

Data File : VX001662.D

Acq On : 12 May 2018 13:09

Operator : JC/MD

Sample : J2741-18

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 5 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

SS037MW110-180502

Quant Time: May 14 05:57:35 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	269541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	362544	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	303425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151152	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	216812	55.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.92%	
35) Dibromofluoromethane	5.51	113	172675	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	
50) Toluene-d8	8.72	98	608630	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	
62) 4-Bromofluorobenzene	11.14	95	186738	41.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.66%	

Target Compounds

						Qvalue
5) Bromomethane	1.65	94	1334	Below Cal	#	59
10) Methyl Iodide	2.52	142	1888	0.40	ug/l	93
13) Acrolein	2.30	56	154	Below Cal	#	60
15) Acrylonitrile	3.15	53	509	0.28	ug/l	76
16) Acetone	2.45	43	1065	0.61	ug/l	89
27) cis-1,2-Dichloroethene	4.60	96	25392	7.16	ug/l	91
30) Chloroform	5.23	83	2692	0.45	ug/l	94
31) Cyclohexane	5.67	56	4596	0.92	ug/l	# 3
36) 1,1-Dichloropropene	5.67	75	16695	3.62	ug/l	# 49
38) Carbon Tetrachloride	5.68	117	22913	4.66	ug/l	# 17
44) Trichloroethene	7.22	130	7255	1.76	ug/l	85
47) Bromodichloromethane	7.90	83	1181	0.27	ug/l	# 99
54) cis-1,3-Dichloropropene	9.05	75	139	2.29	ug/l	# 12
60) Dibromochloromethane	9.34	129	26362	7.25	ug/l	# 11
64) Tetrachloroethene	9.34	164	31488	7.45	ug/l	96
71) Bromoform	10.86	173	84	3.59	ug/l	# 28
76) 1,2,3-Trichloropropane	11.14	75	90519	29.53	ug/l	# 38
81) trans-1,4-Dichloro-2-buten	11.14	75	90519	90.36	ug/l	# 7

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

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Instrument :

MSVOA_X

ClientSampleId :

SS037MW110-180502

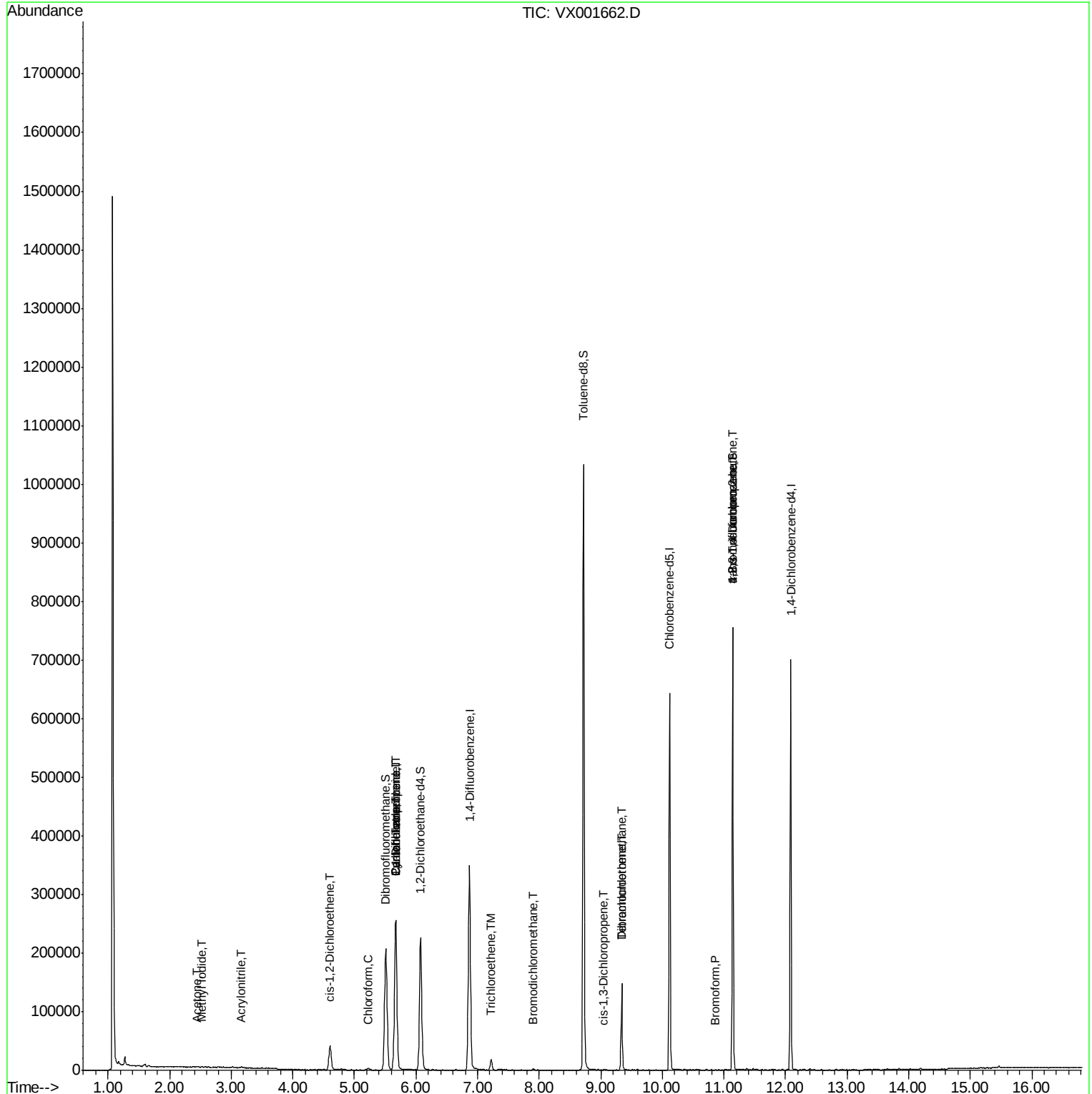
Quant Time: May 14 05:57:35 2018

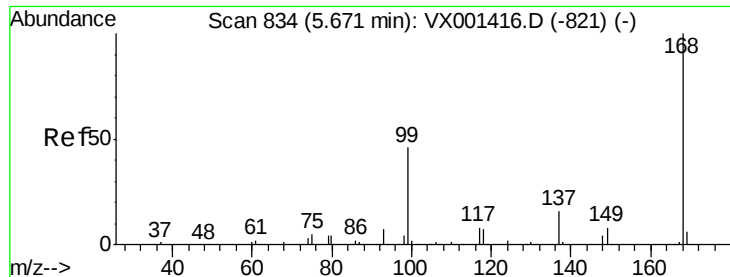
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M

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# 834

Delta R.T. 0.00 min

Lab File: VX001662.D

Acq: 12 May 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

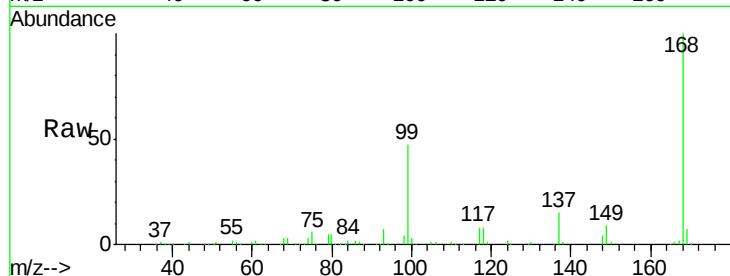
SS037MW110-180502

Tgt Ion:168 Resp: 269541

Ion Ratio Lower Upper

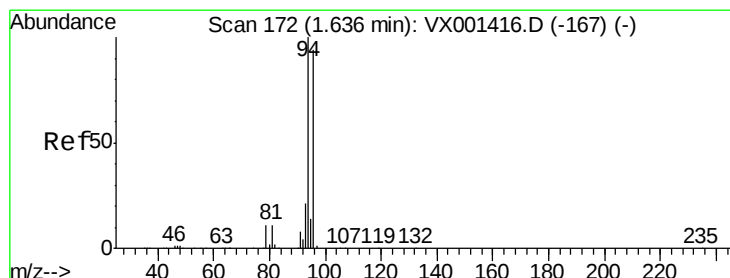
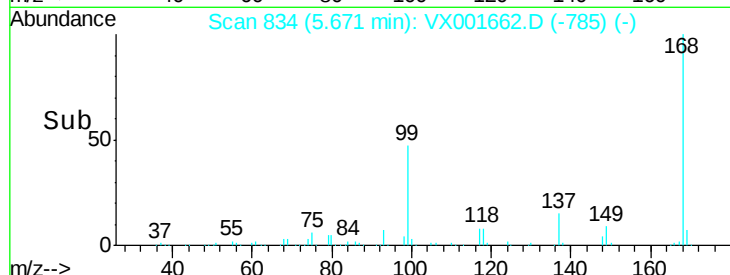
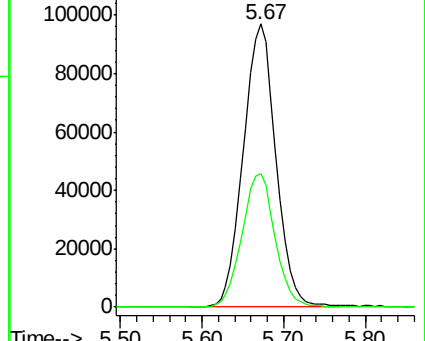
168 100

99 47.2 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001662.D

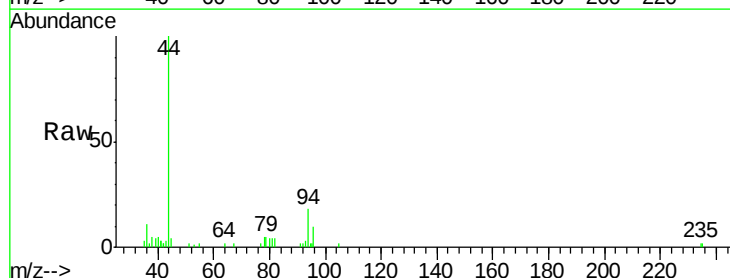
Acq: 12 May 2018 13:09

Tgt Ion: 94 Resp: 1334

Ion Ratio Lower Upper

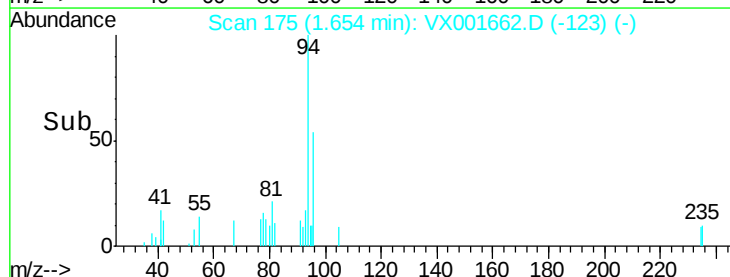
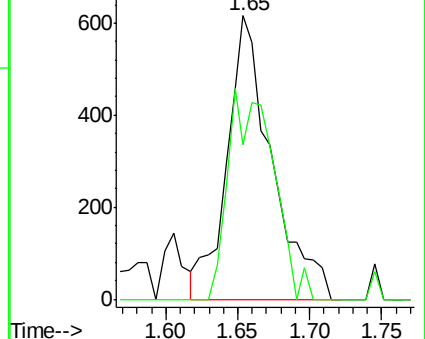
94 100

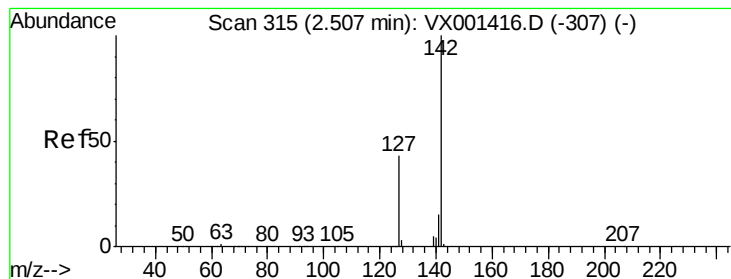
96 54.4 75.0 112.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#10

Methyl Iodide

Concen: 0.40 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX001662.D

Acq: 12 May 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

SS037MW110-180502

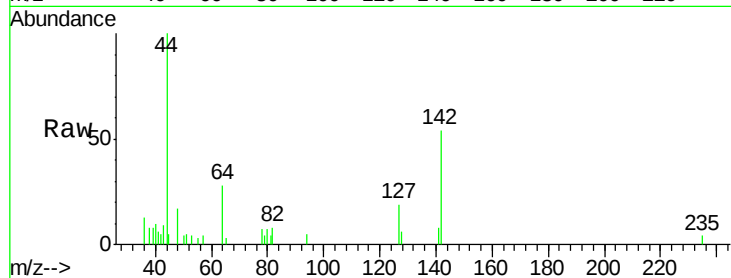
Tgt Ion: 142 Resp: 1888

Ion Ratio Lower Upper

142 100

127 47.9 33.6 50.4

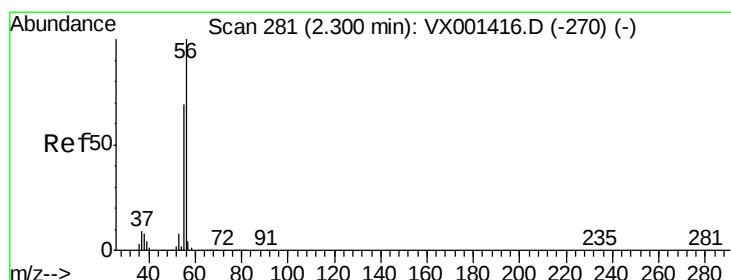
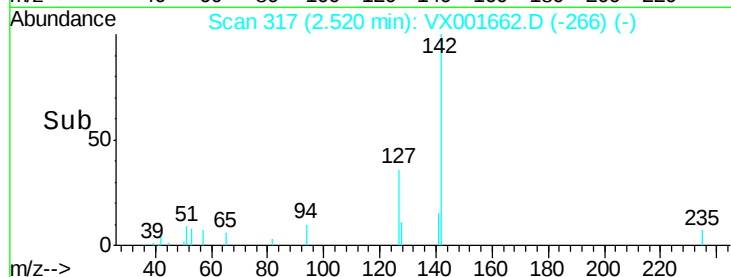
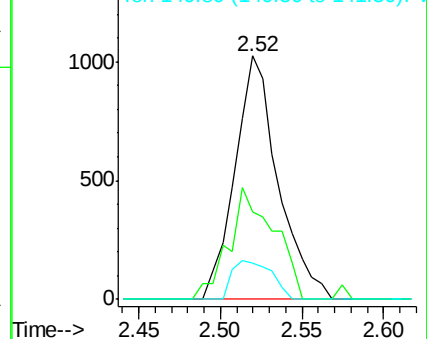
141 14.5 11.4 17.2



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: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001662.D

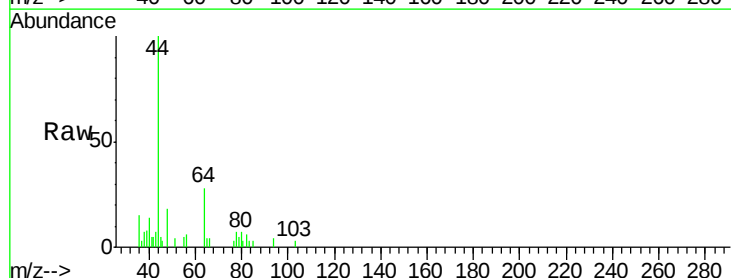
Acq: 12 May 2018 13:09

Tgt Ion: 56 Resp: 154

Ion Ratio Lower Upper

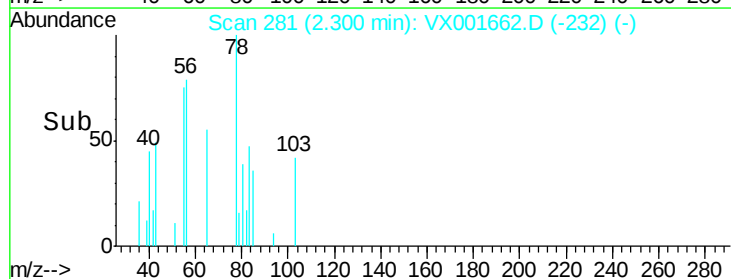
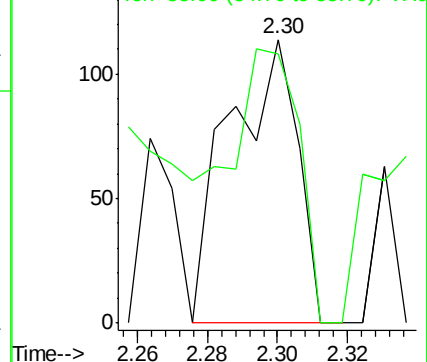
56 100

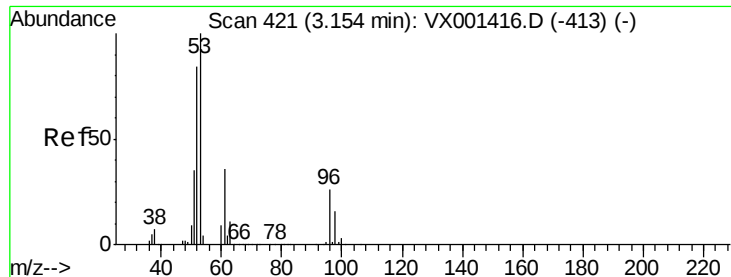
55 100.6 54.5 81.7#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#15

Acrylonitrile

Concen: 0.28 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001662.D

Acq: 12 May 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

SS037MW110-180502

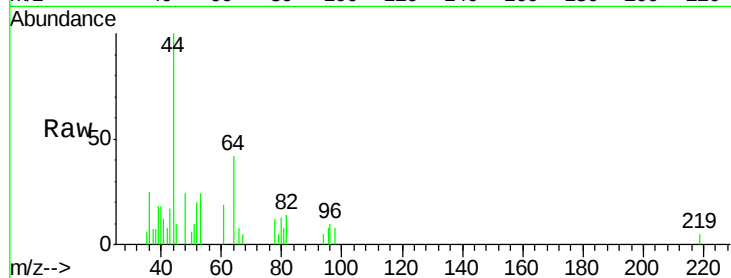
Tgt Ion: 53 Resp: 509

Ion Ratio Lower Upper

53 100

52 101.0 66.2 99.2#

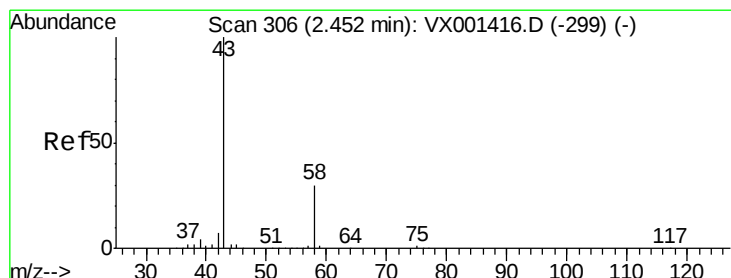
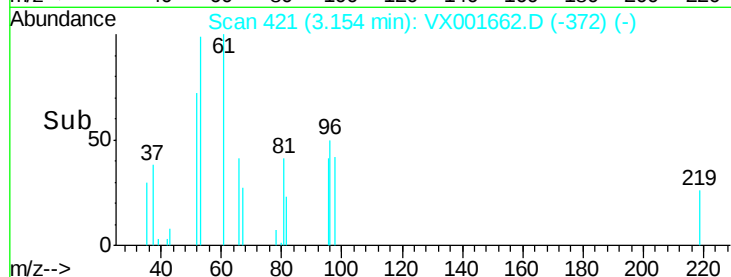
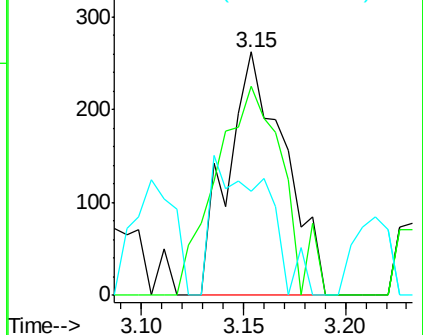
51 55.6 28.6 43.0#



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: 0.61 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001662.D

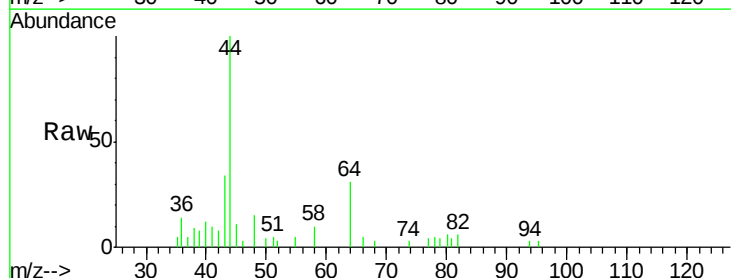
Acq: 12 May 2018 13:09

Tgt Ion: 43 Resp: 1065

Ion Ratio Lower Upper

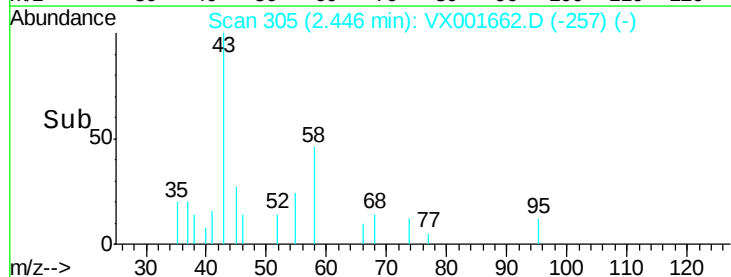
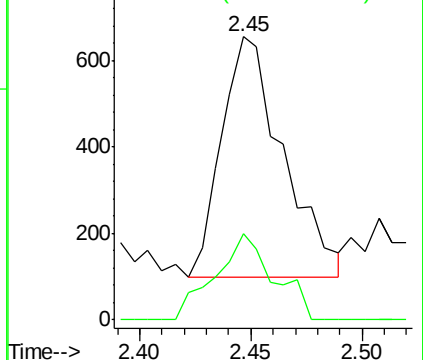
43 100

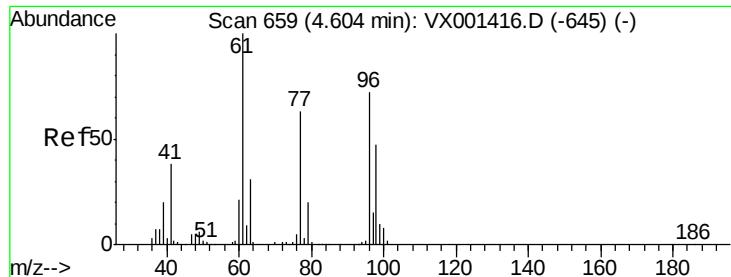
58 35.8 23.8 35.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#27

cis-1,2-Dichloroethene

Concen: 7.16 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001662.D

Acq: 12 May 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

SS037MW110-180502

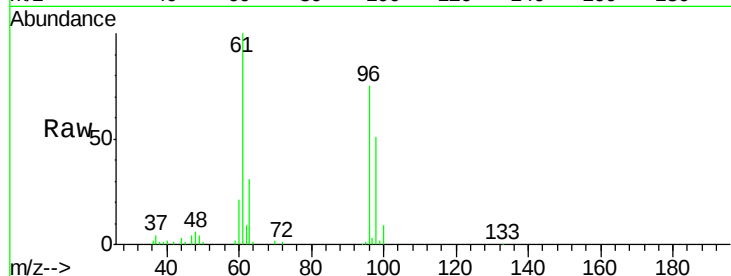
Tgt Ion: 96 Resp: 25392

Ion Ratio Lower Upper

96 100

61 135.6 0.0 301.6

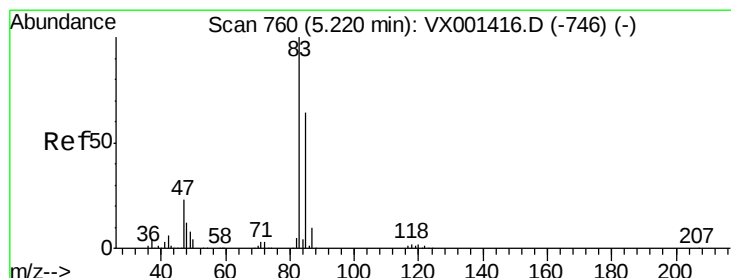
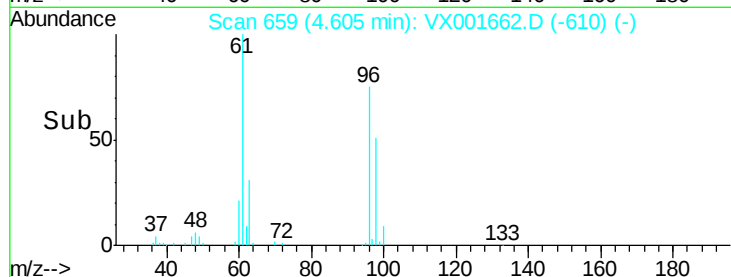
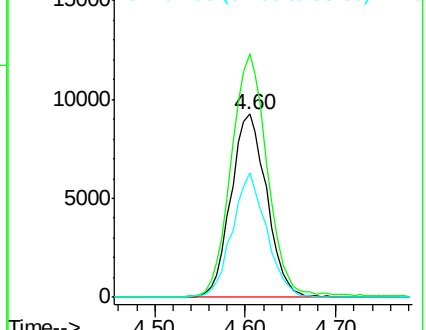
98 64.9 0.0 131.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#30

Chloroform

Concen: 0.45 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX001662.D

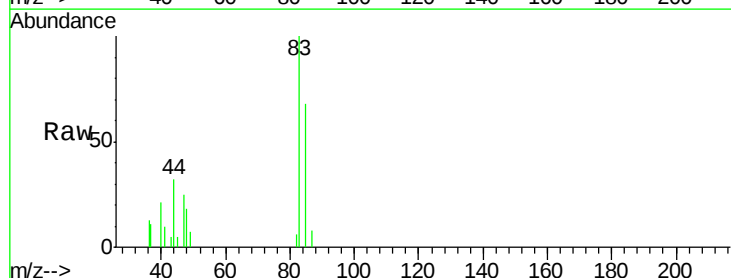
Acq: 12 May 2018 13:09

Tgt Ion: 83 Resp: 2692

Ion Ratio Lower Upper

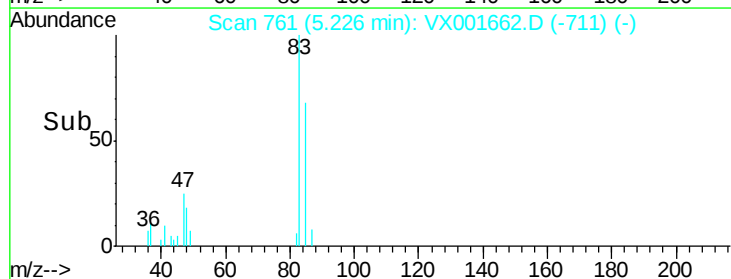
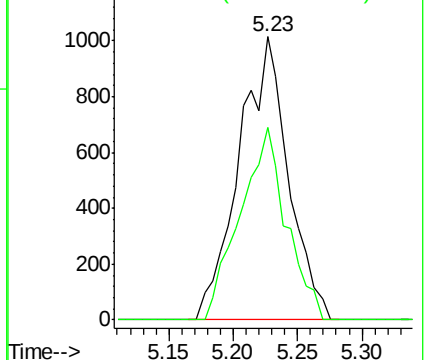
83 100

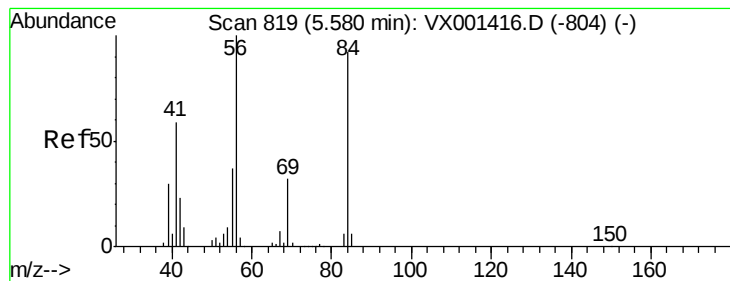
85 68.2 51.0 76.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 0.92 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.09 min

Lab File: VX001662.D

Acq: 12 May 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

SS037MW110-180502

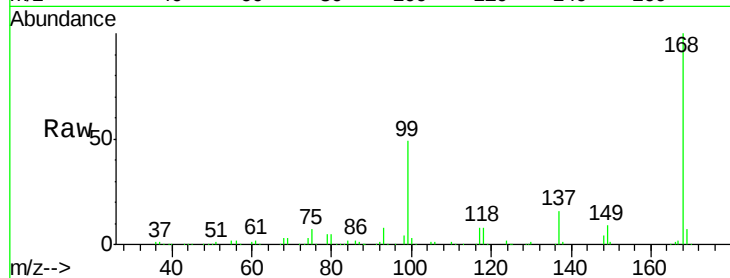
Tgt Ion: 56 Resp: 4596

Ion Ratio Lower Upper

56 100

69 174.0 25.4 38.0#

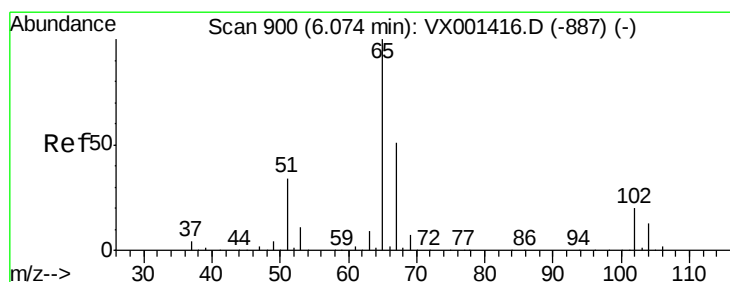
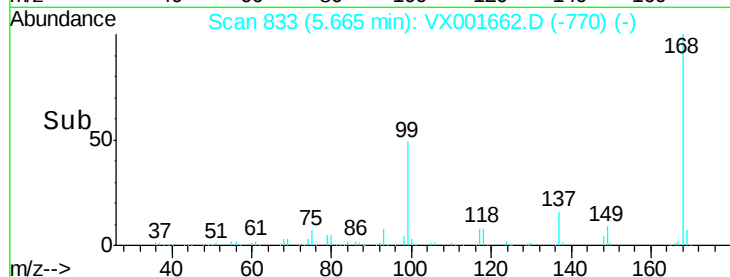
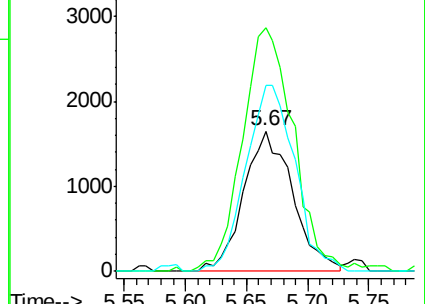
84 132.6 73.8 110.8#



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: 55.96 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001662.D

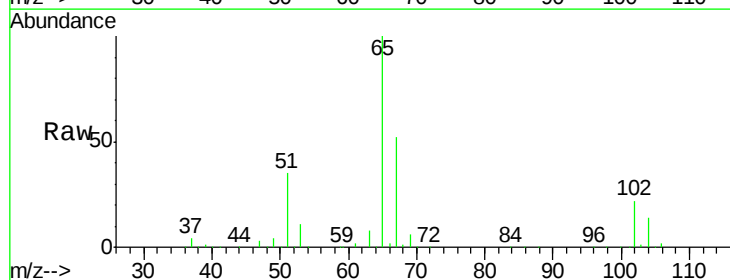
Acq: 12 May 2018 13:09

Tgt Ion: 65 Resp: 216812

Ion Ratio Lower Upper

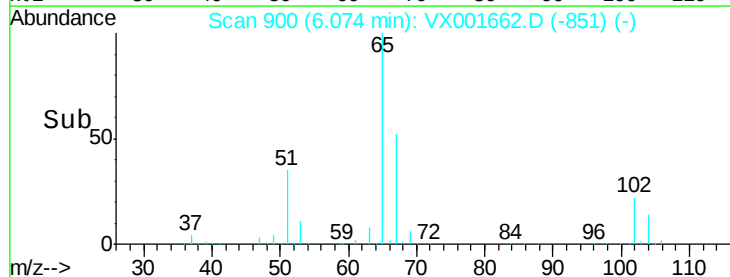
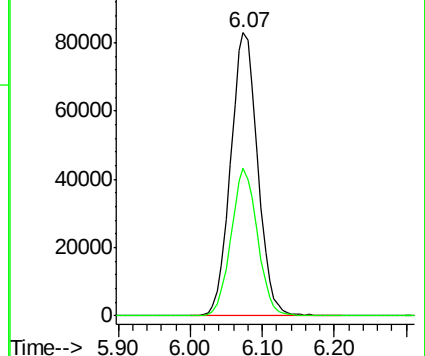
65 100

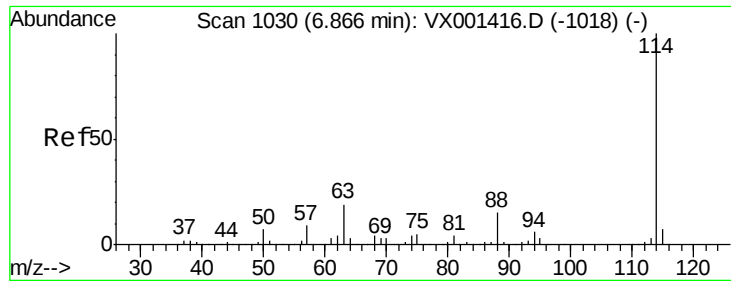
67 51.0 0.0 101.8



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: VX001662.D

Acq: 12 May 2018 13:09

Instrument :

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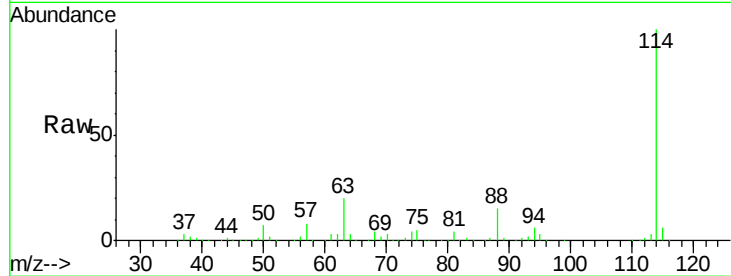
Tgt Ion:114 Resp: 362544

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.6

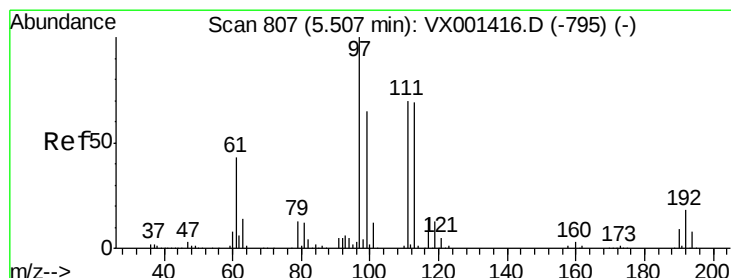
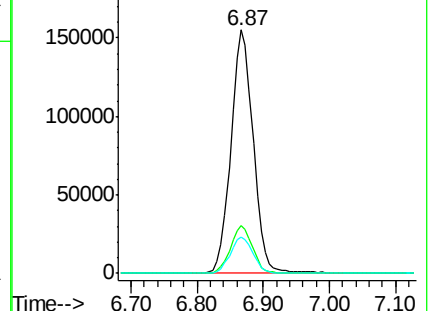
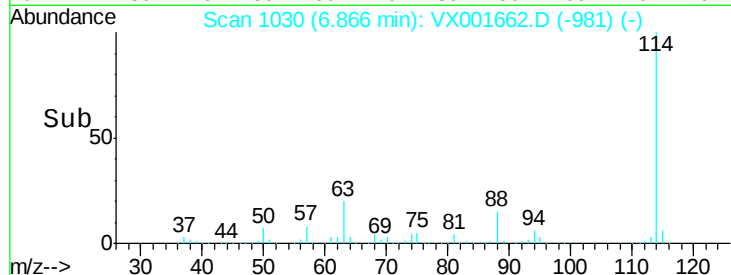
88 14.6 0.0 30.8



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: 53.55 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001662.D

Acq: 12 May 2018 13:09

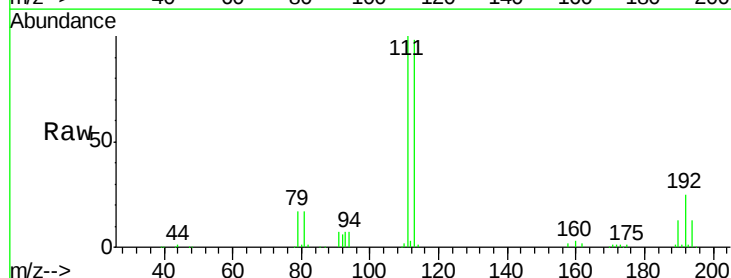
Tgt Ion:113 Resp: 172675

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.2

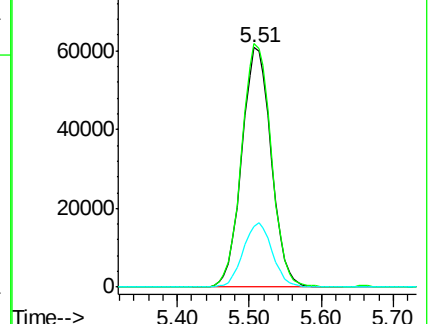
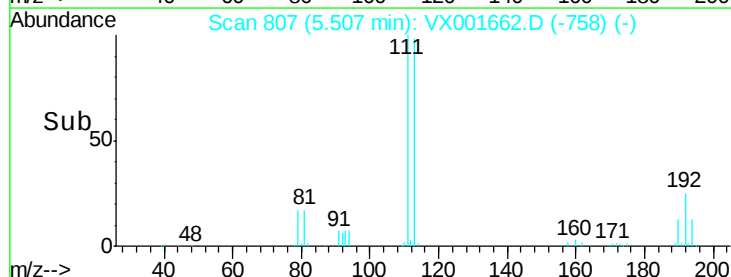
192 26.5 21.4 32.0

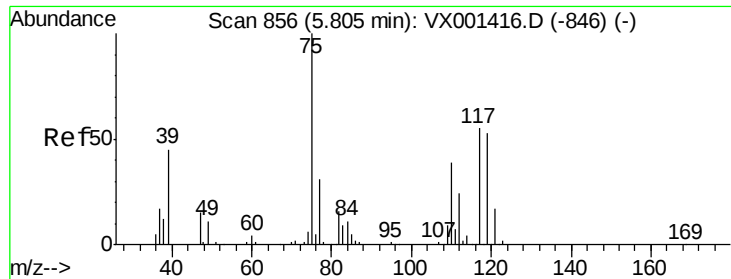


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

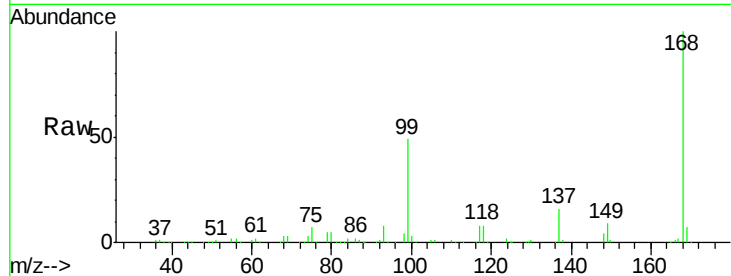




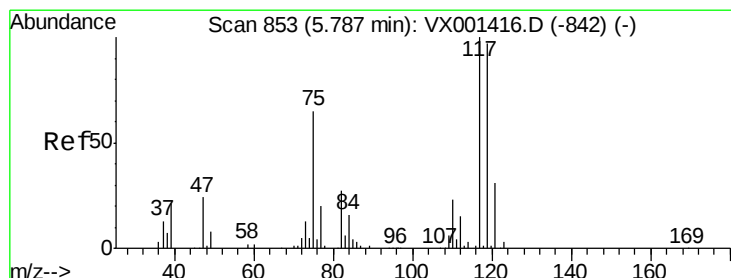
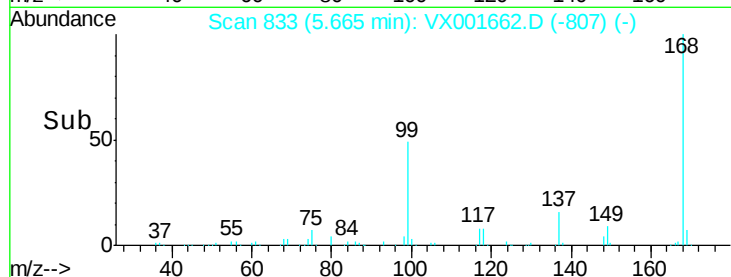
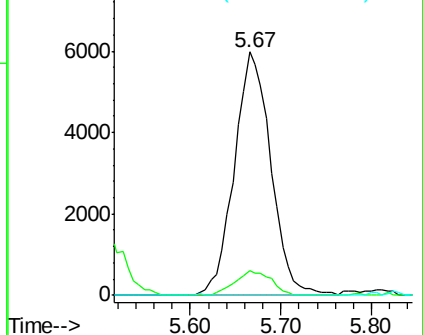
#36
 1,1-Dichloropropene
 Concen: 3.62 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX001662.D
 Acq: 12 May 2018 13:09

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW110-180502

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.0	18.9	56.7#
77	0.0	24.9	37.3#

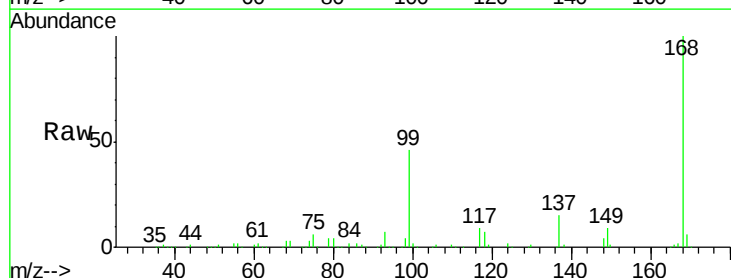


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

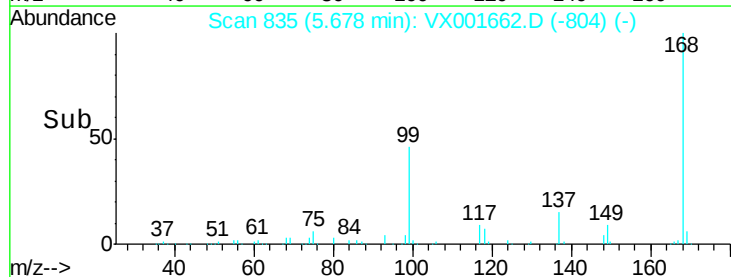
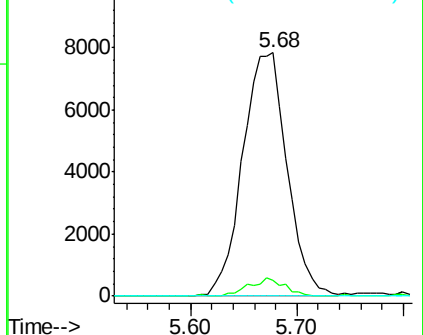


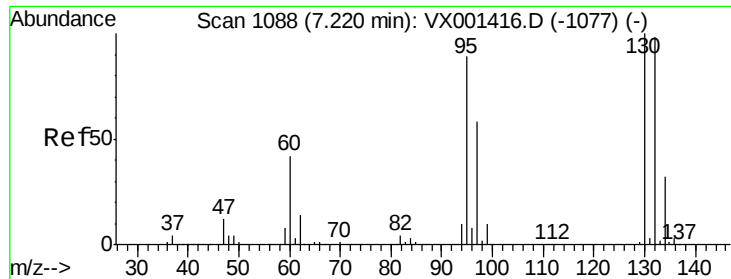
#38
 Carbon Tetrachloride
 Concen: 4.66 ug/l
 RT: 5.68 min Scan# 835
 Delta R.T. -0.11 min
 Lab File: VX001662.D
 Acq: 12 May 2018 13:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.5	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





#44

Trichloroethene

Concen: 1.76 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001662.D

Acq: 12 May 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

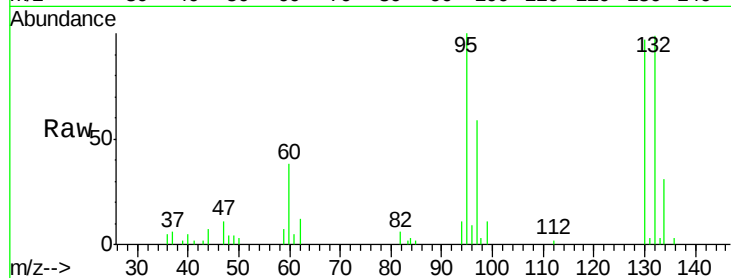
SS037MW110-180502

Tgt Ion:130 Resp: 7255

Ion Ratio Lower Upper

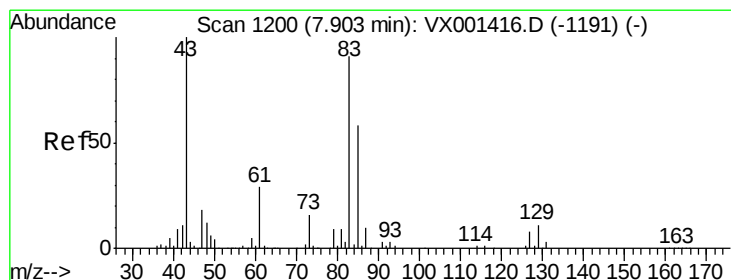
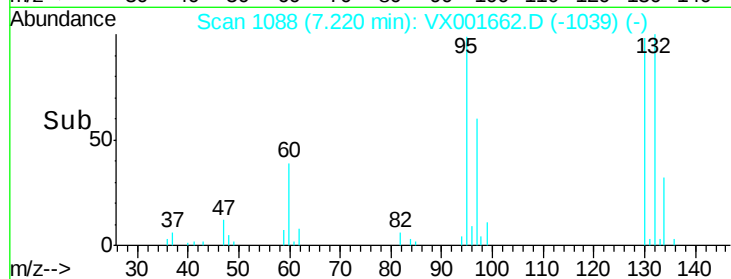
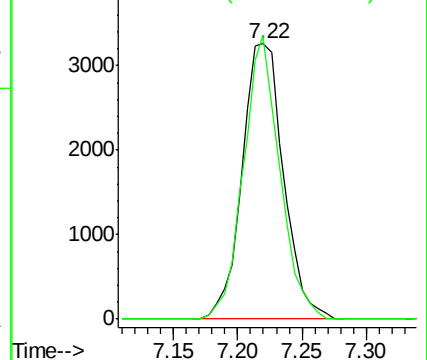
130 100

95 102.8 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#47

Bromodichloromethane

Concen: 0.27 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001662.D

Acq: 12 May 2018 13:09

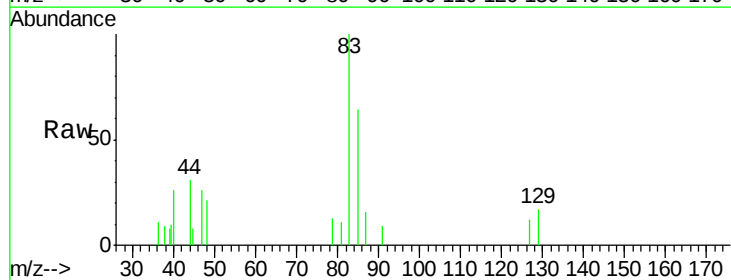
Tgt Ion: 83 Resp: 1181

Ion Ratio Lower Upper

83 100

85 64.0 51.0 76.6

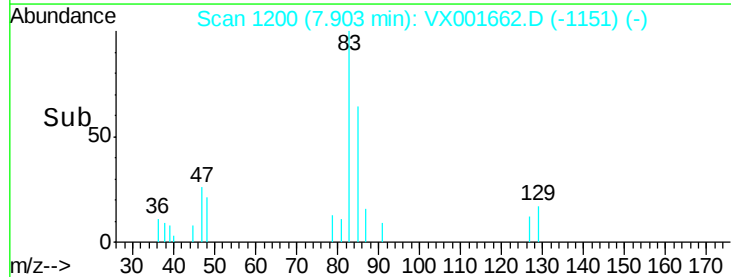
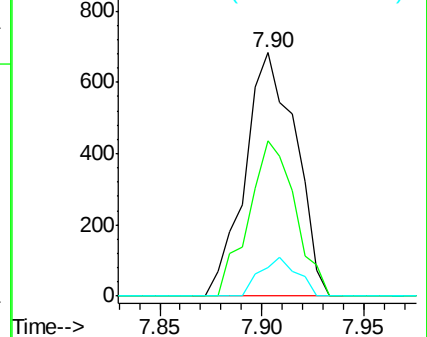
127 11.7 7.4 11.2#

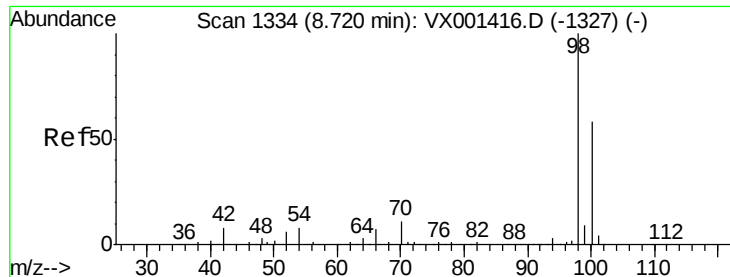


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V





#50

Toluene-d8

Concen: 51.71 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001662.D

Acq: 12 May 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

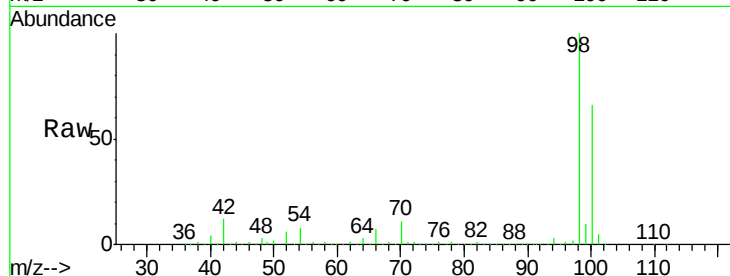
SS037MW110-180502

Tgt Ion: 98 Resp: 608630

Ion Ratio Lower Upper

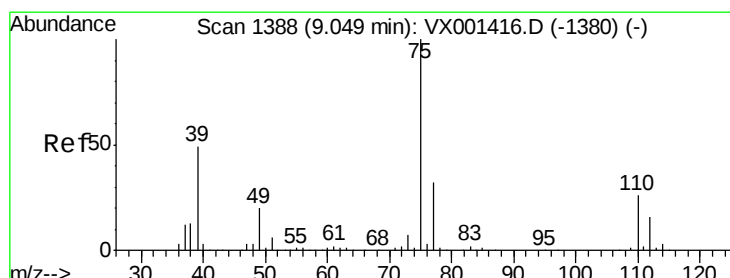
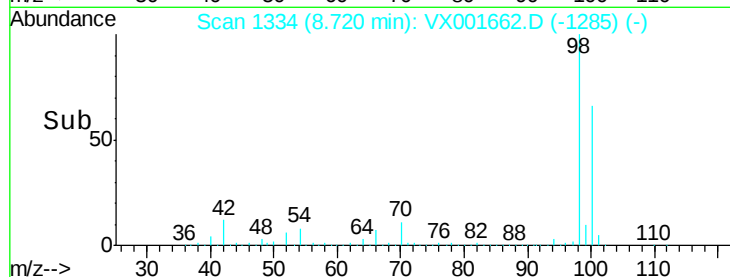
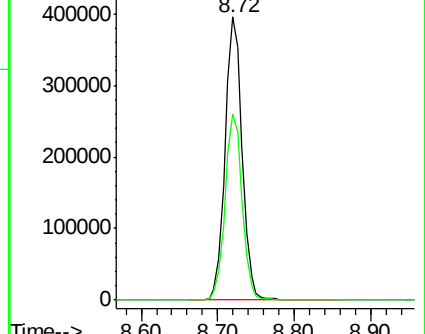
98 100

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): VX0



#54

cis-1,3-Dichloropropene

Concen: 2.29 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001662.D

Acq: 12 May 2018 13:09

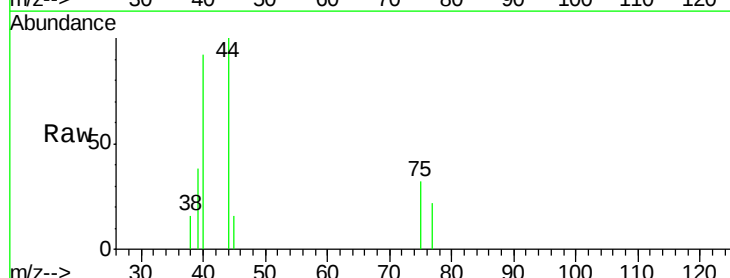
Tgt Ion: 75 Resp: 139

Ion Ratio Lower Upper

75 100

77 68.6 25.5 38.3#

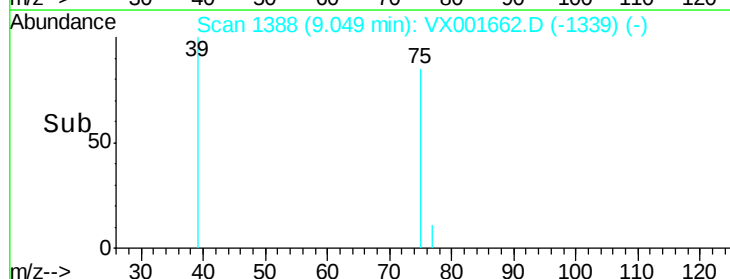
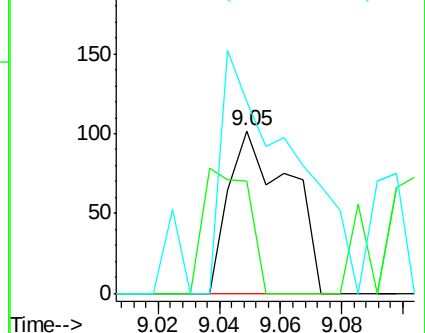
39 117.6 38.9 58.3#

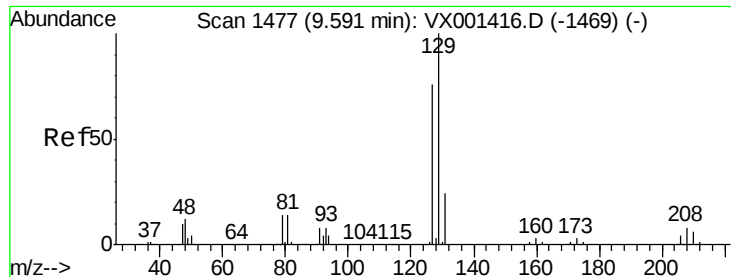


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#60

Dibromochloromethane

Concen: 7.25 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.25 min

Lab File: VX001662.D

Acq: 12 May 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

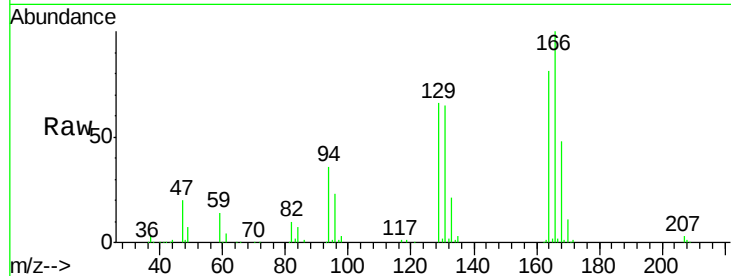
SS037MW110-180502

Tgt Ion:129 Resp: 26362

Ion Ratio Lower Upper

129 100

127 0.0 38.1 114.5#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.34

20000

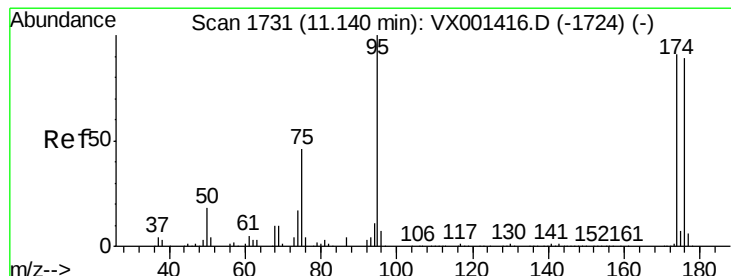
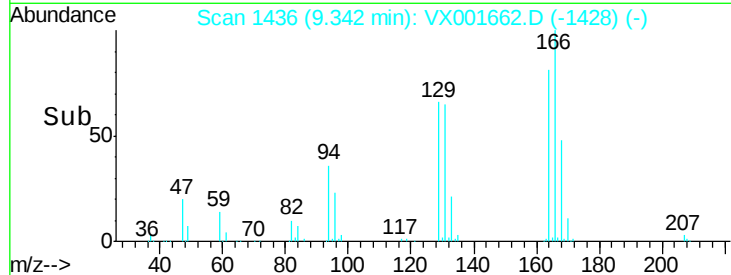
15000

10000

5000

0

Time--> 9.30 9.35 9.40 9.45



#62

4-Bromofluorobenzene

Concen: 41.33 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001662.D

Acq: 12 May 2018 13:09

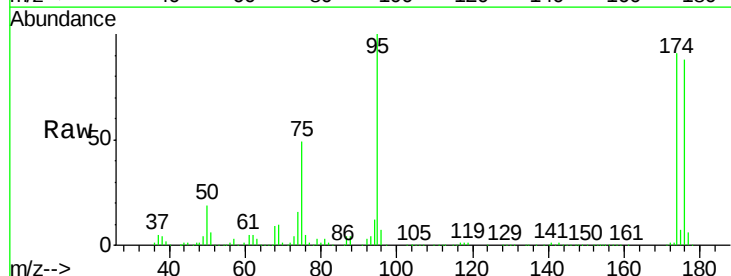
Tgt Ion: 95 Resp: 186738

Ion Ratio Lower Upper

95 100

174 101.7 0.0 202.0

176 97.6 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

11.14

200000

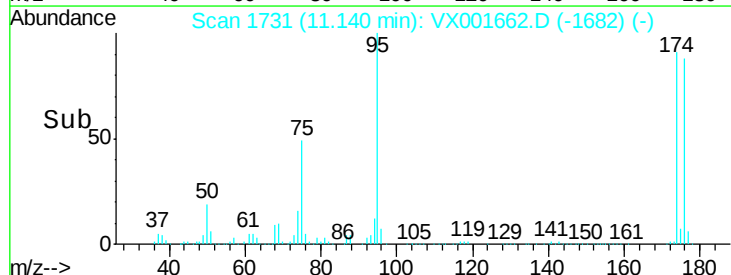
150000

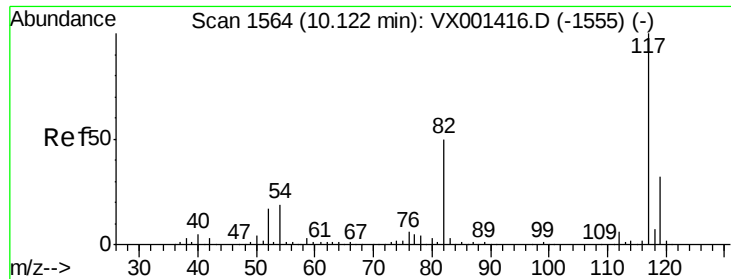
100000

50000

0

Time--> 11.10 11.20

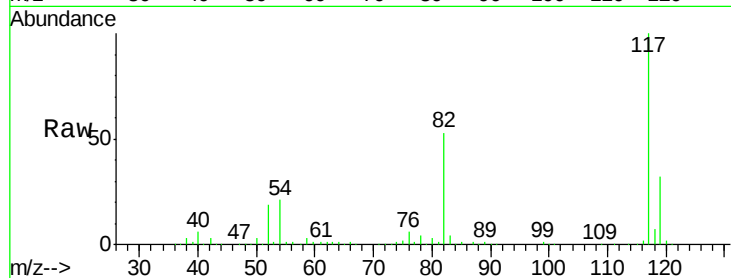




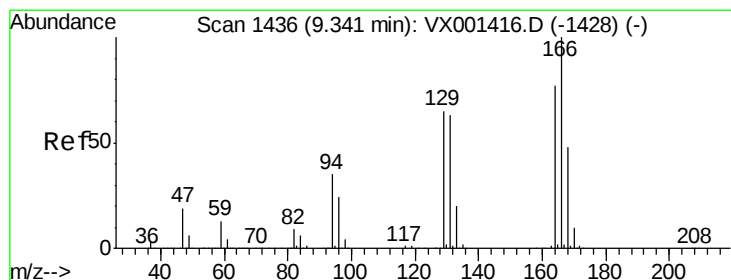
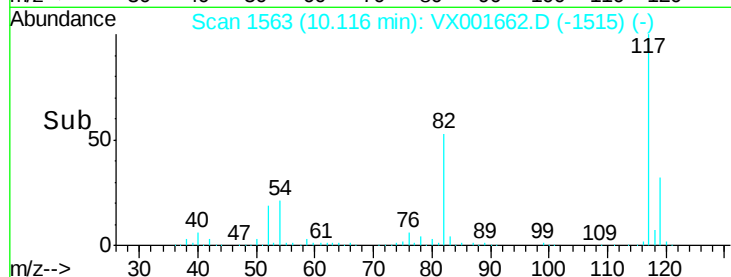
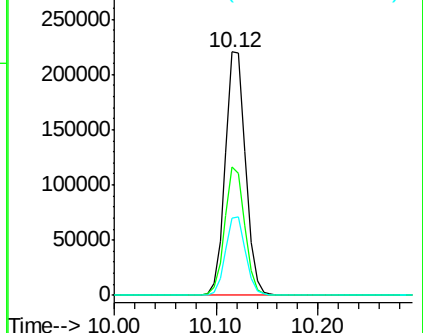
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001662.D
Acq: 12 May 2018 13:09

Instrument :
MSVOA_X
ClientSampleId :
SS037MW110-180502

Tgt Ion:117 Resp: 303425
Ion Ratio Lower Upper
117 100
82 52.6 40.0 60.0
119 31.6 25.8 38.8



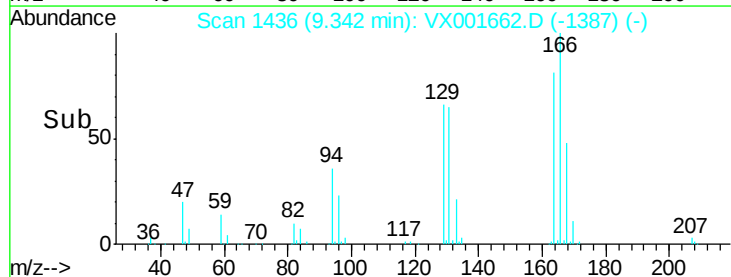
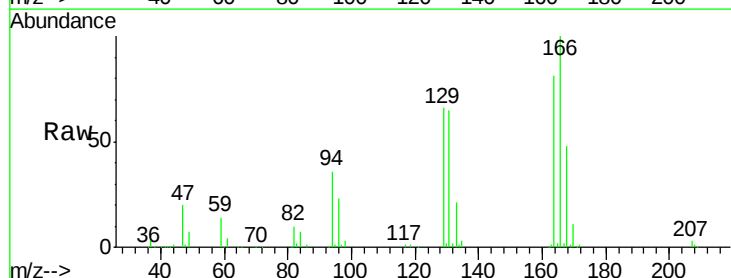
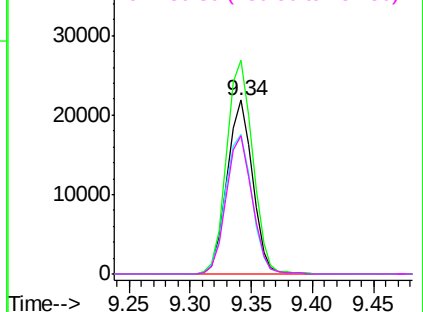
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

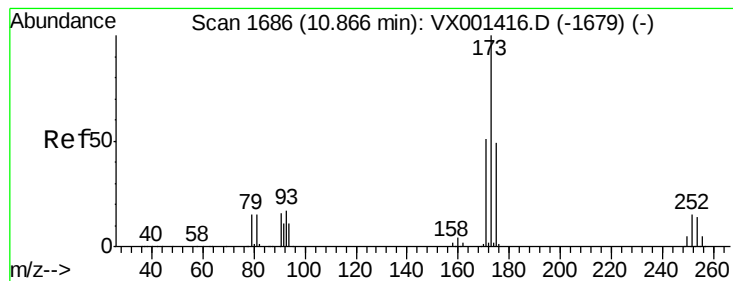


#64
Tetrachloroethene
Concen: 7.45 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001662.D
Acq: 12 May 2018 13:09

Tgt Ion:164 Resp: 31488
Ion Ratio Lower Upper
164 100
166 122.9 103.5 155.3
129 80.5 66.7 100.1
131 79.7 64.9 97.3

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#71

Bromoform

Concen: 3.59 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX001662.D

Acq: 12 May 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

SS037MW110-180502

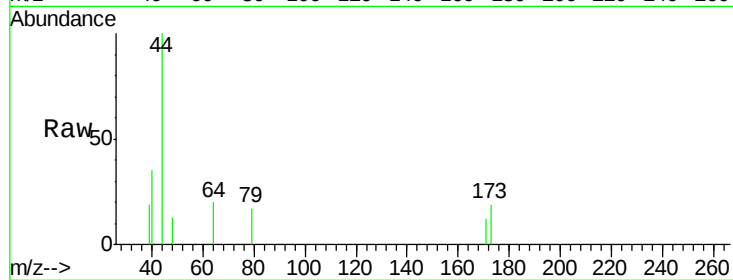
Tgt Ion:173 Resp: 84

Ion Ratio Lower Upper

173 100

175 0.0 24.5 73.5#

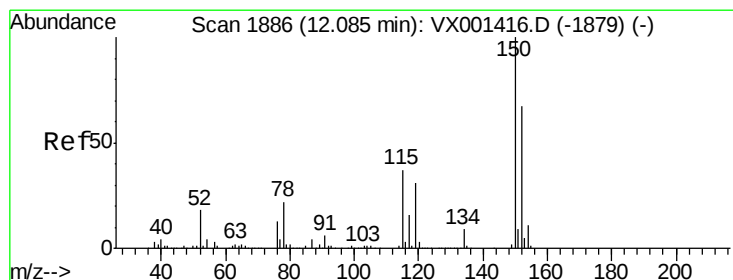
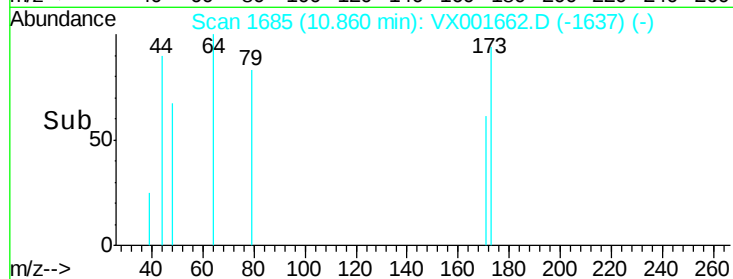
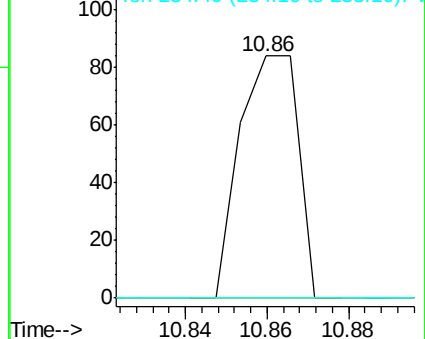
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001662.D

Acq: 12 May 2018 13:09

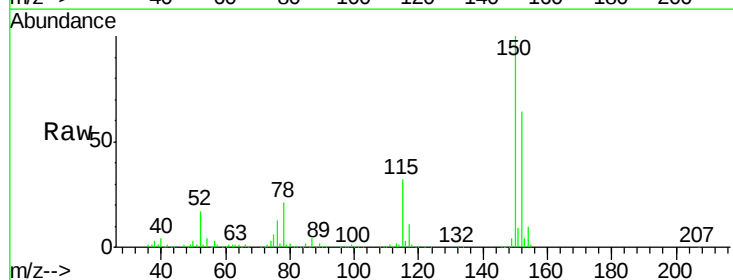
Tgt Ion:152 Resp: 151152

Ion Ratio Lower Upper

152 100

115 51.4 37.7 113.1

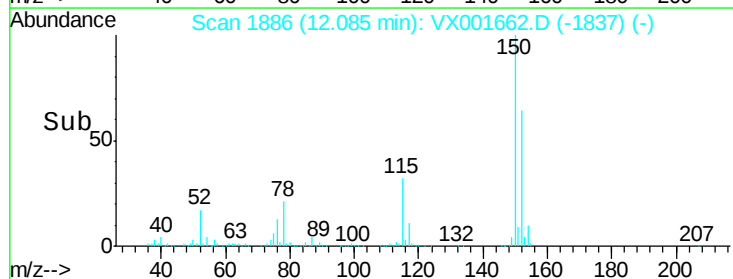
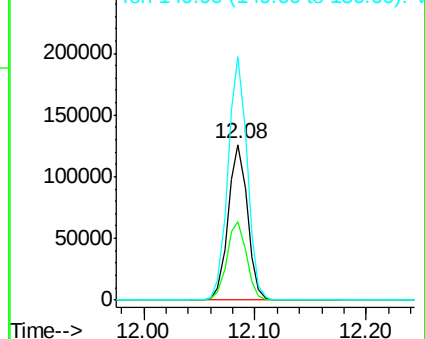
150 155.2 0.0 349.4

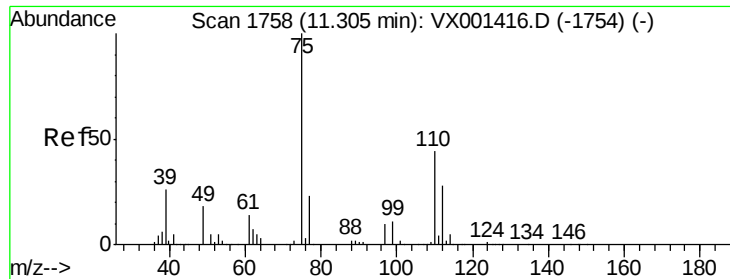


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

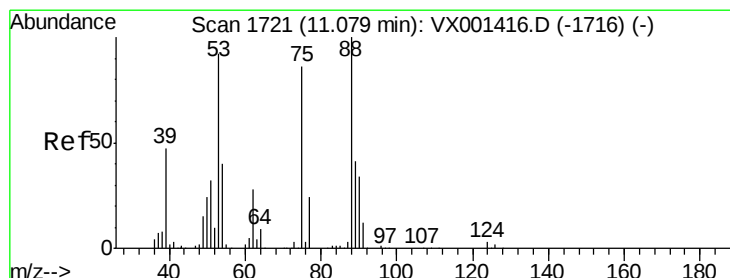
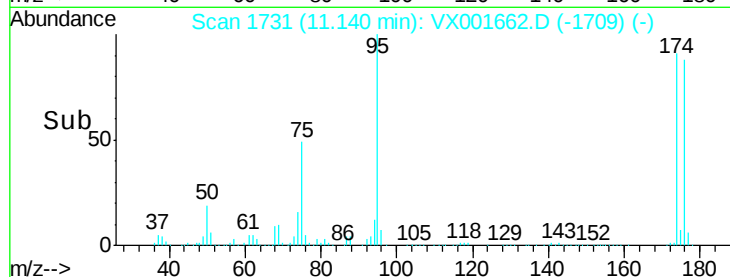
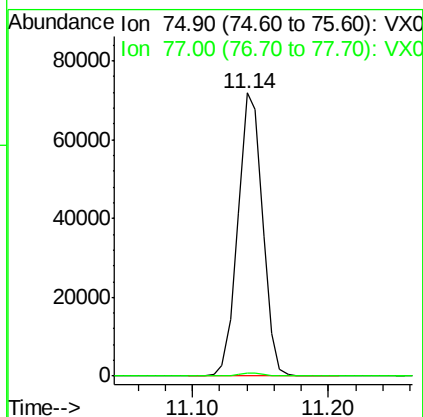
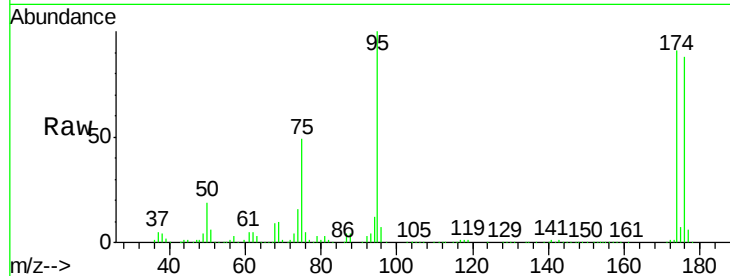




#76
 1,2,3-Trichloropropane
 Concen: 29.53 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001662.D
 Acq: 12 May 2018 13:09

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW110-180502

Tgt Ion: 75 Resp: 90519
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.6 58.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.36 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001662.D
 Acq: 12 May 2018 13:09

Tgt Ion: 75 Resp: 90519
 Ion Ratio Lower Upper
 75 100
 53 0.1 84.5 126.7#
 89 0.0 39.5 59.3#

