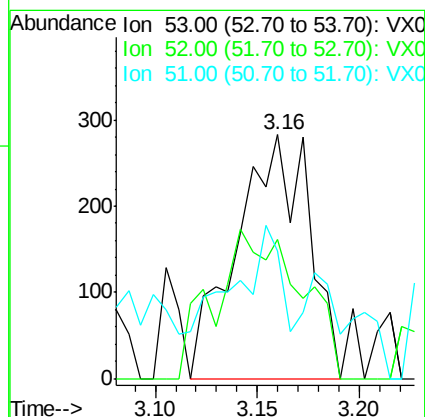
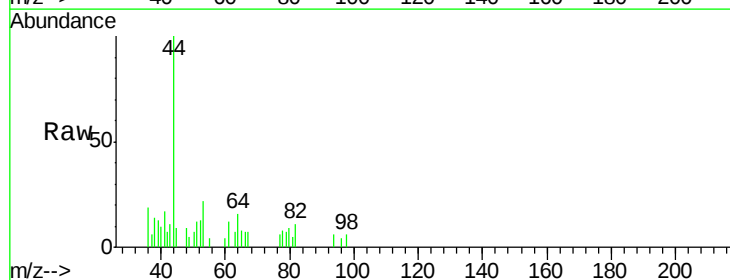
Tgt Ion: 53 Resp: 696

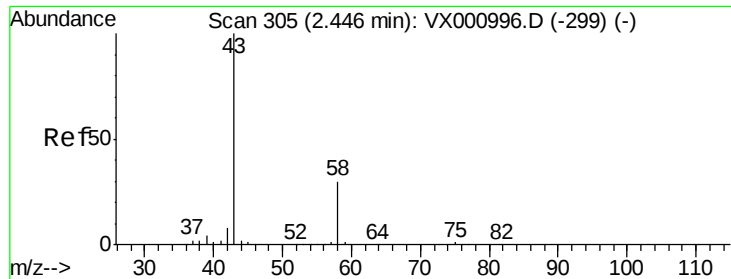
Ion Ratio Lower Upper

53 100

52 72.1 66.4 99.6

51 49.6 29.0 43.6#





#16

Acetone

Concen: 0.265 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.01 min

Lab File: VX001114.D

Acq: 25 Apr 2018 11:52

Instrument :

MSVOA_X

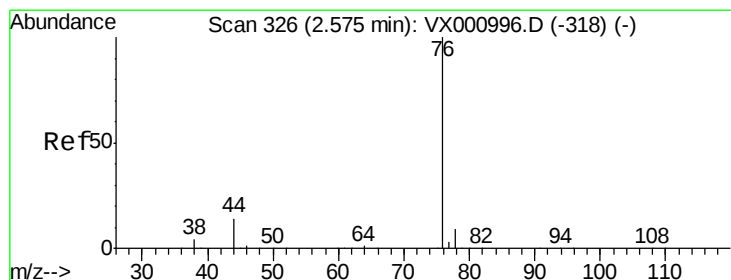
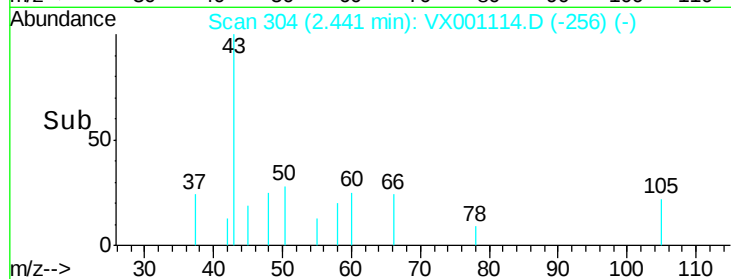
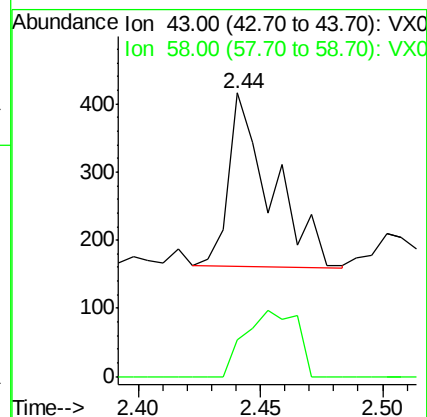
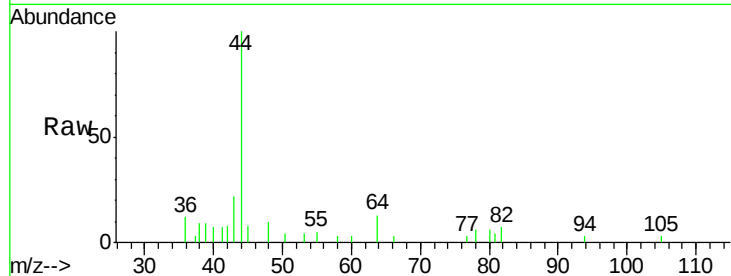
ClientSampled :

Tot Ion: 43 Resp: 311

Ion Ratio Lower Upper

43 100

58 20.9 23.7 35.5#



#17

Carbon Disulfide

Concen: 0.206 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX001114.D

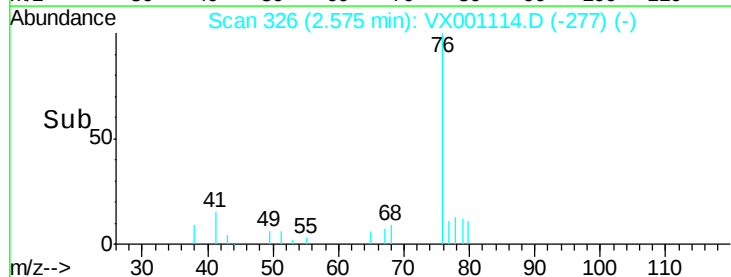
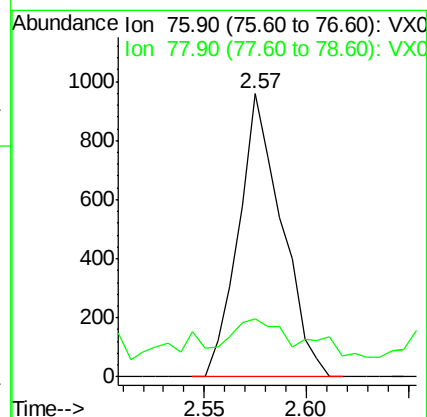
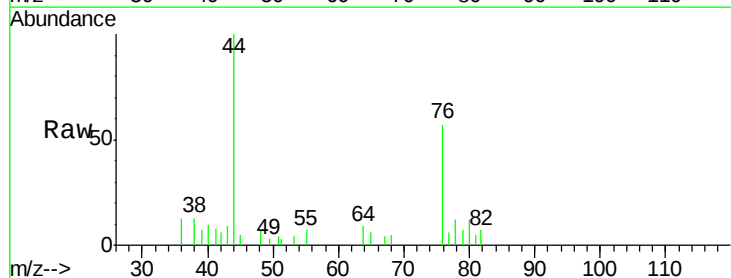
Acq: 25 Apr 2018 11:52

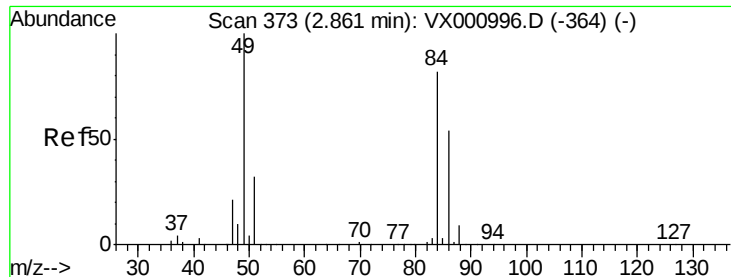
Tgt Ion: 76 Resp: 1403

Ion Ratio Lower Upper

76 100

78 13.0 7.3 10.9#

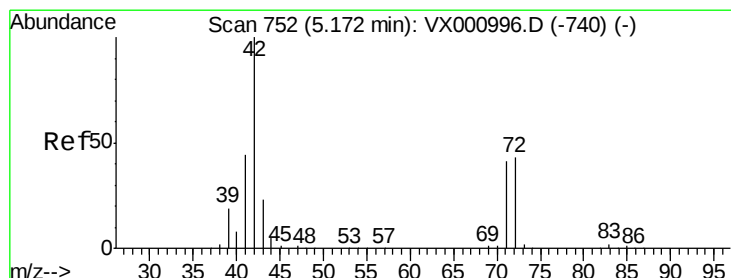
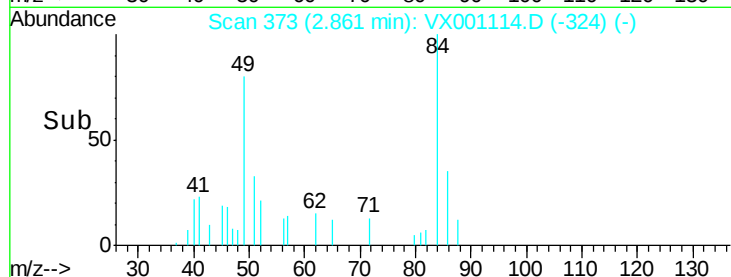
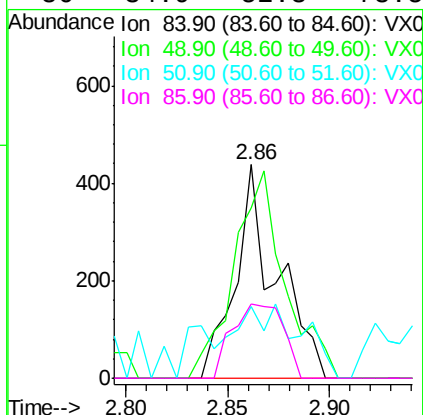
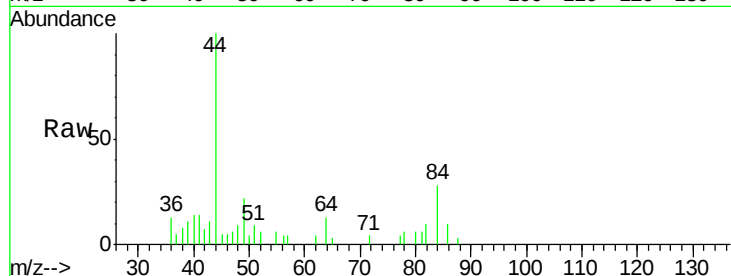




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001114.D
Acq: 25 Apr 2018 11:52

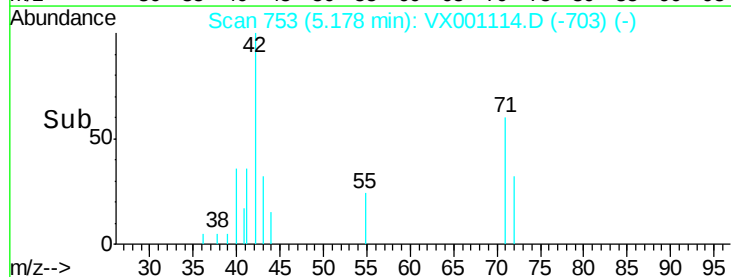
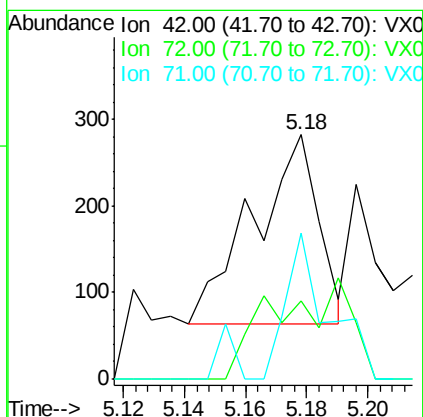
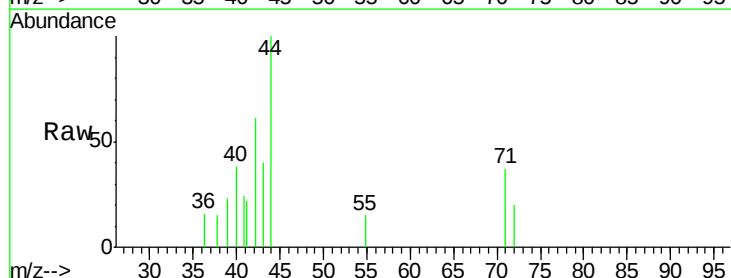
Instrument :
MSVOA_X
ClientSampleId :

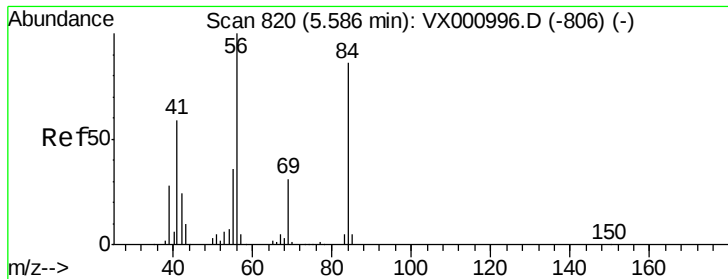
Tot Ion: 84 Resp: 609
Ion Ratio Lower Upper
84 100
49 79.9 97.1 145.7#
51 33.3 30.8 46.2
86 34.9 52.3 78.5#



#29
Tetrahydrofuran
Concen: 0.279 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX001114.D
Acq: 25 Apr 2018 11:52

Tgt Ion: 42 Resp: 323
Ion Ratio Lower Upper
42 100
72 23.8 34.6 52.0#
71 49.8 32.6 49.0#

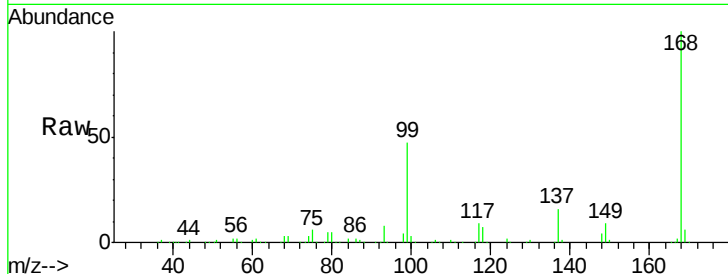




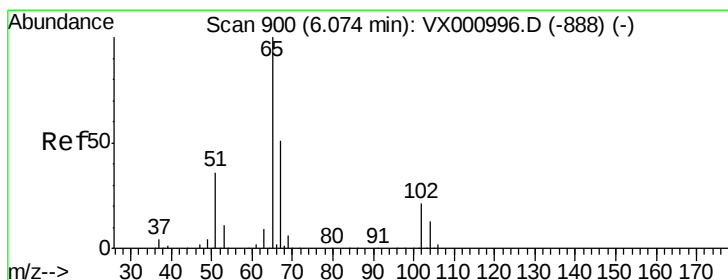
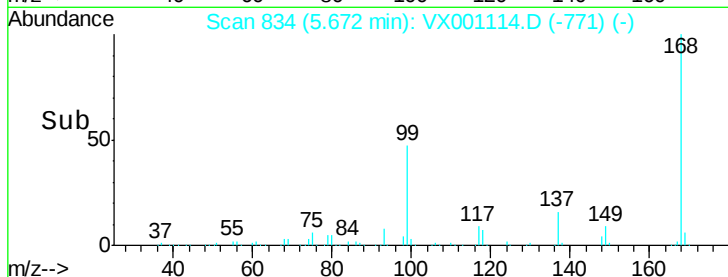
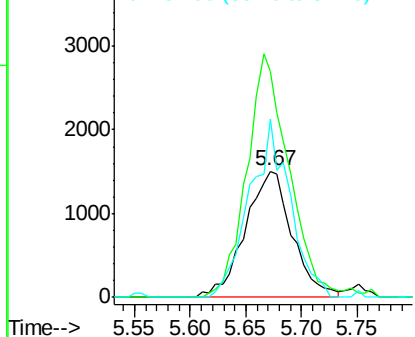
#31
Cyclohexane
Concen: 1.010 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.09 min
Lab File: VX001114.D
Acq: 25 Apr 2018 11:52

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 4433
Ion Ratio Lower Upper
56 100
69 179.0 24.6 36.8#
84 141.7 69.0 103.6#

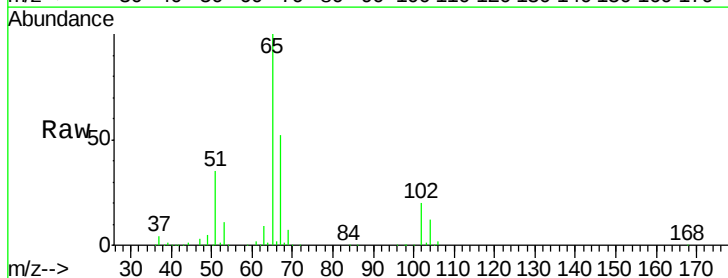


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

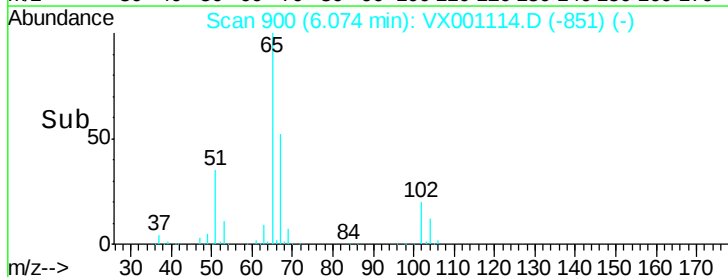
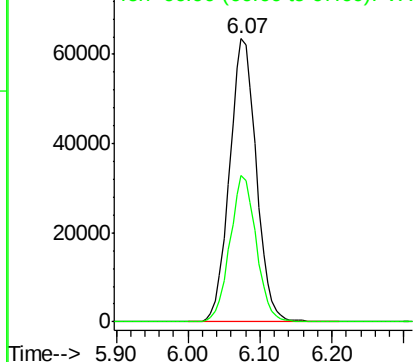


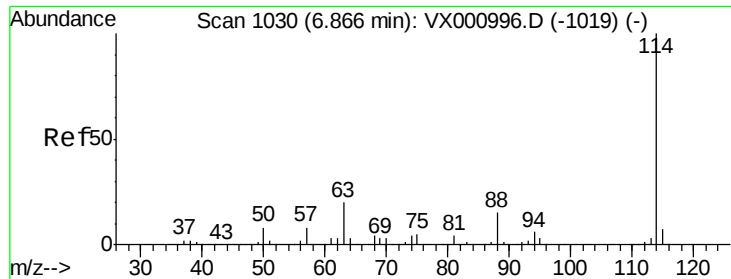
#33
1,2-Dichloroethane-d4
Concen: 52.844 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX001114.D
Acq: 25 Apr 2018 11:52

Tgt Ion: 65 Resp: 164481
Ion Ratio Lower Upper
65 100
67 50.8 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

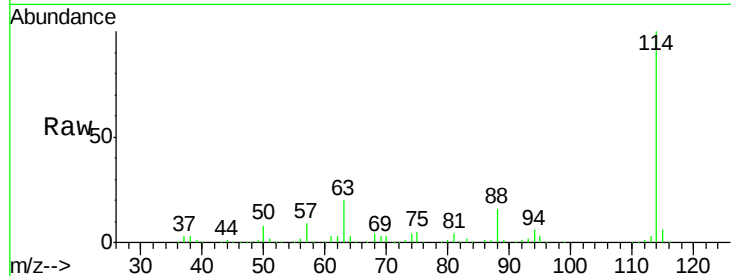




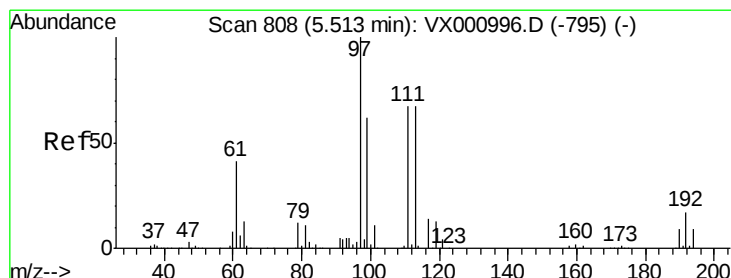
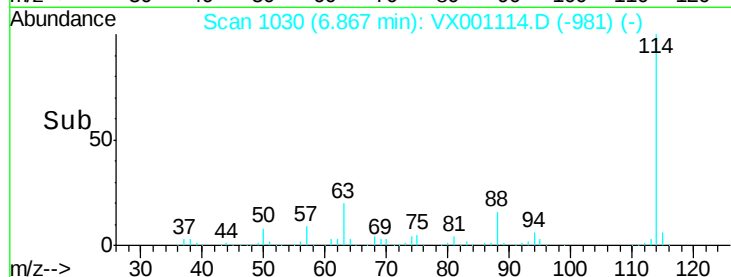
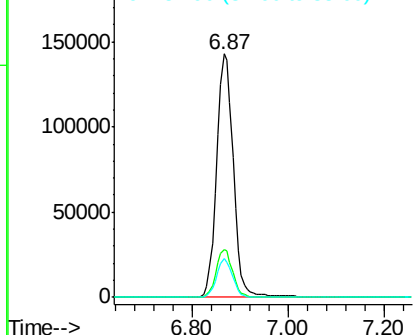
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001114.D
 Acq: 25 Apr 2018 11:52

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.4
88	15.8	0.0	29.8

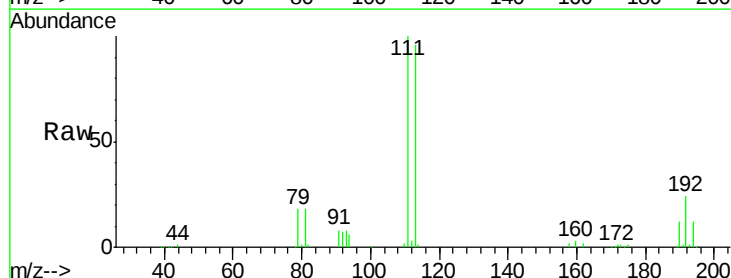


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

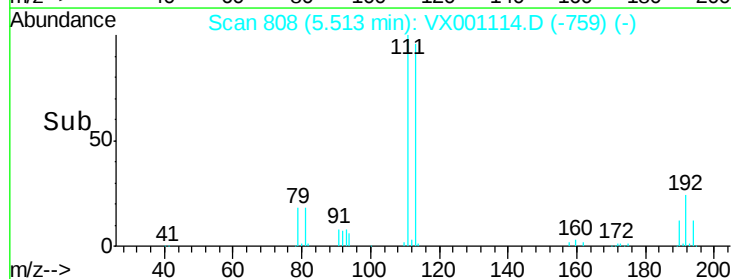
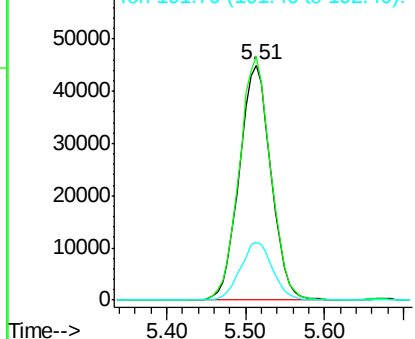


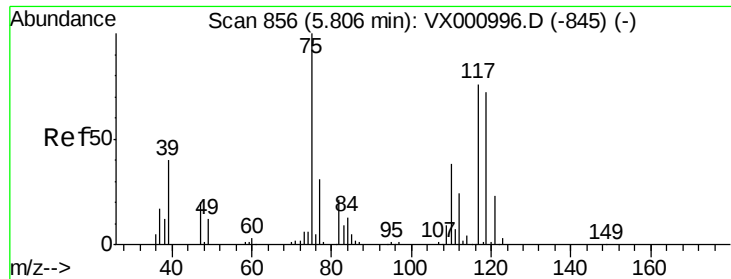
#35
 Dibromofluoromethane
 Concen: 47.504 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001114.D
 Acq: 25 Apr 2018 11:52

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.4	122.2
192	25.0	20.4	30.6



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

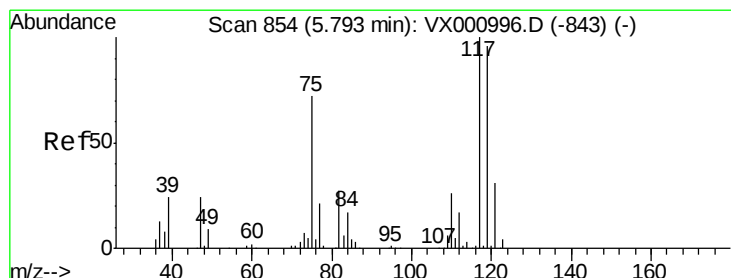
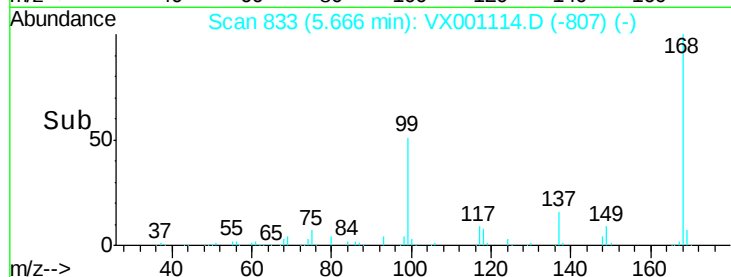
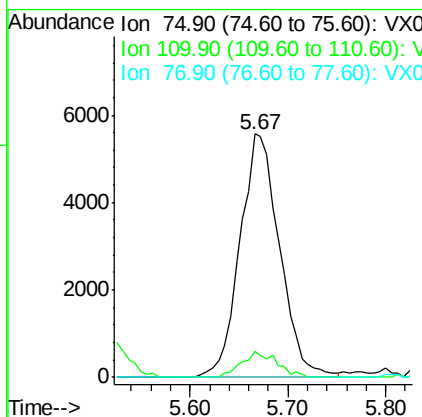
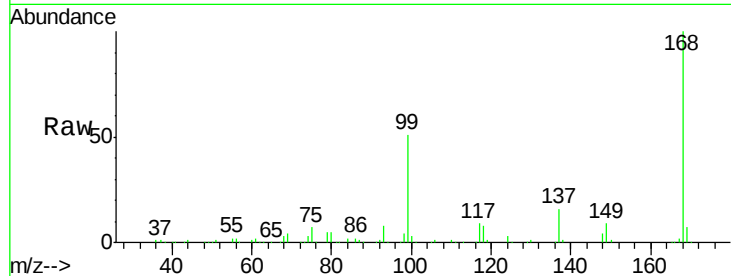




#36
 1,1-Dichloropropene
 Concen: 3.845 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX001114.D
 Acq: 25 Apr 2018 11:52

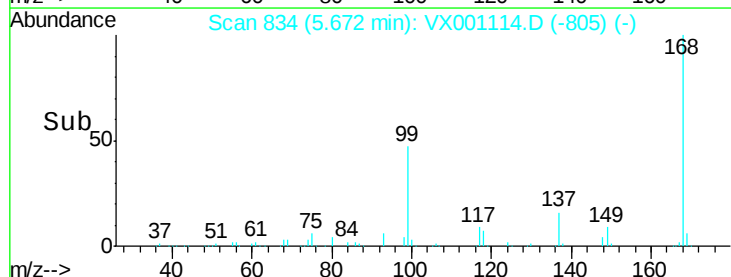
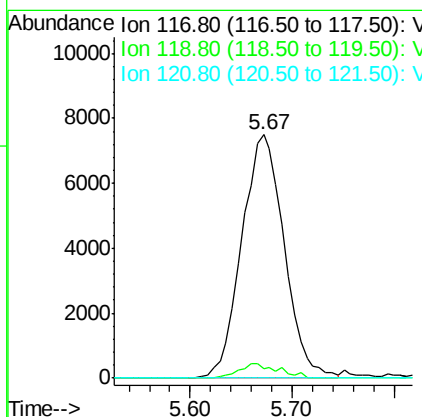
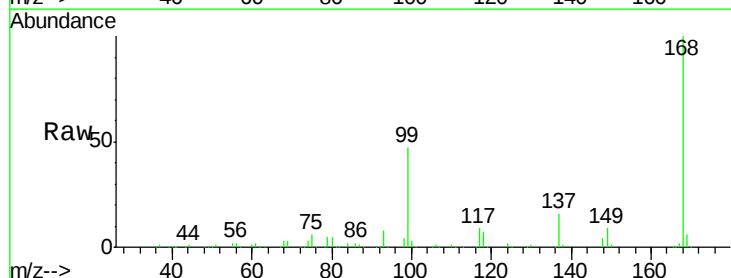
Instrument :
 MSVOA_X
 ClientSampleId :

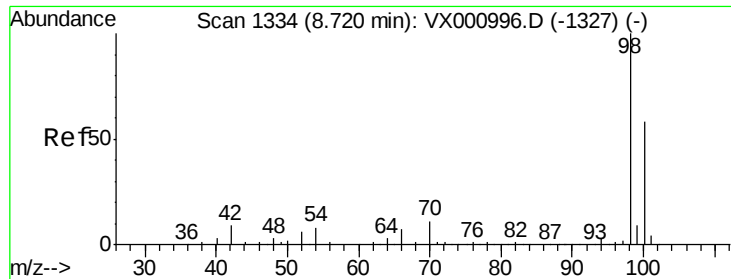
Tot Ion	75	Resp	15673
Ion Ratio	Lower	Upper	
75	100		
110	9.5	18.7	56.1#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.241 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX001114.D
 Acq: 25 Apr 2018 11:52

Tgt Ion	117	Resp	21632
Ion Ratio	Lower	Upper	
117	100		
119	4.0	76.5	114.7#
121	0.0	24.5	36.7#

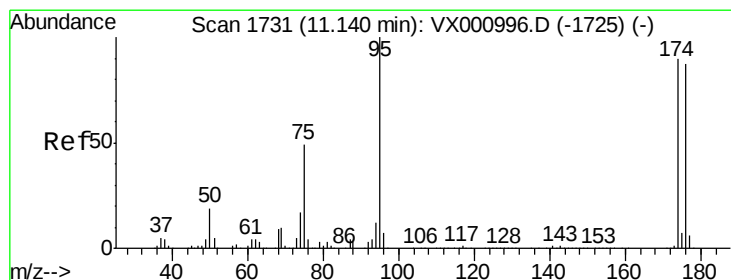
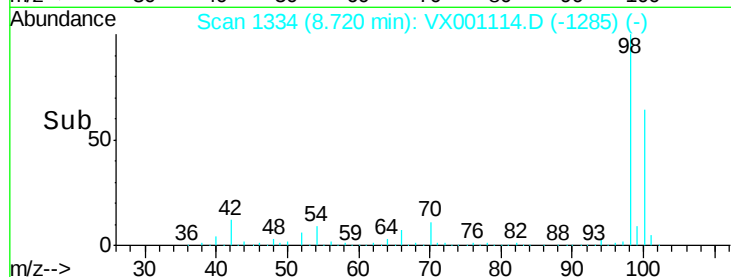
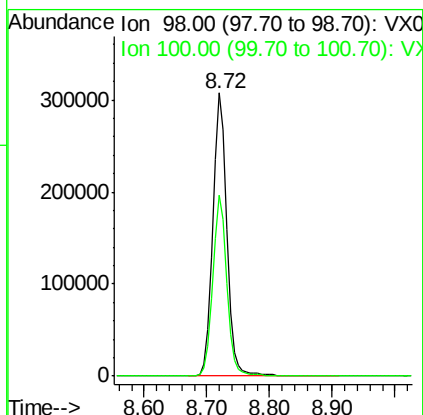
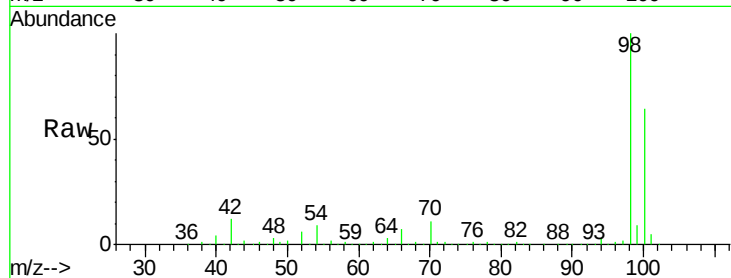




#50
Toluene-d8
Concen: 48.803 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001114.D
Acq: 25 Apr 2018 11:52

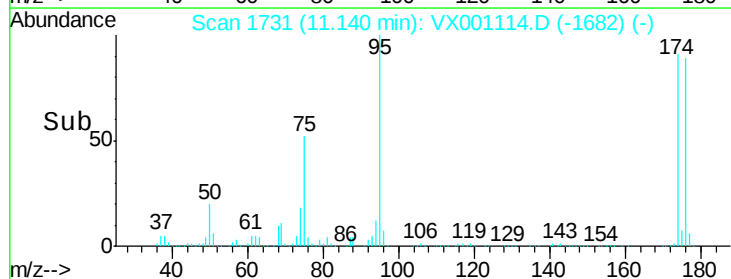
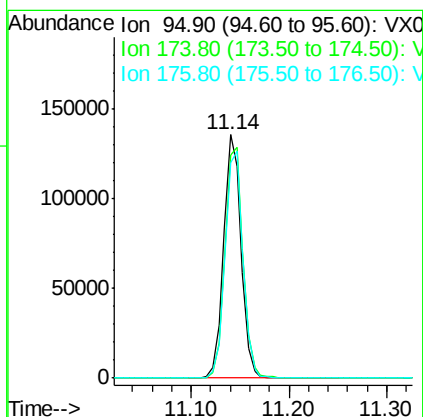
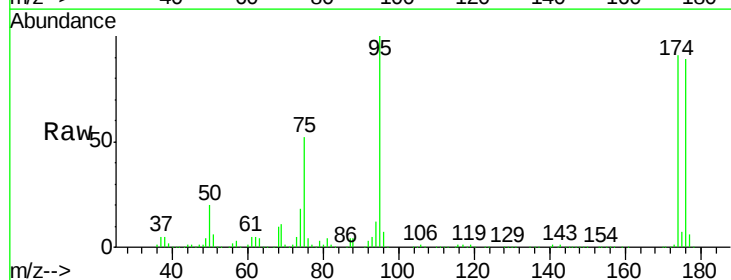
Instrument :
MSVOA_X
ClientSampleId :

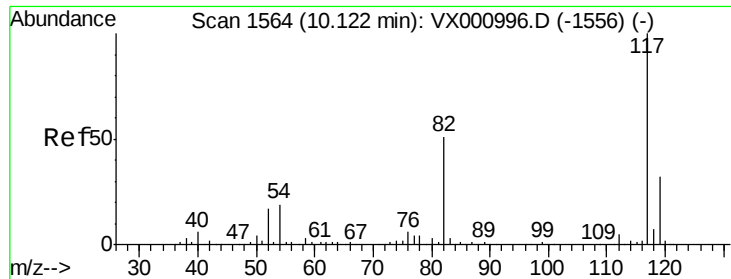
Tot Ion: 98 Resp: 477292
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 40.602 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001114.D
Acq: 25 Apr 2018 11:52

Tgt Ion: 95 Resp: 166645
Ion Ratio Lower Upper
95 100
174 98.2 0.0 198.4
176 95.8 0.0 192.0

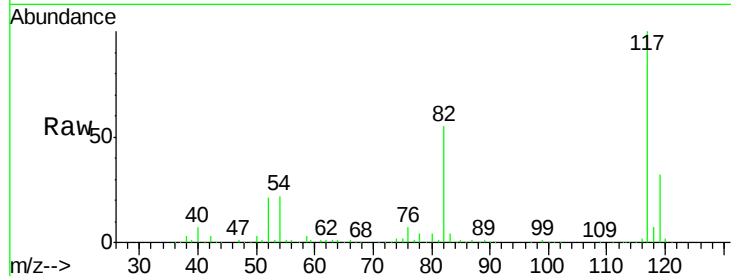




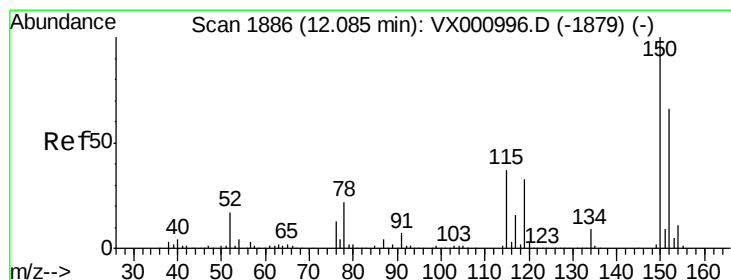
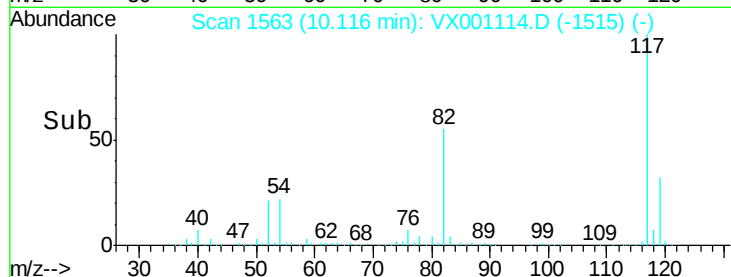
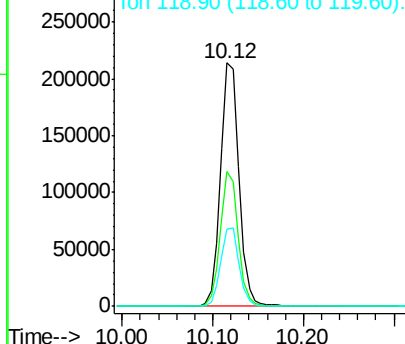
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001114.D
Acq: 25 Apr 2018 11:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 305336
Ion Ratio Lower Upper
117 100
82 55.1 40.6 60.8
119 31.9 26.0 39.0

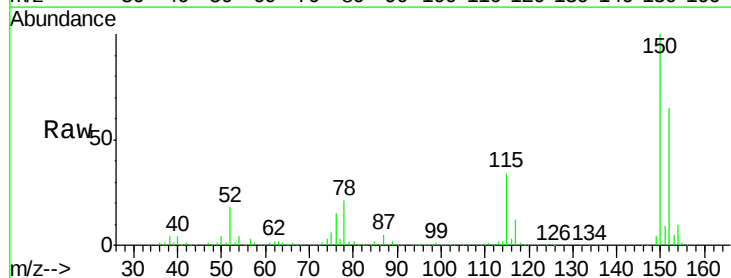


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

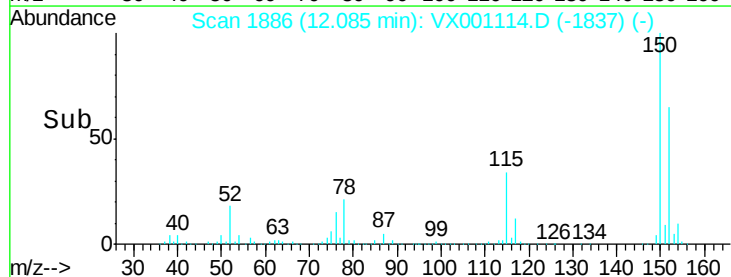
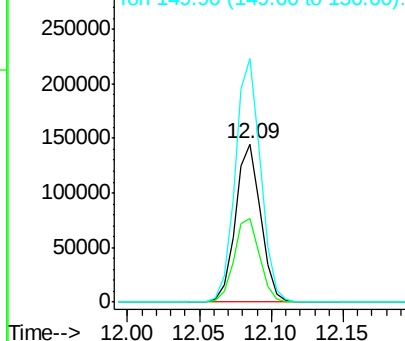


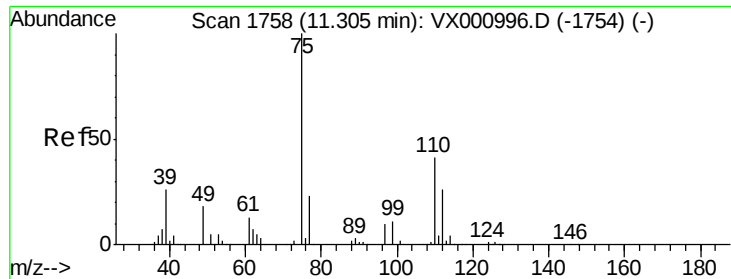
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001114.D
Acq: 25 Apr 2018 11:52

Tgt Ion:152 Resp: 176437
Ion Ratio Lower Upper
152 100
115 53.8 38.2 114.6
150 155.2 0.0 350.4



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

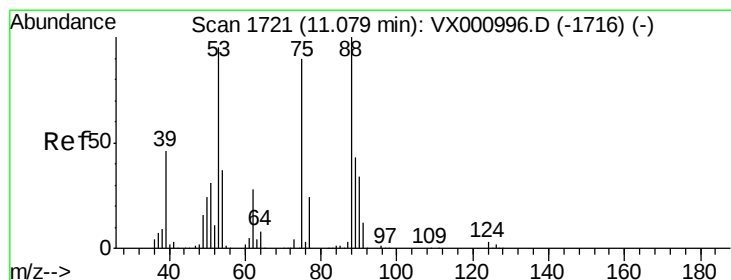
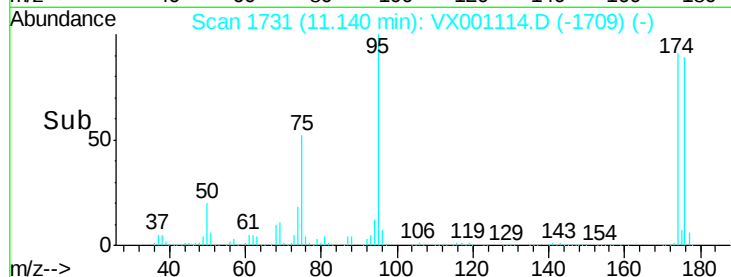
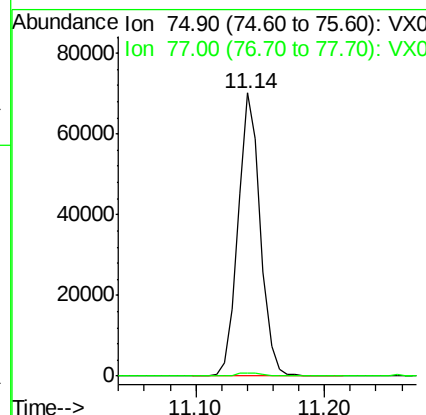
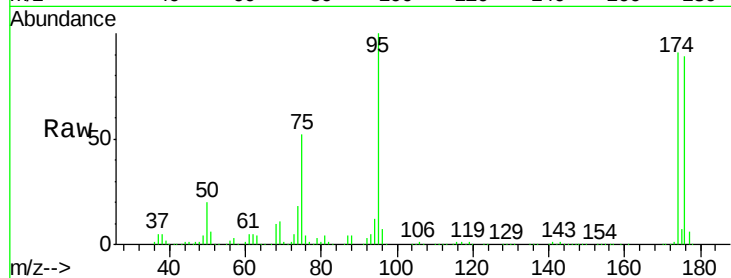




#76
 1,2,3-Trichloropropane
 Concen: 27.670 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001114.D
 Acq: 25 Apr 2018 11:52

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 84701
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.6 58.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.645 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001114.D
 Acq: 25 Apr 2018 11:52

Tgt Ion: 75 Resp: 84701
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.4 125.2#
 89 0.0 39.7 59.5#

