

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051618\
 Data File : VX001762.D
 Acq On : 16 May 2018 12:29
 Operator : JC/MD
 Sample : VX0516WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516WBL01

Quant Time: May 17 02:54:11 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	263693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	356434	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	294993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	151144	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	189200	53.53	ug/l	0.00
Spiked Amount			Recovery	=	107.06%	
35) Dibromofluoromethane	5.51	113	157979	52.52	ug/l	0.00
Spiked Amount			Recovery	=	105.04%	
50) Toluene-d8	8.72	98	551851	51.23	ug/l	0.00
Spiked Amount			Recovery	=	102.46%	
62) 4-Bromofluorobenzene	11.14	95	160362	41.34	ug/l	0.00
Spiked Amount			Recovery	=	82.68%	

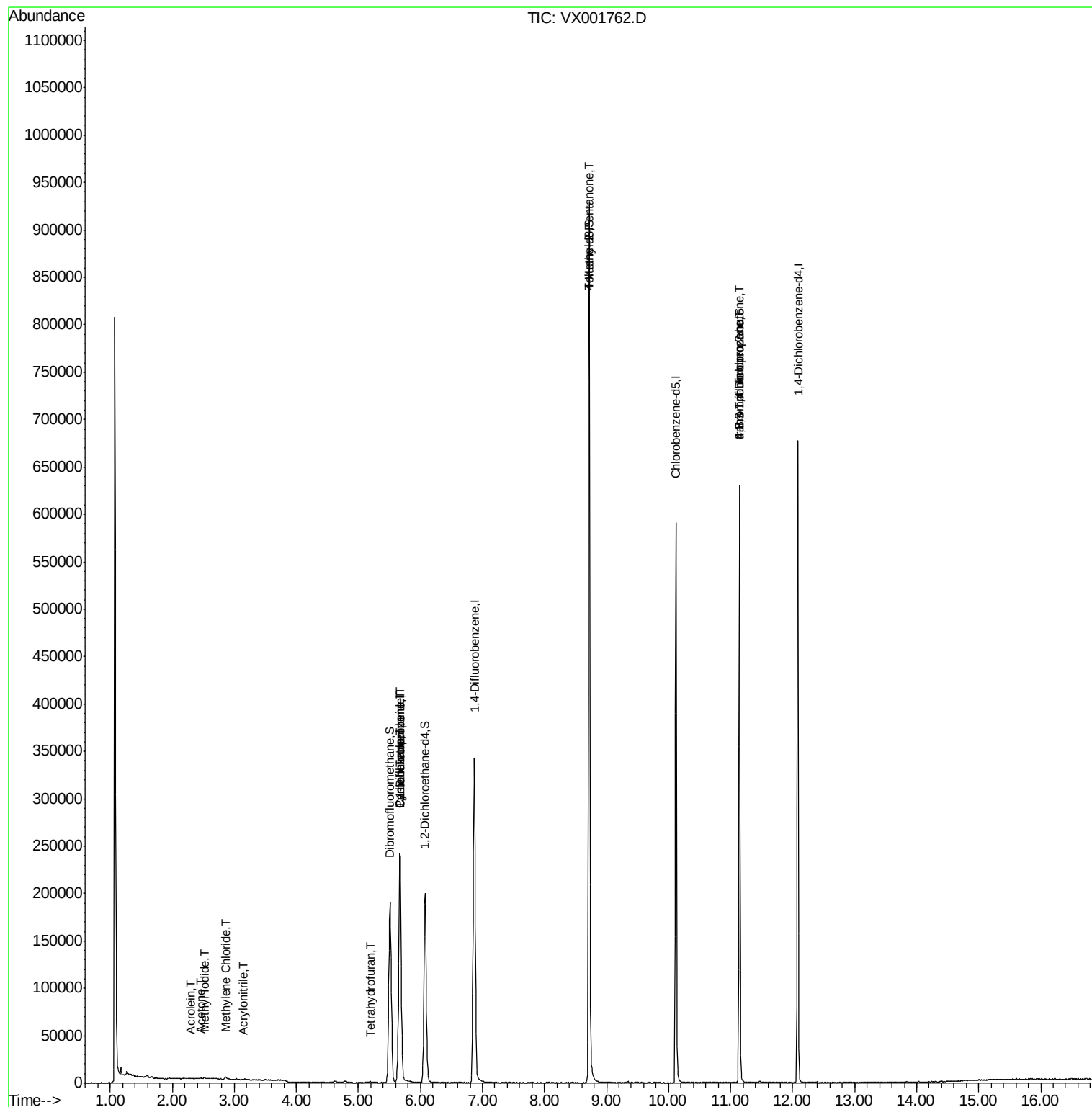
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	1261	Below Cal		92
10) Methyl Iodide	2.53	142	1631	0.66 ug/l		98
13) Acrolein	2.29	56	140	0.31 ug/l		89
15) Acrylonitrile	3.15	53	501	0.32 ug/l #		81
16) Acetone	2.45	43	672	0.48 ug/l		96
20) Methylene Chloride	2.86	84	961	0.32 ug/l #		82
29) Tetrahydrofuran	5.18	42	783	0.57 ug/l #		64
31) Cyclohexane	5.67	56	4255	0.96 ug/l #		1
36) 1,1-Dichloropropene	5.67	75	15351	3.74 ug/l #		49
38) Carbon Tetrachloride	5.67	117	22636	5.27 ug/l #		16
51) 4-Methyl-2-Pentanone	8.72	43	2582	0.61 ug/l #		1
76) 1,2,3-Trichloropropane	11.14	75	75467	26.26 ug/l #		39
81) trans-1,4-Dichloro-2-buten	11.14	75	75467	76.38 ug/l #		10

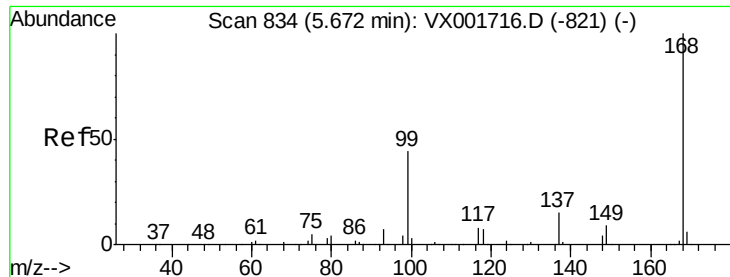
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051618\
Data File : VX001762.D
Acq On : 16 May 2018 12:29
Operator : JC/MD
Sample : VX0516WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0516WBL01

Quant Time: May 17 02:54:11 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# 834

Delta R.T. -0.00 min

Lab File: VX001762.D

Acq: 16 May 2018 12:29

Instrument :

MSVOA_X

ClientSampleId :

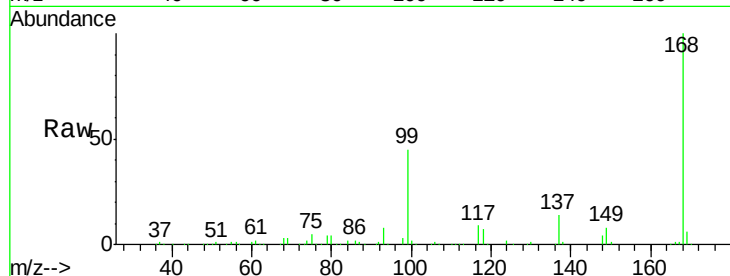
VX0516WBL01

Tgt Ion:168 Resp: 263693

Ion Ratio Lower Upper

168 100

99 44.7 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

100000

80000

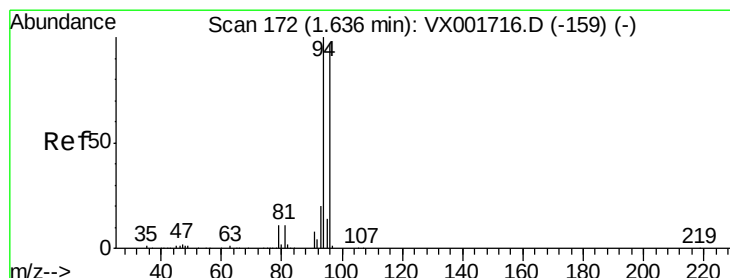
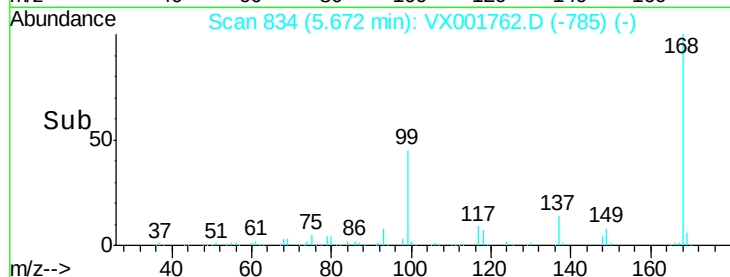
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001762.D

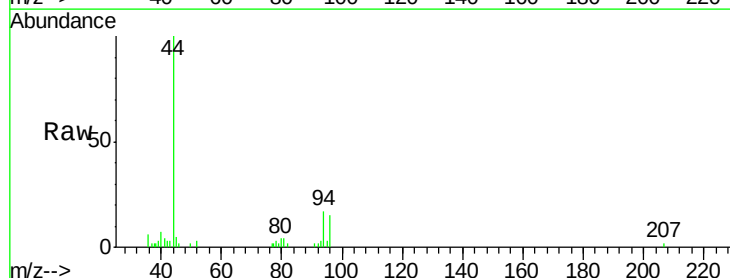
Acq: 16 May 2018 12:29

Tgt Ion: 94 Resp: 1261

Ion Ratio Lower Upper

94 100

96 88.8 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

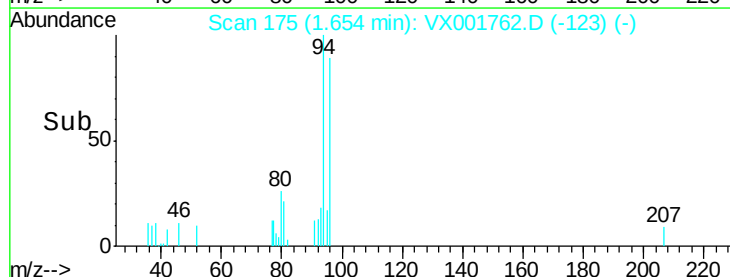
600

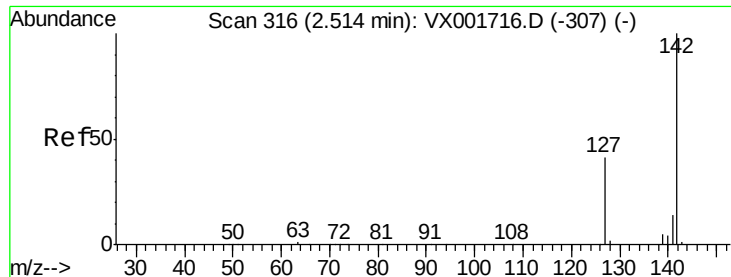
400

200

0

Time--> 1.60 1.65 1.70

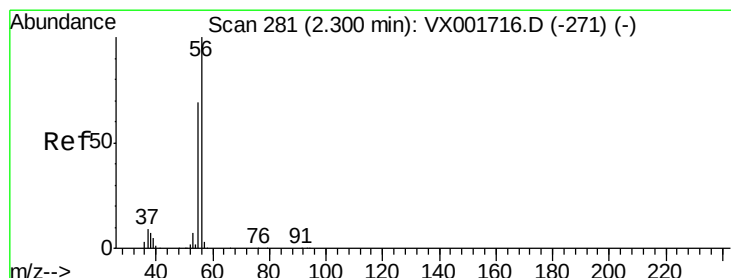
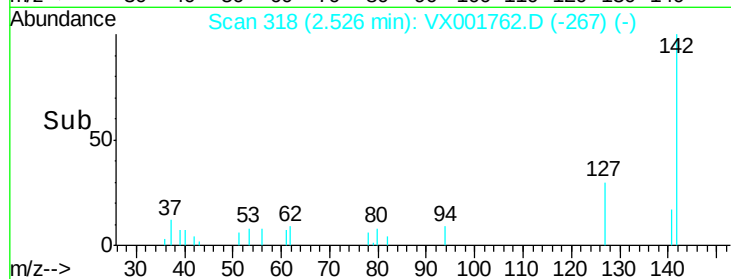
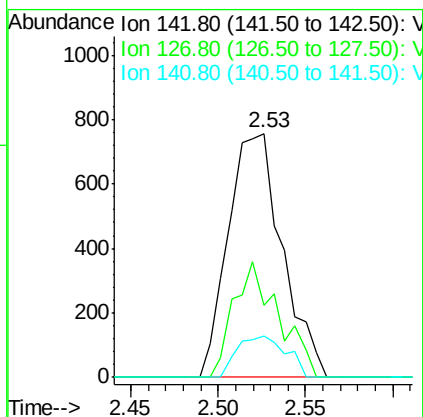
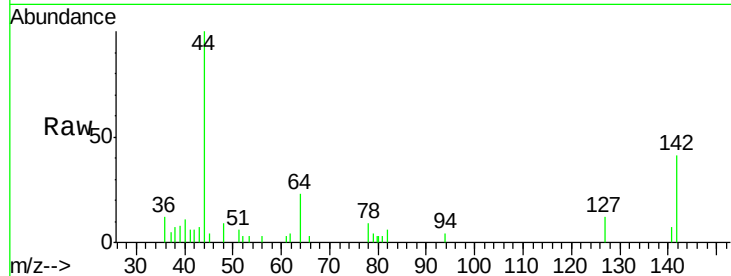




#10
Methyl Iodide
Concen: 0.66 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX001762.D
Acq: 16 May 2018 12:29

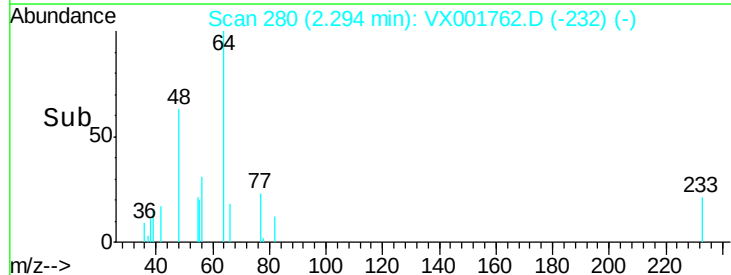
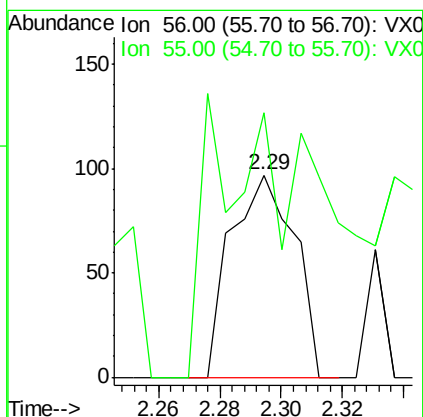
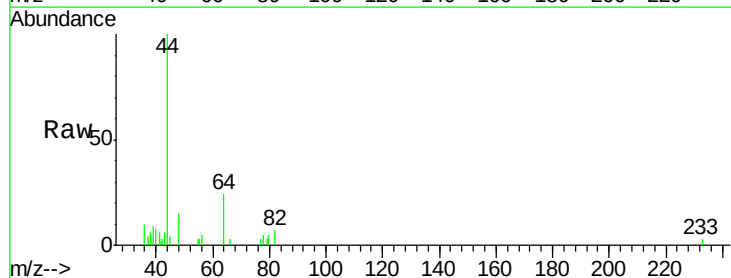
Instrument :
MSVOA_X
ClientSampleId :
VX0516WBL01

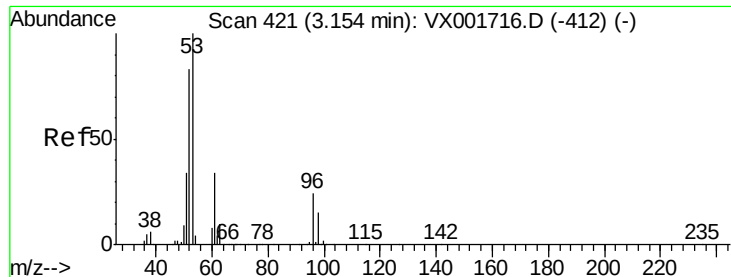
Tgt Ion:142 Resp: 1631
Ion Ratio Lower Upper
142 100
127 39.5 32.5 48.7
141 15.3 11.4 17.0



#13
Acrolein
Concen: 0.31 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX001762.D
Acq: 16 May 2018 12:29

Tgt Ion: 56 Resp: 140
Ion Ratio Lower Upper
56 100
55 79.3 56.2 84.2





#15

Acrylonitrile

Concen: 0.32 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX001762.D

Acq: 16 May 2018 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0516WBL01

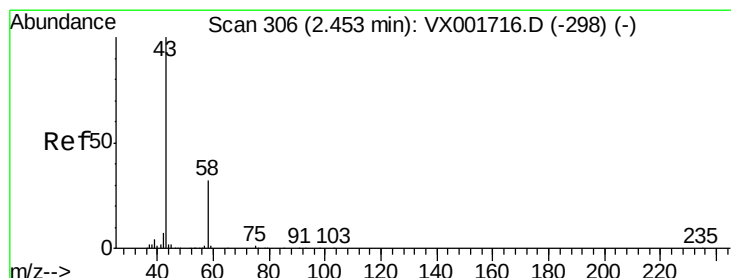
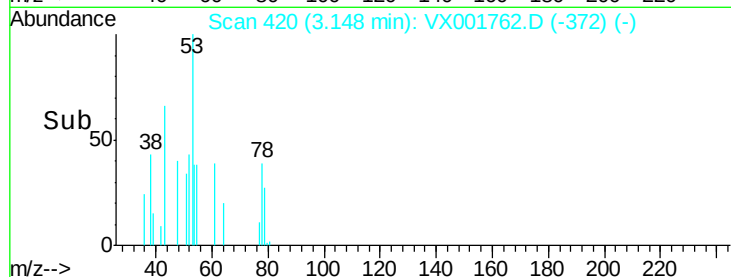
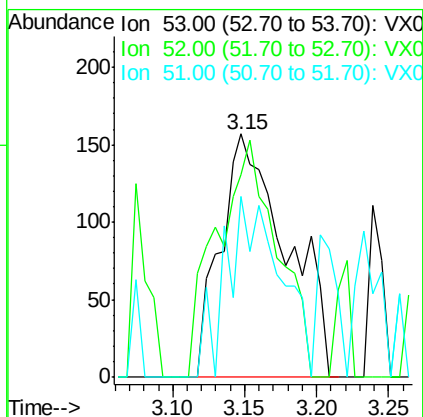
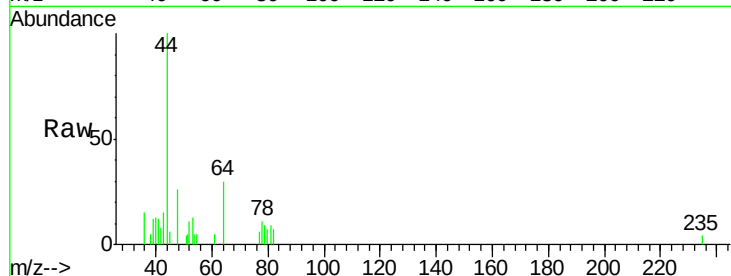
Tgt Ion: 53 Resp: 501

Ion Ratio Lower Upper

53 100

52 89.2 65.6 98.4

51 61.3 28.1 42.1#



#16

Acetone

Concen: 0.48 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001762.D

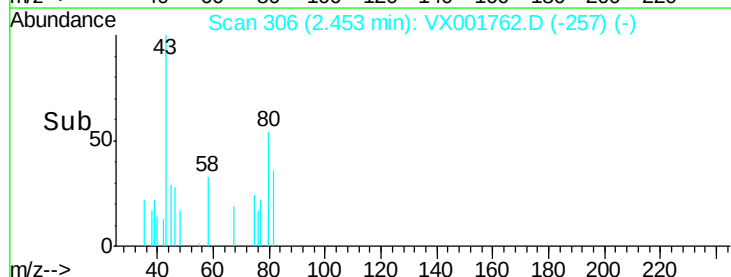
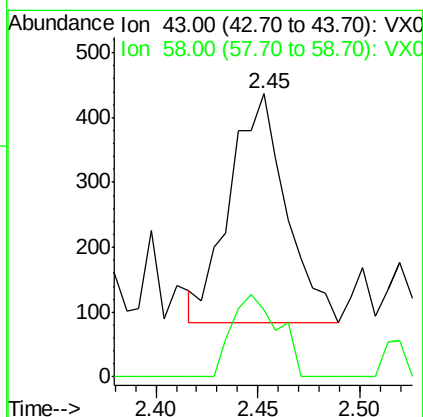
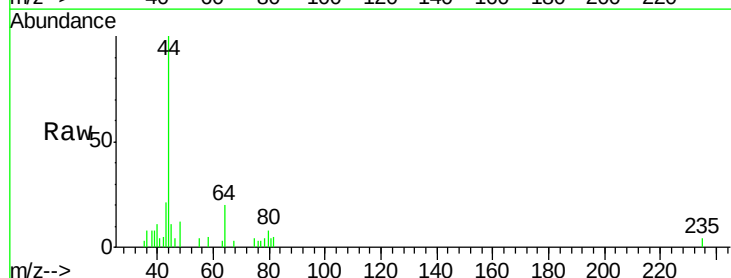
Acq: 16 May 2018 12:29

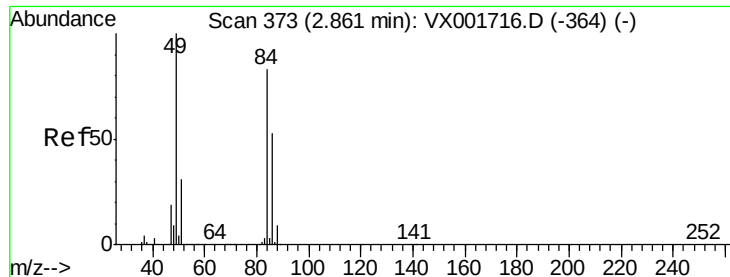
Tgt Ion: 43 Resp: 672

Ion Ratio Lower Upper

43 100

58 29.2 25.3 37.9

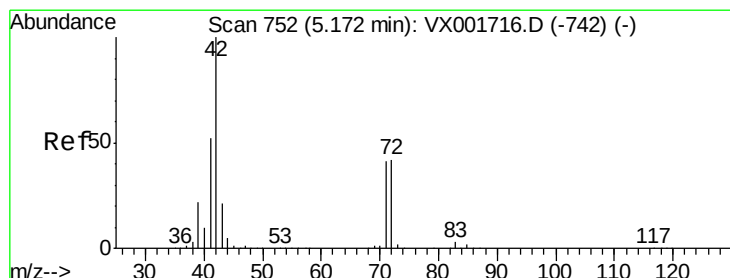
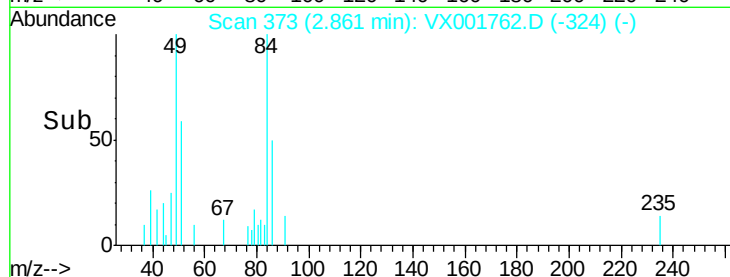
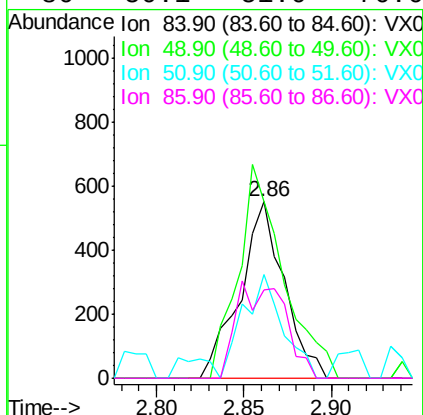
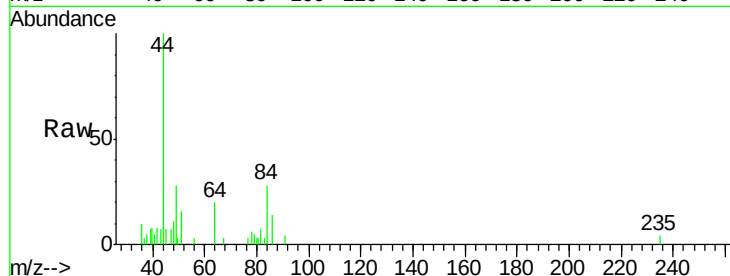




#20
Methylene Chloride
Concen: 0.32 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001762.D
Acq: 16 May 2018 12:29

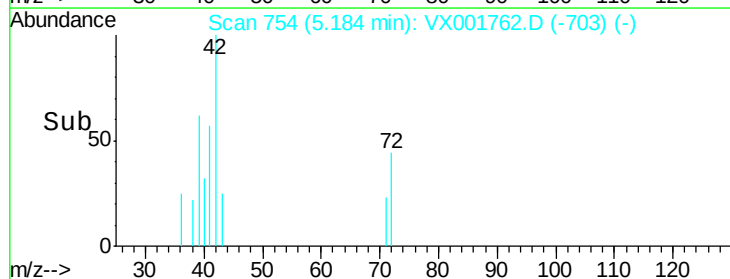
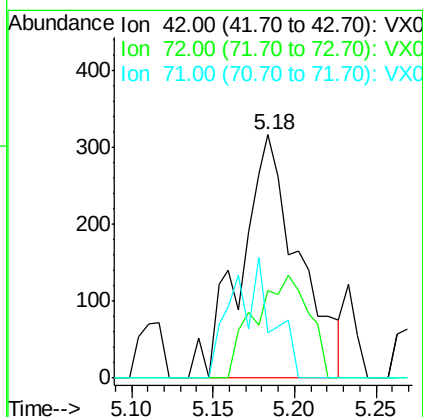
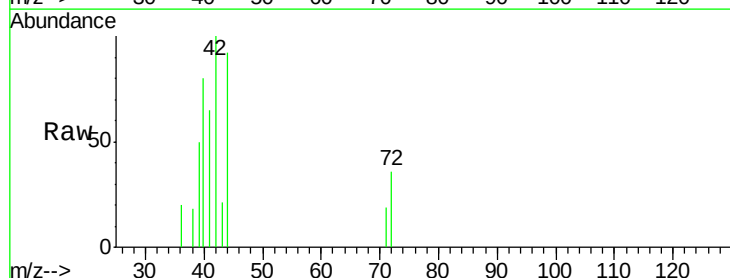
Instrument :
MSVOA_X
ClientSampleId :
VX0516WBL01

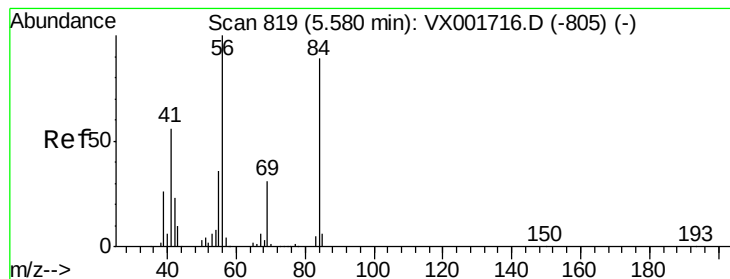
Tgt Ion:	84	Resp:	961
Ion	Ratio	Lower	Upper
84	100		
49	100.0	96.3	144.5
51	49.4	29.8	44.6#
86	50.1	51.0	76.6#



#29
Tetrahydrofuran
Concen: 0.57 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX001762.D
Acq: 16 May 2018 12:29

Tgt Ion:	42	Resp:	783
Ion	Ratio	Lower	Upper
42	100		
72	39.1	35.4	53.2
71	0.0	33.2	49.8#





#31

Cyclohexane

Concen: 0.96 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.09 min

Lab File: VX001762.D

Acq: 16 May 2018 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0516WBL01

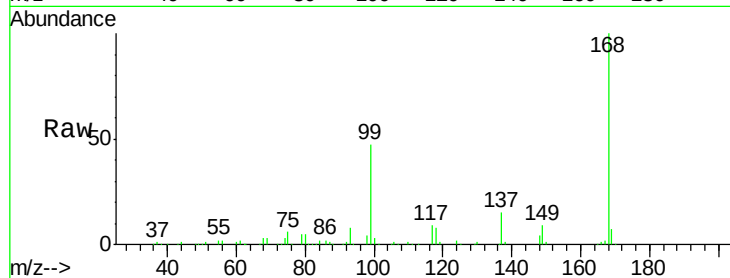
Tgt Ion: 56 Resp: 4255

Ion Ratio Lower Upper

56 100

69 201.8 25.0 37.6#

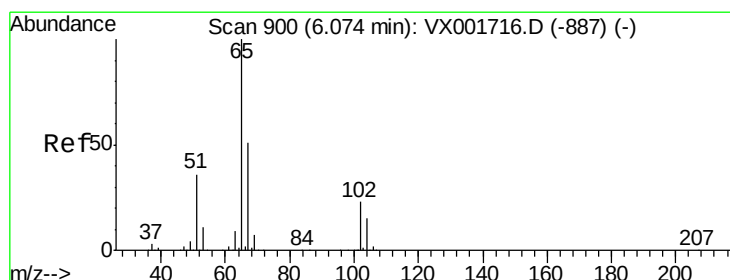
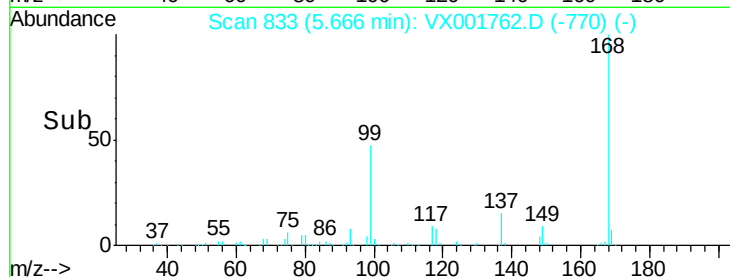
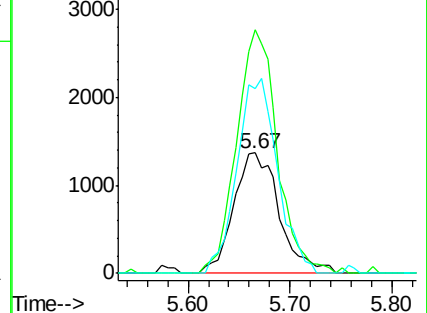
84 153.0 71.0 106.4#



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: 53.53 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001762.D

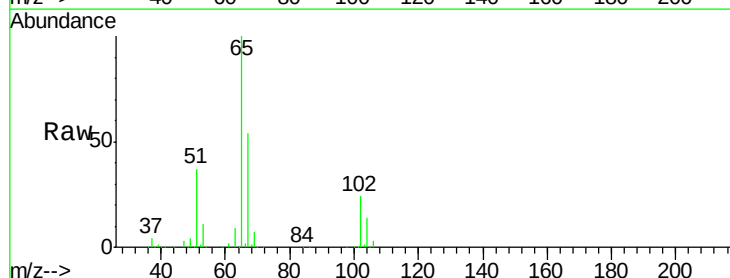
Acq: 16 May 2018 12:29

Tgt Ion: 65 Resp: 189200

Ion Ratio Lower Upper

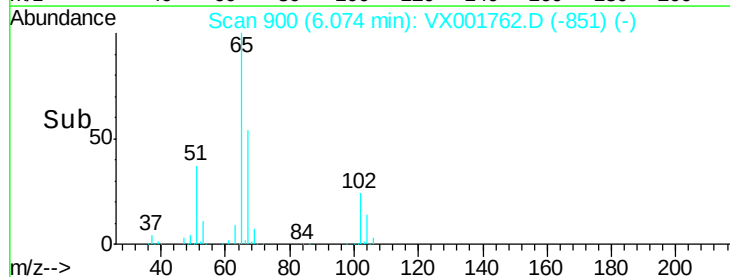
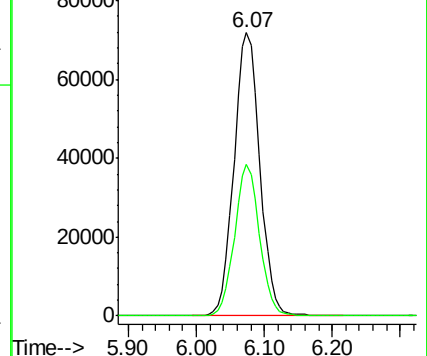
65 100

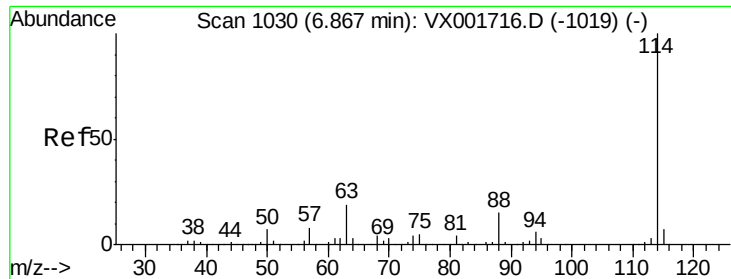
67 51.4 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

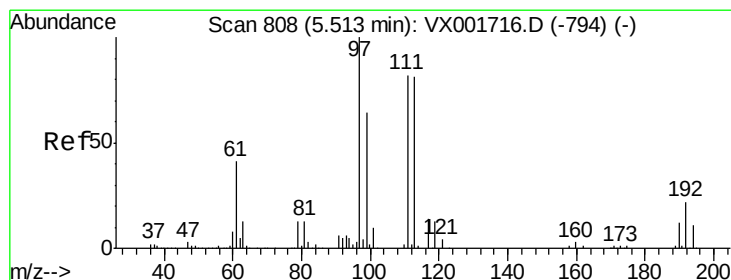
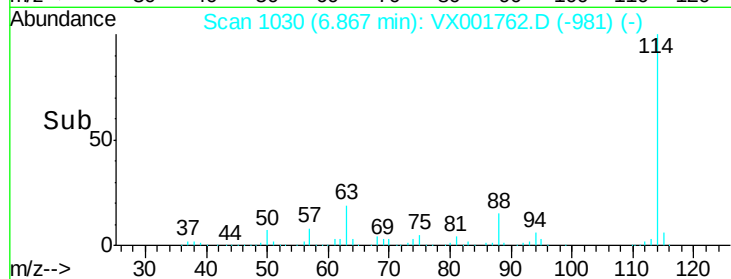
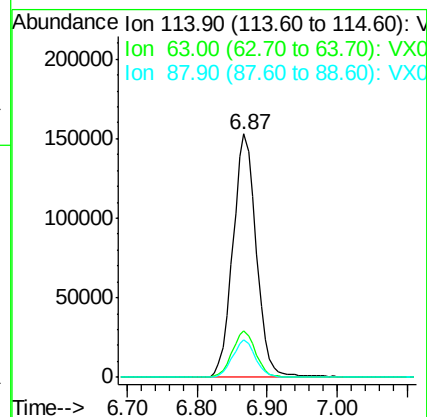
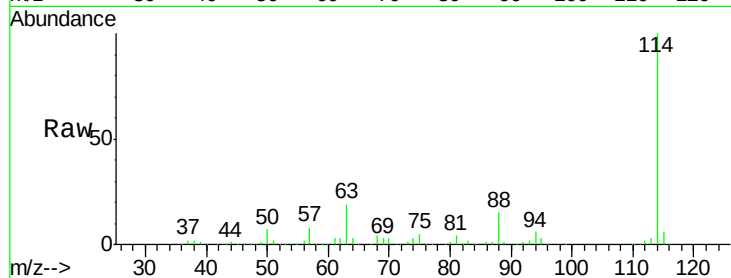




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001762.D
 Acq: 16 May 2018 12:29

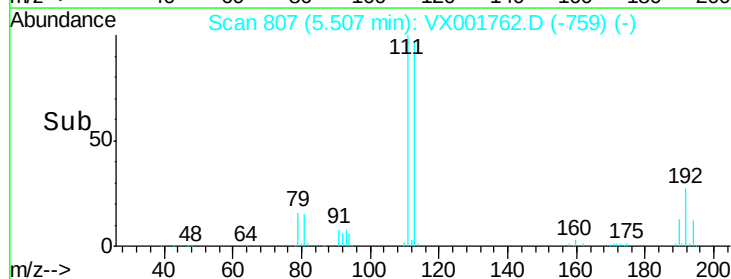
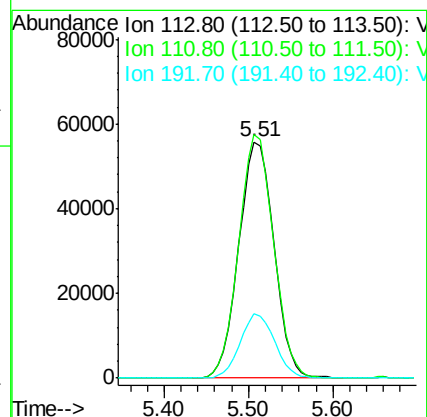
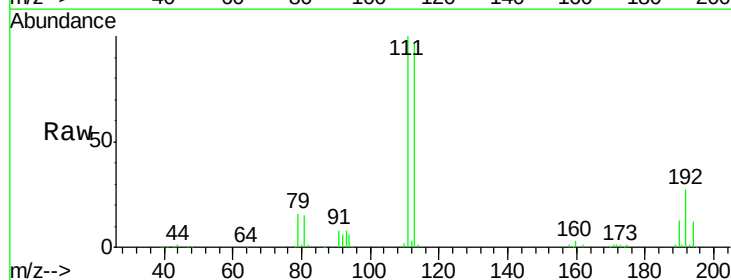
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516WBL01

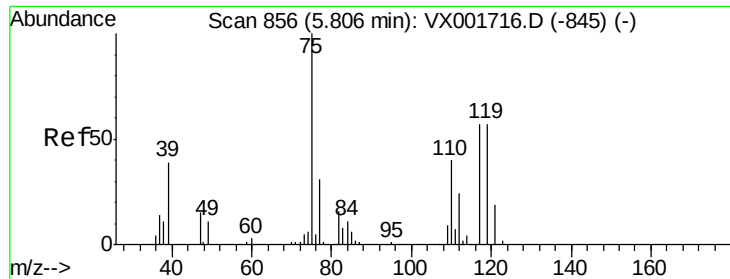
Tgt Ion:114 Resp: 356434
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 37.0
 88 15.2 0.0 29.8



#35
 Dibromofluoromethane
 Concen: 52.52 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX001762.D
 Acq: 16 May 2018 12:29

Tgt Ion:113 Resp: 157979
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.0 123.0
 192 26.7 21.6 32.4

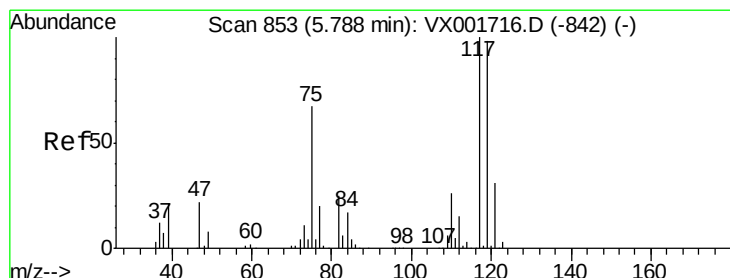
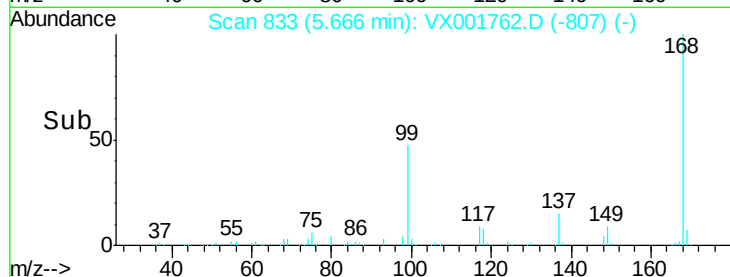
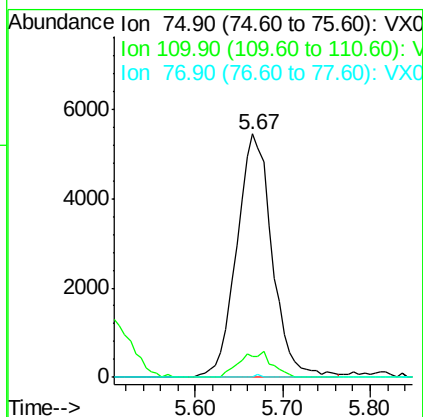
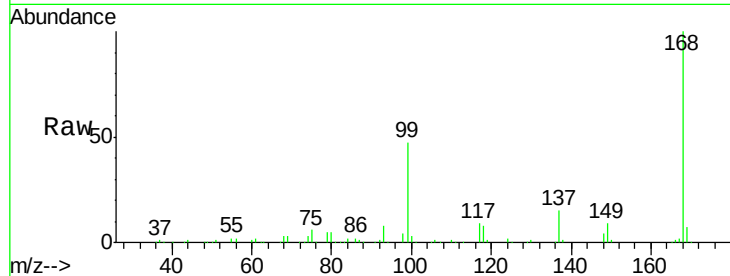




#36
 1,1-Dichloropropene
 Concen: 3.74 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX001762.D
 Acq: 16 May 2018 12:29

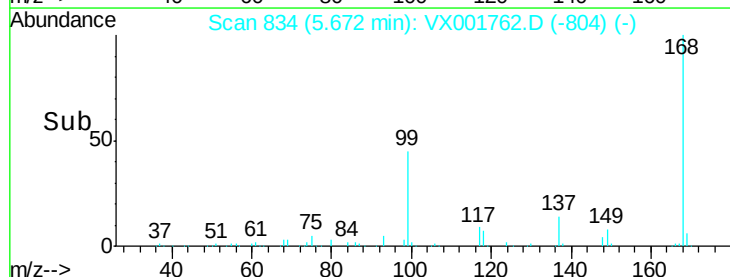
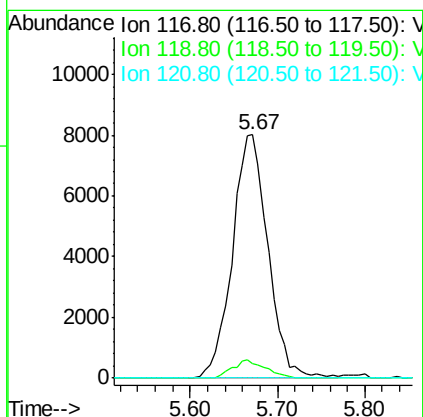
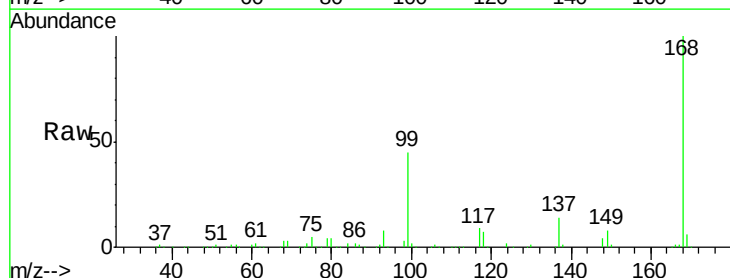
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516WBL01

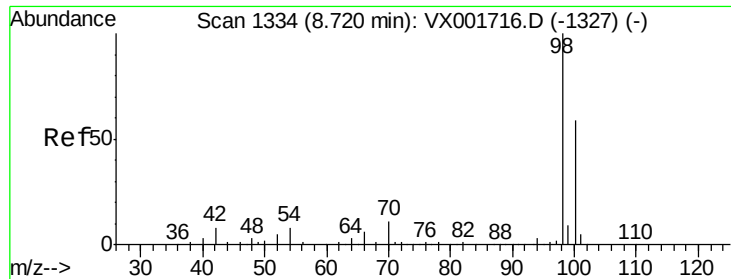
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.5	19.1	57.1#
77	0.1	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 5.27 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX001762.D
 Acq: 16 May 2018 12:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.7	77.6	116.4#
121	0.0	24.6	36.8#

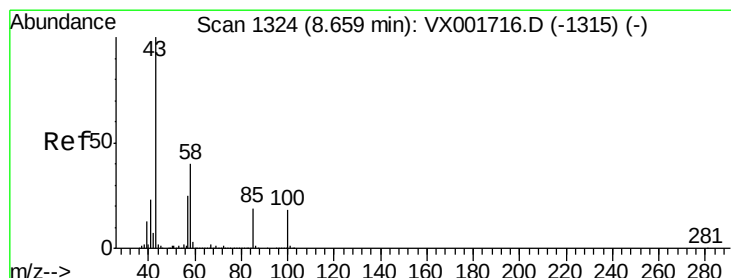
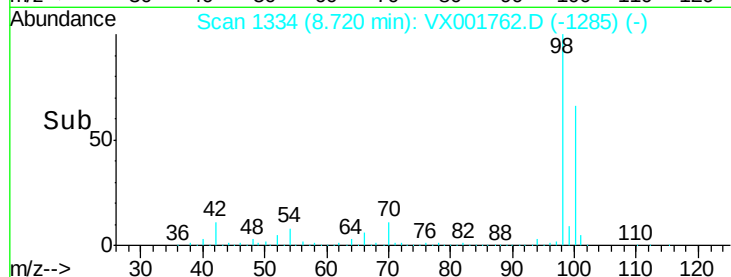
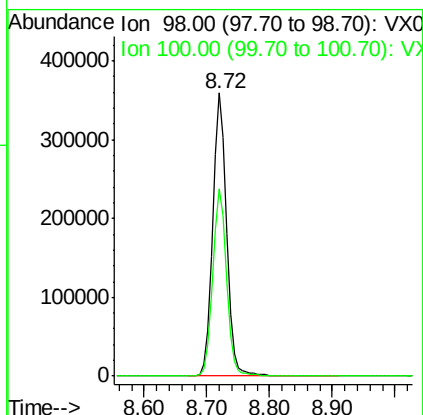
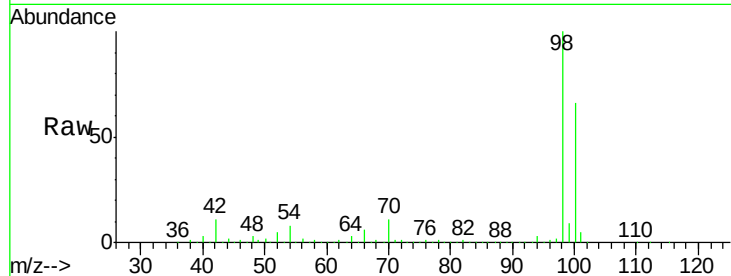




#50
Toluene-d8
Concen: 51.23 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001762.D
Acq: 16 May 2018 12:29

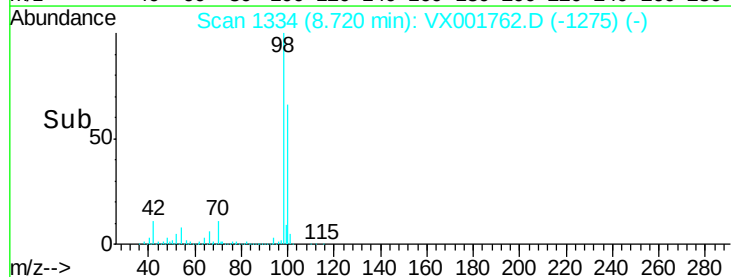
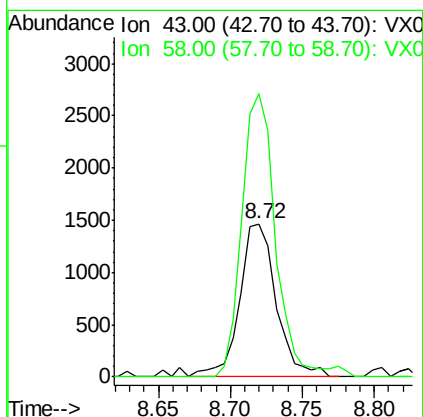
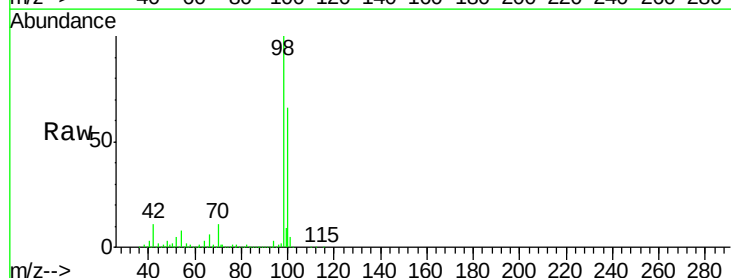
Instrument :
MSVOA_X
ClientSampleId :
VX0516WBL01

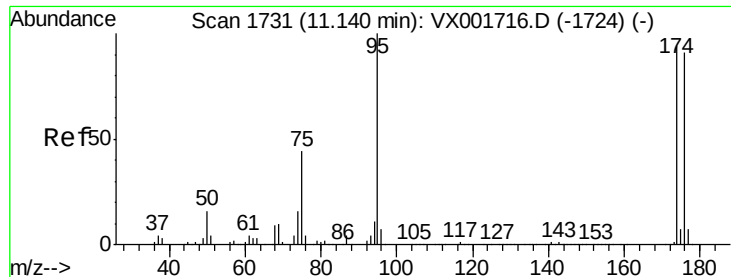
Tgt Ion: 98 Resp: 551851
Ion Ratio Lower Upper
98 100
100 66.1 54.0 81.0



#51
4-Methyl-2-Pentanone
Concen: 0.61 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.06 min
Lab File: VX001762.D
Acq: 16 May 2018 12:29

Tgt Ion: 43 Resp: 2582
Ion Ratio Lower Upper
43 100
58 168.0 31.4 47.0#

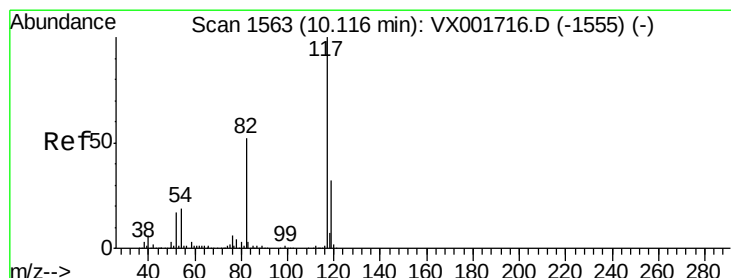
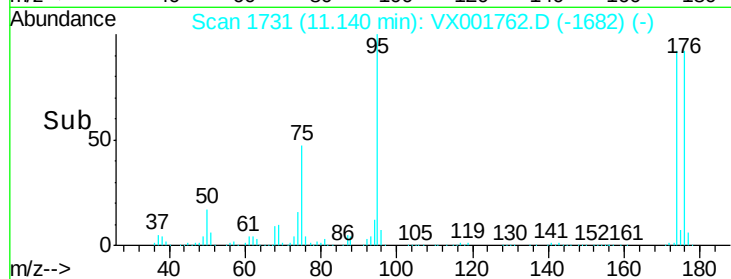
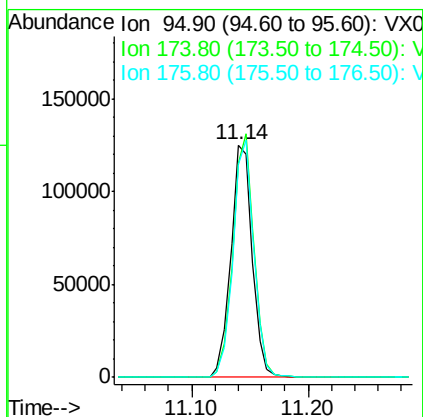
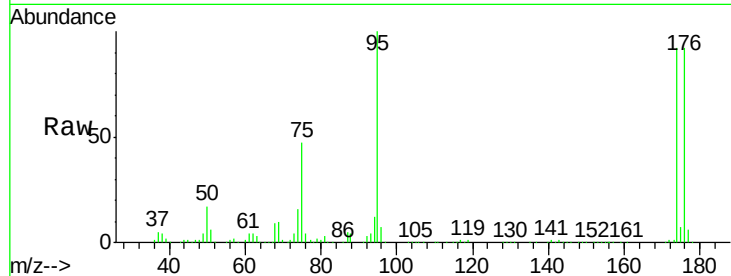




#62
 4-Bromofluorobenzene
 Concen: 41.34 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX001762.D
 Acq: 16 May 2018 12:29

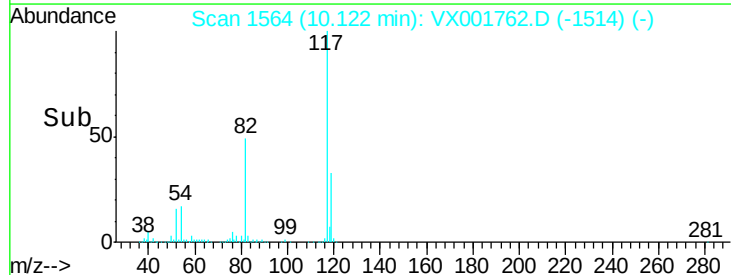
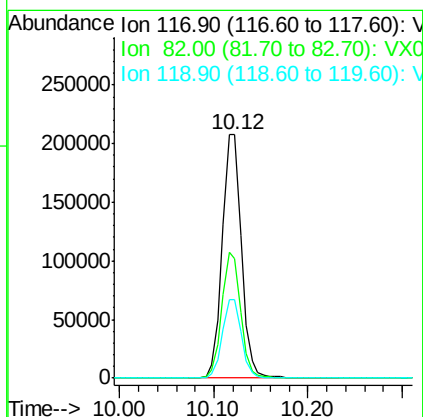
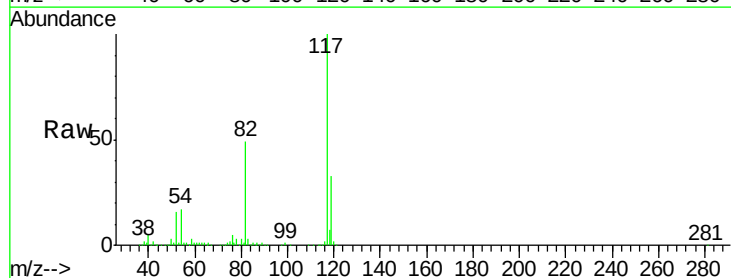
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516WBL01

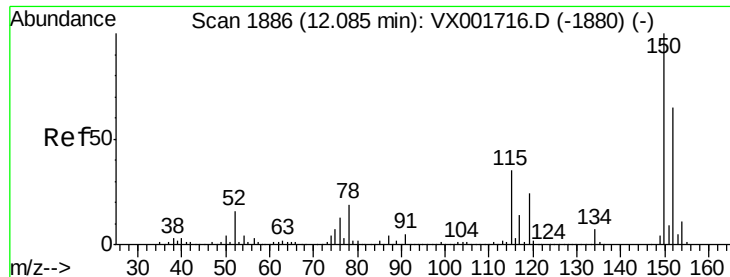
Tgt Ion: 95 Resp: 160362
 Ion Ratio Lower Upper
 95 100
 174 102.4 0.0 201.8
 176 99.6 0.0 196.8



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.12 min Scan# 1564
 Delta R.T. 0.01 min
 Lab File: VX001762.D
 Acq: 16 May 2018 12:29

Tgt Ion: 117 Resp: 294993
 Ion Ratio Lower Upper
 117 100
 82 49.3 41.4 62.2
 119 32.5 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001762.D

Acq: 16 May 2018 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0516WBL01

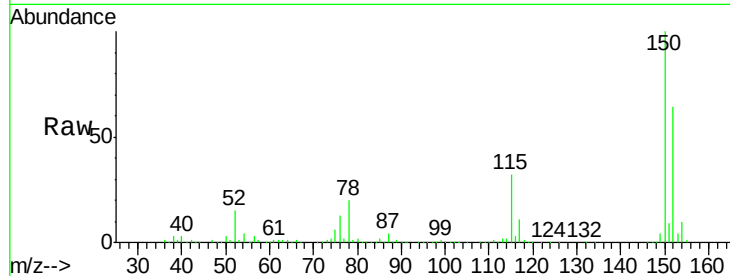
Tgt Ion:152 Resp: 151144

Ion Ratio Lower Upper

152 100

115 51.6 37.4 112.2

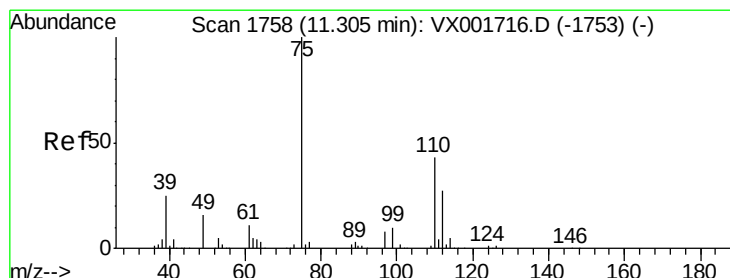
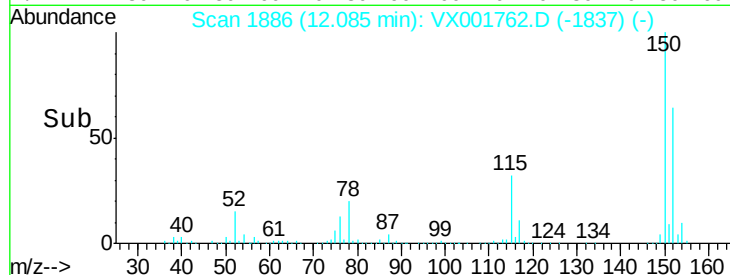
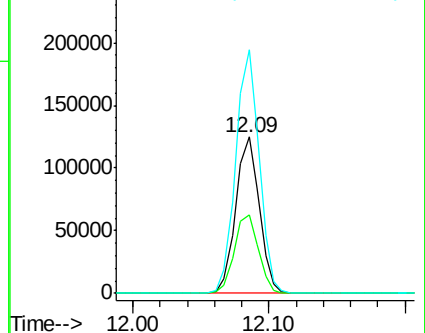
150 155.1 0.0 344.8



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: VX001762.D

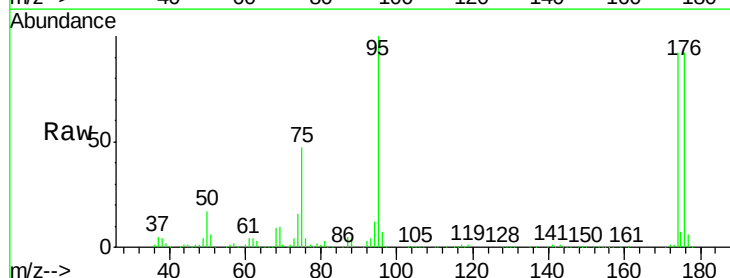
Acq: 16 May 2018 12:29

Tgt Ion: 75 Resp: 75467

Ion Ratio Lower Upper

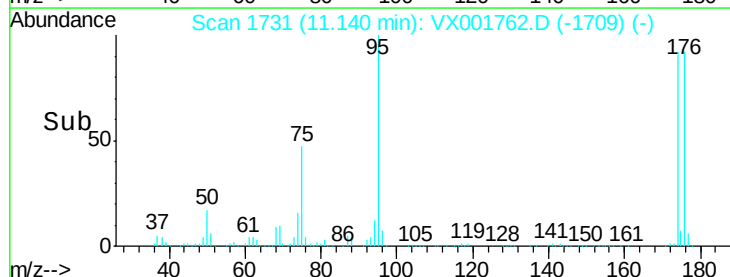
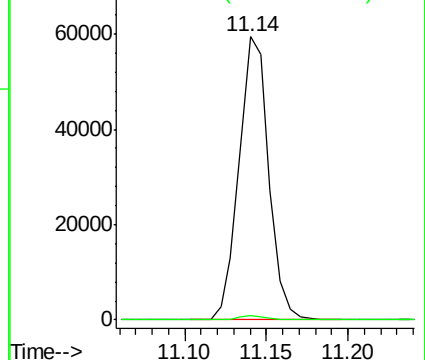
75 100

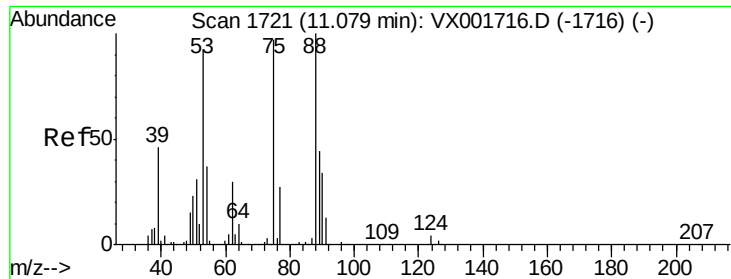
77 1.4 18.9 56.7#



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: 76.38 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001762.D

Acq: 16 May 2018 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0516WBL01

Tgt Ion: 75 Resp: 75467

Ion Ratio Lower Upper

75 100

53 0.0 79.4 119.2#

89 0.0 38.8 58.2#

