

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042318\
 Data File : VX001050.D
 Acq On : 23 Apr 2018 11:32
 Operator : JC/MD
 Sample : VX0423MBL01
 Misc : 5.00g/10mL/100uL/5mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423MBL01

Quant Time: Apr 24 06:58:57 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	232758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	326043	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	302277	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	192571	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	151811	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
35) Dibromofluoromethane	5.51	113	118742	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
50) Toluene-d8	8.72	98	460042	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
62) 4-Bromofluorobenzene	11.14	95	174241	45.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.32%	

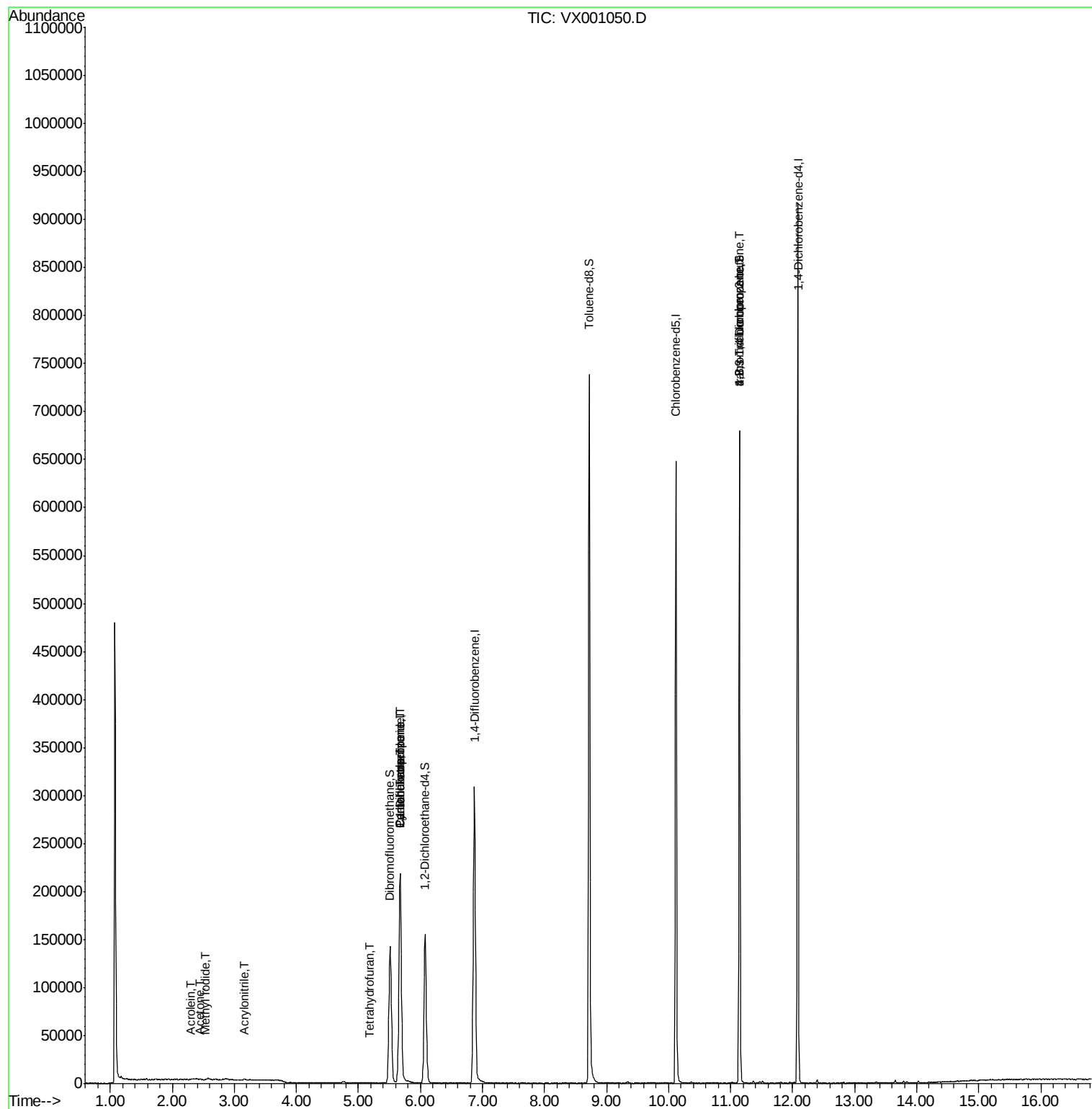
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	335	Below Cal	#	78
10) Methyl Iodide	2.53	142	135	7.65	ug/l #	58
13) Acrolein	2.29	56	170	12.11	ug/l	99
15) Acrylonitrile	3.16	53	412	0.34	ug/l #	78
16) Acetone	2.44	43	269	0.24	ug/l	99
20) Methylene Chloride	2.86	84	476	Below Cal	#	74
29) Tetrahydrofuran	5.18	42	511	0.47	ug/l #	69
31) Cyclohexane	5.67	56	4174	1.00	ug/l #	11
36) 1,1-Dichloropropene	5.67	75	14532	3.79	ug/l #	50
38) Carbon Tetrachloride	5.67	117	20078	5.18	ug/l #	16
76) 1,2,3-Trichloropropane	11.14	75	86639	25.93	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	86639	77.66	ug/l #	8

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

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QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001050.D

Acq: 23 Apr 2018 11:32

Instrument :

MSVOA_X

ClientSampleId :

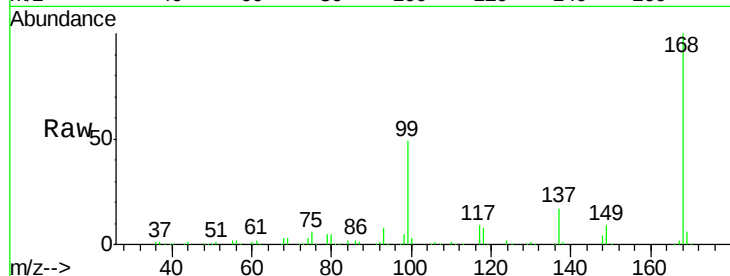
VX0423MBL01

Tgt Ion:168 Resp: 232758

Ion Ratio Lower Upper

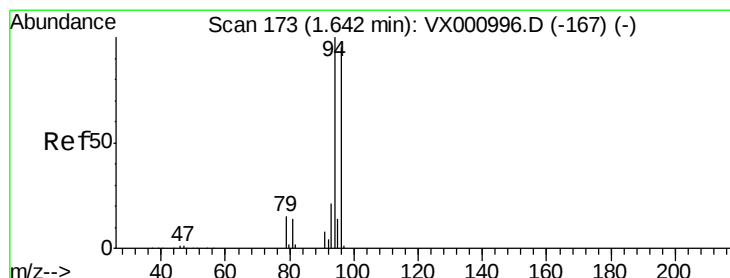
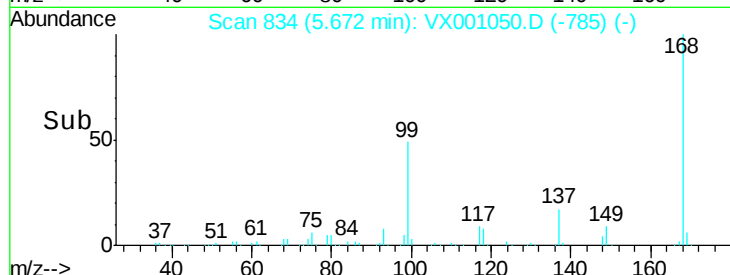
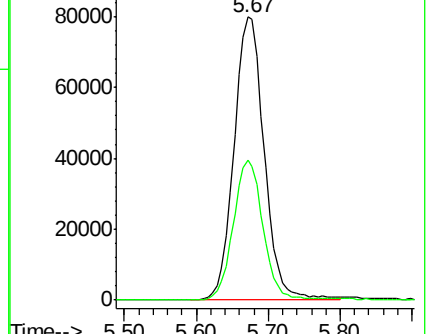
168 100

99 49.4 39.2 58.8



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: VX001050.D

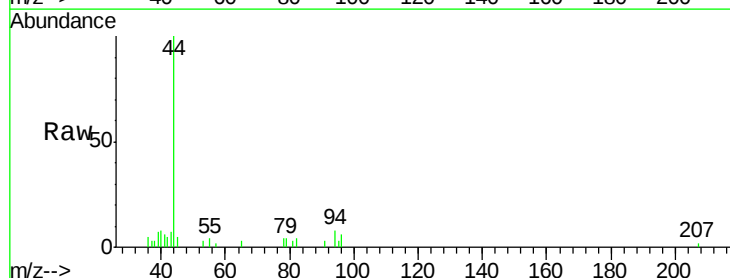
Acq: 23 Apr 2018 11:32

Tgt Ion: 94 Resp: 335

Ion Ratio Lower Upper

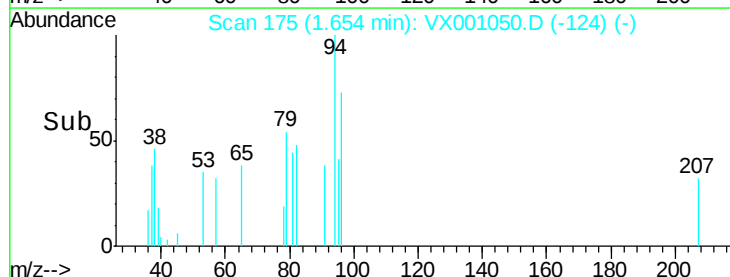
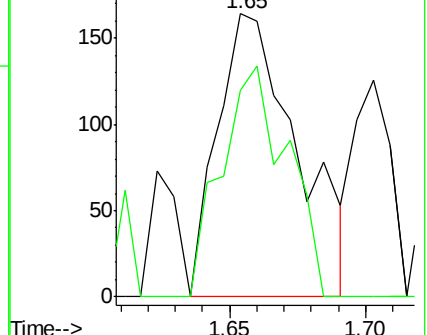
94 100

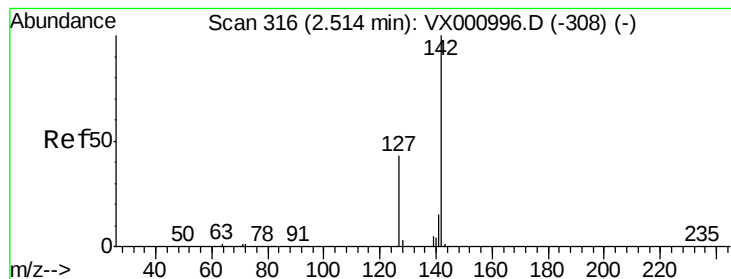
96 73.2 76.0 114.0#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#10

Methyl Iodide

Concen: 7.65 ug/l

RT: 2.53 min Scan# 319

Delta R.T. 0.02 min

Lab File: VX001050.D

Acq: 23 Apr 2018 11:32

Instrument :

MSVOA_X

ClientSampled :

VX0423MBL01

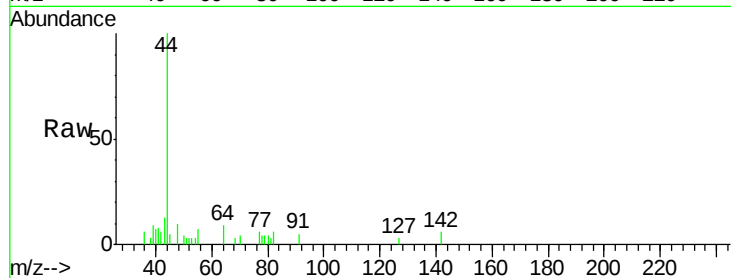
Tgt Ion:142 Resp: 135

Ion Ratio Lower Upper

142 100

127 14.1 34.0 51.0#

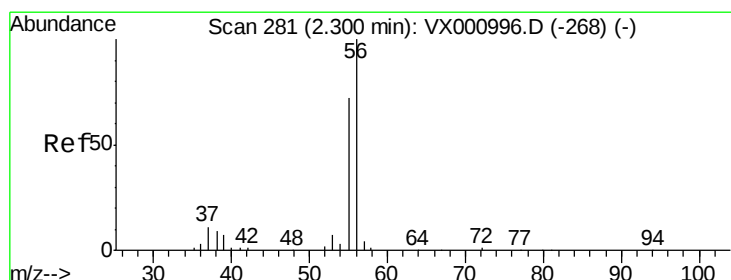
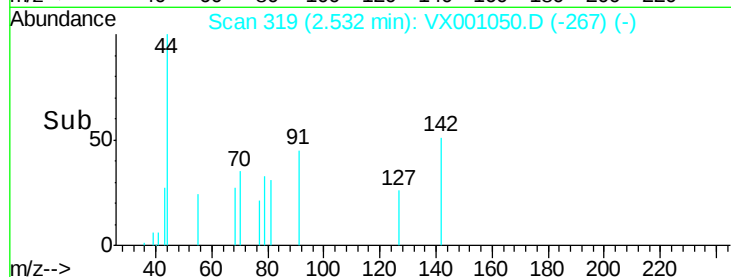
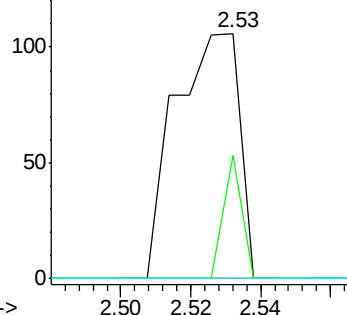
141 0.0 11.4 17.2#



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



#13

Acrolein

Concen: 12.11 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001050.D

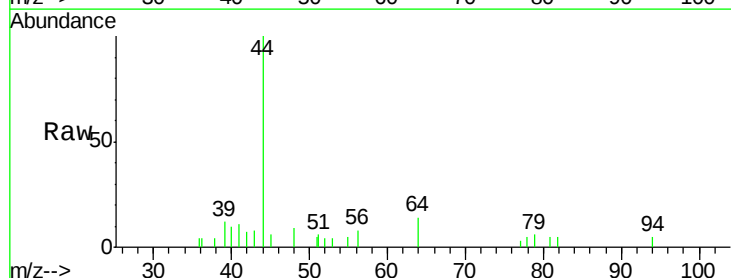
Acq: 23 Apr 2018 11:32

Tgt Ion: 56 Resp: 170

Ion Ratio Lower Upper

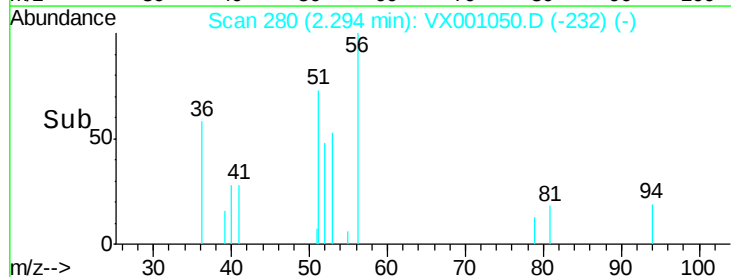
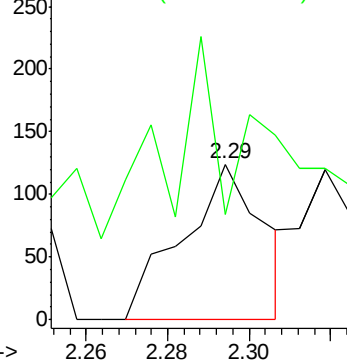
56 100

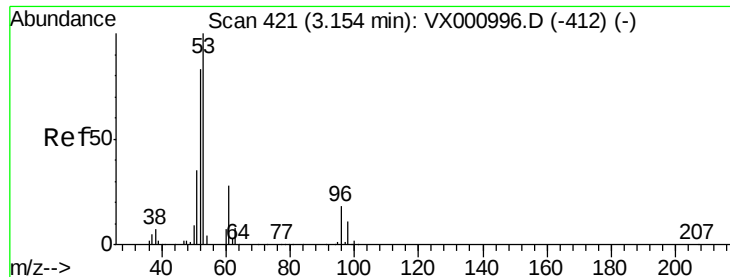
55 72.4 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#15

Acrylonitrile

Concen: 0.34 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX001050.D

Acq: 23 Apr 2018 11:32

Instrument :

MSVOA_X

ClientSampled :

VX0423MBL01

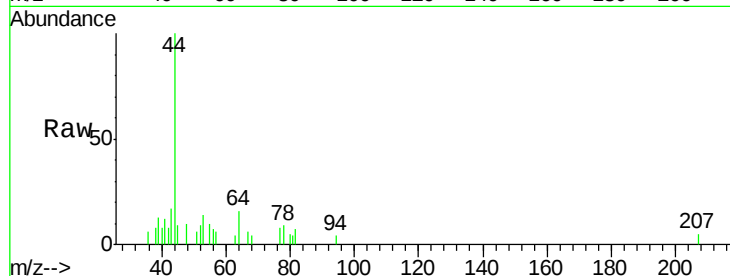
Tgt Ion: 53 Resp: 412

Ion Ratio Lower Upper

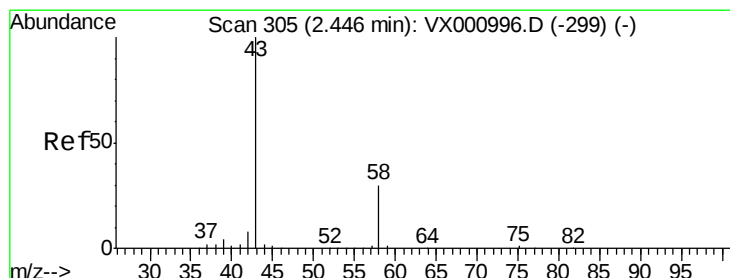
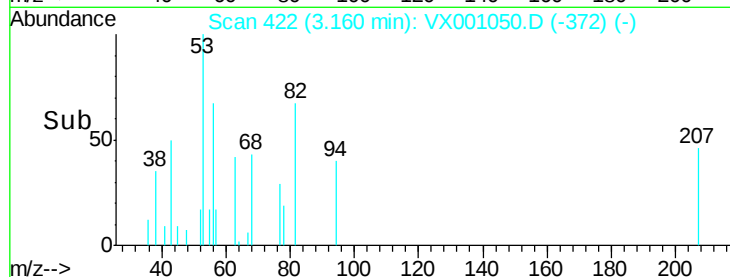
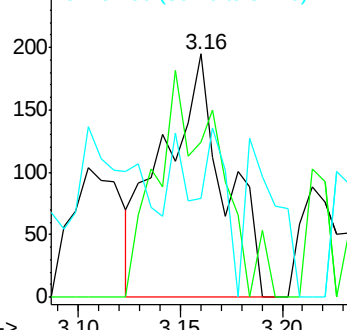
53 100

52 92.2 66.4 99.6

51 8.3 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: 0.24 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.01 min

Lab File: VX001050.D

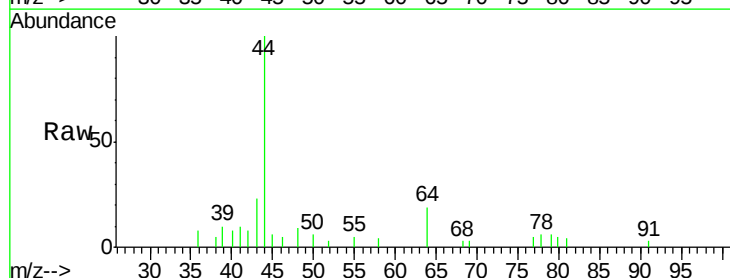
Acq: 23 Apr 2018 11:32

Tgt Ion: 43 Resp: 269

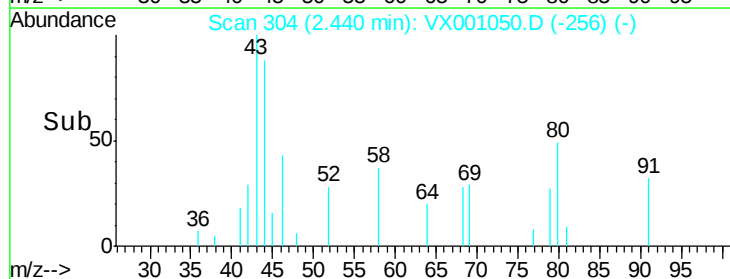
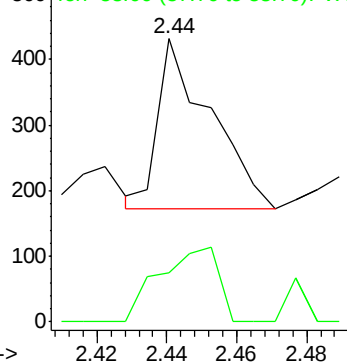
Ion Ratio Lower Upper

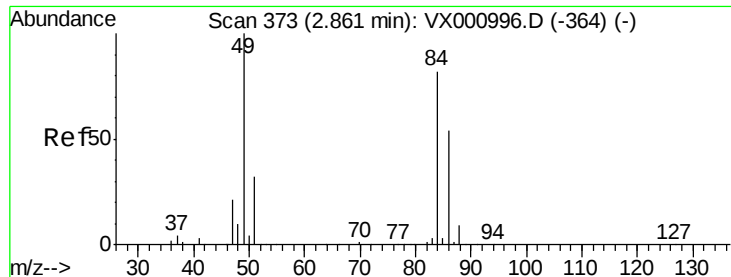
43 100

58 29.0 23.7 35.5



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

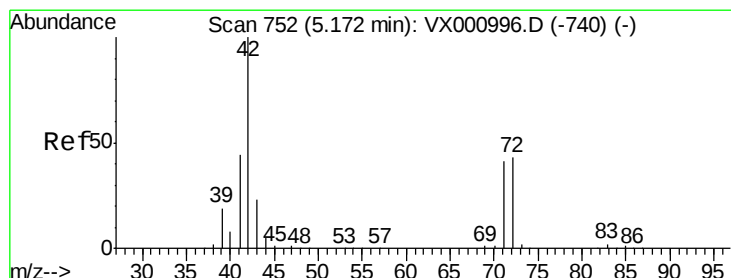
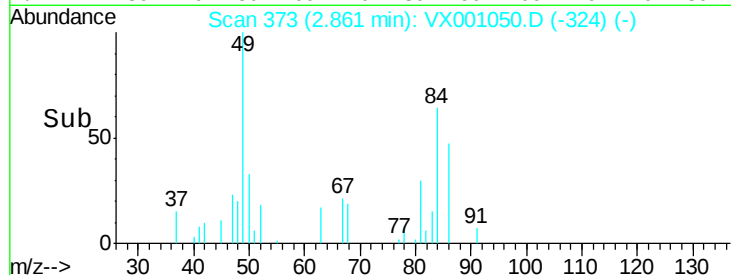
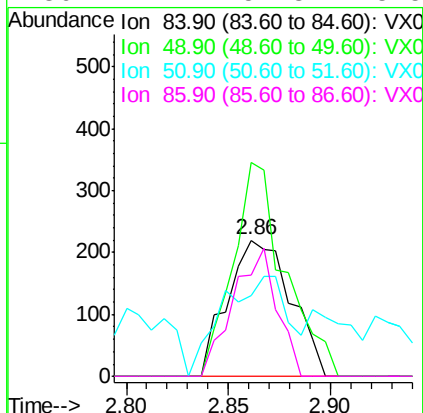
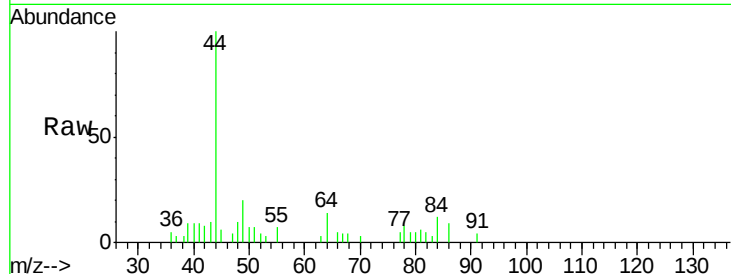




#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001050.D
Acq: 23 Apr 2018 11:32

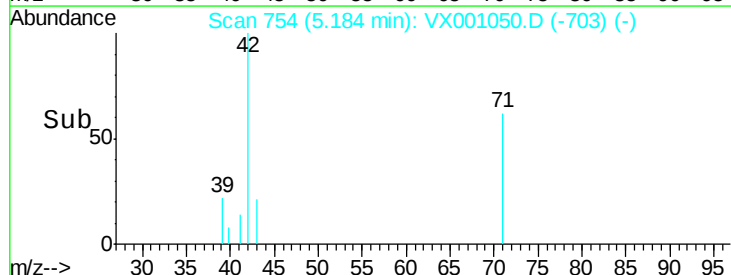
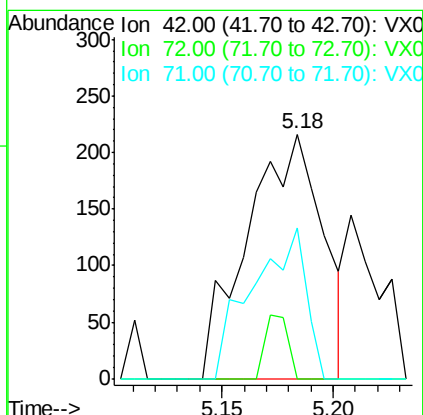
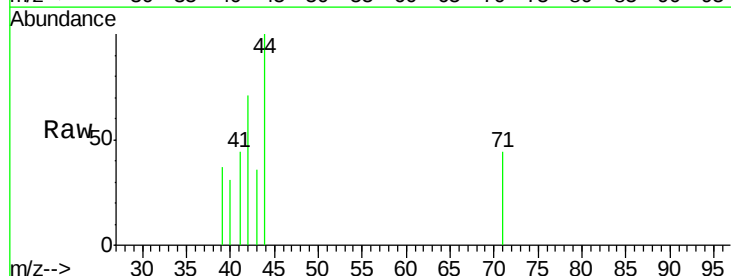
Instrument :
MSVOA_X
ClientSampled :
VX0423MBL01

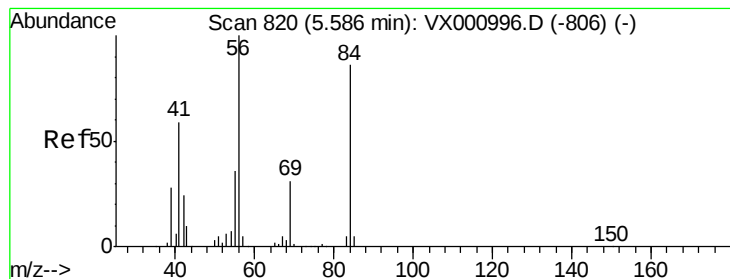
Tgt Ion:	84	Resp:	476
Ion	Ratio	Lower	Upper
84	100		
49	156.8	97.1	145.7#
51	59.1	30.8	46.2#
86	74.1	52.3	78.5



#29
Tetrahydrofuran
Concen: 0.47 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX001050.D
Acq: 23 Apr 2018 11:32

Tgt Ion:	42	Resp:	511
Ion	Ratio	Lower	Upper
42	100		
72	7.8	34.6	52.0#
71	43.4	32.6	49.0





#31

Cyclohexane

Concen: 1.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX001050.D

Acq: 23 Apr 2018 11:32

Instrument :

MSVOA_X

ClientSampleId :

VX0423MBL01

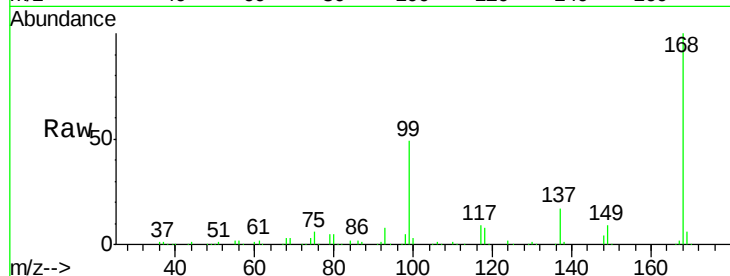
Tgt Ion: 56 Resp: 4174

Ion Ratio Lower Upper

56 100

69 166.1 24.6 36.8#

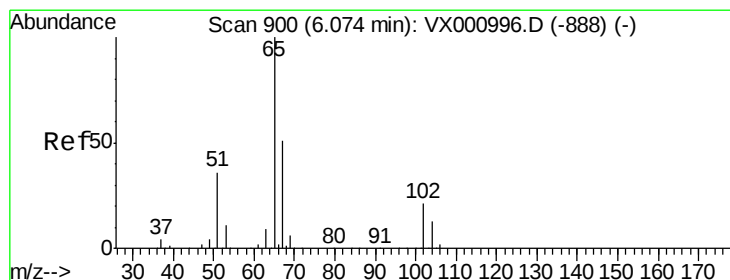
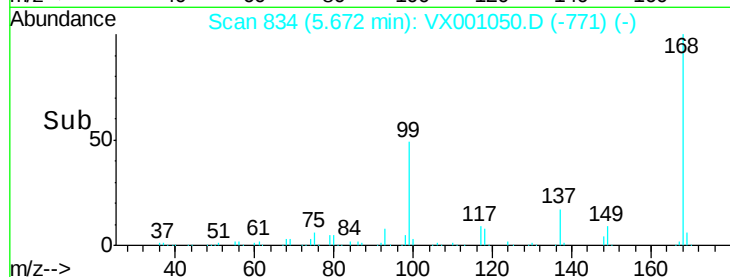
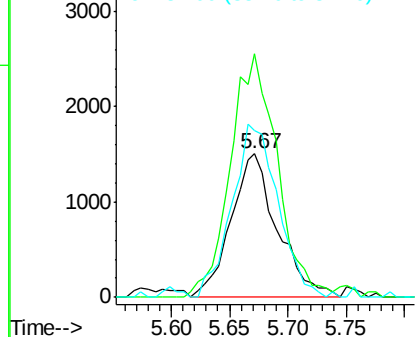
84 116.1 69.0 103.6#



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: 51.45 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001050.D

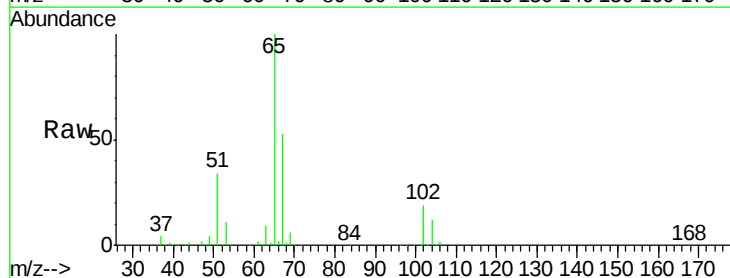
Acq: 23 Apr 2018 11:32

Tgt Ion: 65 Resp: 151811

Ion Ratio Lower Upper

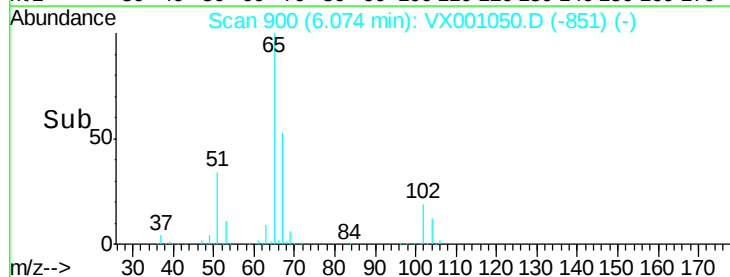
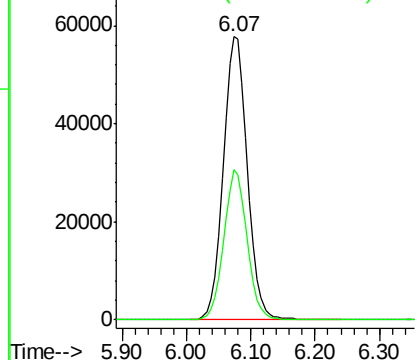
65 100

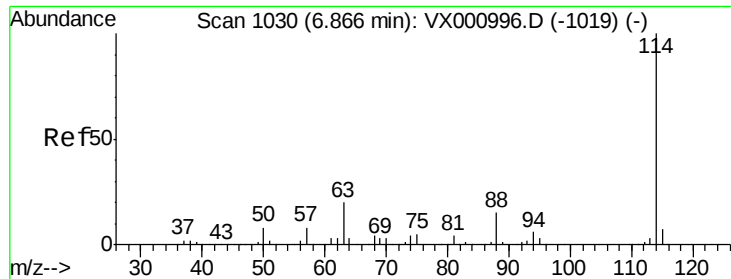
67 51.3 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

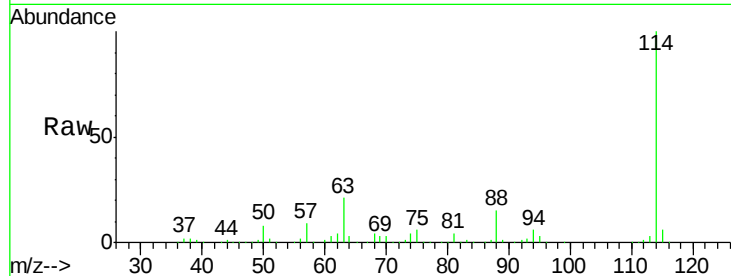




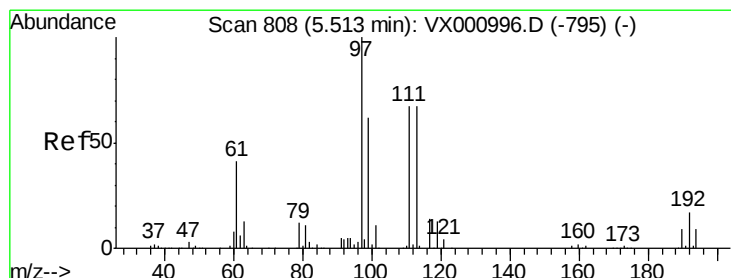
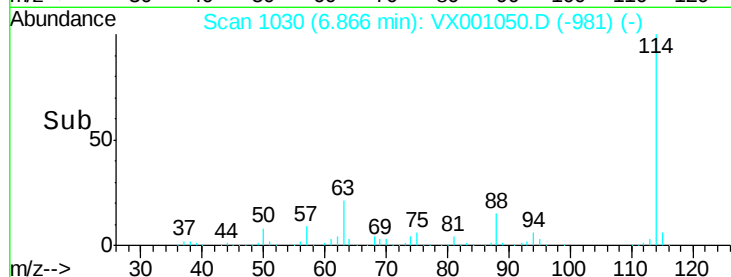
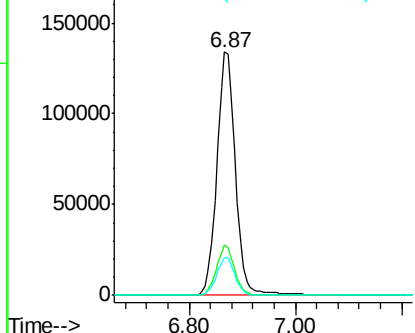
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001050.D
 Acq: 23 Apr 2018 11:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423MBL01

Tgt Ion:114 Resp: 326043
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.4
 88 15.3 0.0 29.8

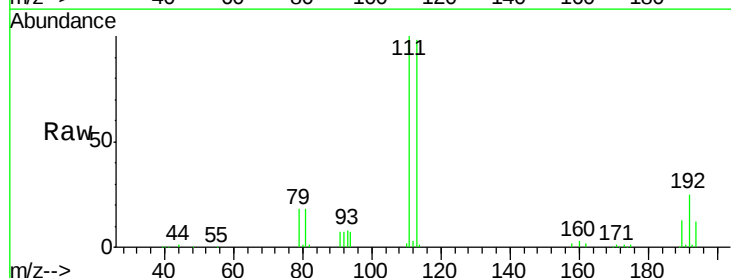


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

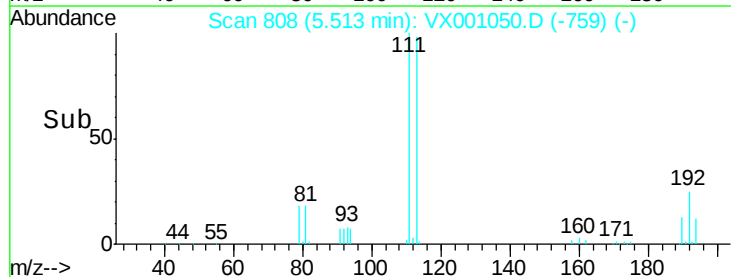
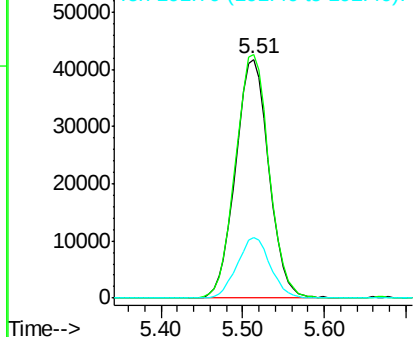


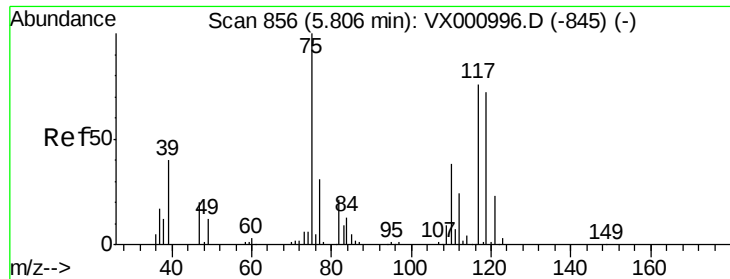
#35
 Dibromofluoromethane
 Concen: 47.76 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001050.D
 Acq: 23 Apr 2018 11:32

Tgt Ion:113 Resp: 118742
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.4 122.2
 192 25.3 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

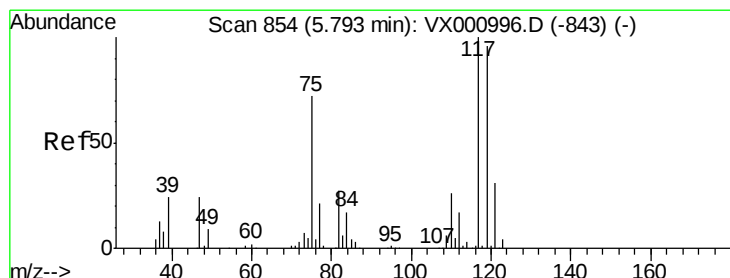
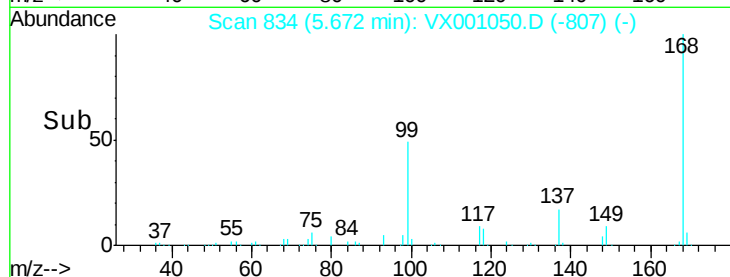
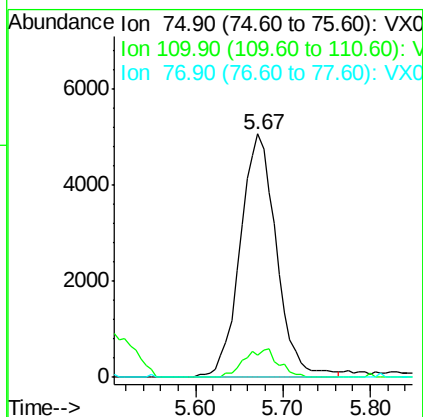
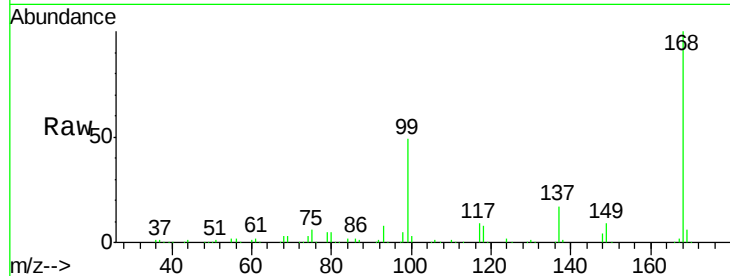




#36
 1,1-Dichloropropene
 Concen: 3.79 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX001050.D
 Acq: 23 Apr 2018 11:32

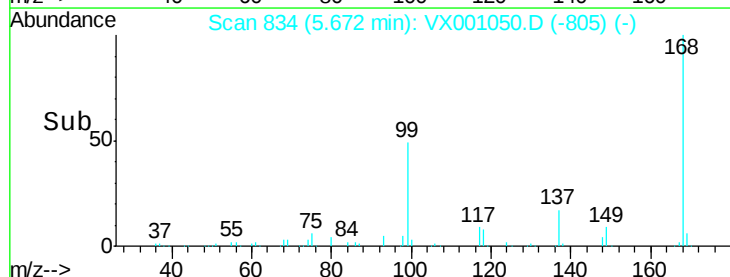
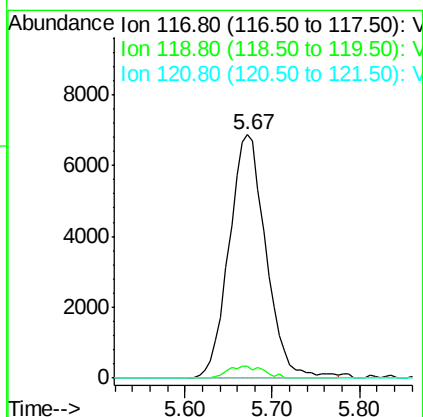
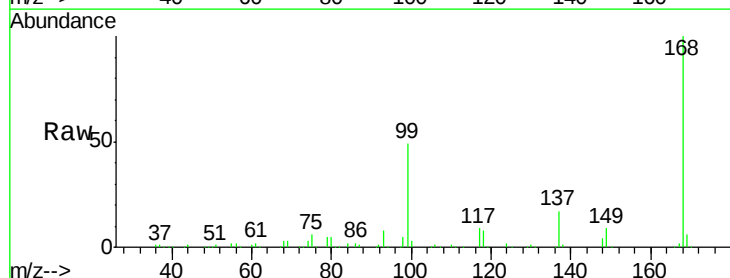
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423MBL01

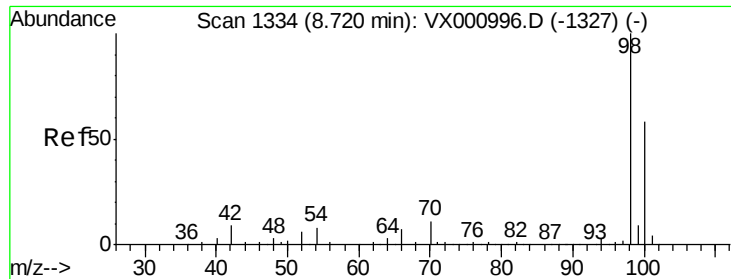
Tgt Ion: 75 Resp: 14532
 Ion Ratio Lower Upper
 75 100
 110 10.9 18.7 56.1#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.18 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX001050.D
 Acq: 23 Apr 2018 11:32

Tgt Ion: 117 Resp: 20078
 Ion Ratio Lower Upper
 117 100
 119 4.7 76.5 114.7#
 121 0.0 24.5 36.7#





#50

Toluene-d8

Concen: 50.04 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001050.D

Acq: 23 Apr 2018 11:32

Instrument :

MSVOA_X

ClientSampleId :

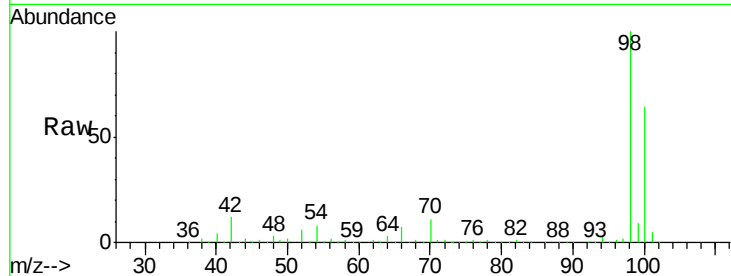
VX0423MBL01

Tgt Ion: 98 Resp: 460042

Ion Ratio Lower Upper

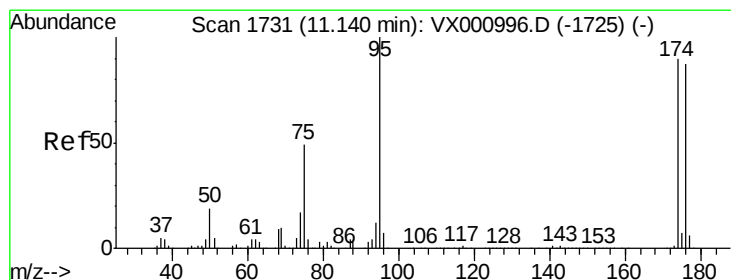
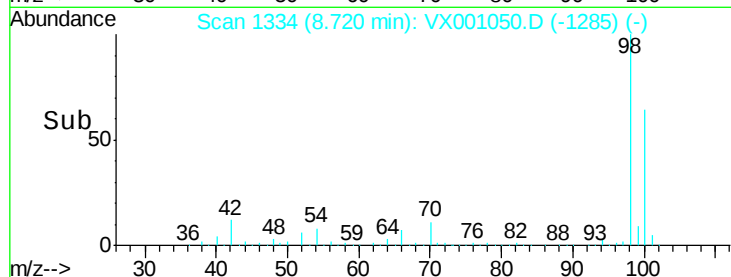
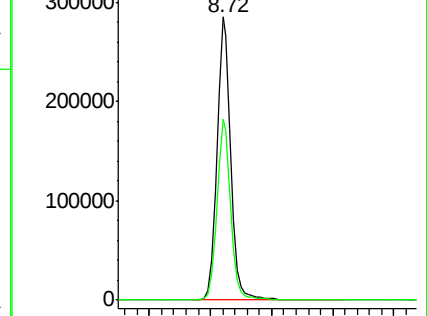
98 100

100 63.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 45.16 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001050.D

Acq: 23 Apr 2018 11:32

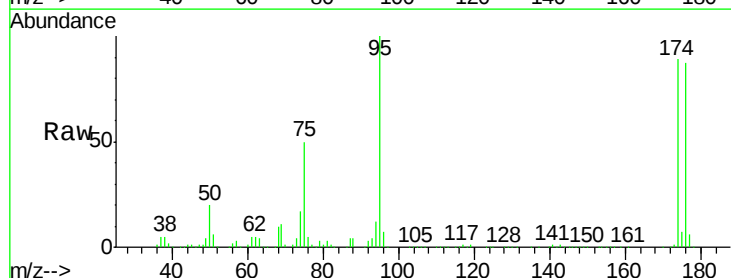
Tgt Ion: 95 Resp: 174241

Ion Ratio Lower Upper

95 100

174 97.2 0.0 198.4

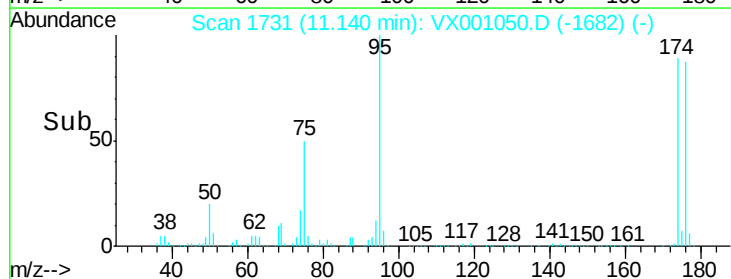
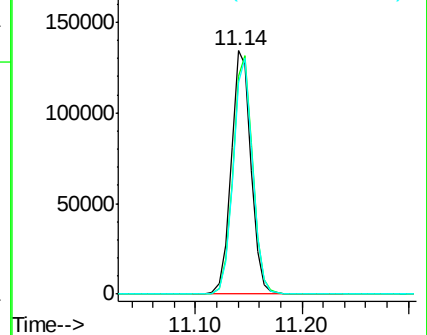
176 94.9 0.0 192.0

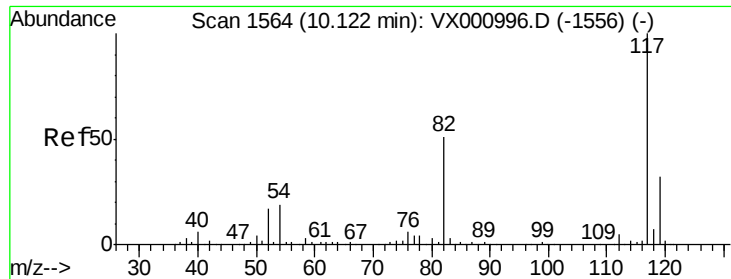


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

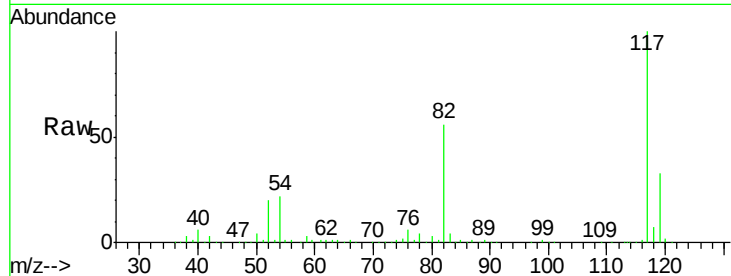




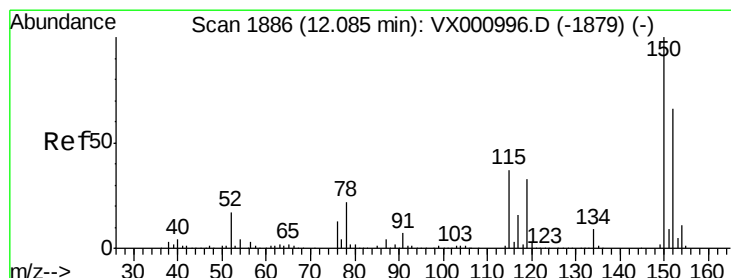
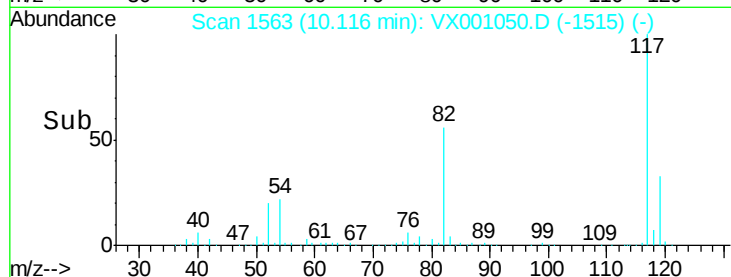
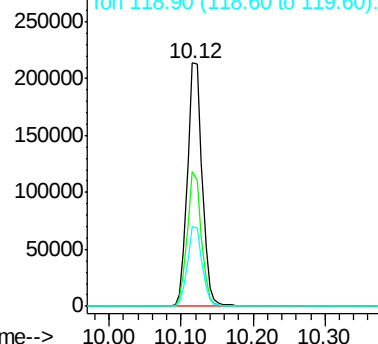
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001050.D
Acq: 23 Apr 2018 11:32

Instrument :
MSVOA_X
ClientSampled :
VX0423MBL01

Tgt Ion:117 Resp: 302277
Ion Ratio Lower Upper
117 100
82 55.6 40.6 60.8
119 32.9 26.0 39.0

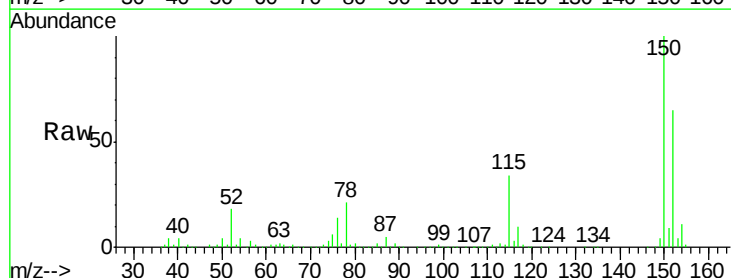


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

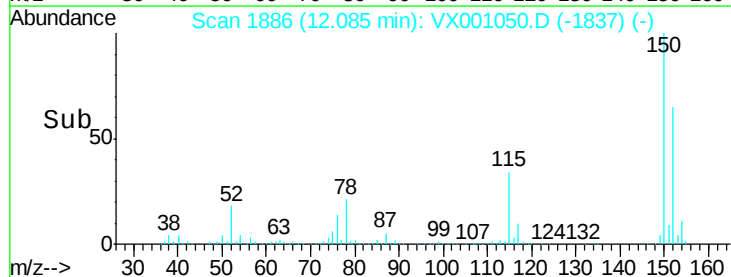
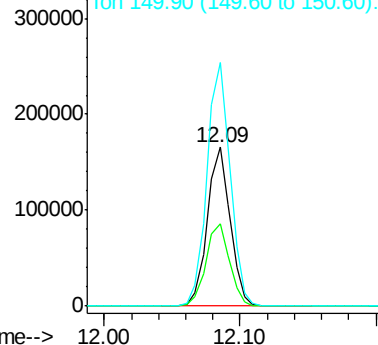


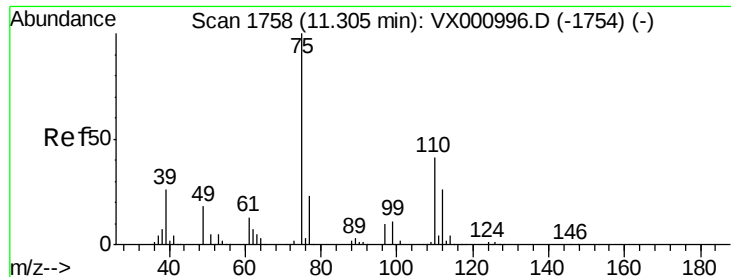
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001050.D
Acq: 23 Apr 2018 11:32

Tgt Ion:152 Resp: 192571
Ion Ratio Lower Upper
152 100
115 53.8 38.2 114.6
150 156.1 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: 25.93 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001050.D

Acq: 23 Apr 2018 11:32

Instrument :

MSVOA_X

ClientSampleId :

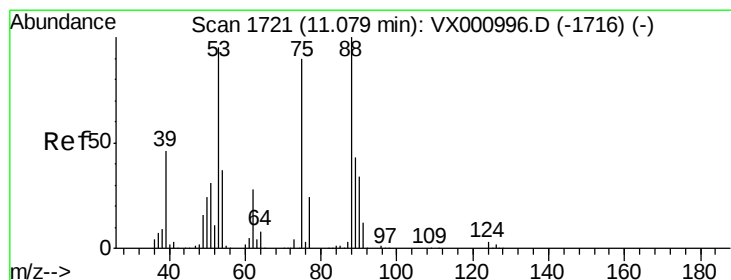
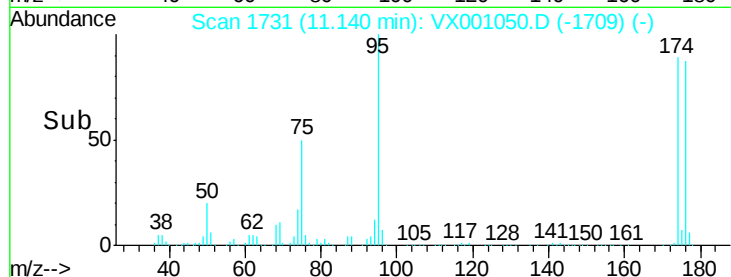
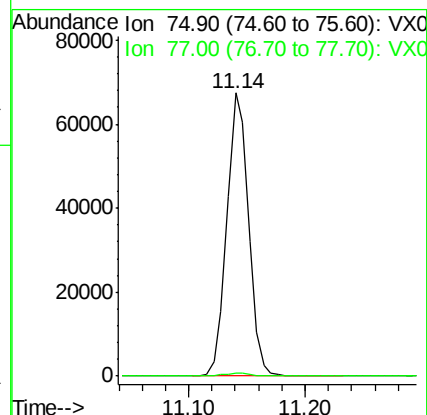
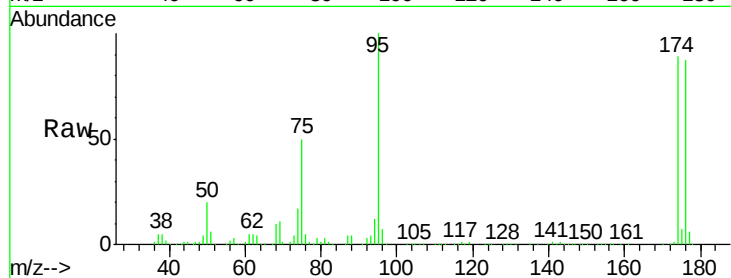
VX0423MBL01

Tgt Ion: 75 Resp: 86639

Ion Ratio Lower Upper

75 100

77 1.2 19.6 58.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 77.66 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001050.D

Acq: 23 Apr 2018 11:32

Tgt Ion: 75 Resp: 86639

Ion Ratio Lower Upper

75 100

53 0.0 83.4 125.2#

89 0.0 39.7 59.5#

