

Data File : VX001575.D
Acq On : 10 May 2018 00:40
Operator : JC/MD
Sample : VX0509WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0509WBL02

Quant Time: May 10 04:32:05 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	244063	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	330139	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	293325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	159325	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	195672	55.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.56%	
35) Dibromofluoromethane	5.51	113	152410	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
50) Toluene-d8	8.72	98	535521	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	11.15	95	175373	42.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.24%	

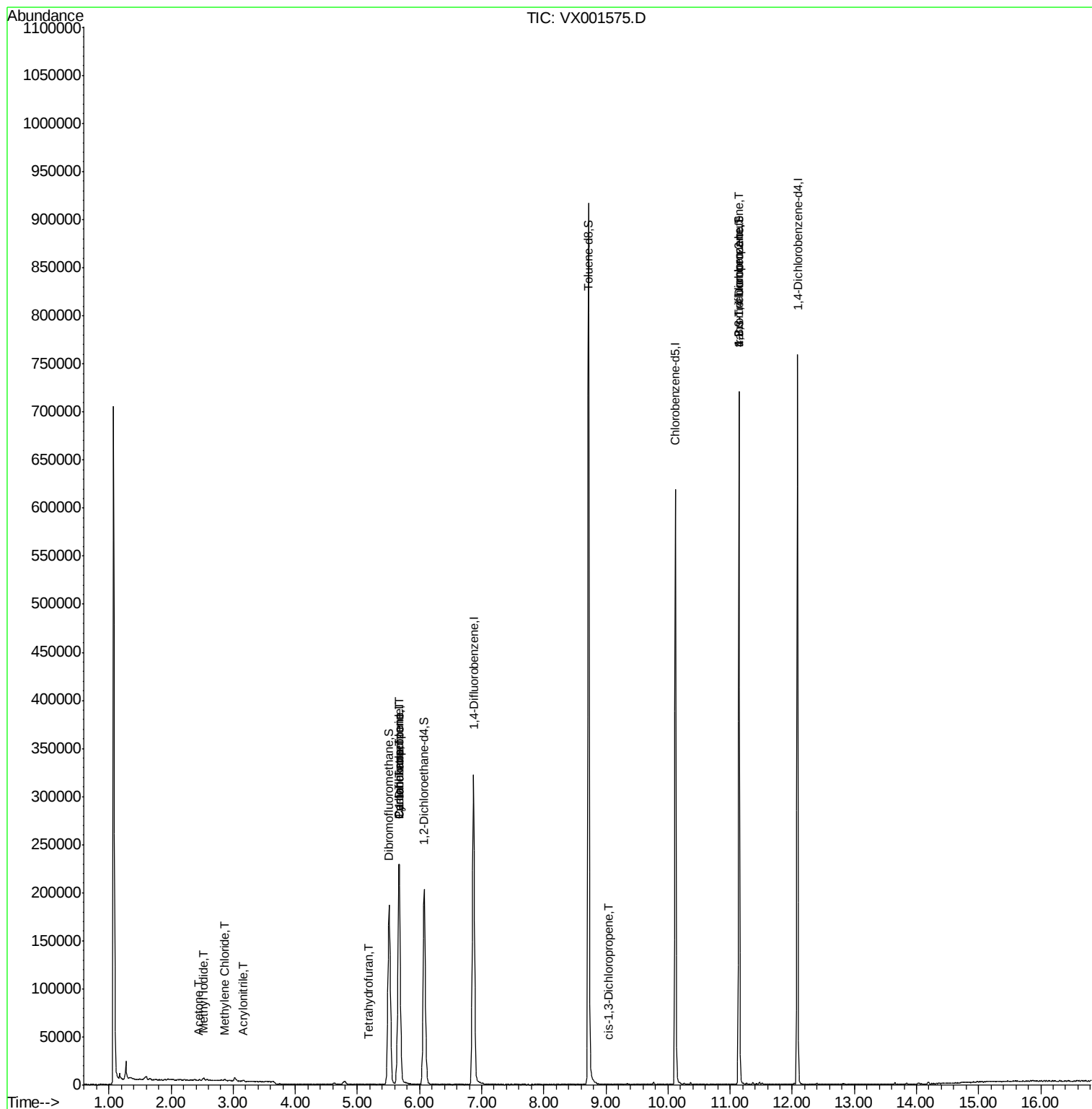
Target Compounds				Qvalue		
5) Bromomethane	1.65	94	1258	Below Cal		83
10) Methyl Iodide	2.51	142	2801	0.66 ug/l		97
13) Acrolein	2.31	56	106	Below Cal	#	66
15) Acrylonitrile	3.15	53	377	0.23 ug/l	#	30
16) Acetone	2.45	43	846	0.53 ug/l	#	81
20) Methylene Chloride	2.87	84	682	0.22 ug/l	#	70
29) Tetrahydrofuran	5.19	42	503	0.34 ug/l	#	45
31) Cyclohexane	5.67	56	4339	0.96 ug/l	#	24
36) 1,1-Dichloropropene	5.67	75	15195	3.62 ug/l	#	50
38) Carbon Tetrachloride	5.67	117	21265	4.75 ug/l	#	15
54) cis-1,3-Dichloropropene	9.05	75	140	2.29 ug/l	#	60
76) 1,2,3-Trichloropropane	11.14	75	87067	26.94 ug/l	#	38
81) trans-1,4-Dichloro-2-buten	11.14	75	87067	82.83 ug/l	#	7

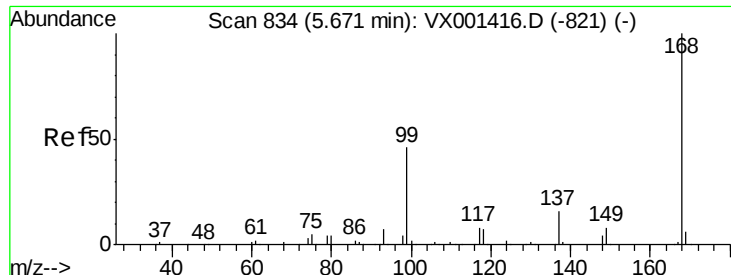
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

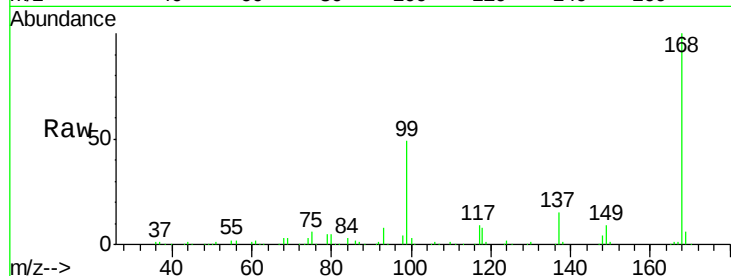
VX0509WBL02

Tgt Ion:168 Resp: 244063

Ion Ratio Lower Upper

168 100

99 48.9 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

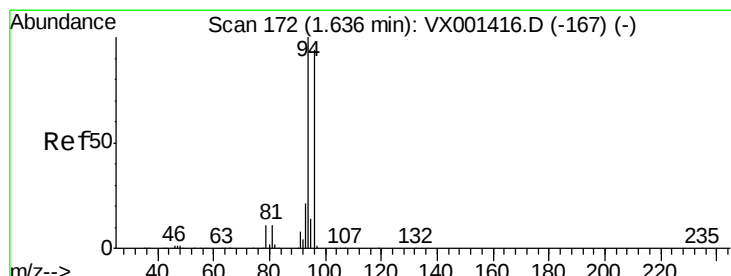
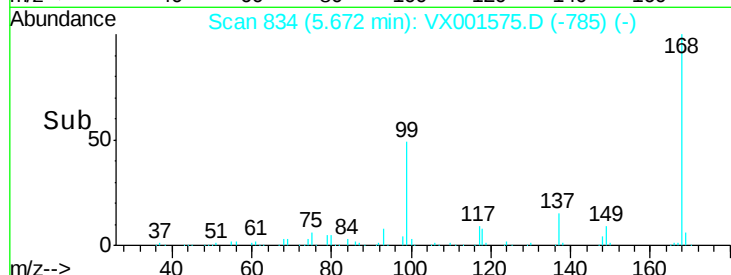
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001575.D

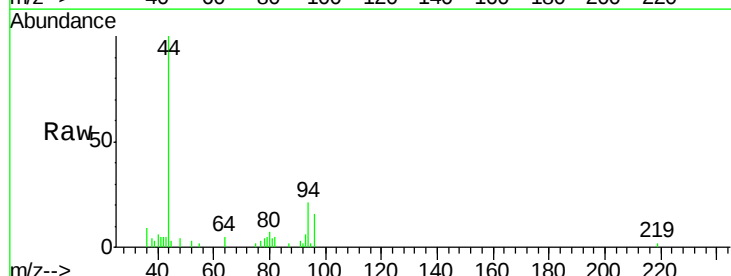
Acq: 10 May 2018 00:40

Tgt Ion: 94 Resp: 1258

Ion Ratio Lower Upper

94 100

96 77.1 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

600

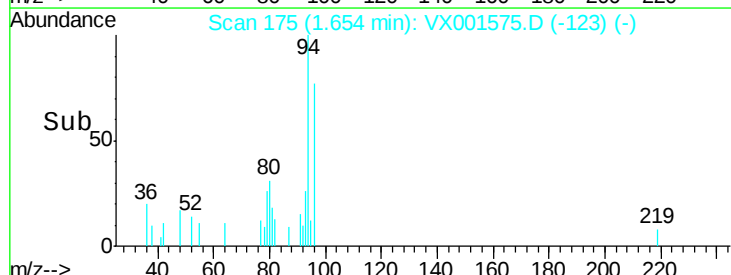
400

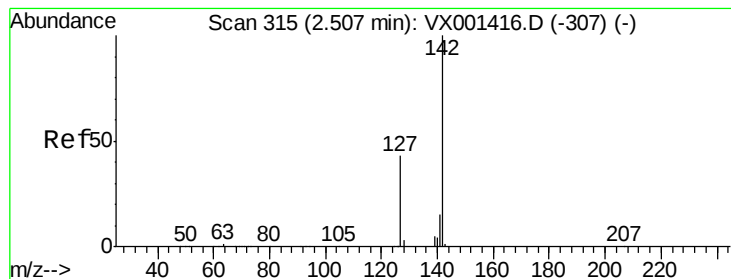
200

0

Time-->

1.60 1.65 1.70





#10

Methyl Iodide

Concen: 0.66 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX001575.D

Acq: 10 May 2018 00:40

Instrument :

MSVOA_X

ClientSampleId :

VX0509WBL02

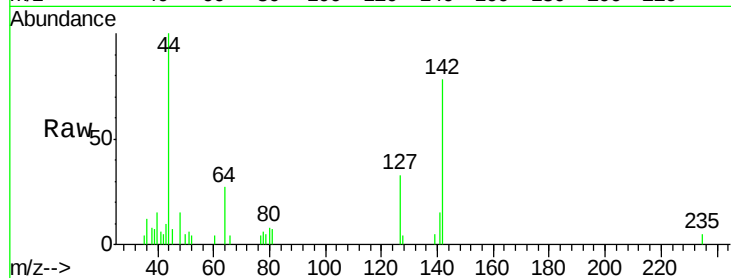
Tgt Ion:142 Resp: 2801

Ion Ratio Lower Upper

142 100

127 43.9 33.6 50.4

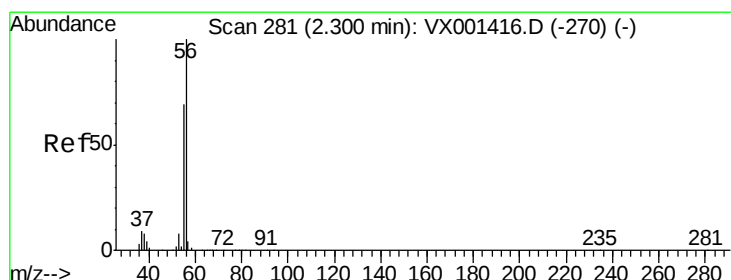
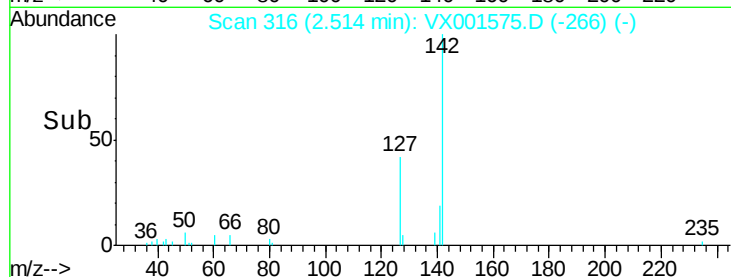
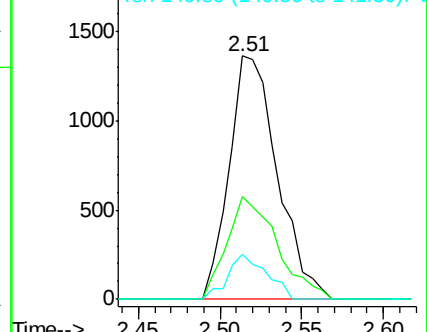
141 14.9 11.4 17.2



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: Below Cal

RT: 2.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: VX001575.D

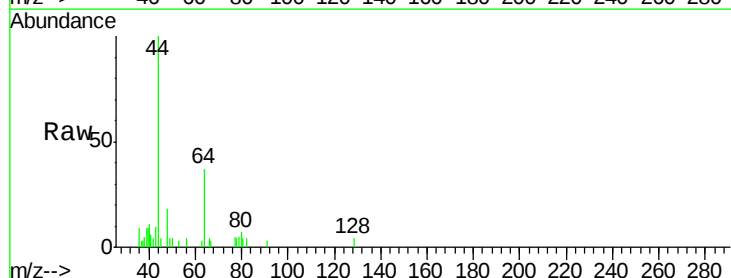
Acq: 10 May 2018 00:40

Tgt Ion: 56 Resp: 106

Ion Ratio Lower Upper

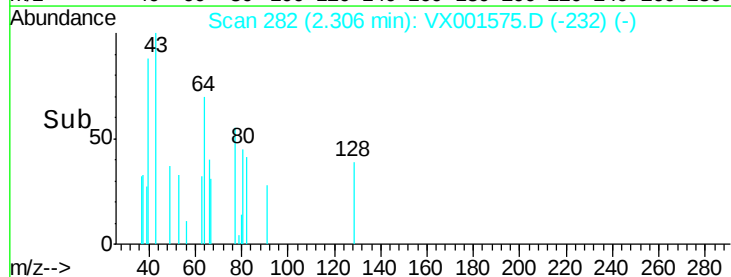
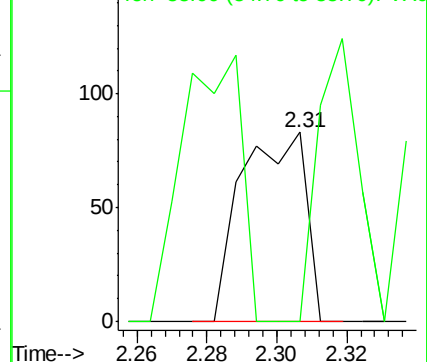
56 100

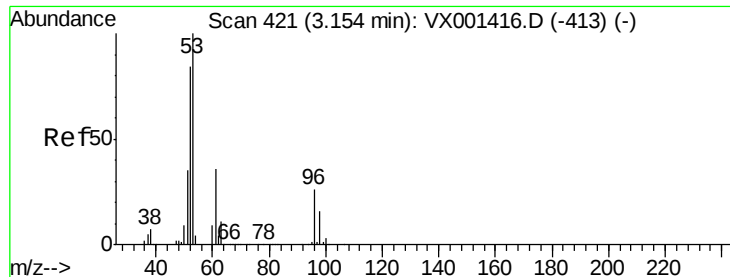
55 95.3 54.5 81.7#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

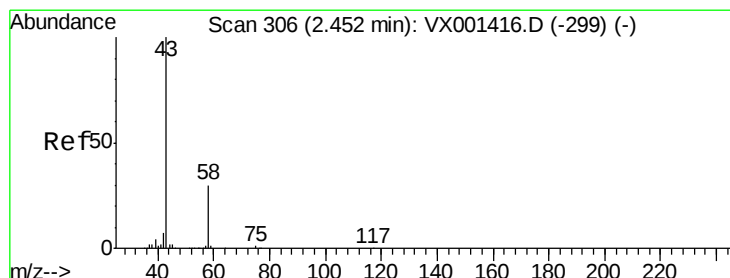
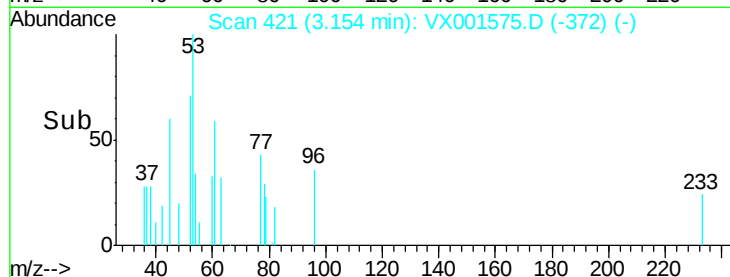
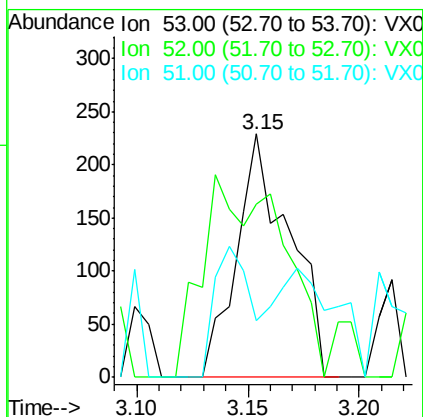
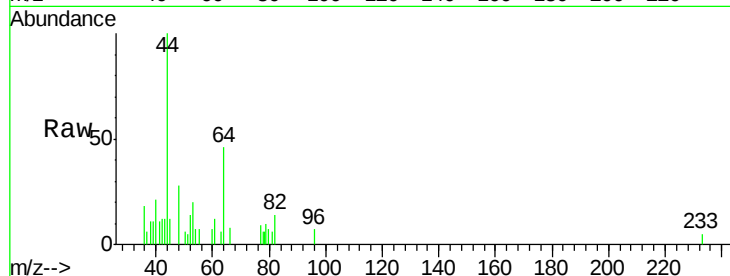




#15
 Acrylonitrile
 Concen: 0.23 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: VX001575.D
 Acq: 10 May 2018 00:40

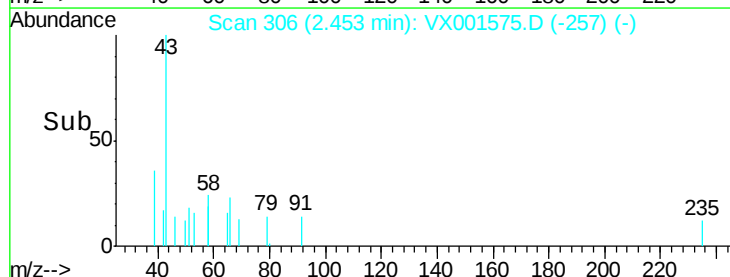
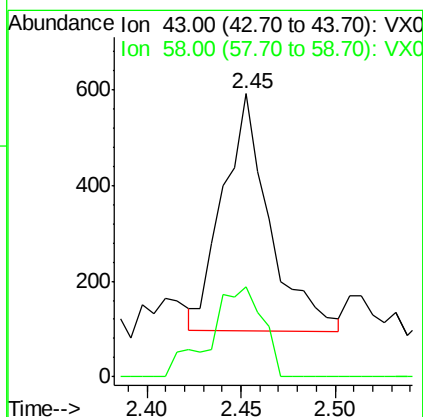
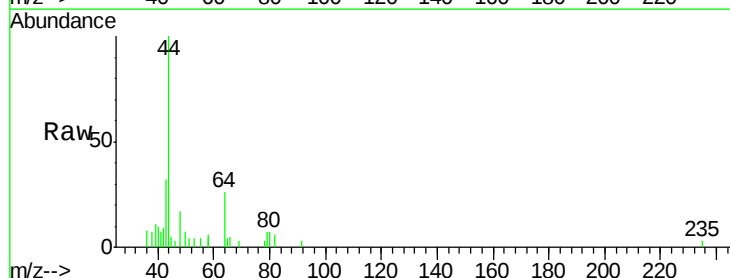
Instrument :
 MSVOA_X
 ClientSampled :
 VX0509WBL02

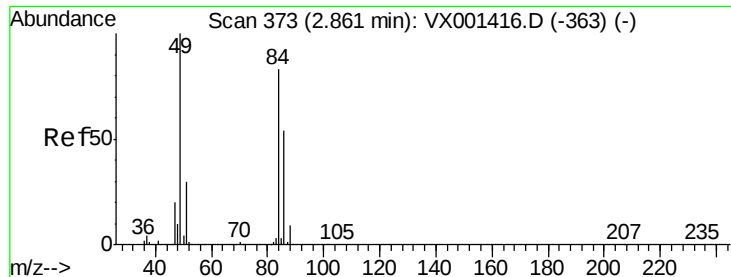
Tgt Ion: 53 Resp: 377
 Ion Ratio Lower Upper
 53 100
 52 0.0 66.2 99.2#
 51 46.2 28.6 43.0#



#16
 Acetone
 Concen: 0.53 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. 0.00 min
 Lab File: VX001575.D
 Acq: 10 May 2018 00:40

Tgt Ion: 43 Resp: 846
 Ion Ratio Lower Upper
 43 100
 58 39.8 23.8 35.8#

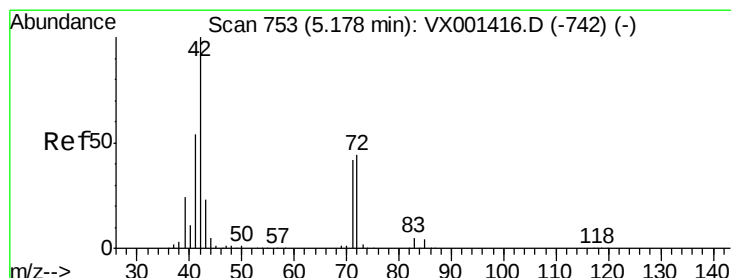
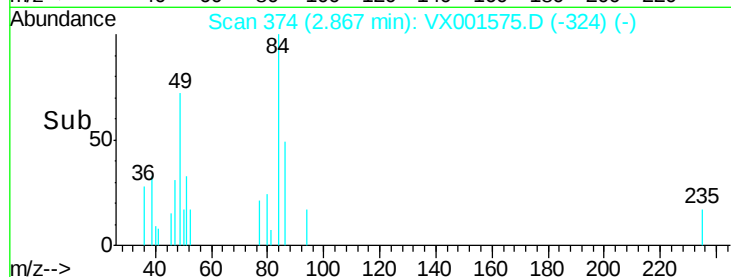
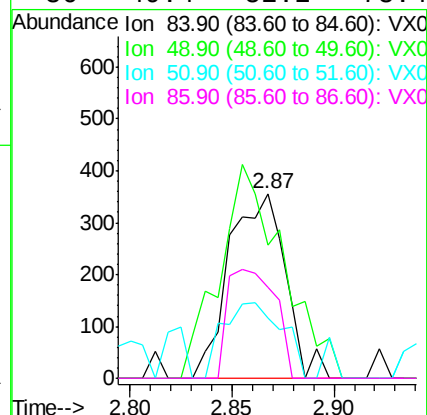
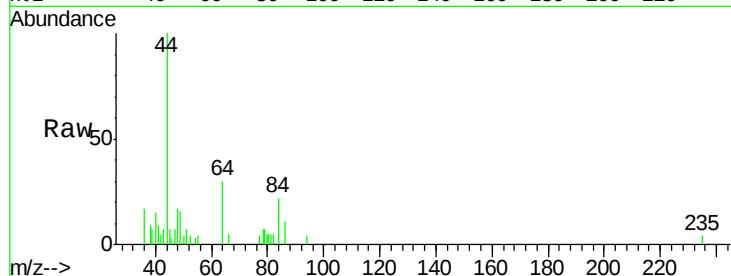




#20
Methylene Chloride
Concen: 0.22 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX001575.D
Acq: 10 May 2018 00:40

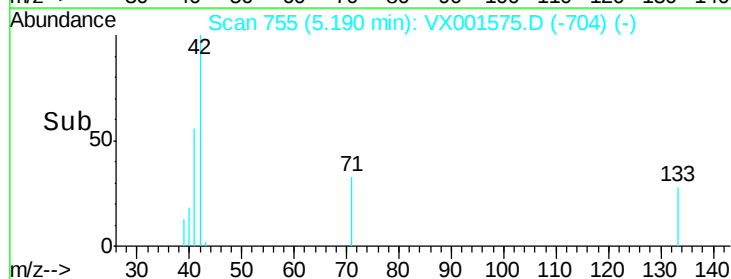
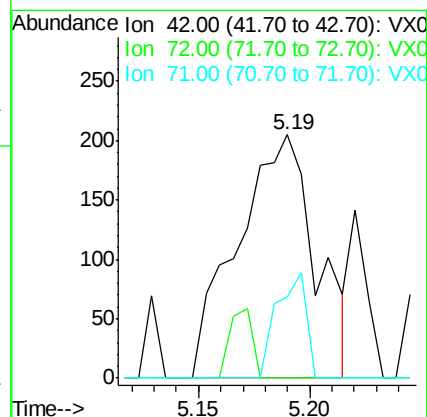
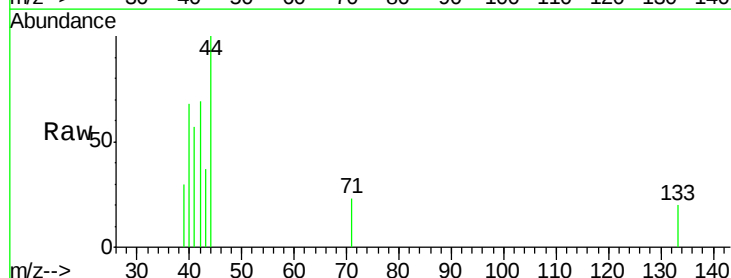
Instrument :
MSVOA_X
ClientSampleId :
VX0509WBL02

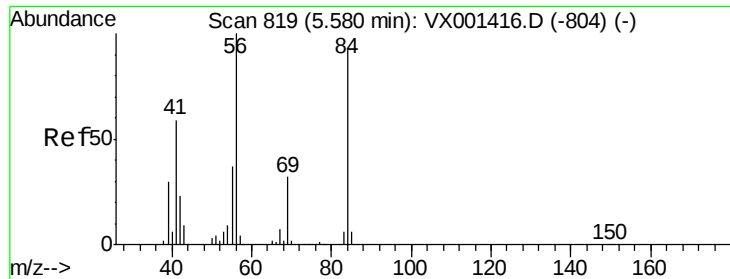
Tgt Ion:	84	Resp:	682
Ion	Ratio	Lower	Upper
84	100		
49	72.5	96.6	144.8#
51	32.6	29.0	43.4
86	49.4	52.2	78.4#



#29
Tetrahydrofuran
Concen: 0.34 ug/l
RT: 5.19 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX001575.D
Acq: 10 May 2018 00:40

Tgt Ion:	42	Resp:	503
Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.4	53.2#
71	15.9	33.0	49.4#

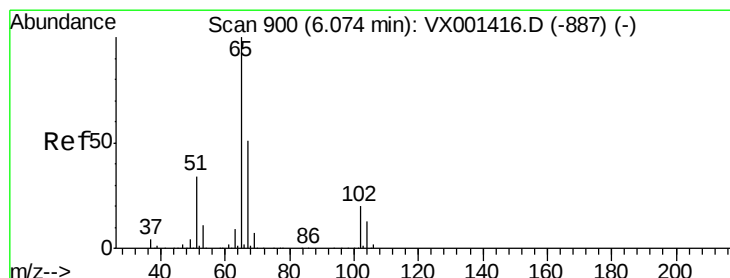
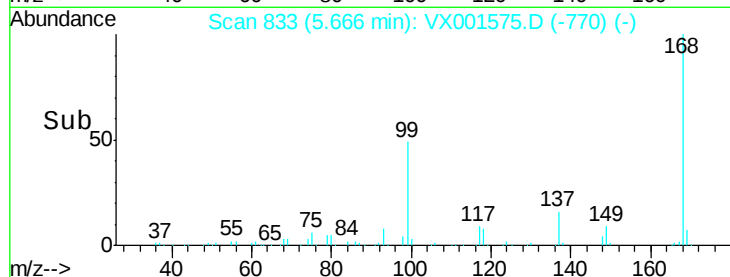
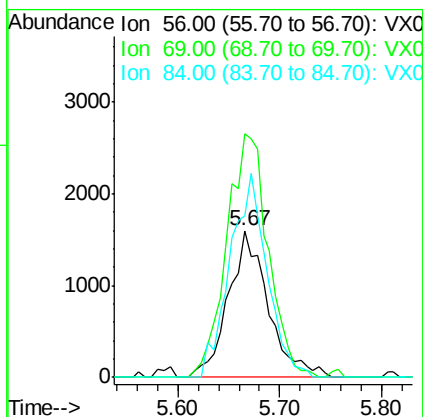
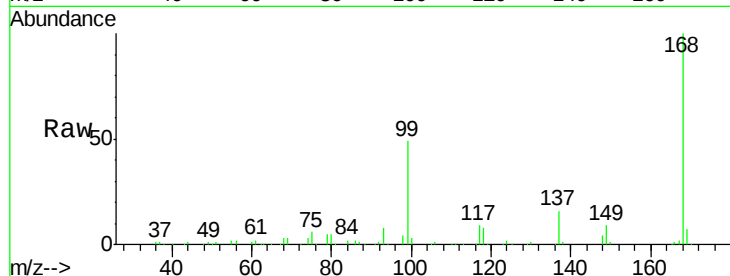




#31
Cyclohexane
Concen: 0.96 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX001575.D
Acq: 10 May 2018 00:40

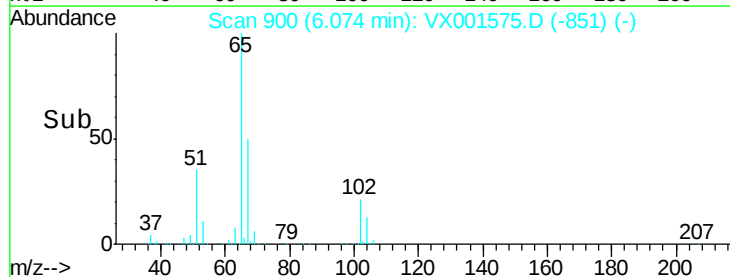
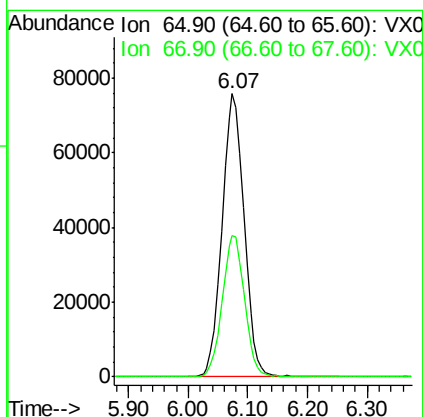
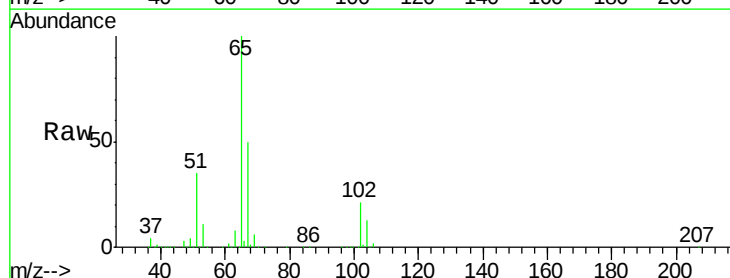
Instrument :
MSVOA_X
ClientSampleId :
VX0509WBL02

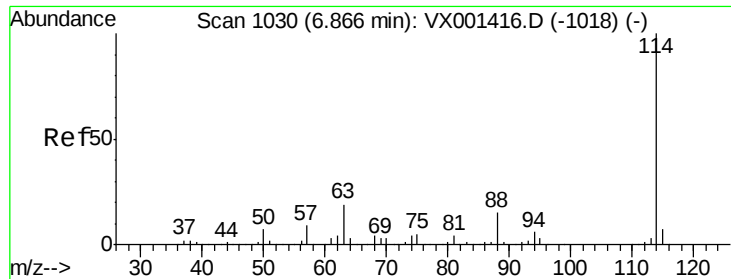
Tgt Ion: 56 Resp: 4339
Ion Ratio Lower Upper
56 100
69 165.9 25.4 38.0#
84 110.6 73.8 110.8



#33
1,2-Dichloroethane-d4
Concen: 55.78 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX001575.D
Acq: 10 May 2018 00:40

Tgt Ion: 65 Resp: 195672
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.8

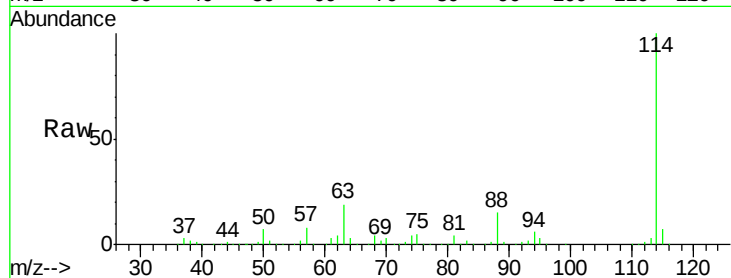




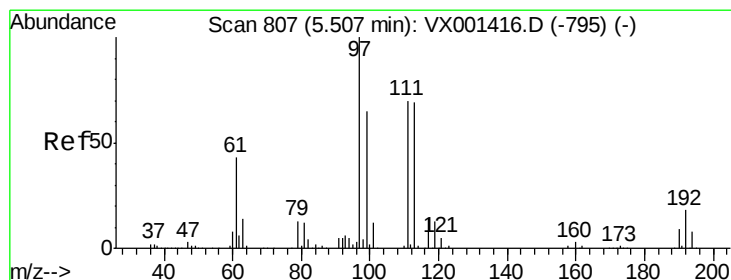
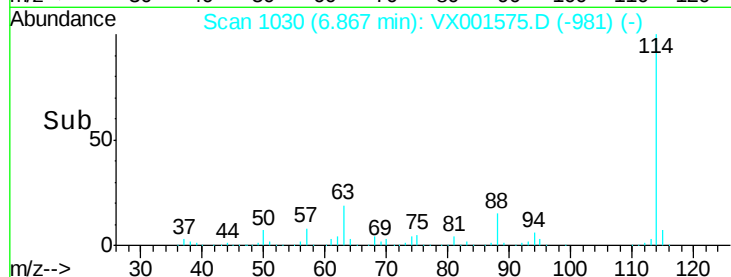
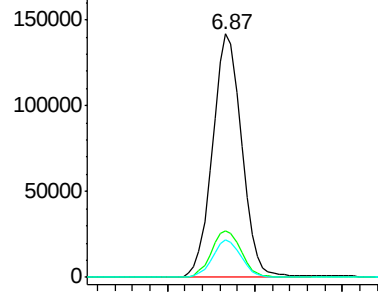
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001575.D
 Acq: 10 May 2018 00:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0509WBL02

Tgt Ion:114 Resp: 330139
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.6
 88 15.2 0.0 30.8

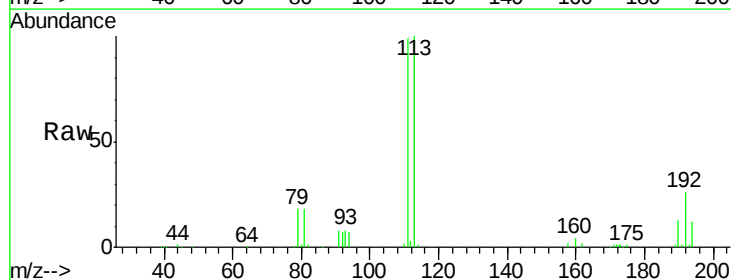


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

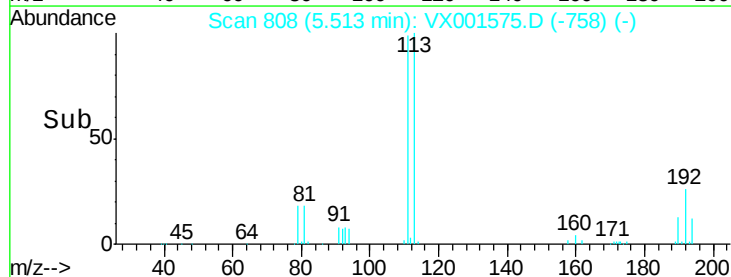
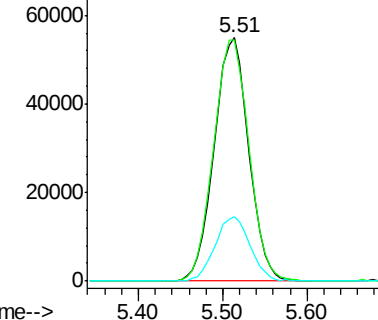


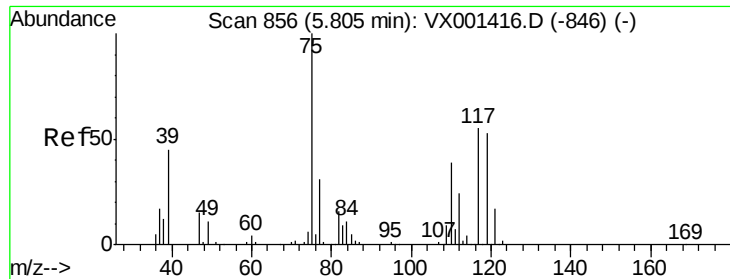
#35
 Dibromofluoromethane
 Concen: 51.90 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX001575.D
 Acq: 10 May 2018 00:40

Tgt Ion:113 Resp: 152410
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.2 123.2
 192 26.9 21.4 32.0



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

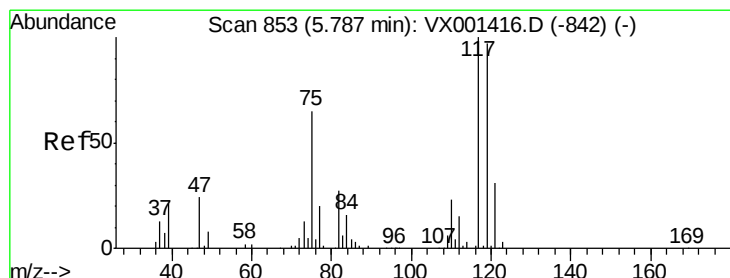
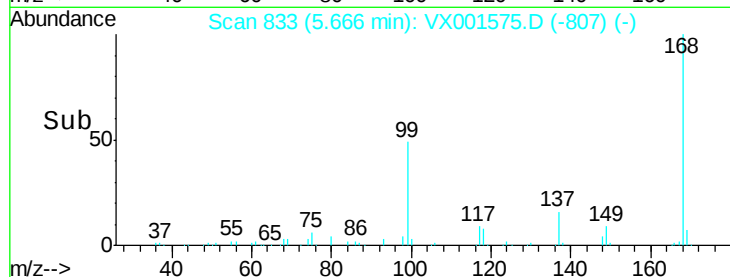
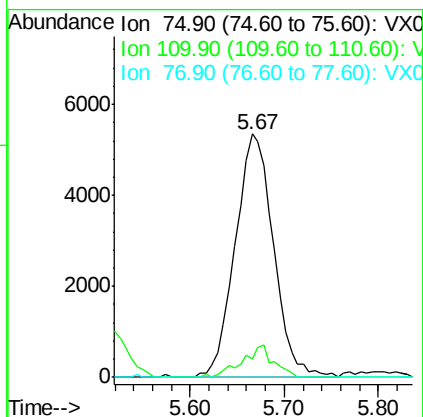
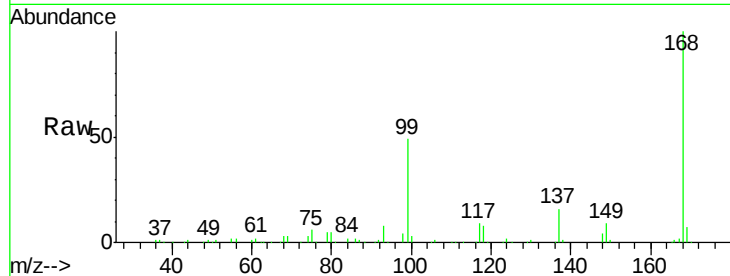




#36
 1,1-Dichloropropene
 Concen: 3.62 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX001575.D
 Acq: 10 May 2018 00:40

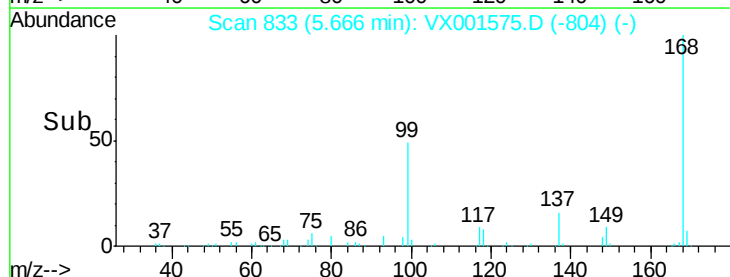
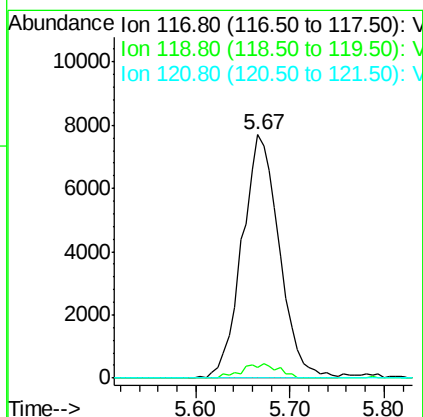
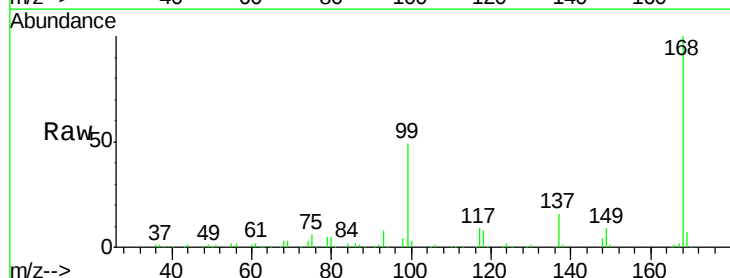
Instrument :
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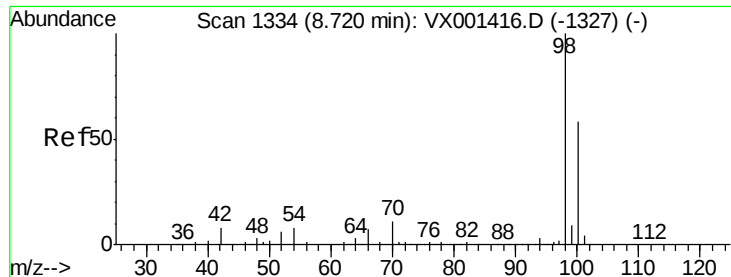
Tgt Ion: 75 Resp: 15195
 Ion Ratio Lower Upper
 75 100
 110 10.7 18.9 56.7#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 4.75 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX001575.D
 Acq: 10 May 2018 00:40

Tgt Ion: 117 Resp: 21265
 Ion Ratio Lower Upper
 117 100
 119 4.2 77.0 115.6#
 121 0.0 25.1 37.7#





#50

Toluene-d8

Concen: 49.96 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001575.D

Acq: 10 May 2018 00:40

Instrument :

MSVOA_X

ClientSampleId :

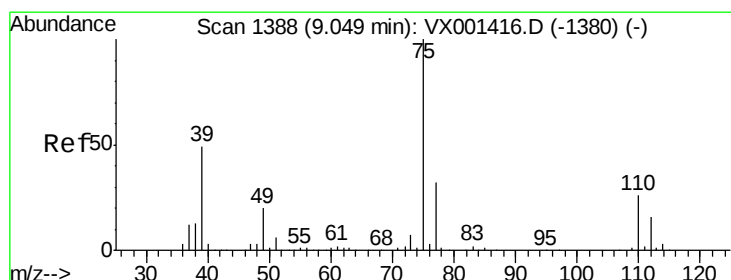
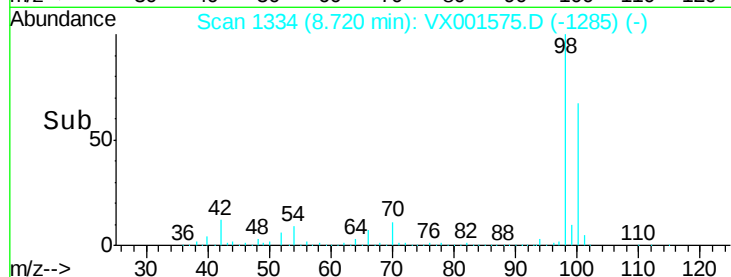
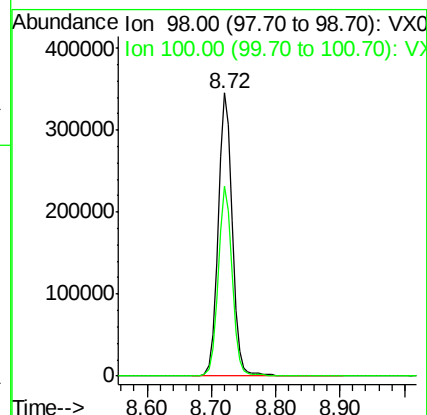
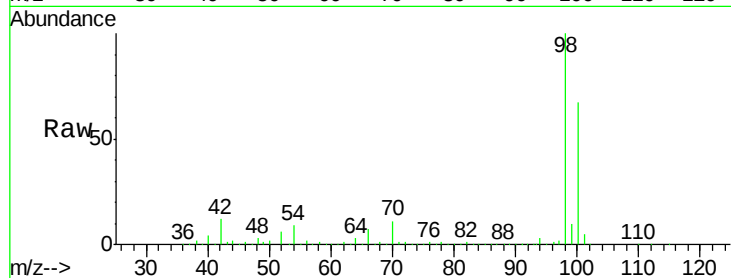
VX0509WBL02

Tgt Ion: 98 Resp: 53521

Ion Ratio Lower Upper

98 100

100 66.3 54.0 81.0



#54

cis-1,3-Dichloropropene

Concen: 2.29 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001575.D

Acq: 10 May 2018 00:40

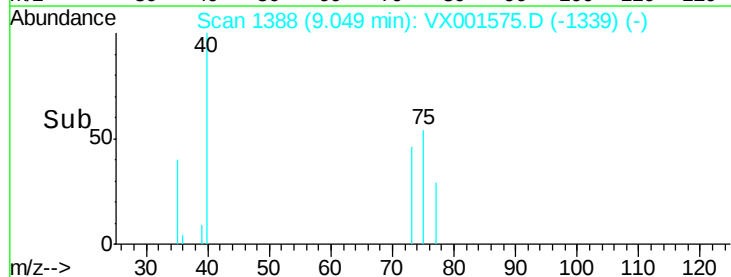
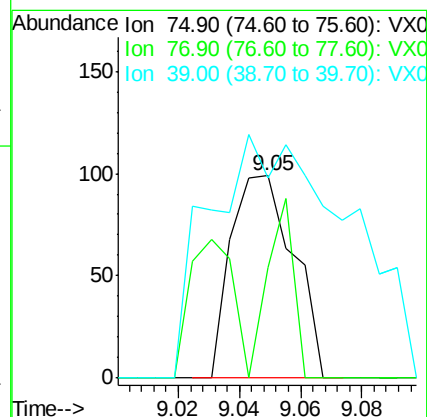
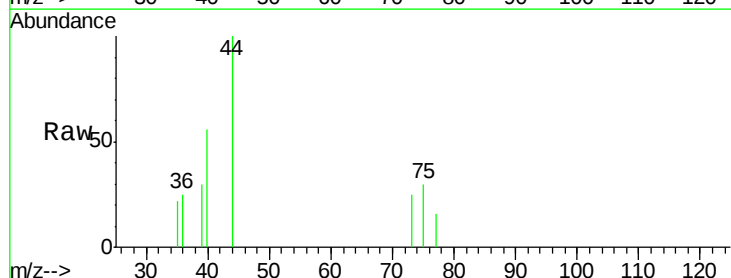
Tgt Ion: 75 Resp: 140

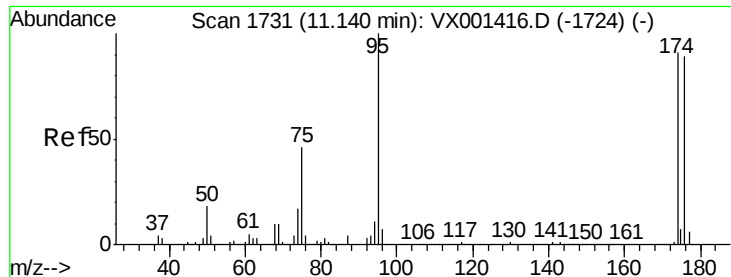
Ion Ratio Lower Upper

75 100

77 54.5 25.5 38.3#

39 21.2 38.9 58.3#

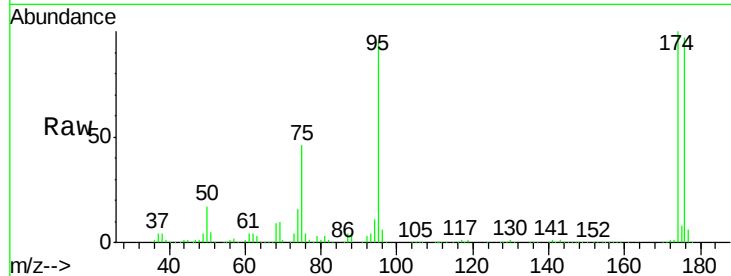




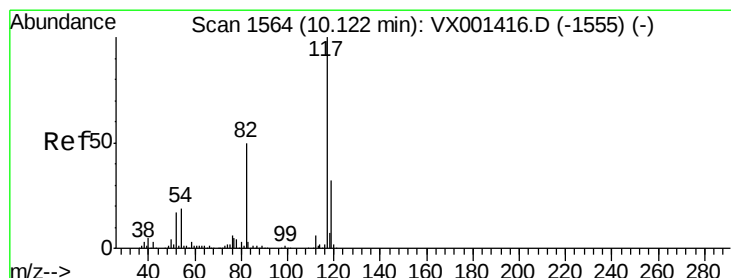
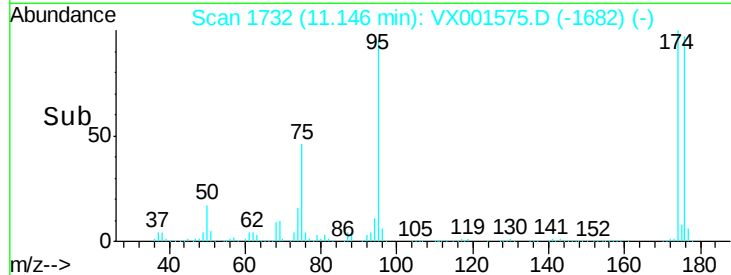
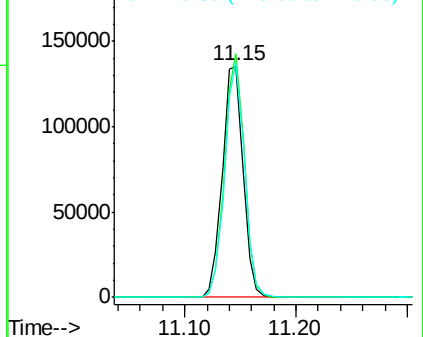
#62
4-Bromofluorobenzene
Concen: 42.62 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX001575.D
Acq: 10 May 2018 00:40

Instrument :
MSVOA_X
ClientSampleId :
VX0509WBL02

Tgt Ion: 95 Resp: 175373
Ion Ratio Lower Upper
95 100
174 100.3 0.0 202.0
176 96.5 0.0 197.4

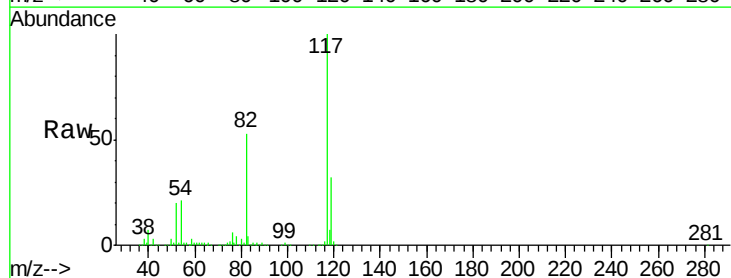


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

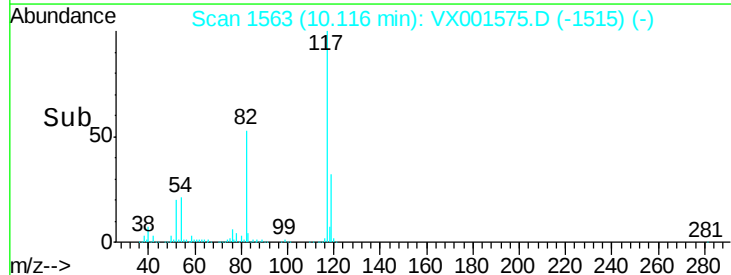
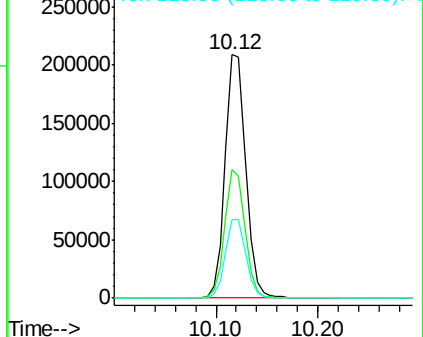


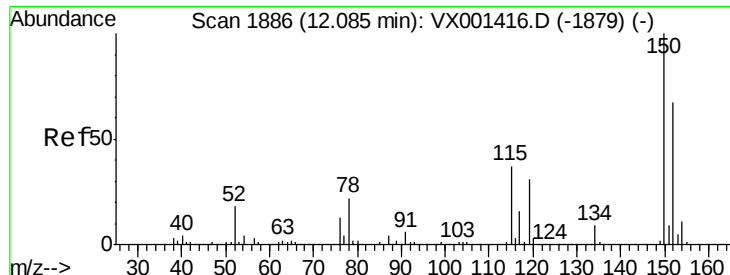
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001575.D
Acq: 10 May 2018 00:40

Tgt Ion: 117 Resp: 293325
Ion Ratio Lower Upper
117 100
82 53.0 40.0 60.0
119 32.2 25.8 38.8



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: VX001575.D

Acq: 10 May 2018 00:40

Instrument :

MSVOA_X

ClientSampleId :

VX0509WBL02

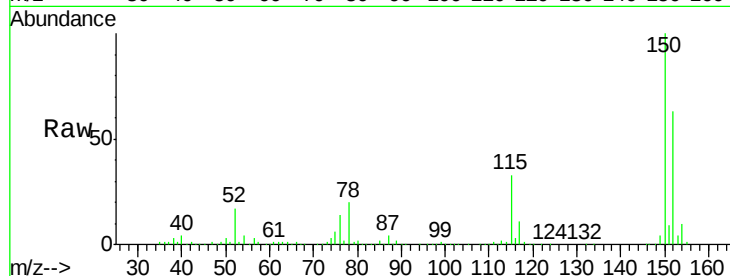
Tgt Ion:152 Resp: 159325

Ion Ratio Lower Upper

152 100

115 52.8 37.7 113.1

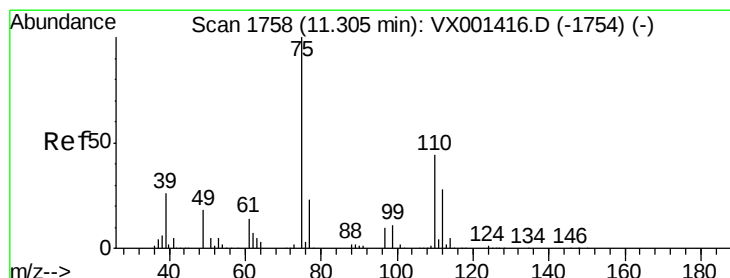
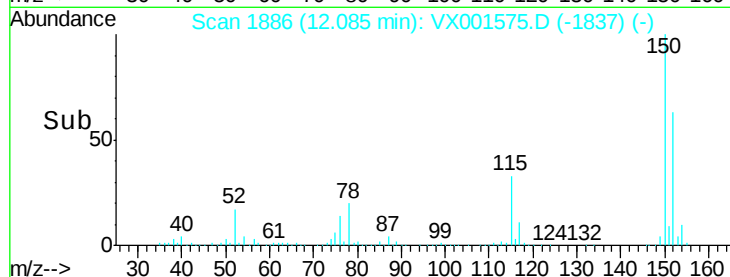
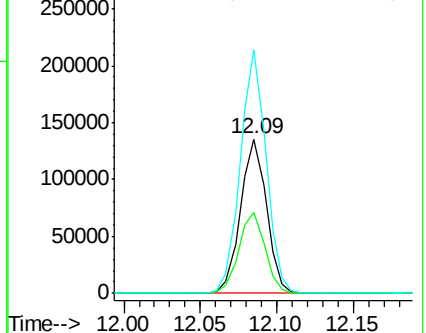
150 156.4 0.0 349.4



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: 26.94 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001575.D

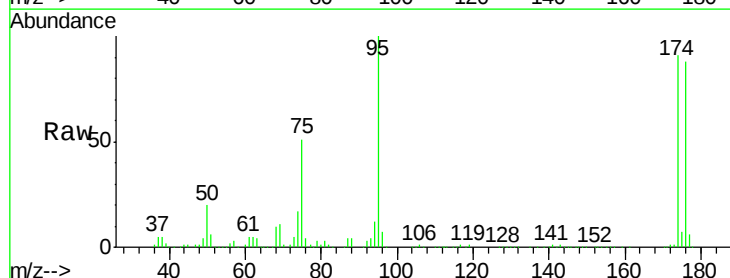
Acq: 10 May 2018 00:40

Tgt Ion: 75 Resp: 87067

Ion Ratio Lower Upper

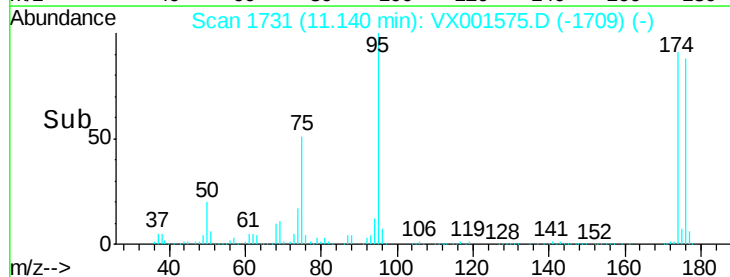
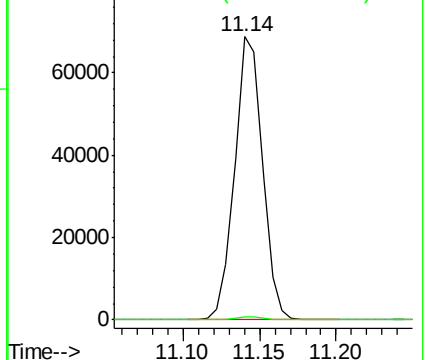
75 100

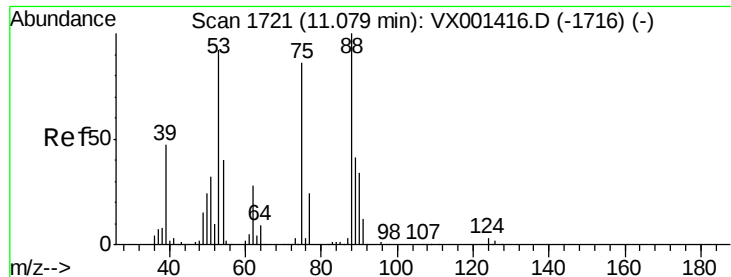
77 1.3 19.6 58.7#



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: 82.83 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001575.D

Acq: 10 May 2018 00:40

Instrument :

MSVOA_X

ClientSampleId :

VX0509WBL02

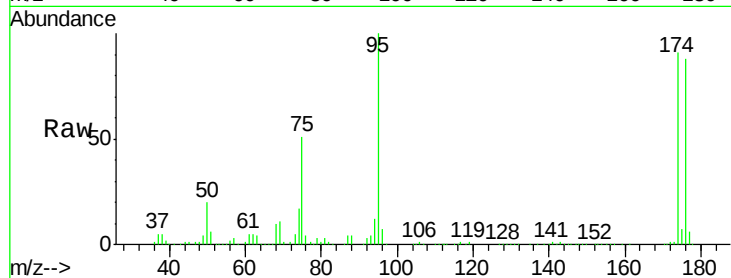
Tgt Ion: 75 Resp: 87067

Ion Ratio Lower Upper

75 100

53 0.0 84.5 126.7#

89 0.0 39.5 59.3#



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

