

Data File : VX001599.D
Acq On : 10 May 2018 13:30
Operator : JC/MD
Sample : VX0510WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBL01

Quant Time: May 11 06:50:51 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	250259	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	341322	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	301520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	165789	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	213048	59.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.46%	
35) Dibromofluoromethane	5.51	113	164471	54.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.34%	
50) Toluene-d8	8.72	98	590175	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
62) 4-Bromofluorobenzene	11.14	95	194456	45.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.42%	

Target Compounds				Qvalue		
5) Bromomethane	1.65	94	983	Below Cal		88
13) Acrolein	2.31	56	25	Below Cal	#	1
16) Acetone	2.45	43	1097	0.67	ug/l	89
29) Tetrahydrofuran	5.17	42	646	0.43	ug/l	# 48
31) Cyclohexane	5.67	56	4355	0.94	ug/l	# 1
36) 1,1-Dichloropropene	5.67	75	15605	3.59	ug/l	# 49
38) Carbon Tetrachloride	5.67	117	21509	4.65	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.72	43	2610	0.54	ug/l	# 1
54) cis-1,3-Dichloropropene	9.08	75	28	2.27	ug/l	# 1
76) 1,2,3-Trichloropropane	11.14	75	96316	28.64	ug/l	# 38
81) trans-1,4-Dichloro-2-buten	11.14	75	96316	87.79	ug/l	# 7

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

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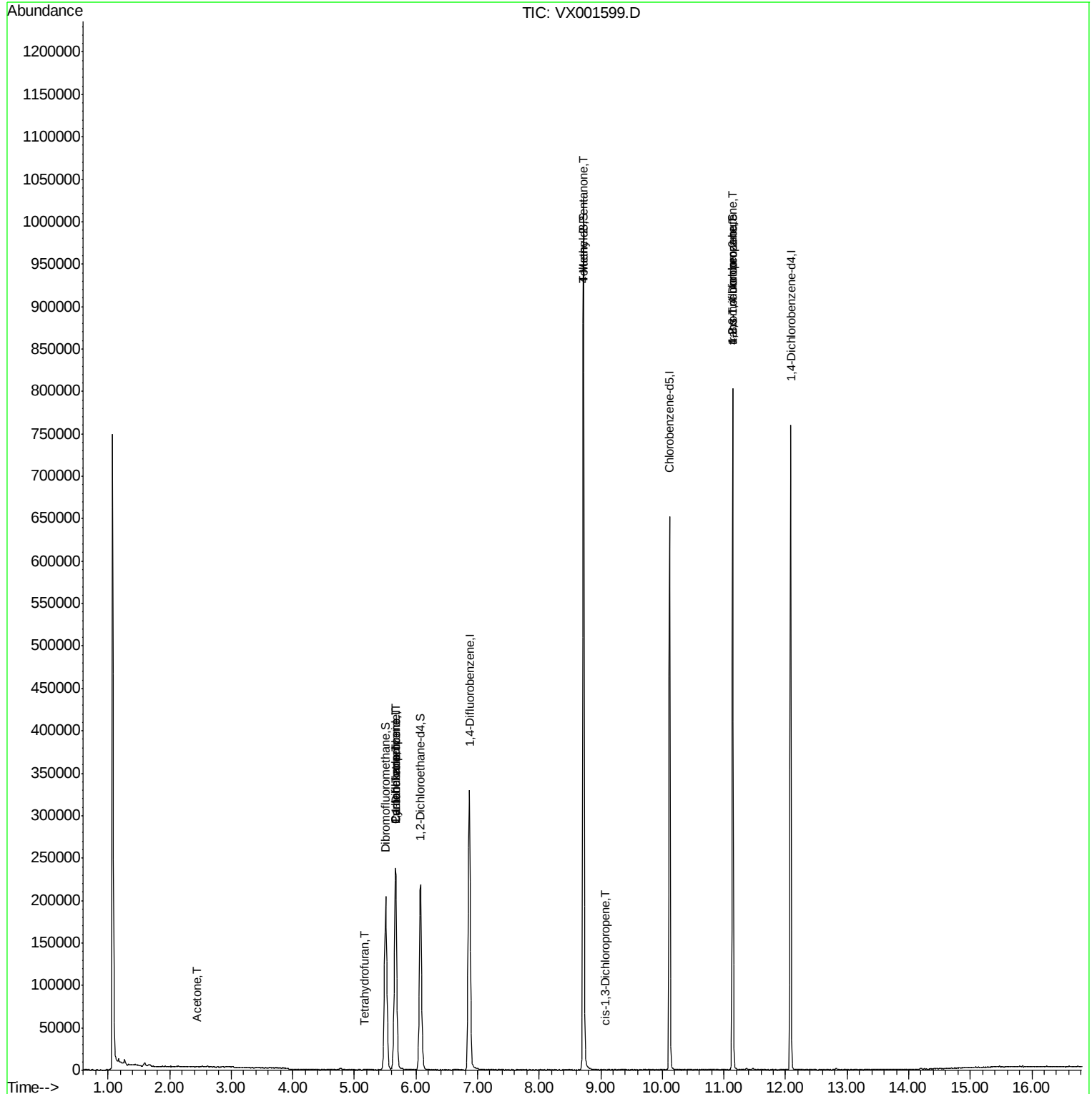
Quant Time: May 11 06:50:51 2018

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

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Acq: 10 May 2018 13:30

Instrument :

MSVOA_X

ClientSampleId :

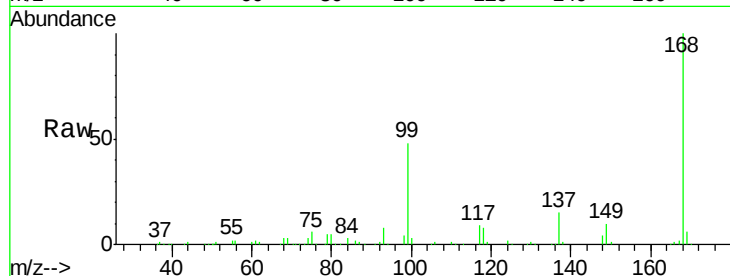
VX0510WBL01

Tgt Ion:168 Resp: 250259

Ion Ratio Lower Upper

168 100

99 48.2 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

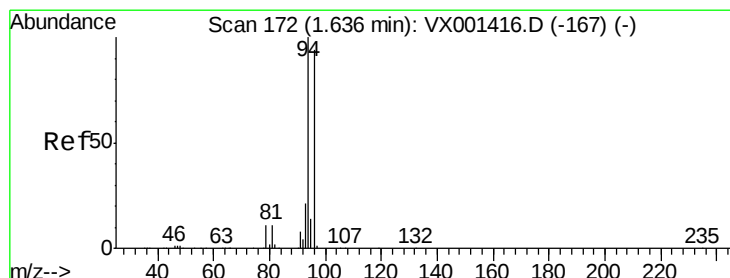
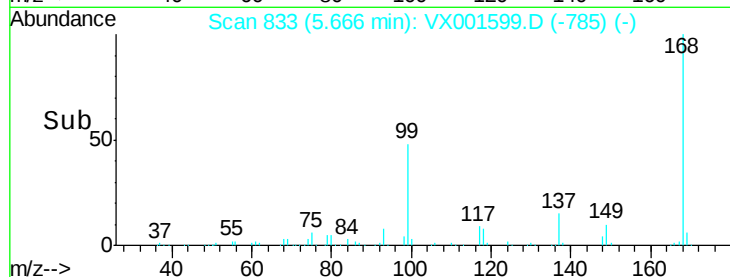
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001599.D

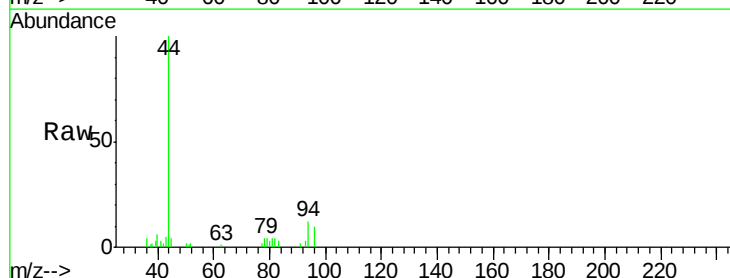
Acq: 10 May 2018 13:30

Tgt Ion: 94 Resp: 983

Ion Ratio Lower Upper

94 100

96 82.4 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

500

400

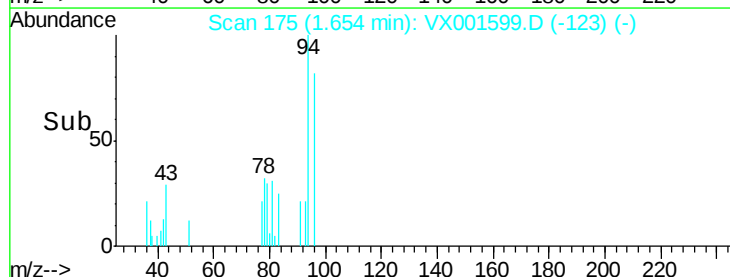
300

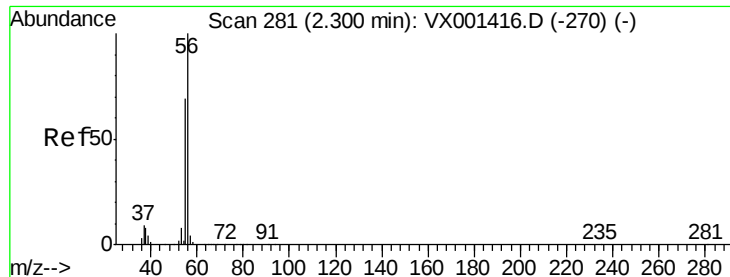
200

100

0

Time--> 1.60 1.65 1.70 1.75

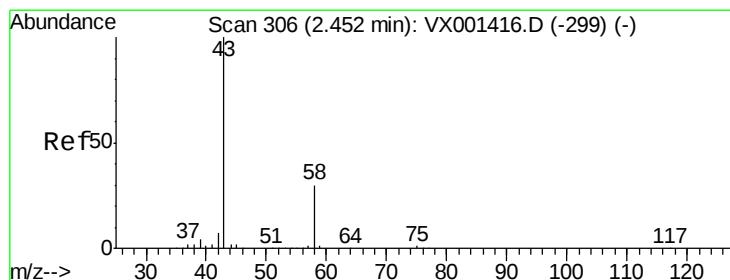
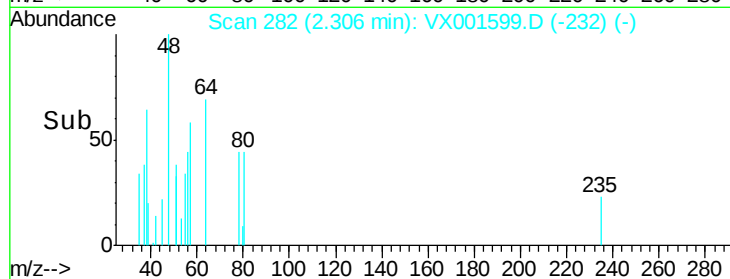
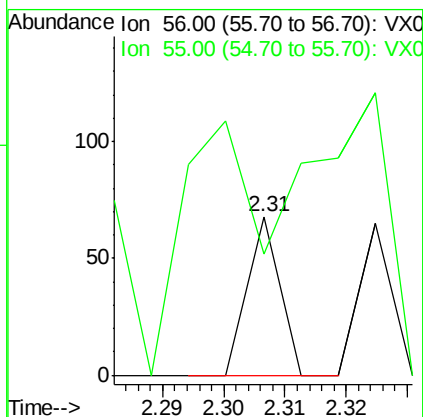
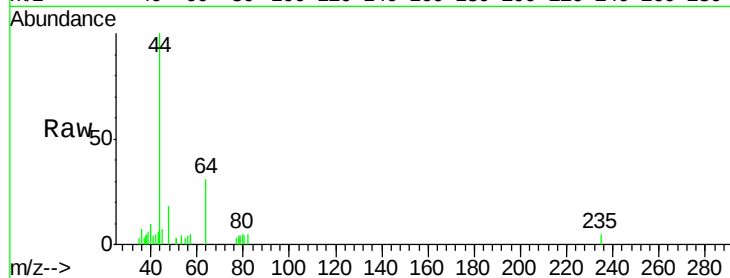




#13
Acrolein
Concen: Below Cal
RT: 2.31 min Scan# 282
Delta R.T. 0.01 min
Lab File: VX001599.D
Acq: 10 May 2018 13:30

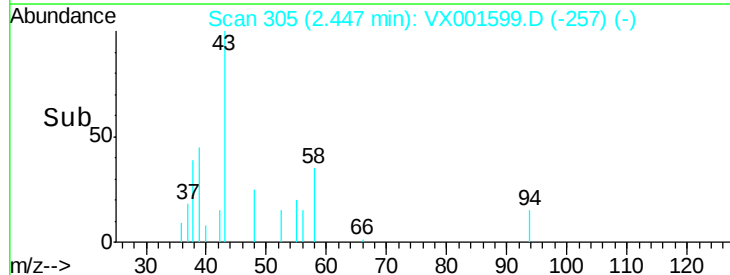
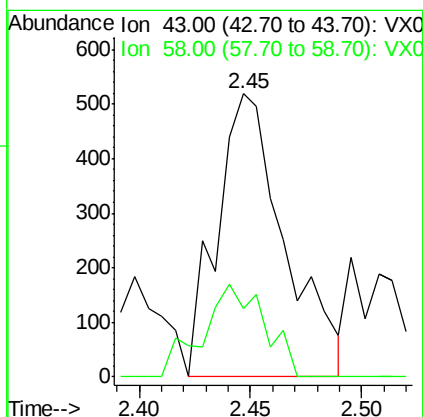
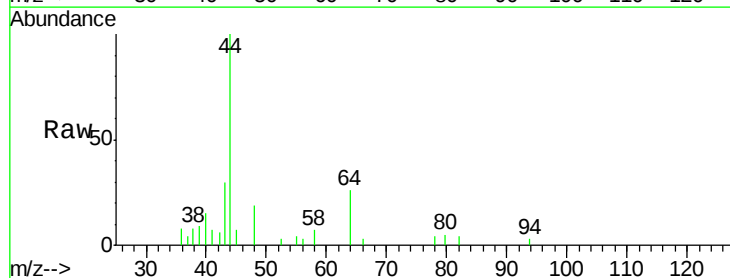
Instrument :
MSVOA_X
ClientSampleId :
VX0510WBL01

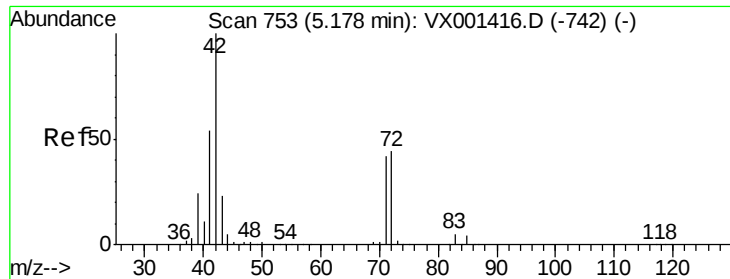
Tgt Ion: 56 Resp: 25
Ion Ratio Lower Upper
56 100
55 368.0 54.5 81.7#



#16
Acetone
Concen: 0.67 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX001599.D
Acq: 10 May 2018 13:30

Tgt Ion: 43 Resp: 1097
Ion Ratio Lower Upper
43 100
58 24.1 23.8 35.8





#29

Tetrahydrofuran

Concen: 0.43 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX001599.D

Acq: 10 May 2018 13:30

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBL01

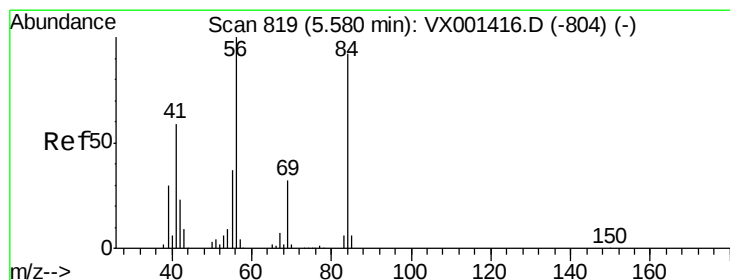
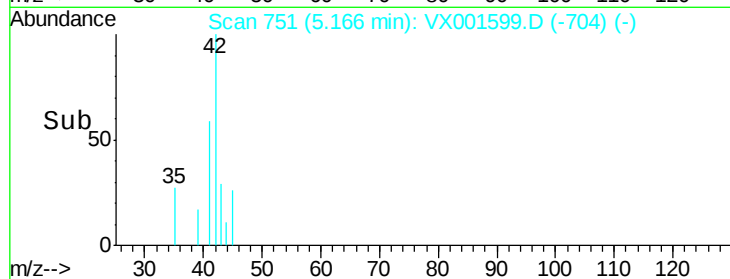
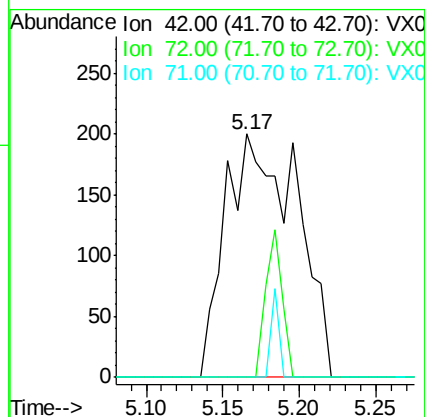
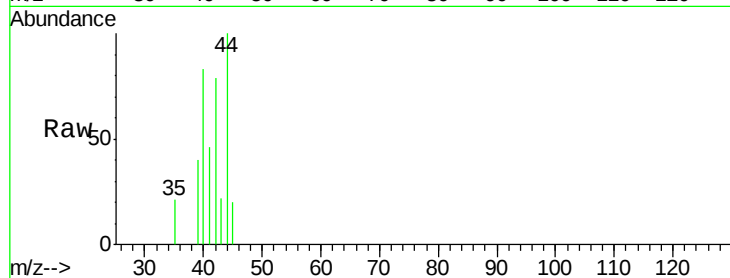
Tgt Ion: 42 Resp: 646

Ion Ratio Lower Upper

42 100

72 14.4 35.4 53.2#

71 4.2 33.0 49.4#



#31

Cyclohexane

Concen: 0.94 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX001599.D

Acq: 10 May 2018 13:30

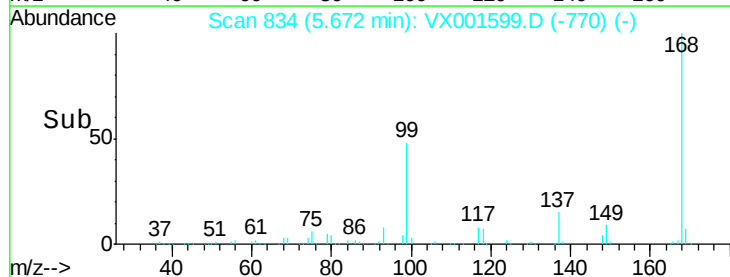
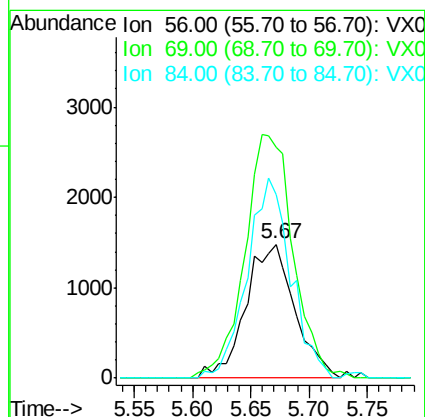
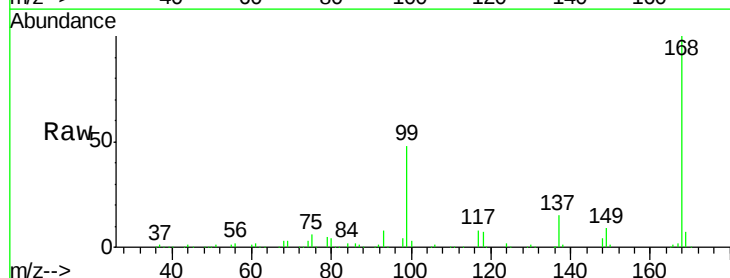
Tgt Ion: 56 Resp: 4355

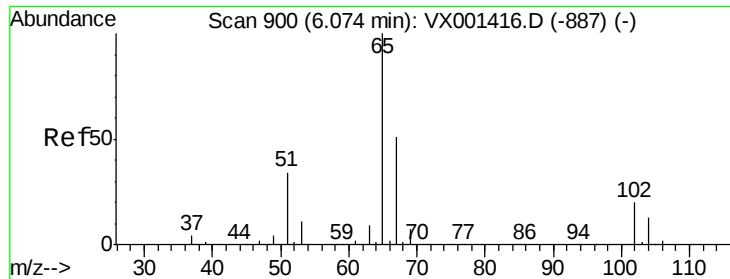
Ion Ratio Lower Upper

56 100

69 172.3 25.4 38.0#

84 137.6 73.8 110.8#

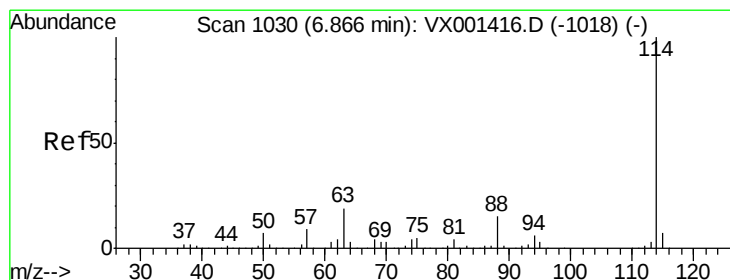
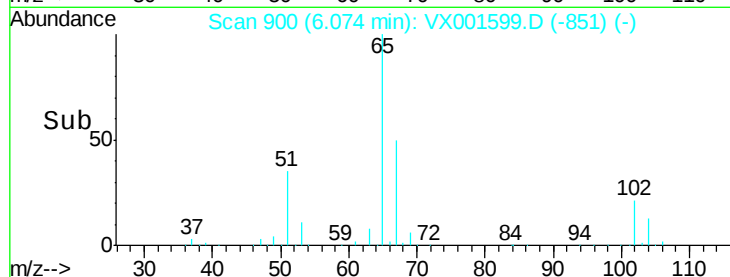
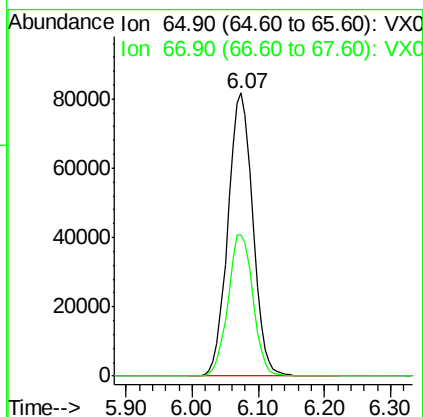
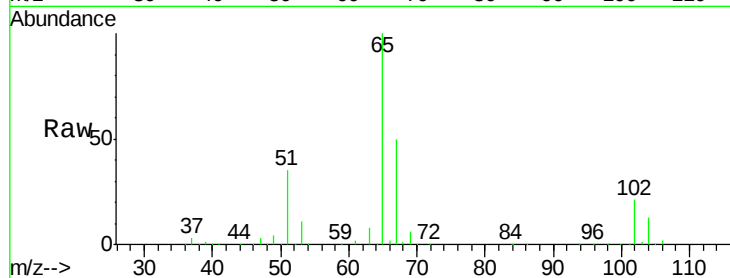




#33
 1,2-Dichloroethane-d4
 Concen: 59.23 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001599.D
 Acq: 10 May 2018 13:30

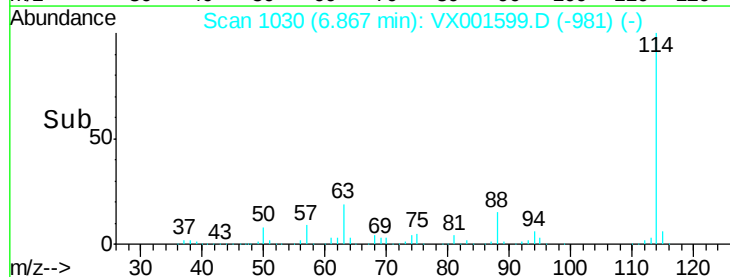
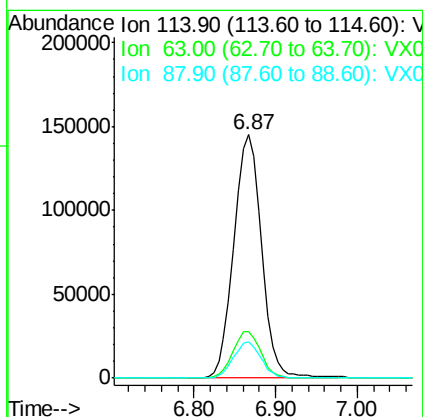
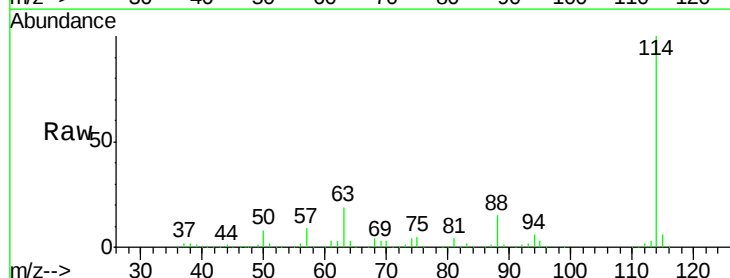
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBL01

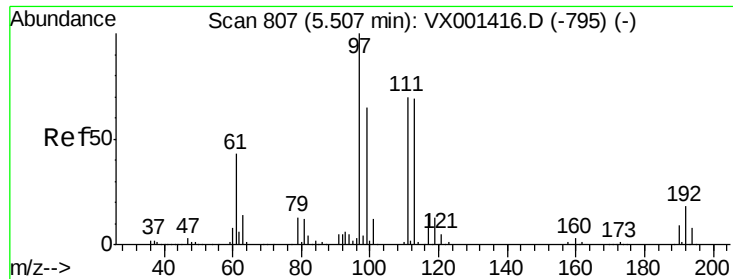
Tgt Ion: 65 Resp: 213048
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001599.D
 Acq: 10 May 2018 13:30

Tgt Ion: 114 Resp: 341322
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.6
 88 14.8 0.0 30.8





#35

Dibromofluoromethane

Concen: 54.17 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001599.D

Acq: 10 May 2018 13:30

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBL01

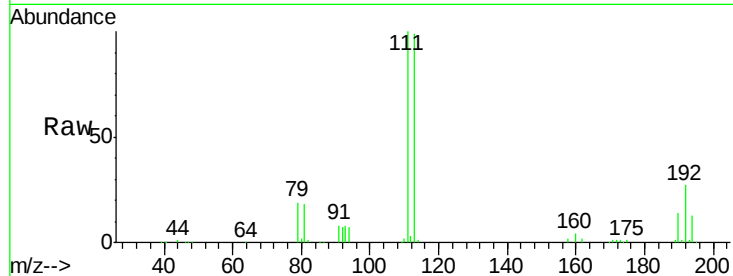
Tgt Ion:113 Resp: 164471

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.2

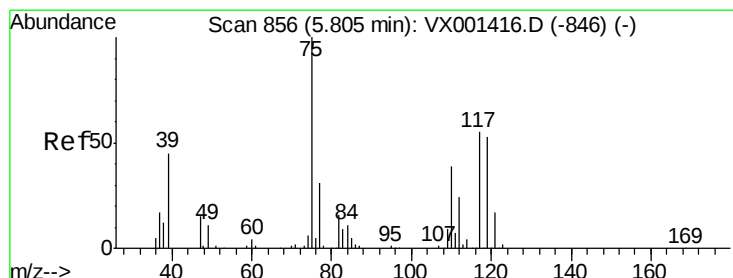
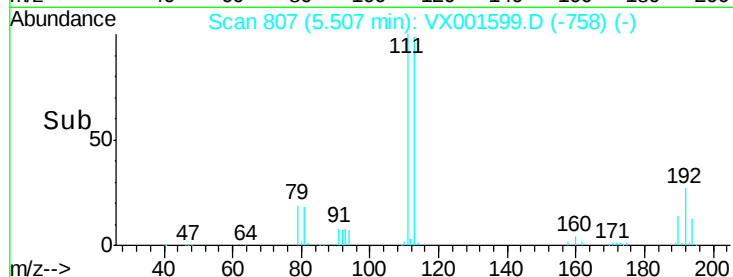
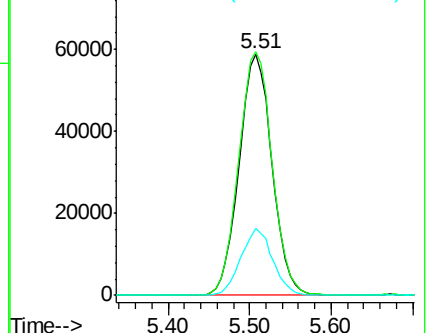
192 26.9 21.4 32.0



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: 3.59 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.14 min

Lab File: VX001599.D

Acq: 10 May 2018 13:30

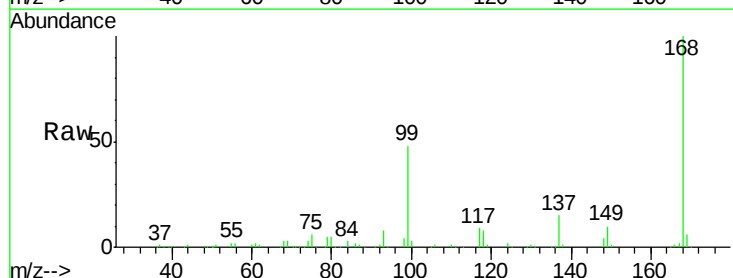
Tgt Ion: 75 Resp: 15605

Ion Ratio Lower Upper

75 100

110 10.2 18.9 56.7#

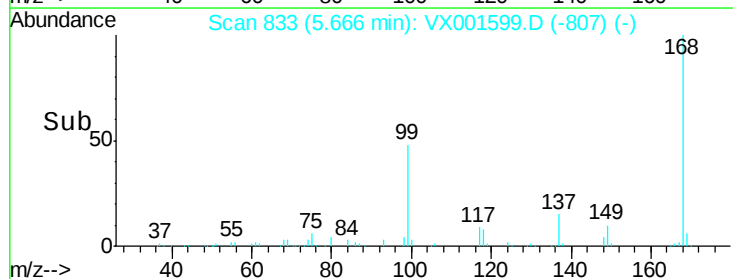
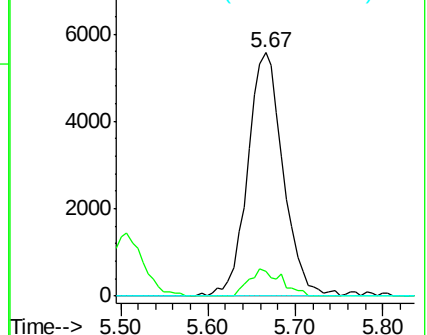
77 0.0 24.9 37.3#

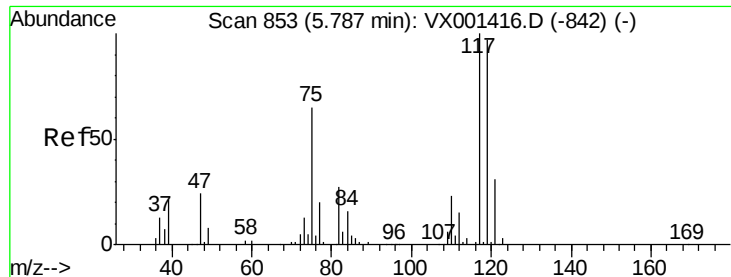


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 4.65 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX001599.D

Acq: 10 May 2018 13:30

Instrument :

MSVOA_X

ClientSampled :

VX0510WBL01

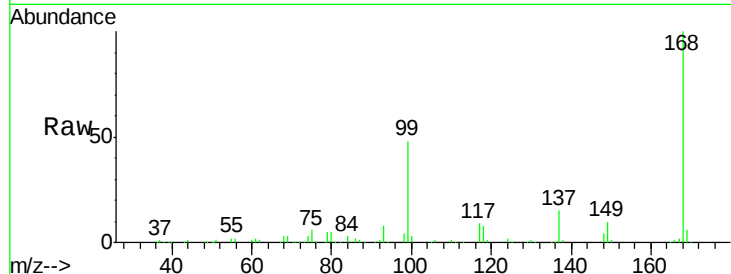
Tgt Ion: 117 Resp: 21509

Ion Ratio Lower Upper

117 100

119 5.6 77.0 115.6#

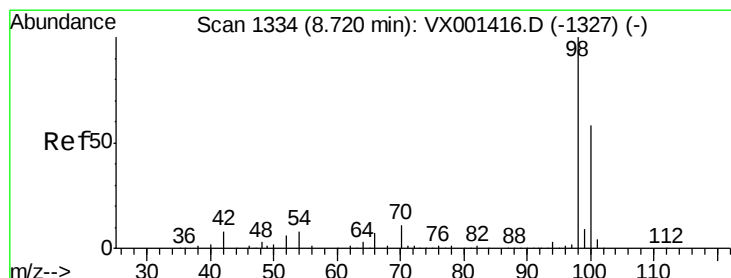
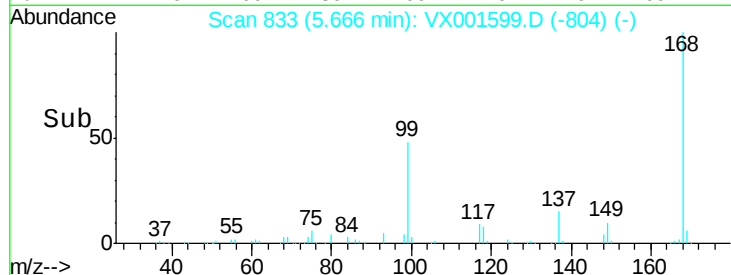
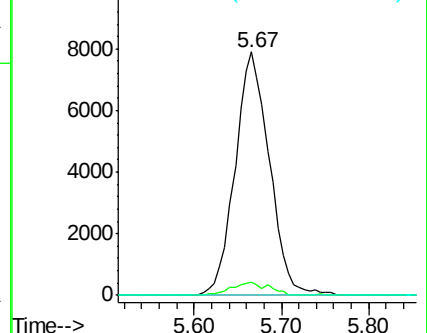
121 0.0 25.1 37.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 53.26 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001599.D

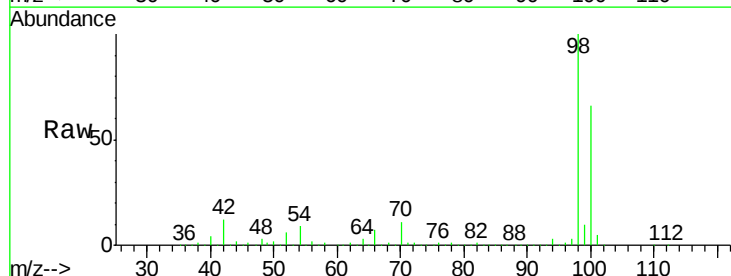
Acq: 10 May 2018 13:30

Tgt Ion: 98 Resp: 590175

Ion Ratio Lower Upper

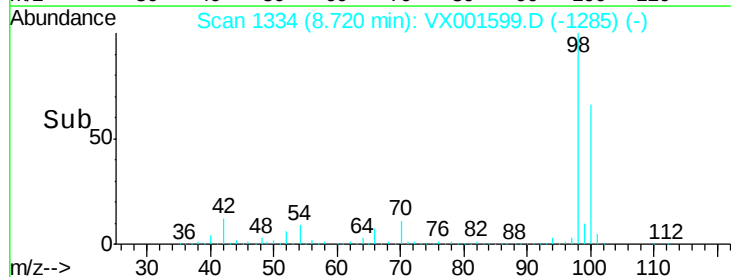
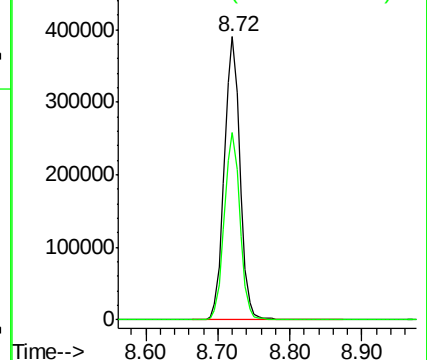
98 100

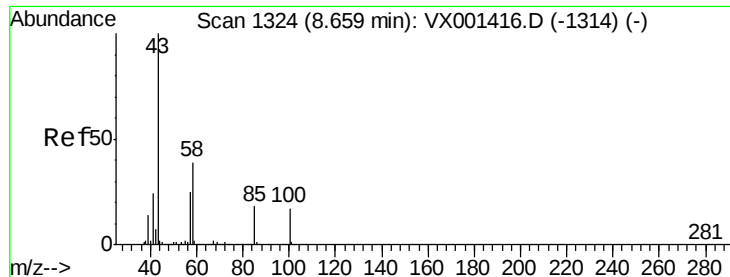
100 66.2 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

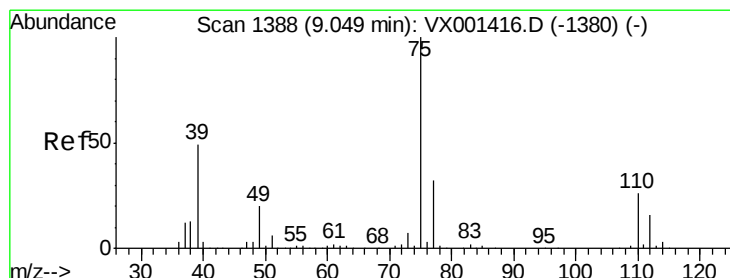
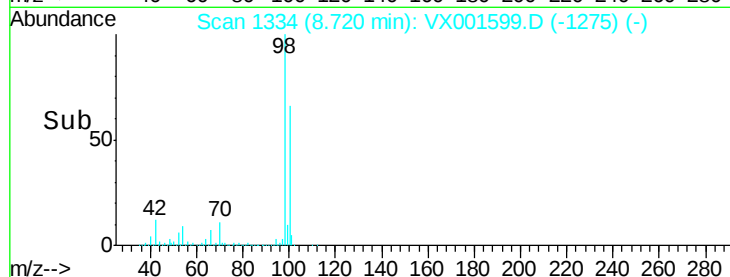
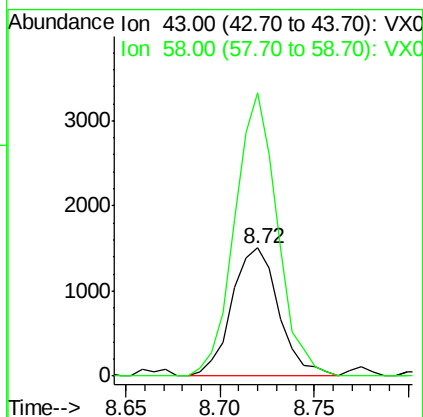
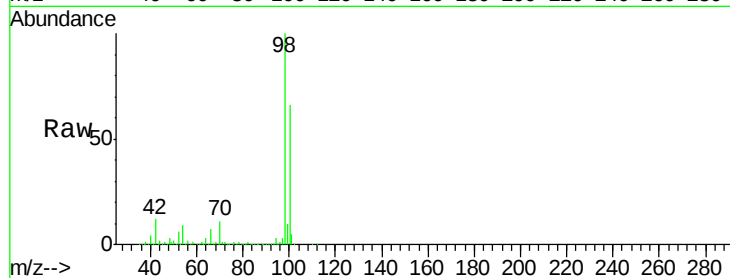




#51
 4-Methyl-2-Pentanone
 Concen: 0.54 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.06 min
 Lab File: VX001599.D
 Acq: 10 May 2018 13:30

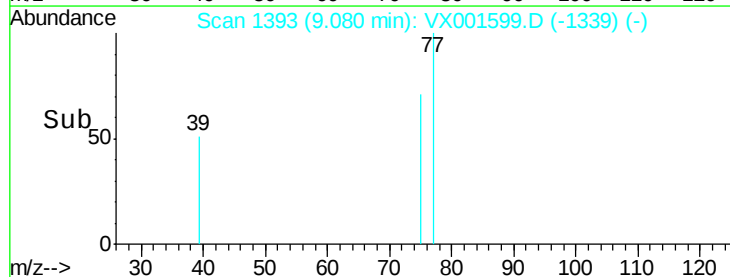
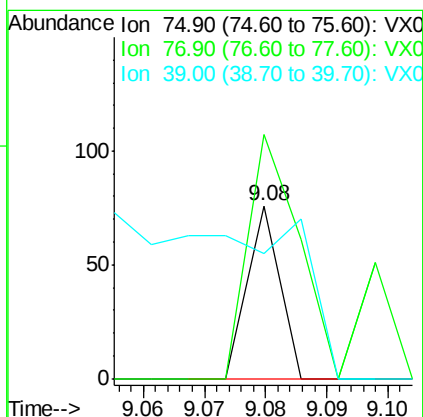
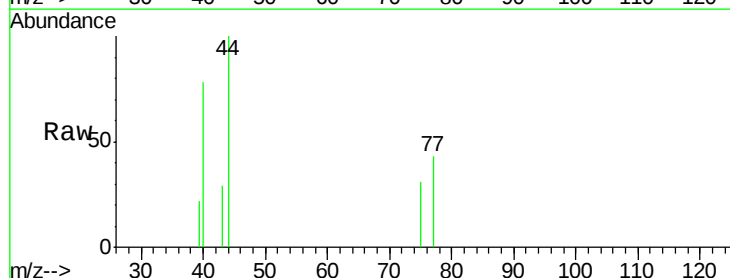
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBL01

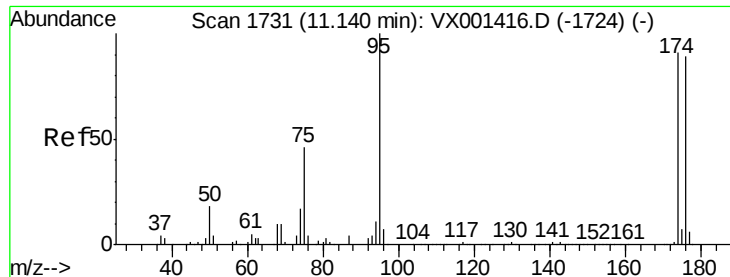
Tgt Ion: 43 Resp: 2610
 Ion Ratio Lower Upper
 43 100
 58 199.7 30.8 46.2#



#54
 cis-1,3-Dichloropropene
 Concen: 2.27 ug/l
 RT: 9.08 min Scan# 1393
 Delta R.T. 0.03 min
 Lab File: VX001599.D
 Acq: 10 May 2018 13:30

Tgt Ion: 75 Resp: 28
 Ion Ratio Lower Upper
 75 100
 77 140.8 25.5 38.3#
 39 72.4 38.9 58.3#

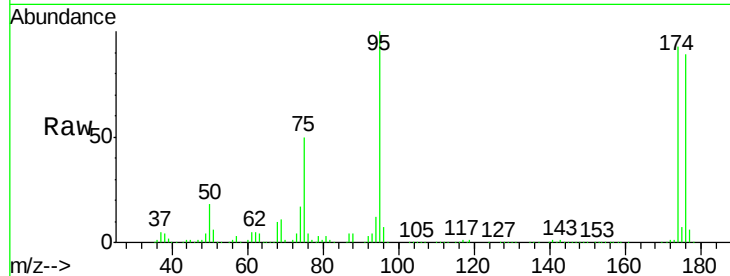




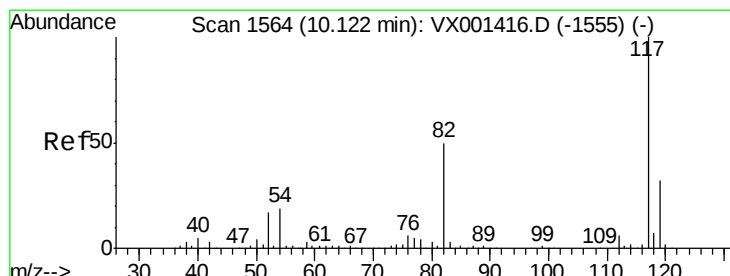
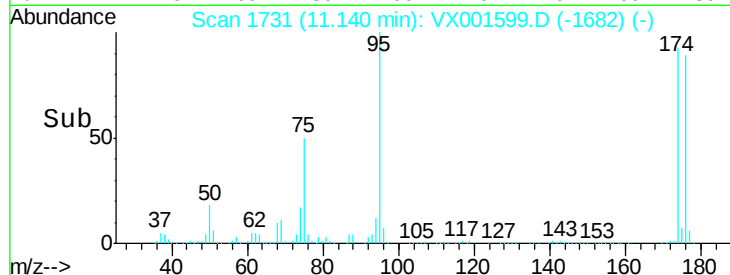
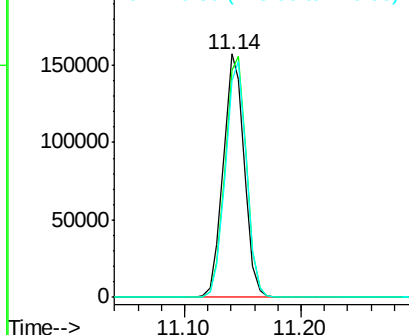
#62
4-Bromofluorobenzene
Concen: 45.71 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001599.D
Acq: 10 May 2018 13:30

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBL01

Tgt Ion: 95 Resp: 194456
Ion Ratio Lower Upper
95 100
174 101.4 0.0 202.0
176 98.2 0.0 197.4

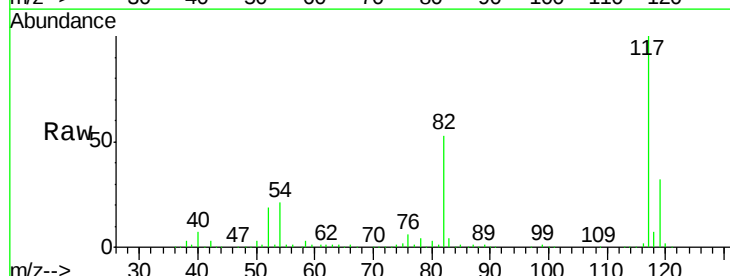


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

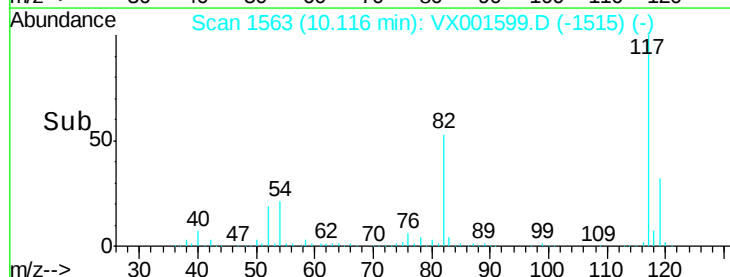
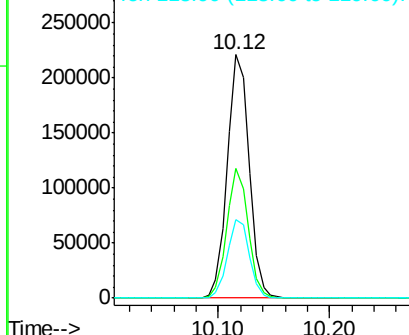


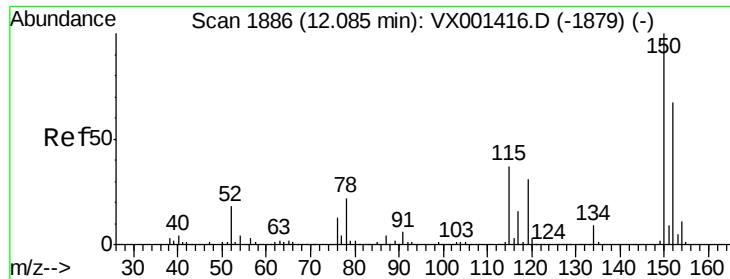
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001599.D
Acq: 10 May 2018 13:30

Tgt Ion: 117 Resp: 301520
Ion Ratio Lower Upper
117 100
82 53.5 40.0 60.0
119 32.3 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

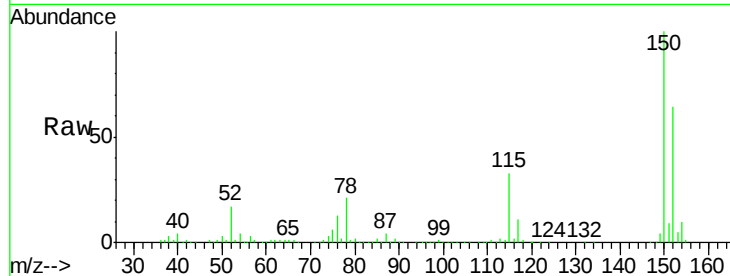




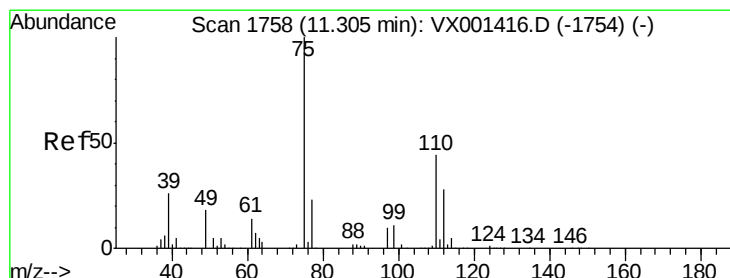
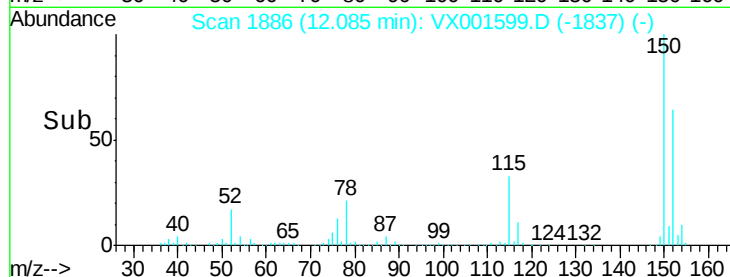
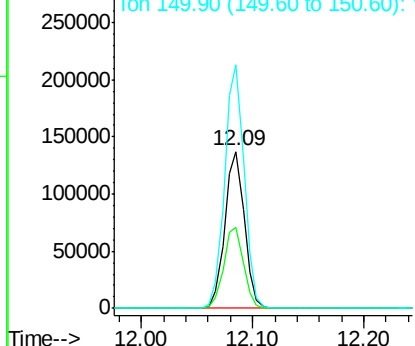
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX001599.D
 Acq: 10 May 2018 13:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBL01

Tgt Ion:152 Resp: 165789
 Ion Ratio Lower Upper
 152 100
 115 52.8 37.7 113.1
 150 155.6 0.0 349.4

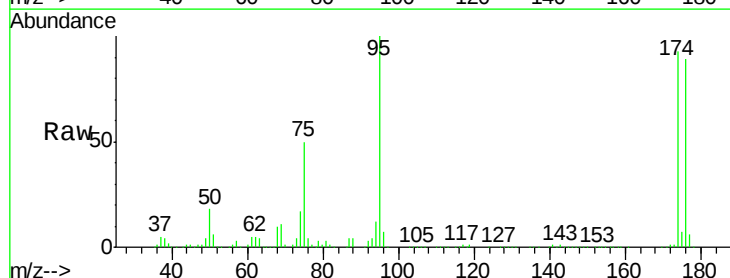


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

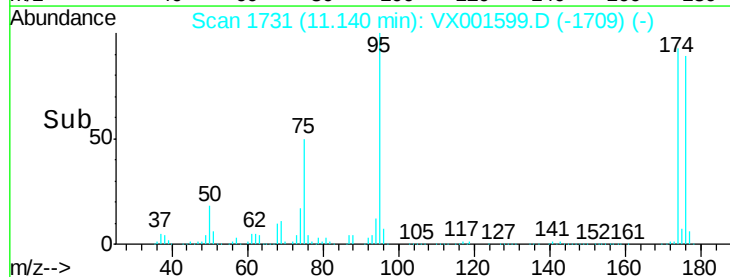
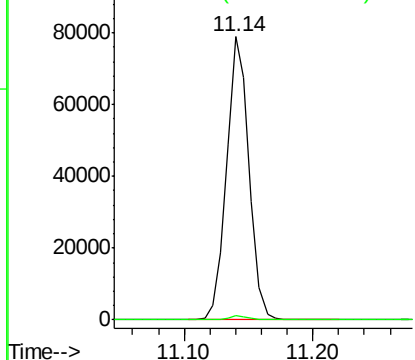


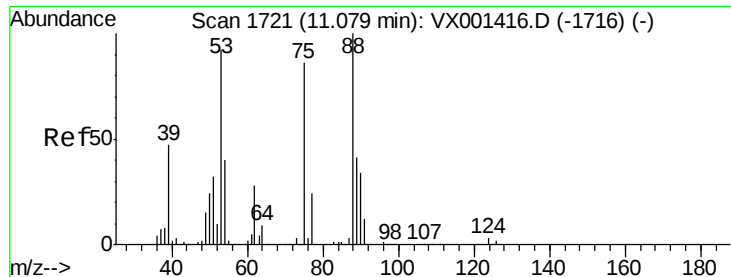
#76
 1,2,3-Trichloropropane
 Concen: 28.64 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001599.D
 Acq: 10 May 2018 13:30

Tgt Ion: 75 Resp: 96316
 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: 87.79 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001599.D

Acq: 10 May 2018 13:30

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBL01

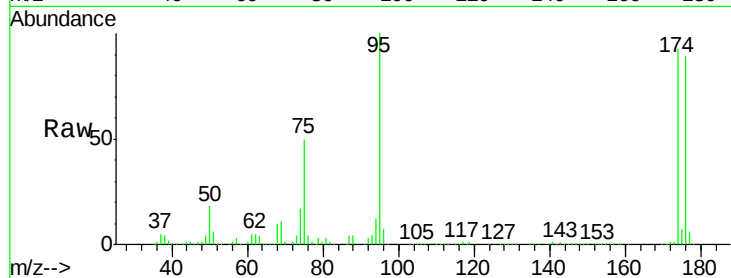
Tgt Ion: 75 Resp: 96316

Ion Ratio Lower Upper

75 100

53 0.2 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

