

Data File : VX001744.D
Acq On : 15 May 2018 14:41
Operator : JC/MD
Sample : J2737-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
KY062MW143-180503

Quant Time: May 16 04:09:05 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	261595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	349112	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	300822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	161127	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	187309	53.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.84%	
35) Dibromofluoromethane	5.51	113	155378	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	
50) Toluene-d8	8.72	98	531493	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
62) 4-Bromofluorobenzene	11.14	95	174134	45.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.66%	

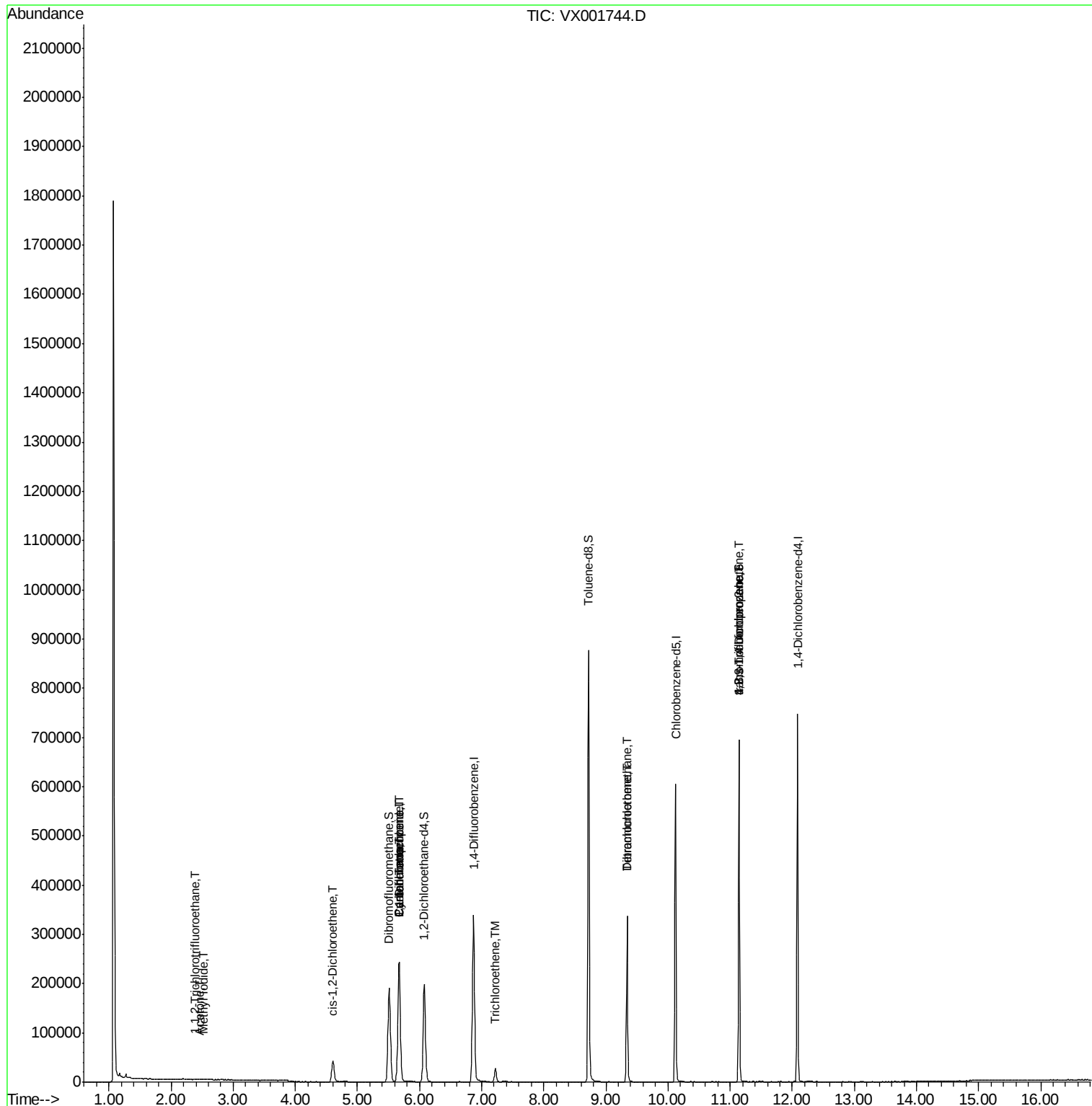
Target Compounds				Qvalue		
5) Bromomethane	1.65	94	1409	Below Cal	#	76
9) 1,1,2-Trichlorotrifluoroet	2.37	101	549	0.20	ug/l	89
10) Methyl Iodide	2.52	142	1421	0.58	ug/l	# 86
16) Acetone	2.45	43	1384	1.00	ug/l	# 84
27) cis-1,2-Dichloroethene	4.60	96	27648	8.53	ug/l	96
31) Cyclohexane	5.67	56	3983	0.90	ug/l	# 1
36) 1,1-Dichloropropene	5.67	75	15625	3.89	ug/l	# 49
38) Carbon Tetrachloride	5.67	117	21968	5.22	ug/l	# 16
44) Trichloroethene	7.22	130	10820	2.94	ug/l	97
60) Dibromochloromethane	9.34	129	59099	19.84	ug/l	# 11
64) Tetrachloroethene	9.34	164	72577	18.53	ug/l	98
76) 1,2,3-Trichloropropane	11.14	75	82943	27.07	ug/l	# 40
81) trans-1,4-Dichloro-2-buten	11.14	75	82943	78.65	ug/l	# 10

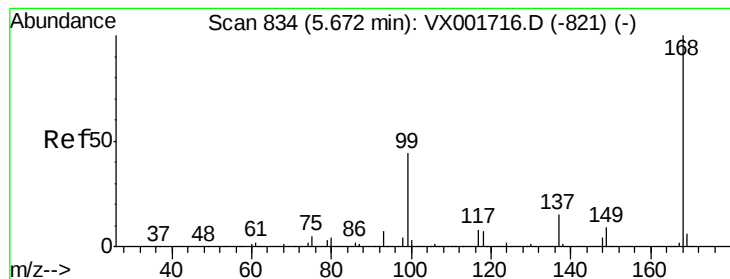
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VX001744.D
Acq On : 15 May 2018 14:41
Operator : JC/MD
Sample : J2737-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
KY062MW143-180503

Quant Time: May 16 04:09:05 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: VX001744.D

Acq: 15 May 2018 14:41

Instrument :

MSVOA_X

ClientSampleId :

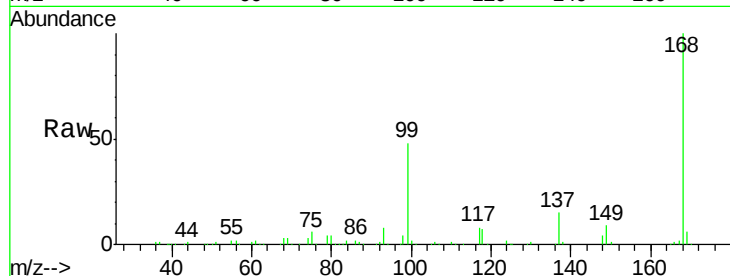
KY062MW143-180503

Tgt Ion:168 Resp: 261595

Ion Ratio Lower Upper

168 100

99 47.8 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

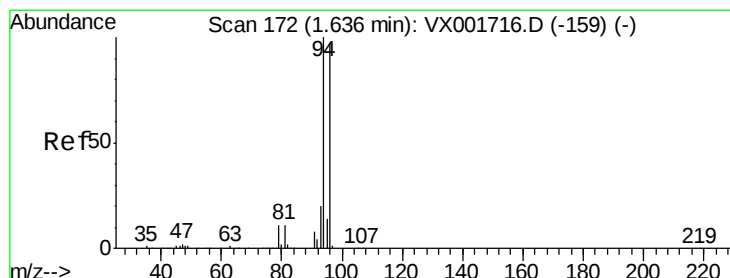
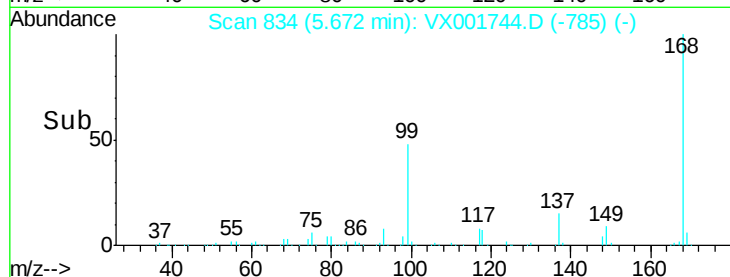
60000

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: VX001744.D

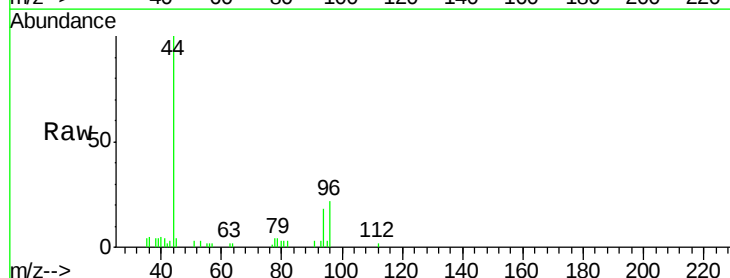
Acq: 15 May 2018 14:41

Tgt Ion: 94 Resp: 1409

Ion Ratio Lower Upper

94 100

96 119.8 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

800

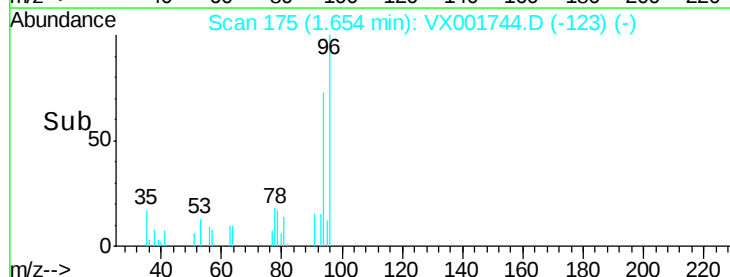
600

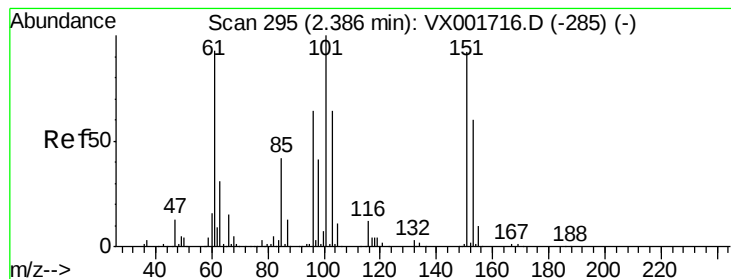
400

200

0

Time--> 1.60 1.65 1.70





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.20 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX001744.D

Acq: 15 May 2018 14:41

Instrument :

MSVOA_X

ClientSampleId :

KY062MW143-180503

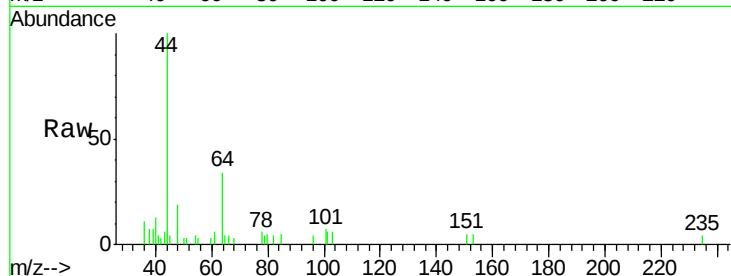
Tgt Ion:101 Resp: 549

Ion Ratio Lower Upper

101 100

85 39.7 33.7 50.5

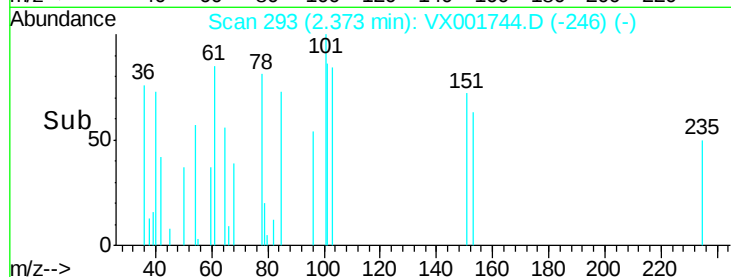
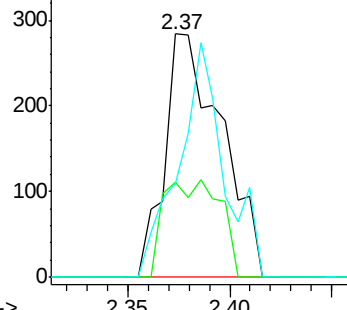
151 78.0 73.0 109.6



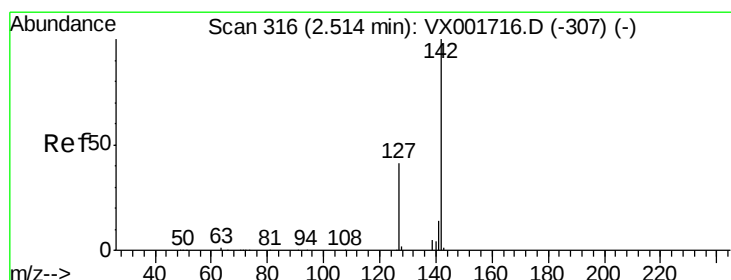
Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



Time-->



#10

Methyl Iodide

Concen: 0.58 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX001744.D

Acq: 15 May 2018 14:41

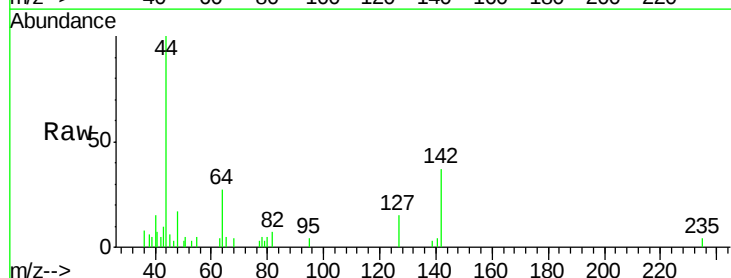
Tgt Ion:142 Resp: 1421

Ion Ratio Lower Upper

142 100

127 51.2 32.5 48.7#

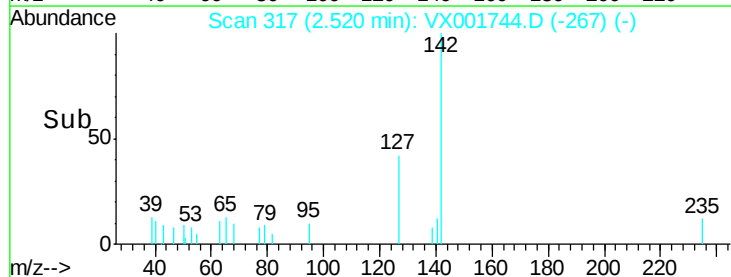
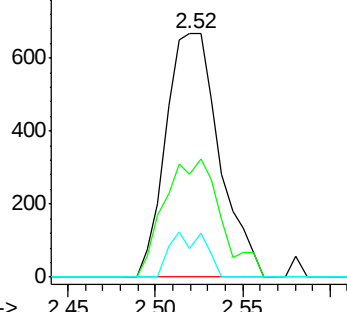
141 12.2 11.4 17.0



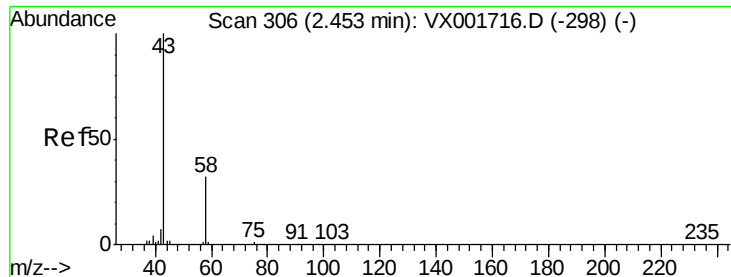
Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



Time-->



#16

Acetone

Concen: 1.00 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001744.D

Acq: 15 May 2018 14:41

Instrument :

MSVOA_X

ClientSampleId :

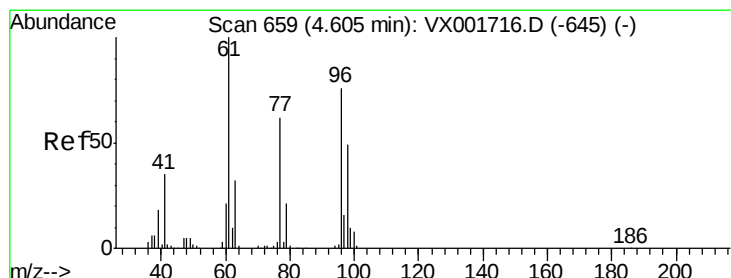
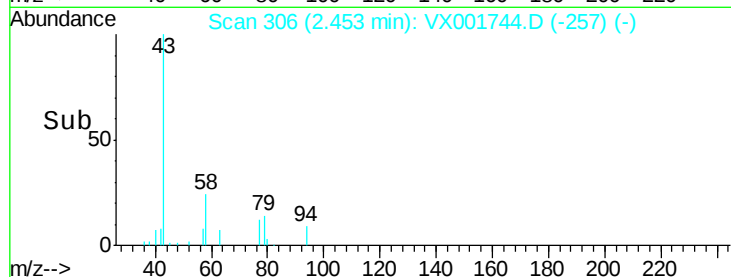
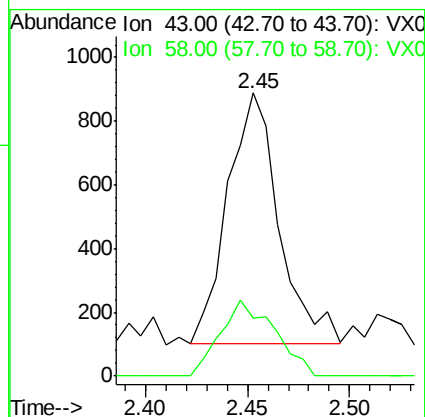
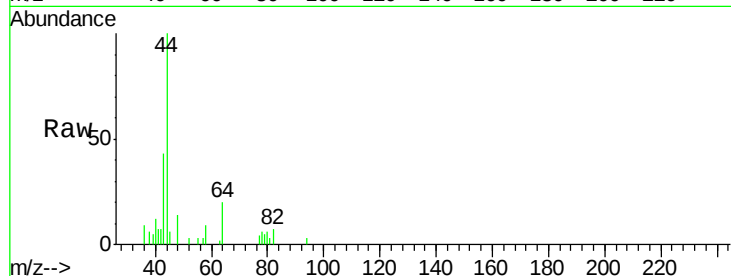
KY062MW143-180503

Tgt Ion: 43 Resp: 1384

Ion Ratio Lower Upper

43 100

58 23.0 25.3 37.9#



#27

cis-1,2-Dichloroethene

Concen: 8.53 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001744.D

Acq: 15 May 2018 14:41

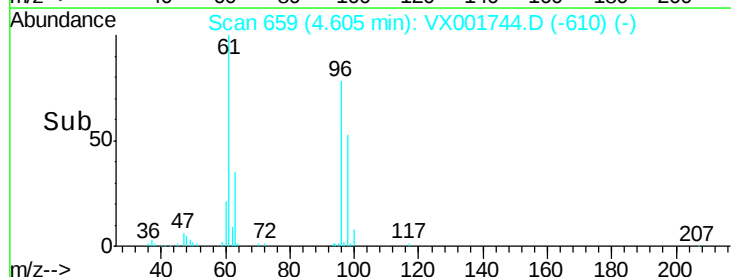
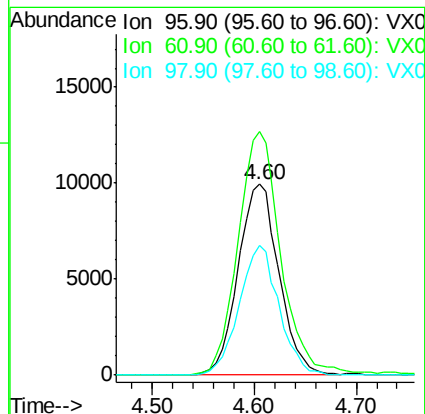
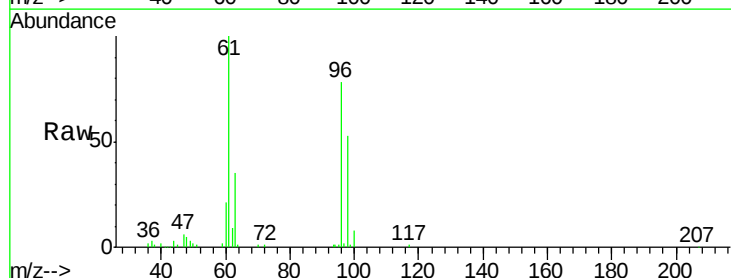
Tgt Ion: 96 Resp: 27648

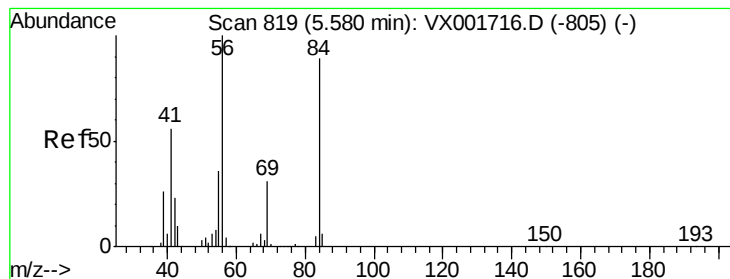
Ion Ratio Lower Upper

96 100

61 134.2 0.0 280.4

98 66.0 0.0 128.4





#31

Cyclohexane

Concen: 0.90 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX001744.D

Acq: 15 May 2018 14:41

Instrument :

MSVOA_X

ClientSampleId :

KY062MW143-180503

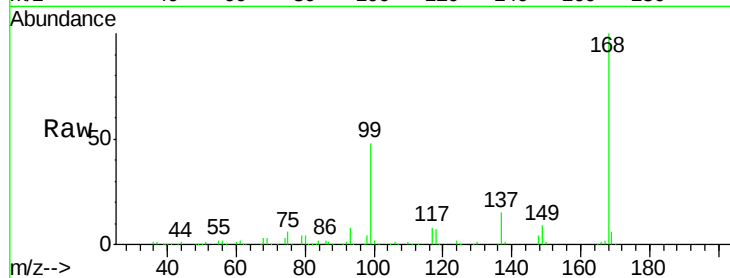
Tgt Ion: 56 Resp: 3983

Ion Ratio Lower Upper

56 100

69 193.5 25.0 37.6#

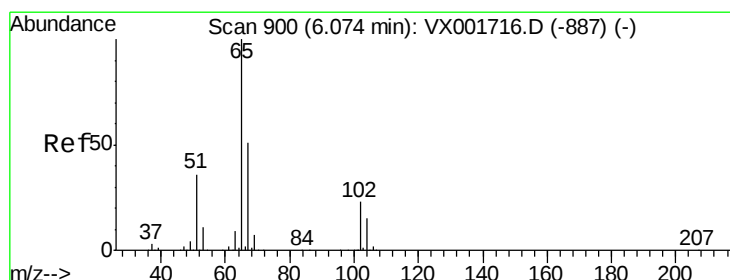
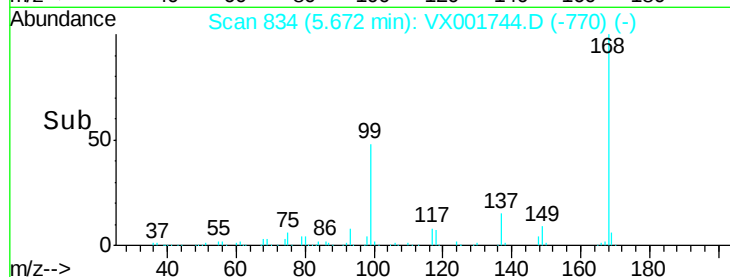
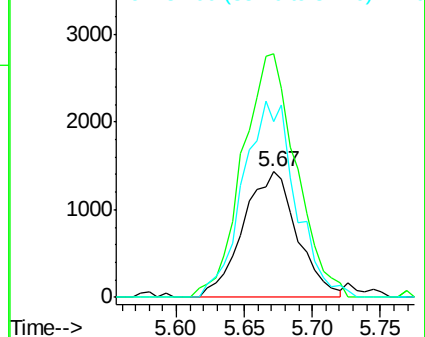
84 140.2 71.0 106.4#



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: 53.42 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001744.D

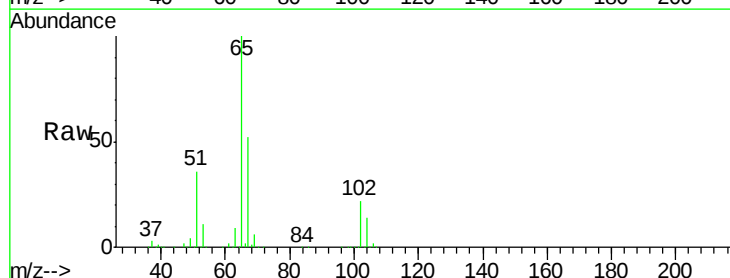
Acq: 15 May 2018 14:41

Tgt Ion: 65 Resp: 187309

Ion Ratio Lower Upper

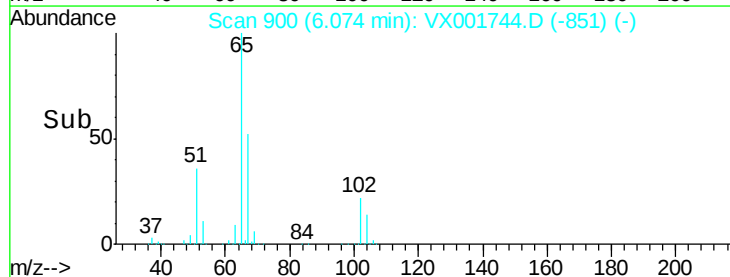
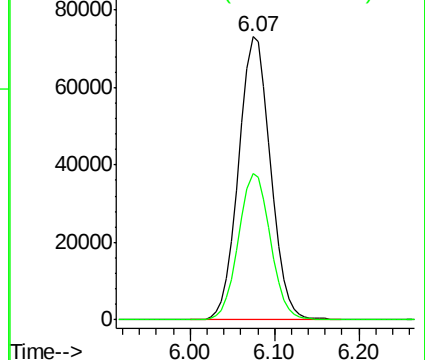
65 100

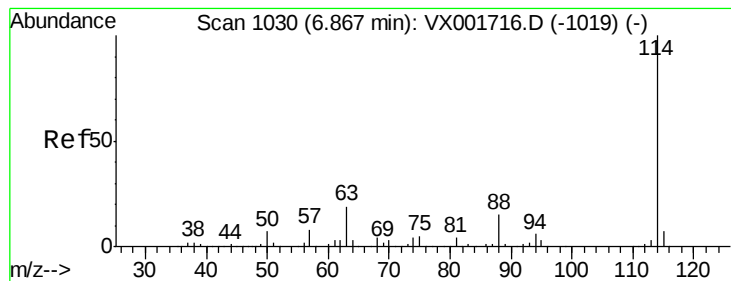
67 51.9 0.0 102.8



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: VX001744.D

Acq: 15 May 2018 14:41

Instrument :

MSVOA_X

ClientSampleId :

KY062MW143-180503

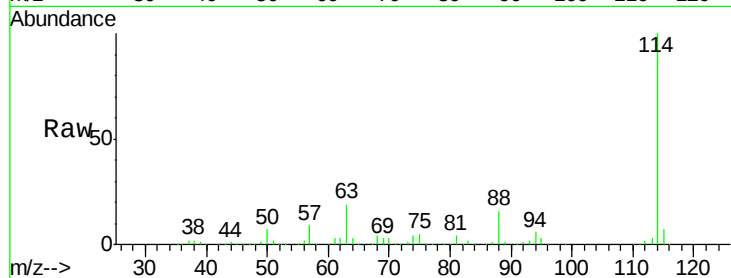
Tgt Ion:114 Resp: 349112

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.0

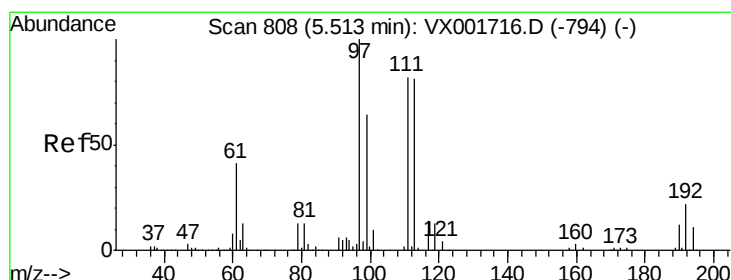
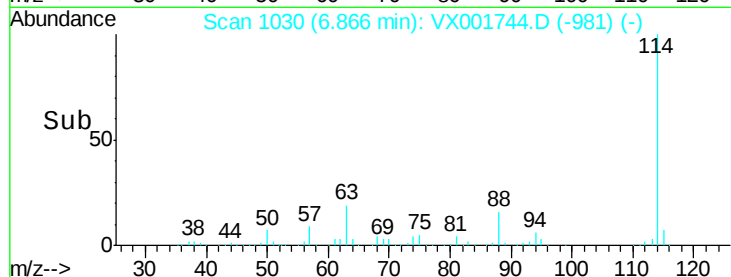
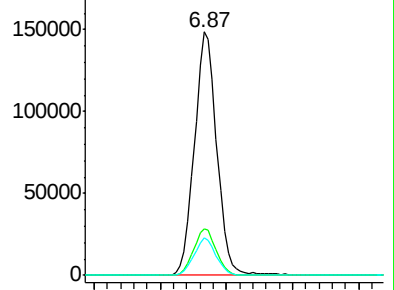
88 15.6 0.0 29.8



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: 52.74 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001744.D

Acq: 15 May 2018 14:41

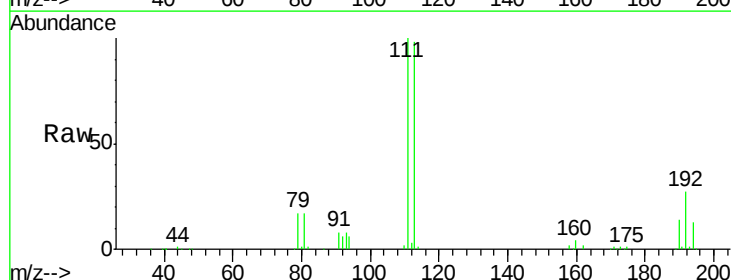
Tgt Ion:113 Resp: 155378

Ion Ratio Lower Upper

113 100

111 103.1 82.0 123.0

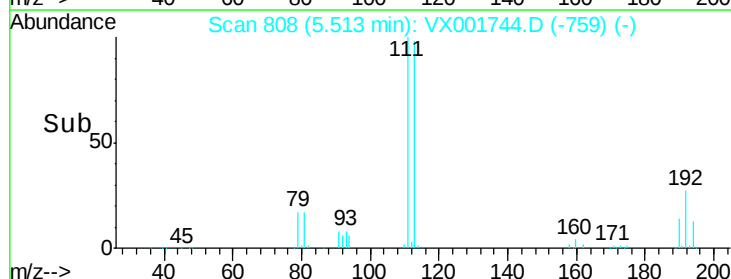
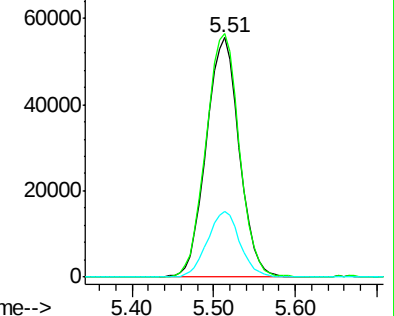
192 27.2 21.6 32.4

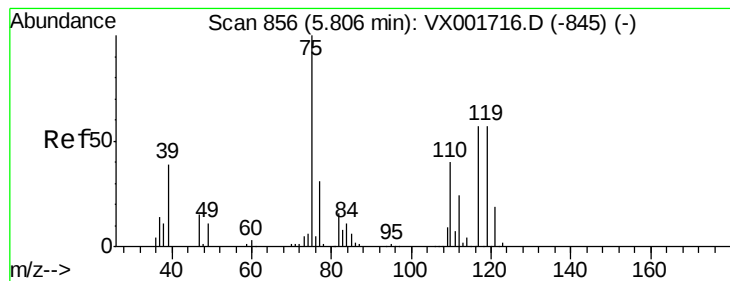


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.89 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX001744.D

Acq: 15 May 2018 14:41

Instrument :

MSVOA_X

ClientSampleId :

KY062MW143-180503

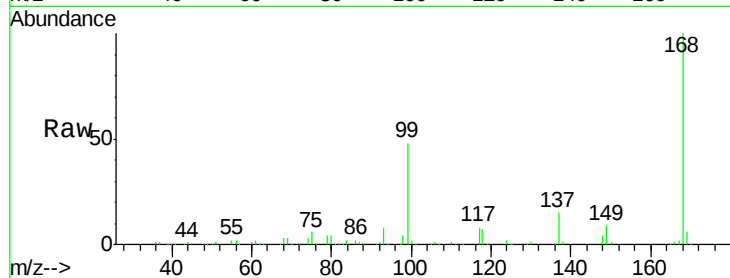
Tgt Ion: 75 Resp: 15625

Ion Ratio Lower Upper

75 100

110 10.3 19.1 57.1#

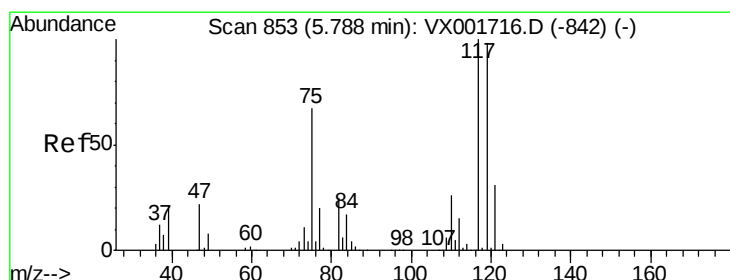
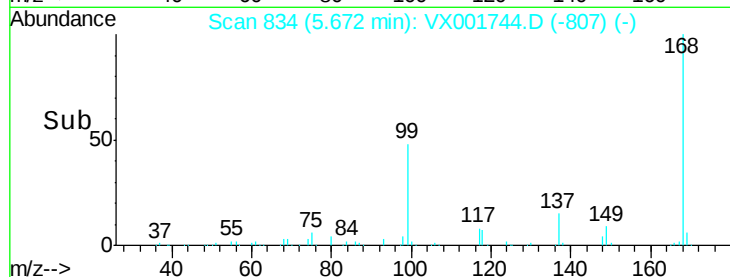
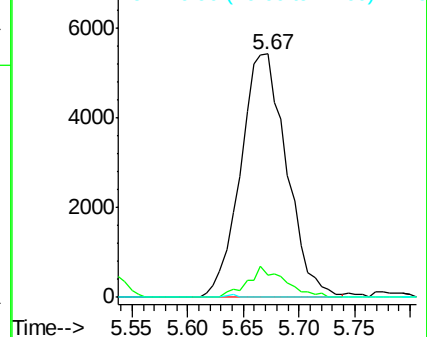
77 0.0 24.6 37.0#



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: 5.22 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX001744.D

Acq: 15 May 2018 14:41

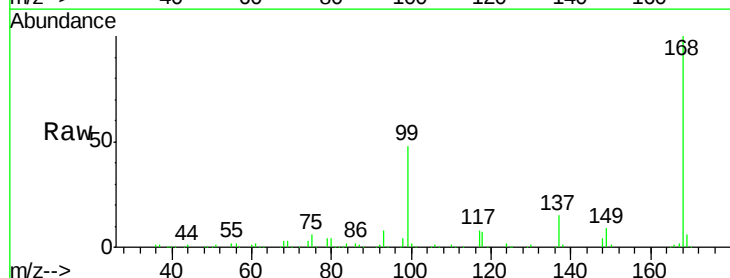
Tgt Ion: 117 Resp: 21968

Ion Ratio Lower Upper

117 100

119 5.3 77.6 116.4#

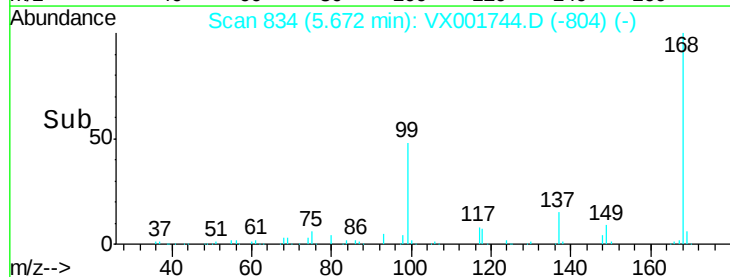
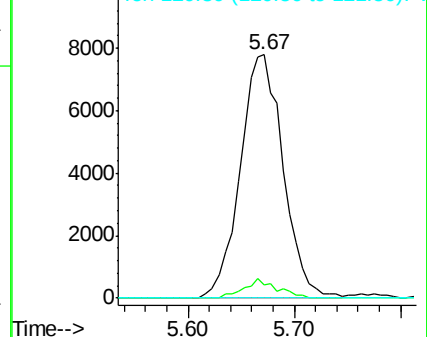
121 0.0 24.6 36.8#

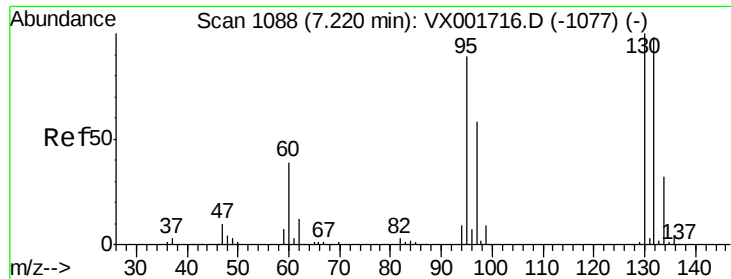


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#44

Trichloroethene

Concen: 2.94 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001744.D

Acq: 15 May 2018 14:41

Instrument :

MSVOA_X

ClientSampleId :

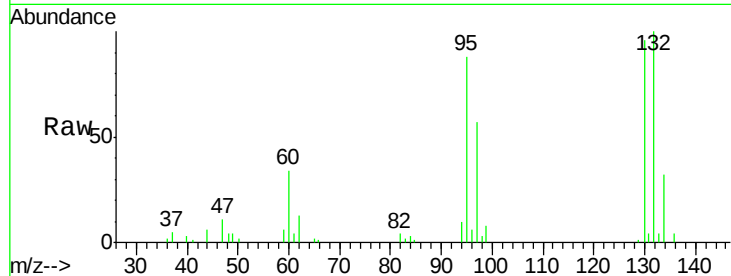
KY062MW143-180503

Tgt Ion:130 Resp: 10820

Ion Ratio Lower Upper

130 100

95 91.8 0.0 177.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

6000

5000

4000

3000

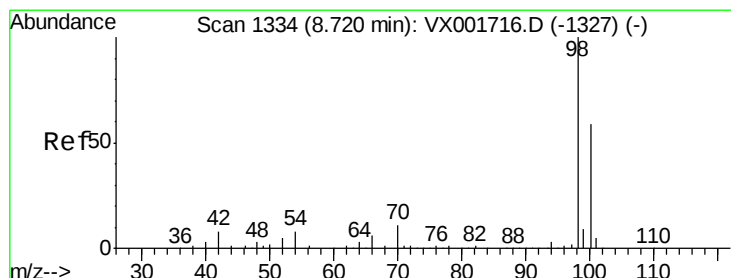
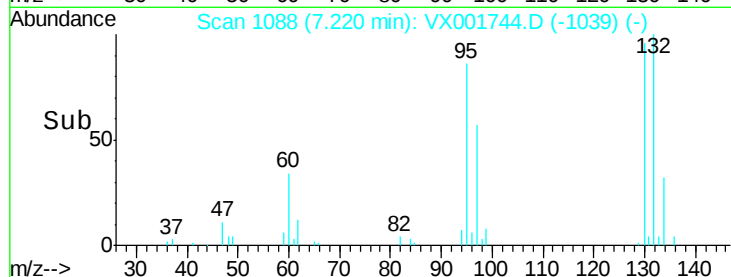
2000

1000

0

7.15 7.20 7.25 7.30

Time-->



#50

Toluene-d8

Concen: 50.37 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001744.D

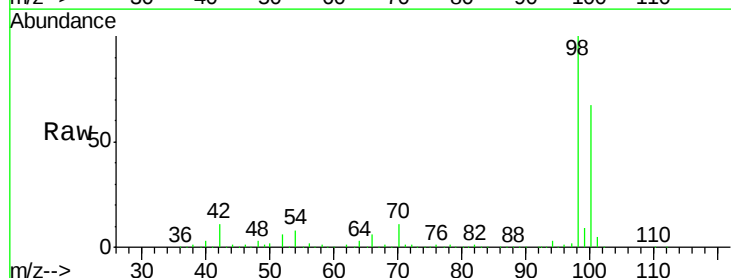
Acq: 15 May 2018 14:41

Tgt Ion: 98 Resp: 531493

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

8.72

400000

300000

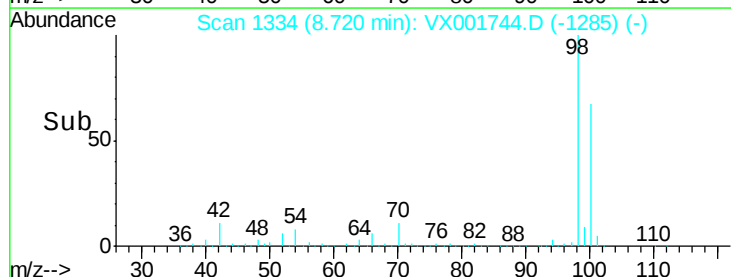
200000

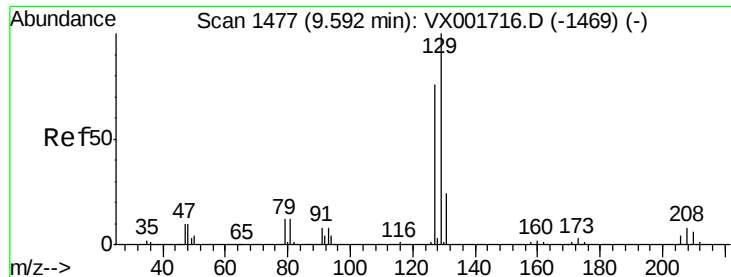
100000

0

8.60 8.70 8.80 8.90

Time-->





#60

Dibromochloromethane

Concen: 19.84 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.25 min

Lab File: VX001744.D

Acq: 15 May 2018 14:41

Instrument :

MSVOA_X

ClientSampleId :

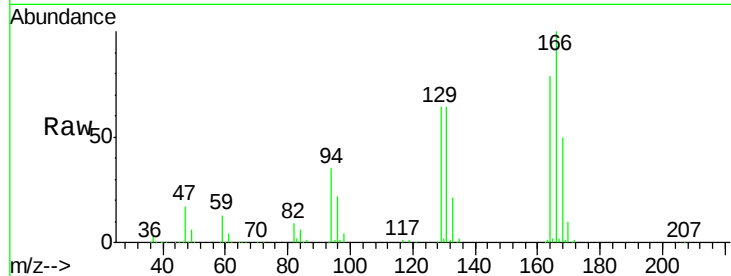
KY062MW143-180503

Tgt Ion:129 Resp: 59099

Ion Ratio Lower Upper

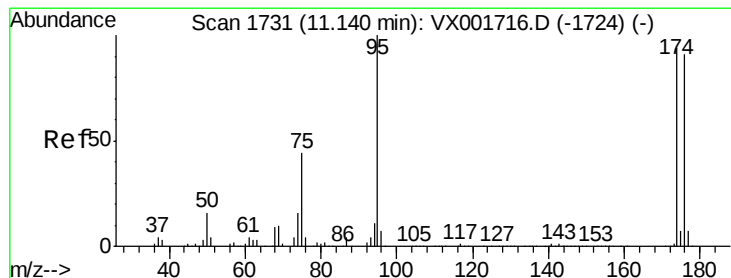
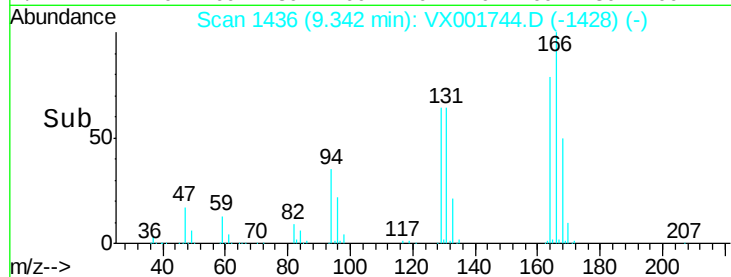
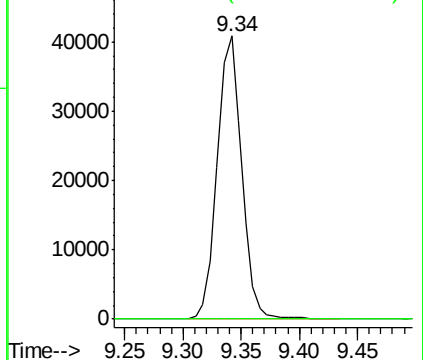
129 100

127 0.0 38.7 116.1#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 45.83 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001744.D

Acq: 15 May 2018 14:41

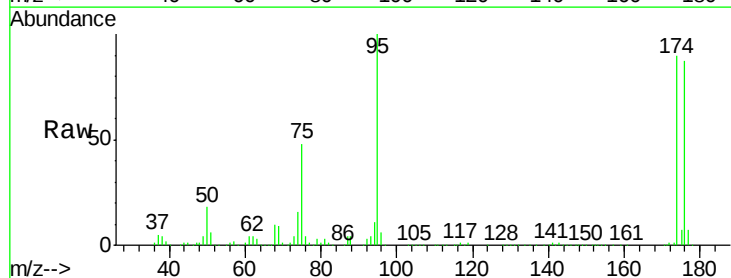
Tgt Ion: 95 Resp: 174134

Ion Ratio Lower Upper

95 100

174 101.5 0.0 201.8

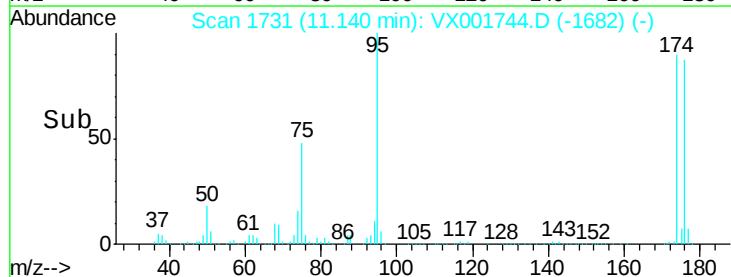
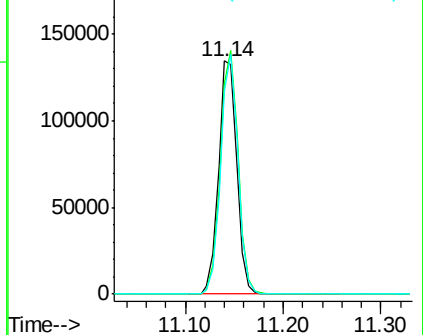
176 97.5 0.0 196.8

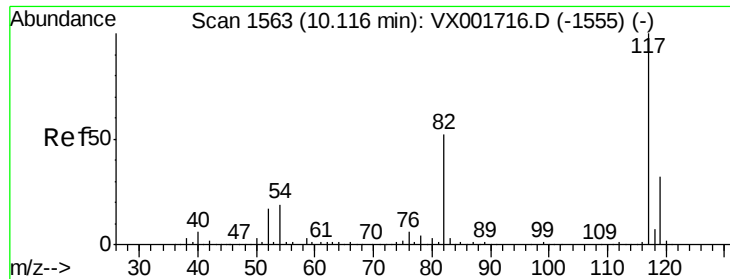


Abundance Ion 94.90 (94.60 to 95.60): VX0

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# 1564

Delta R.T. 0.01 min

Lab File: VX001744.D

Acq: 15 May 2018 14:41

Instrument :

MSVOA_X

ClientSampleId :

KY062MW143-180503

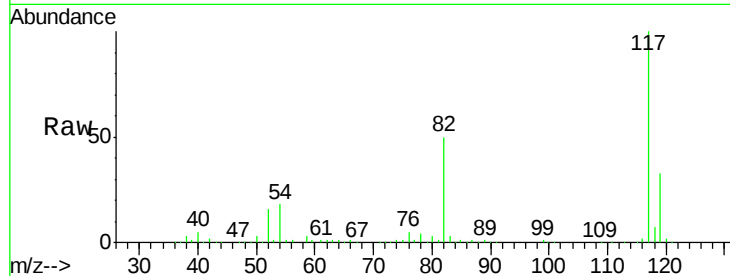
Tgt Ion:117 Resp: 300822

Ion Ratio Lower Upper

117 100

82 49.8 41.4 62.2

119 32.7 25.6 38.4

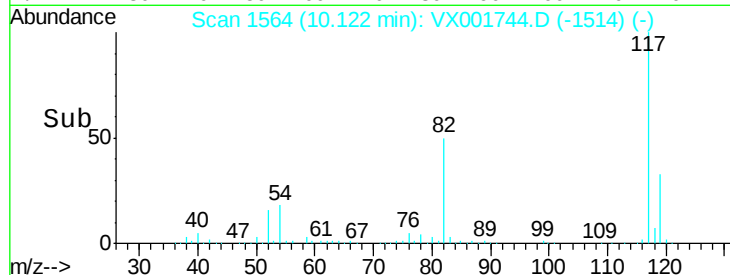


Abundance Ion 116.90 (116.60 to 117.60): V

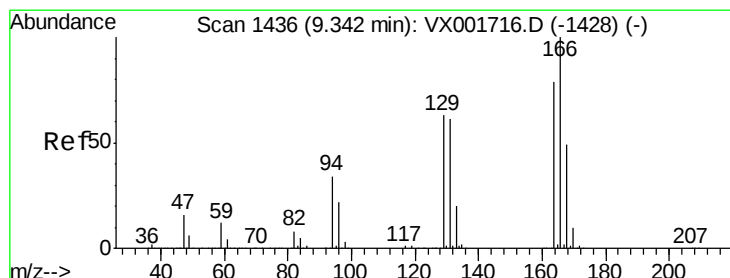
Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

Time-->



Time-->



#64

Tetrachloroethene

Concen: 18.53 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001744.D

Acq: 15 May 2018 14:41

Tgt Ion:164 Resp: 72577

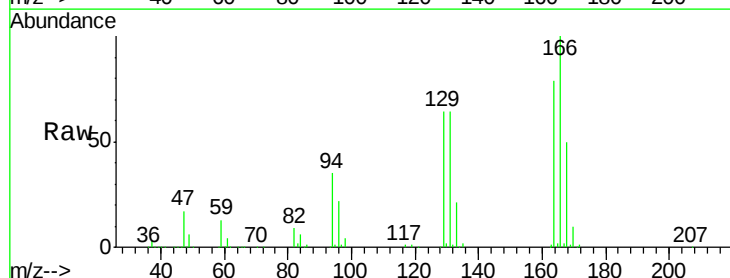
Ion Ratio Lower Upper

164 100

166 125.9 101.8 152.8

129 80.8 63.8 95.6

131 81.1 62.2 93.2



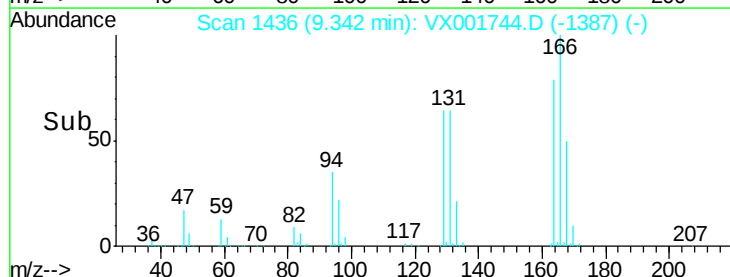
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

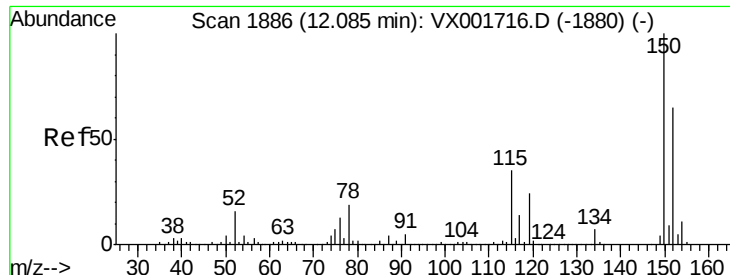
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

Time-->



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001744.D

Acq: 15 May 2018 14:41

Instrument :

MSVOA_X

ClientSampleId :

KY062MW143-180503

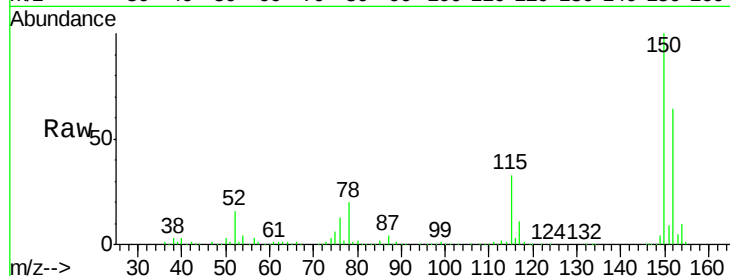
Tgt Ion:152 Resp: 161127

Ion Ratio Lower Upper

152 100

115 51.4 37.4 112.2

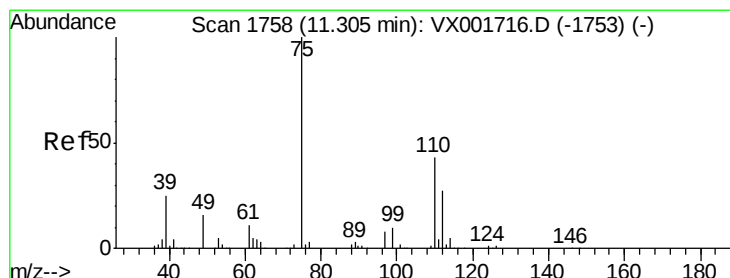
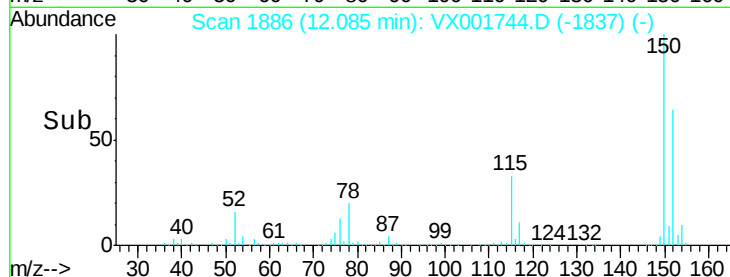
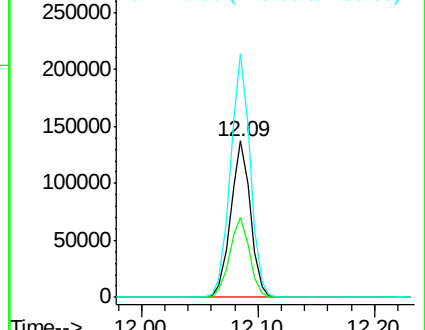
150 155.2 0.0 344.8



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: 27.07 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001744.D

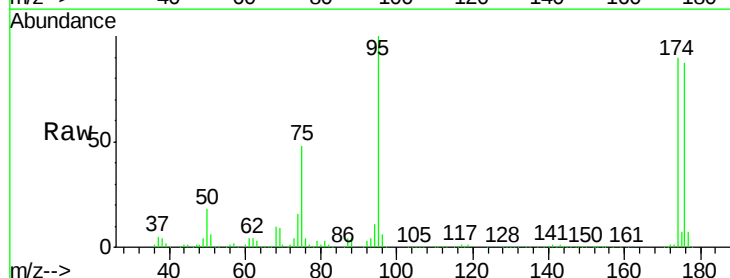
Acq: 15 May 2018 14:41

Tgt Ion: 75 Resp: 82943

Ion Ratio Lower Upper

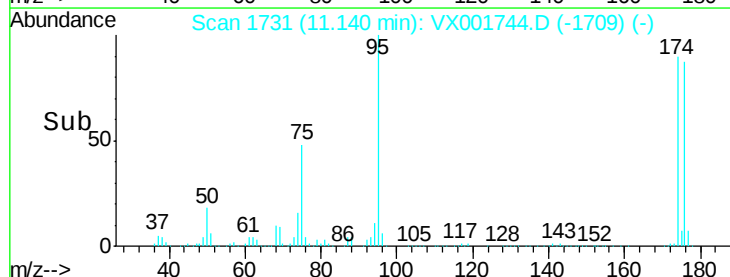
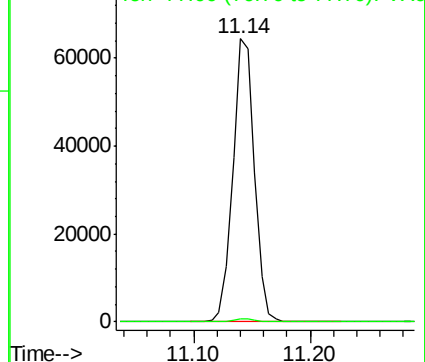
75 100

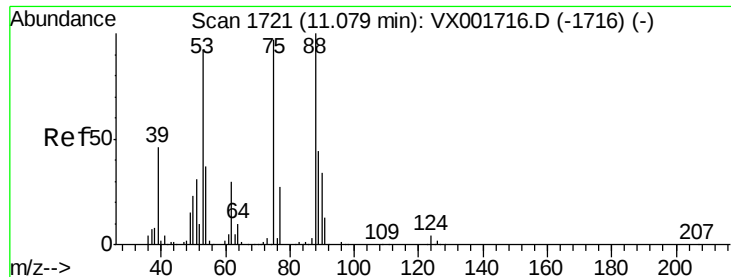
77 1.4 18.9 56.7#



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: 78.65 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001744.D

Acq: 15 May 2018 14:41

Instrument :

MSVOA_X

ClientSampleId :

KY062MW143-180503

Tgt Ion: 75 Resp: 82943

Ion Ratio Lower Upper

75 100

53 0.2 79.4 119.2#

89 0.0 38.8 58.2#

