

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050818\
 Data File : VX001510.D
 Acq On : 08 May 2018 13:33
 Operator : JC/MD
 Sample : J2659-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 09 06:43:46 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	278362	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	384622	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	344521	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204224	50.00	ug/l	0.00

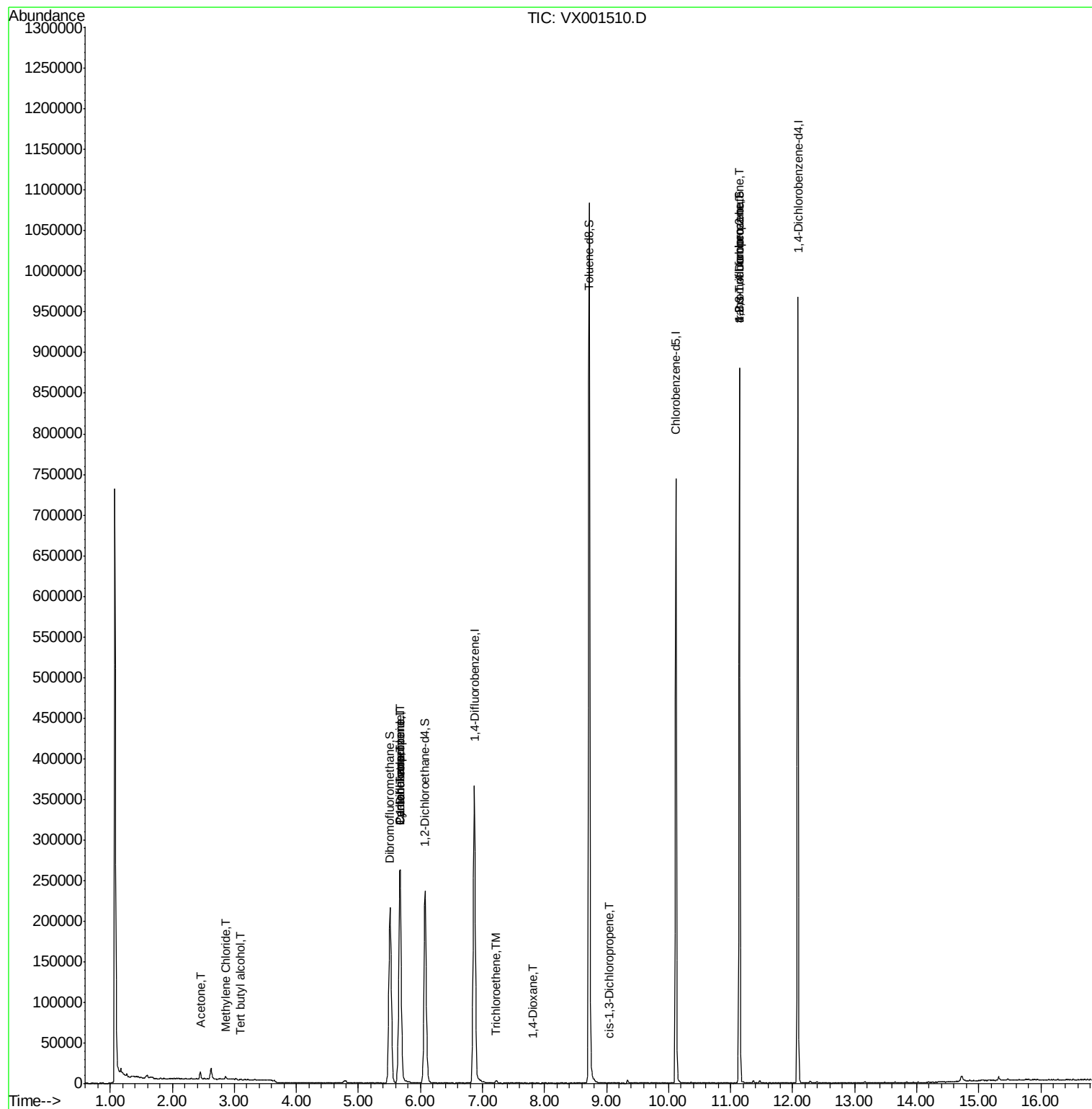
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	229036	57.25	ug/l	0.00
Spiked Amount			Recovery	=	114.50%	
35) Dibromofluoromethane	5.51	113	176981	51.73	ug/l	0.00
Spiked Amount			Recovery	=	103.46%	
50) Toluene-d8	8.72	98	636063	50.93	ug/l	0.00
Spiked Amount			Recovery	=	101.86%	
62) 4-Bromofluorobenzene	11.14	95	218536	45.59	ug/l	0.00
Spiked Amount			Recovery	=	91.18%	

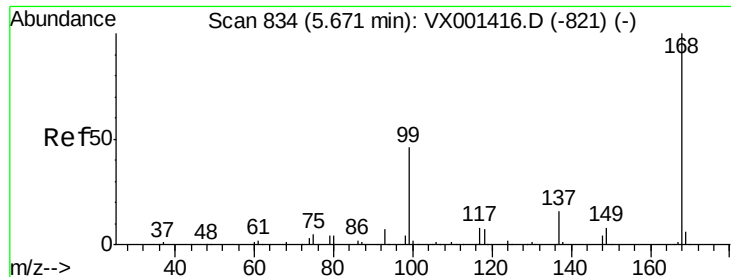
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	537	Below Cal	#	80
11) Tert butyl alcohol	3.10	59	233	0.28	ug/l #	71
13) Acrolein	2.29	56	303	Below Cal	#	50
16) Acetone	2.45	43	8992	4.95	ug/l	97
20) Methylene Chloride	2.86	84	1401	0.39	ug/l	96
31) Cyclohexane	5.67	56	5023	0.98	ug/l #	11
36) 1,1-Dichloropropene	5.67	75	17503	3.58	ug/l #	49
38) Carbon Tetrachloride	5.67	117	23871	4.57	ug/l #	16
44) Trichloroethene	7.21	130	1300	0.30	ug/l	97
49) 1,4-Dioxane	7.81	88	25	0.26	ug/l #	1
54) cis-1,3-Dichloropropene	9.06	75	64	2.27	ug/l #	76
76) 1,2,3-Trichloropropane	11.14	75	111027	26.81	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	111027	82.43	ug/l #	7

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

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050818\
Data File : VX001510.D
Acq On : 08 May 2018 13:33
Operator : JC/MD
Sample : J2659-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 09 06:43:46 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: VX001510.D

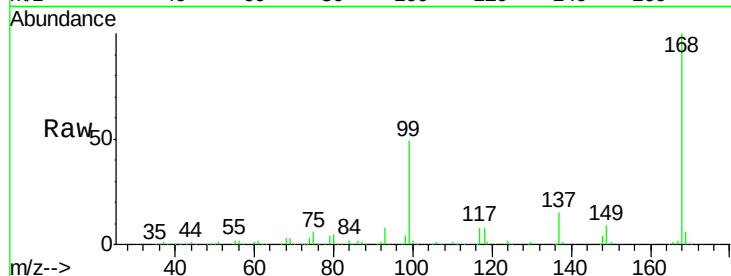
Acq: 08 May 2018 13:33

Tgt Ion: 168 Resp: 278362

Ion Ratio Lower Upper

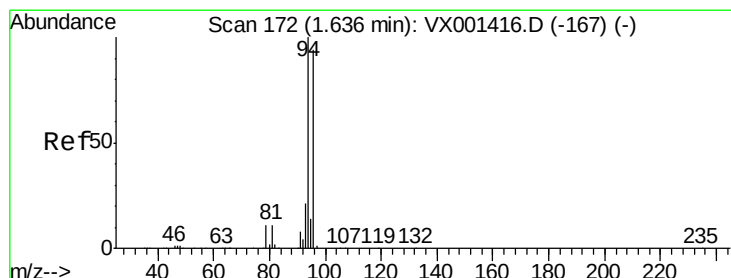
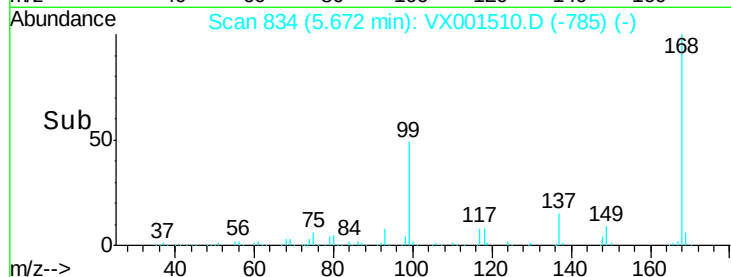
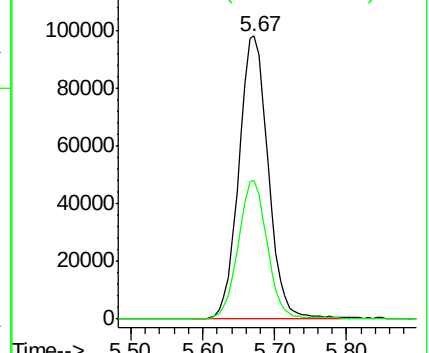
168 100

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

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001510.D

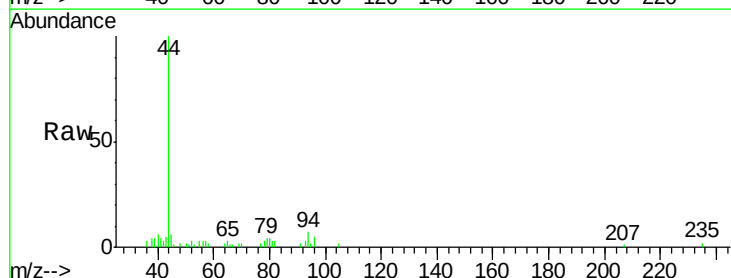
Acq: 08 May 2018 13:33

Tgt Ion: 94 Resp: 537

Ion Ratio Lower Upper

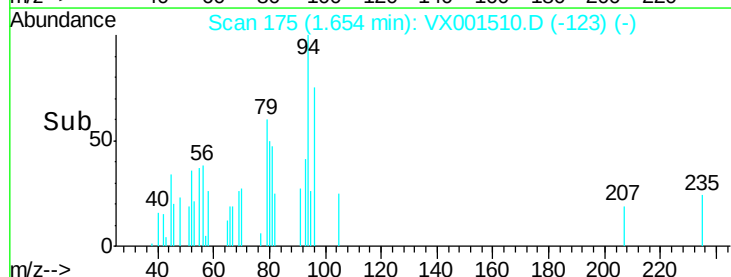
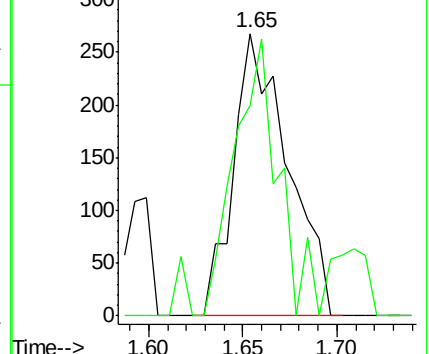
94 100

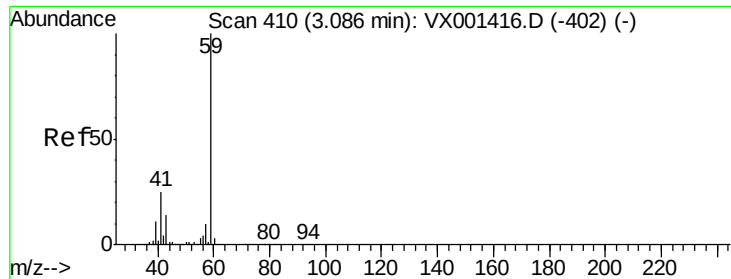
96 74.6 75.0 112.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

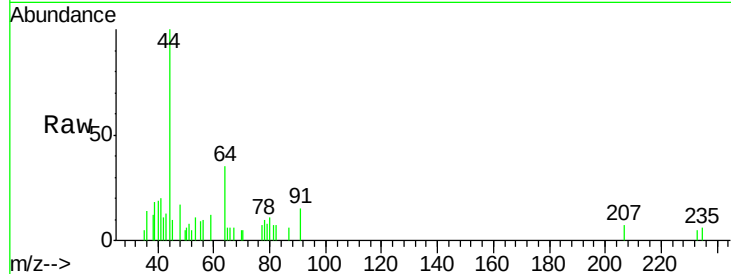




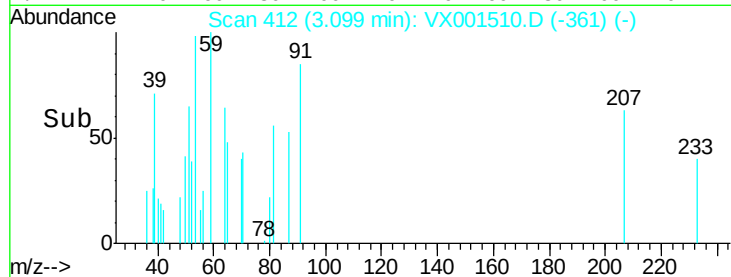
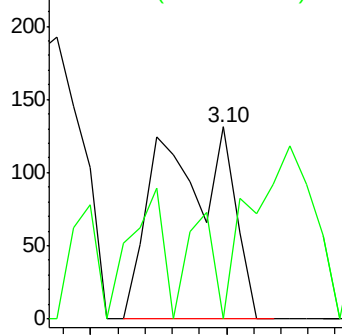
#11

Tert butyl alcohol
Concen: 0.28 ug/l
RT: 3.10 min Scan# 412
Delta R.T. 0.01 min
Lab File: VX001510.D
Acq: 08 May 2018 13:33

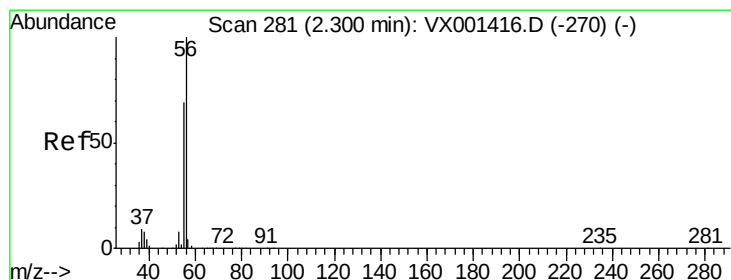
Tgt Ion: 59 Resp: 233
Ion Ratio Lower Upper
59 100
57 21.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0



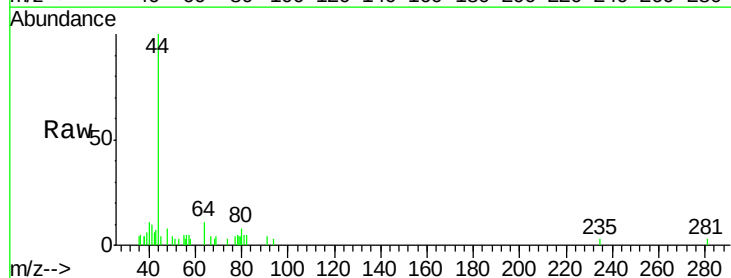
Time-->



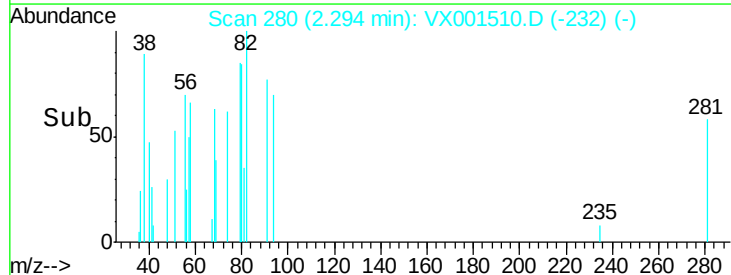
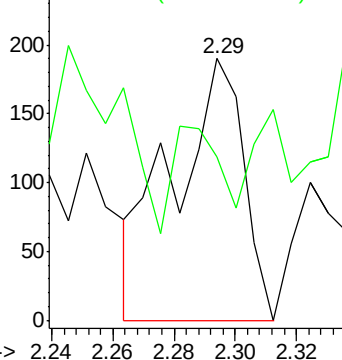
#13

Acrolein
Concen: Below Cal
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX001510.D
Acq: 08 May 2018 13:33

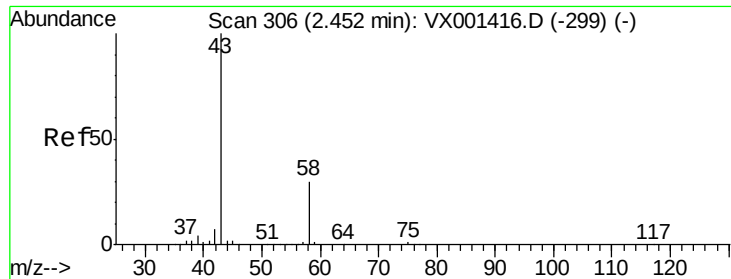
Tgt Ion: 56 Resp: 303
Ion Ratio Lower Upper
56 100
55 27.4 54.5 81.7#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0



Time-->



#16

Acetone

Concen: 4.95 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001510.D

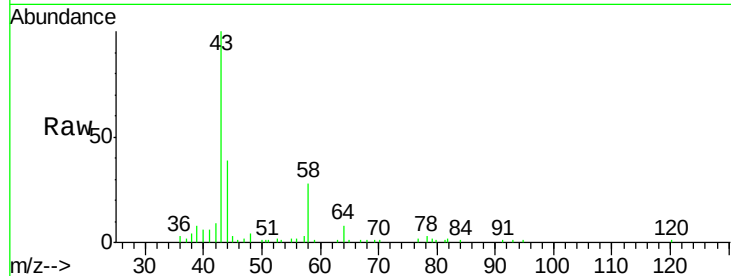
Acq: 08 May 2018 13:33

Tgt Ion: 43 Resp: 8992

Ion Ratio Lower Upper

43 100

58 28.3 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

6000

5000

4000

3000

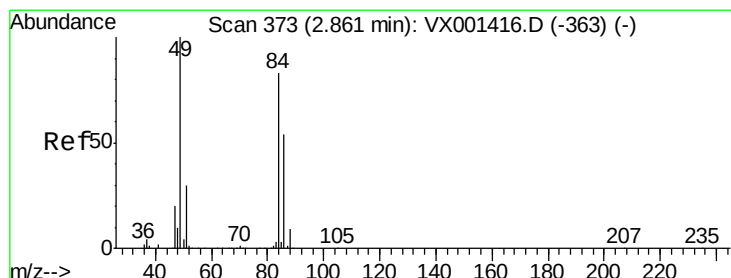
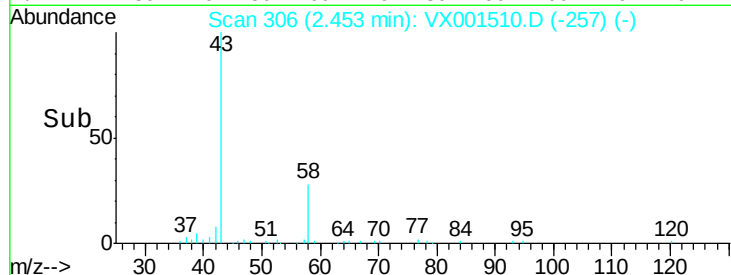
2000

1000

0

Time-->

2.40 2.45 2.50 2.55



#20

Methylene Chloride

Concen: 0.39 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001510.D

Acq: 08 May 2018 13:33

Tgt Ion: 84 Resp: 1401

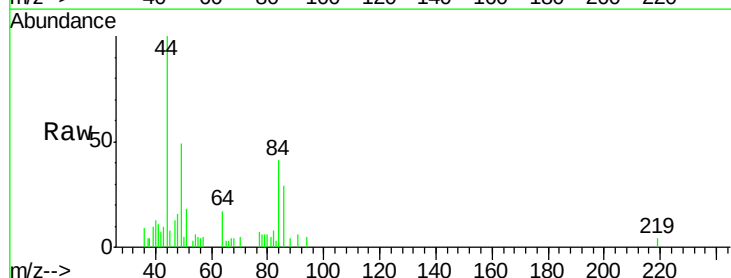
Ion Ratio Lower Upper

84 100

49 117.6 96.6 144.8

51 34.6 29.0 43.4

86 70.1 52.2 78.4



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

1500

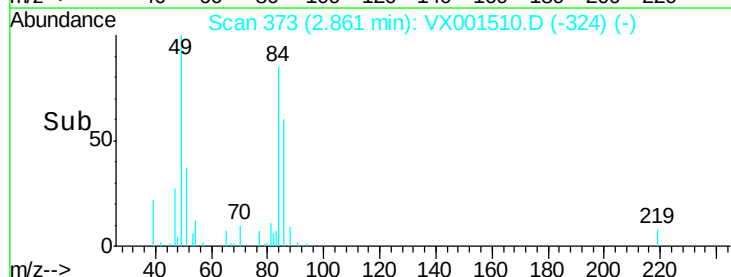
1000

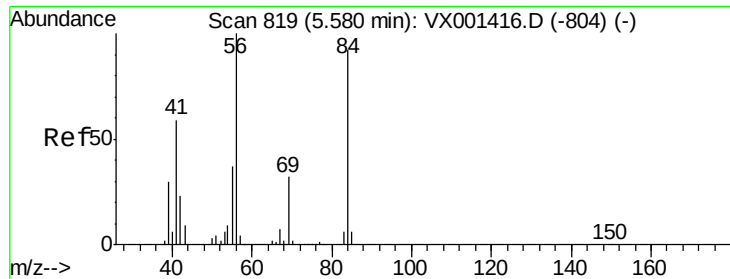
500

0

Time-->

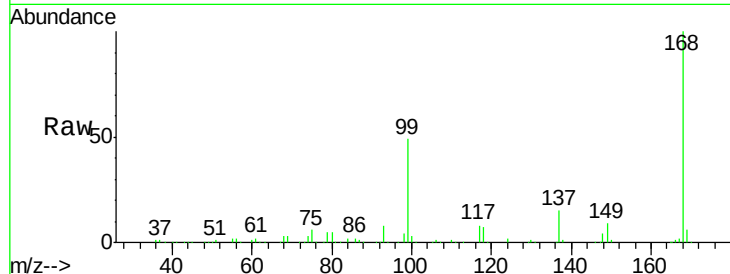
2.80 2.85 2.90



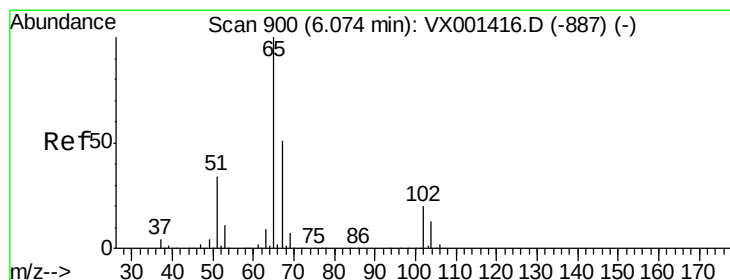
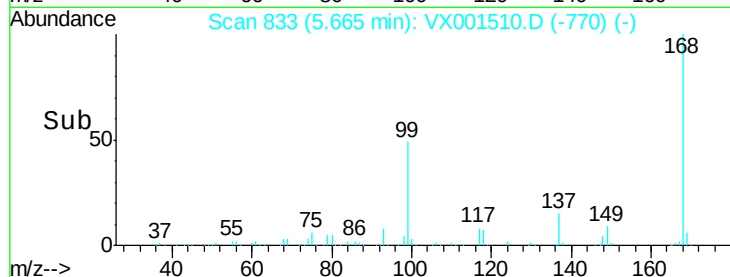
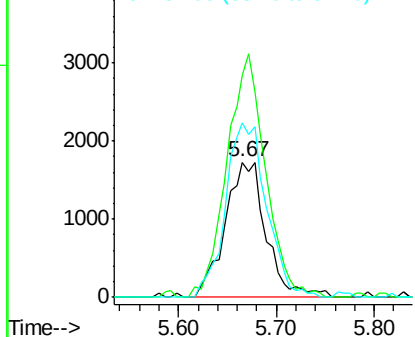


#31
Cyclohexane
Concen: 0.98 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX001510.D
Acq: 08 May 2018 13:33

Tgt Ion: 56 Resp: 5023
Ion Ratio Lower Upper
56 100
69 164.2 25.4 38.0#
84 128.4 73.8 110.8#

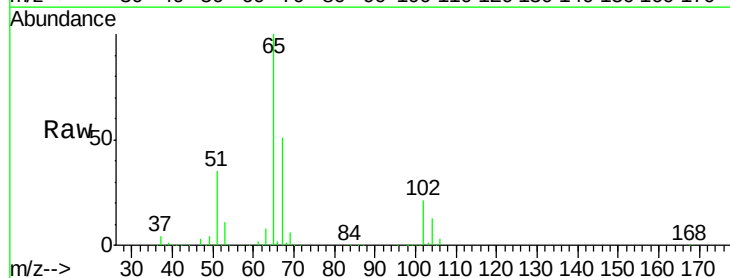


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

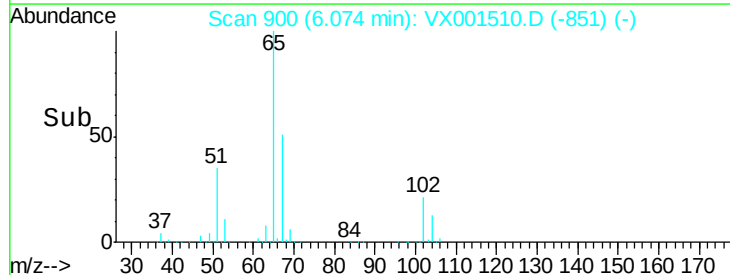
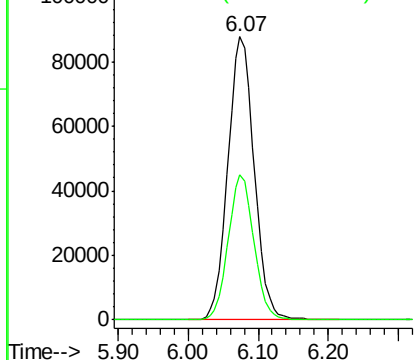


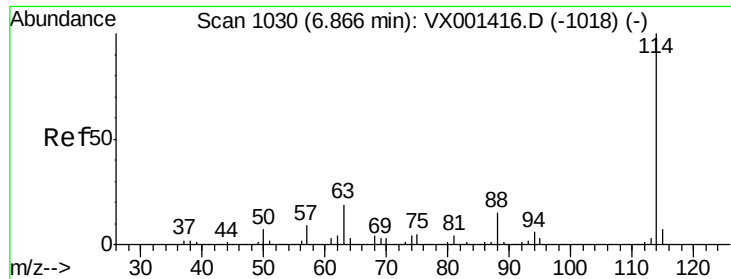
#33
1,2-Dichloroethane-d4
Concen: 57.25 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX001510.D
Acq: 08 May 2018 13:33

Tgt Ion: 65 Resp: 229036
Ion Ratio Lower Upper
65 100
67 50.0 0.0 101.8



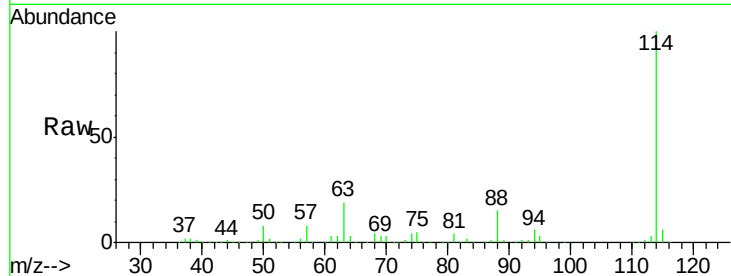
Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0



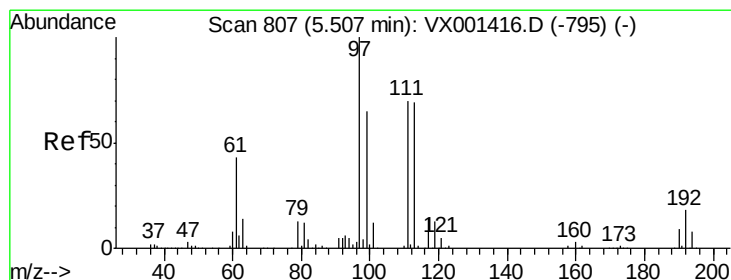
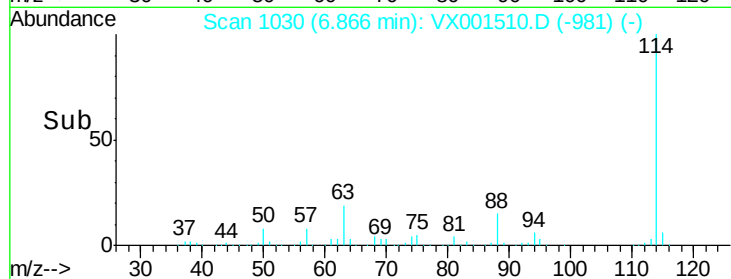
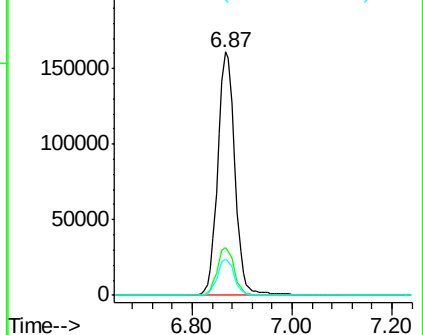


#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001510.D
 Acq: 08 May 2018 13:33

Tgt Ion:114 Resp: 384622
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.6
 88 14.9 0.0 30.8

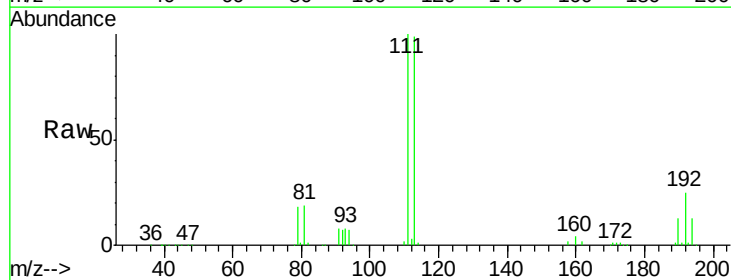


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

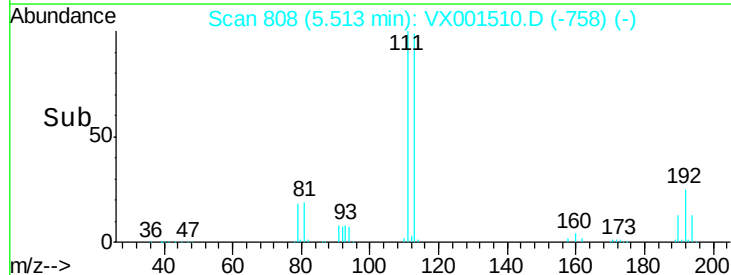
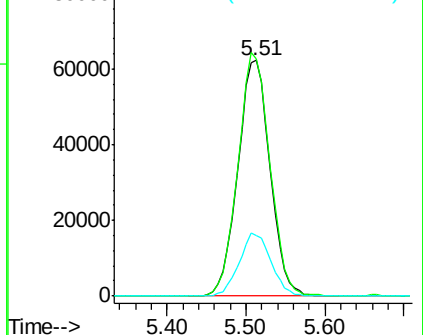


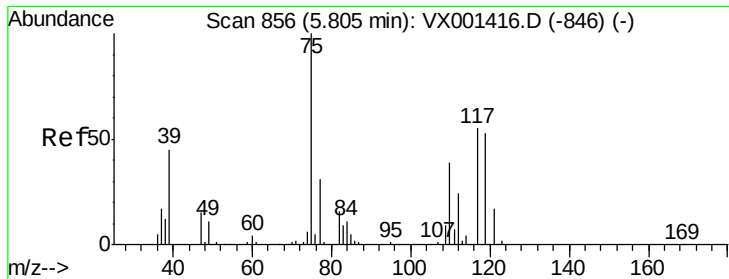
#35
 Dibromofluoromethane
 Concen: 51.73 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX001510.D
 Acq: 08 May 2018 13:33

Tgt Ion:113 Resp: 176981
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.2
 192 26.2 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: 3.58 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX001510.D

Acq: 08 May 2018 13:33

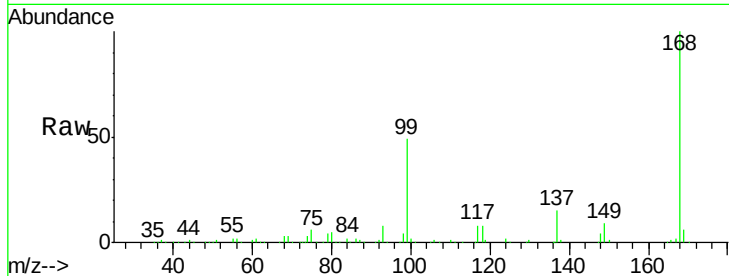
Tgt Ion: 75 Resp: 17503

Ion Ratio Lower Upper

75 100

110 10.4 18.9 56.7#

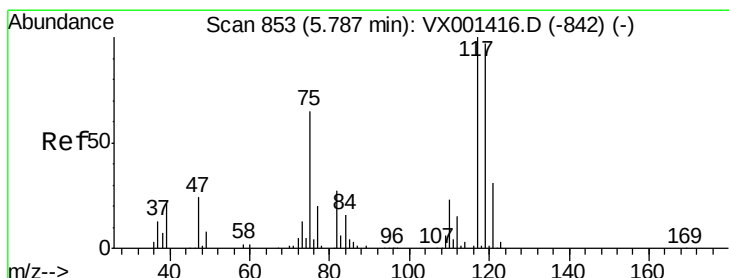
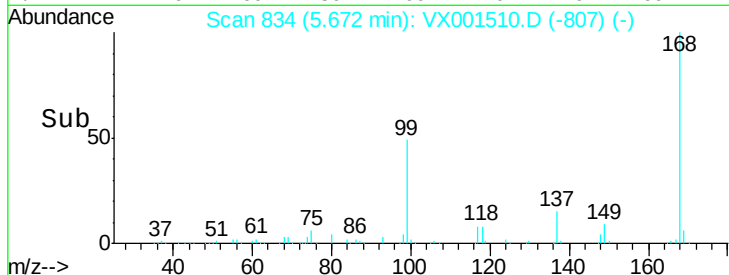
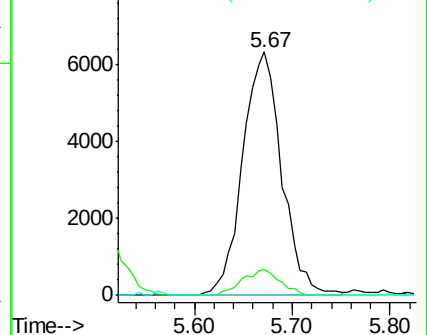
77 0.0 24.9 37.3#



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: 4.57 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX001510.D

Acq: 08 May 2018 13:33

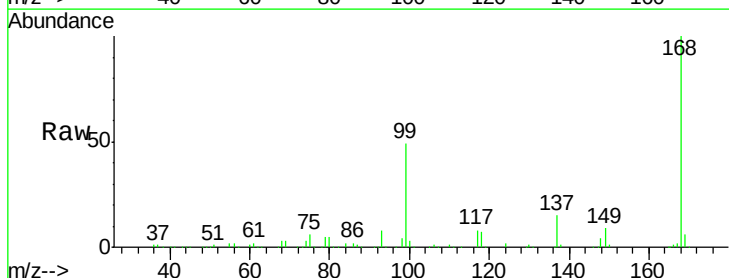
Tgt Ion: 117 Resp: 23871

Ion Ratio Lower Upper

117 100

119 4.9 77.0 115.6#

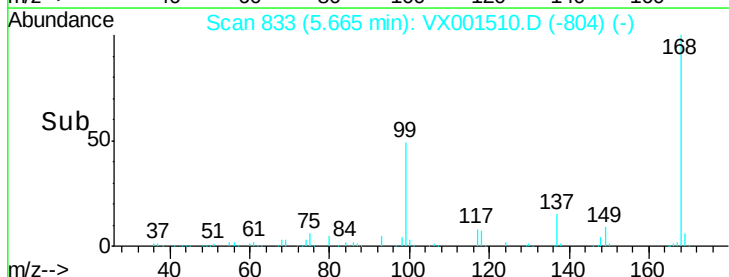
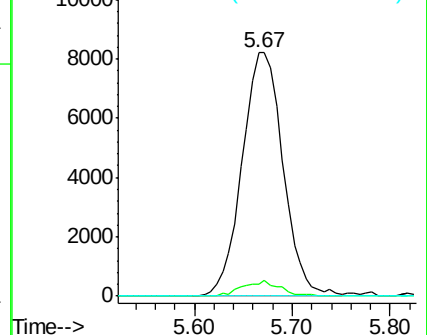
121 0.0 25.1 37.7#

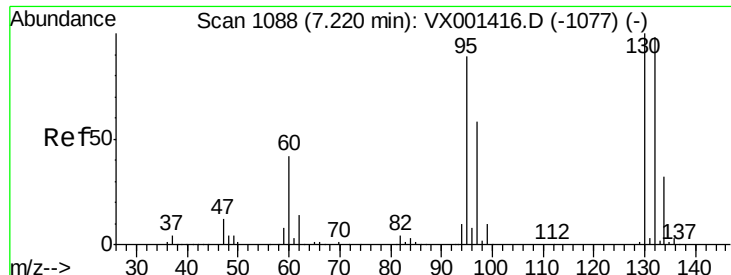


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#44

Trichloroethene

Concen: 0.30 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX001510.D

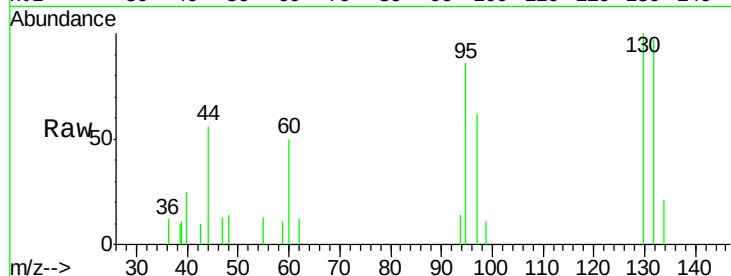
Acq: 08 May 2018 13:33

Tgt Ion: 130 Resp: 1300

Ion Ratio Lower Upper

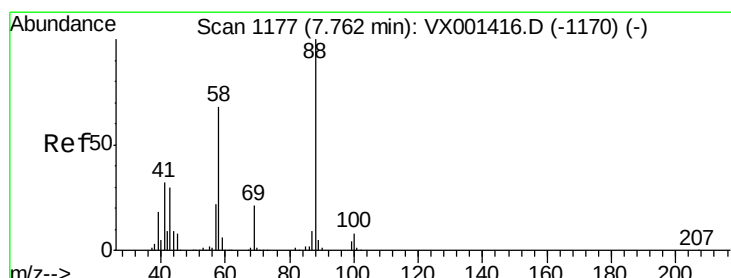
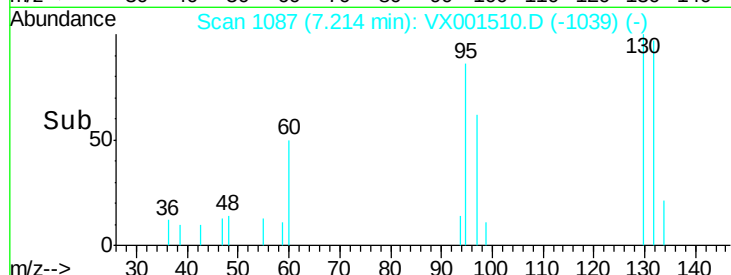
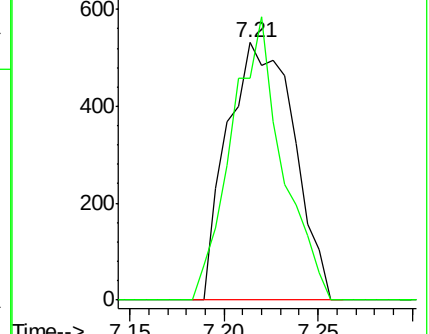
130 100

95 86.3 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 0.26 ug/l

RT: 7.81 min Scan# 1185

Delta R.T. 0.05 min

Lab File: VX001510.D

Acq: 08 May 2018 13:33

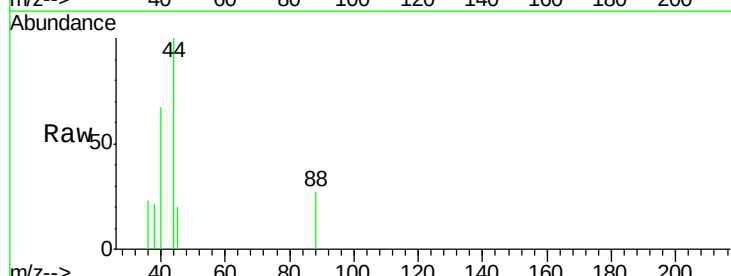
Tgt Ion: 88 Resp: 25

Ion Ratio Lower Upper

88 100

43 188.0 26.4 39.6#

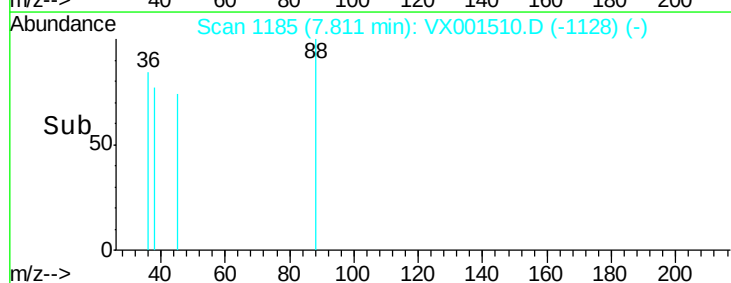
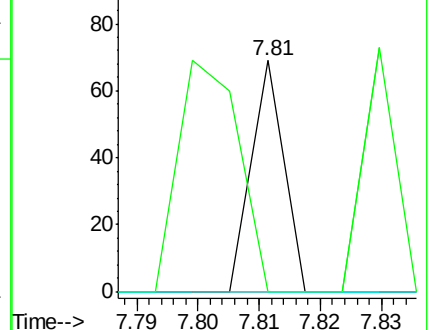
58 0.0 54.1 81.1#

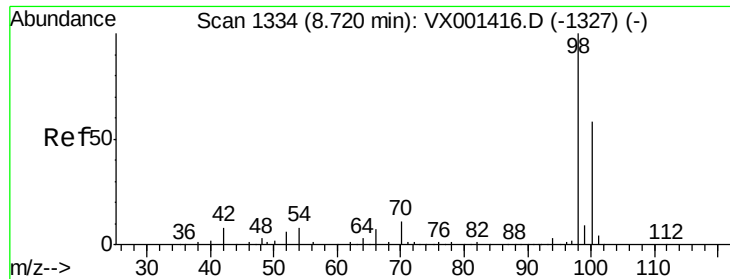


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 50.93 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001510.D

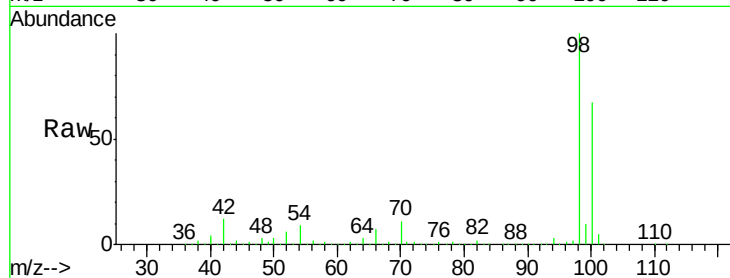
Acq: 08 May 2018 13:33

Tgt Ion: 98 Resp: 636063

Ion Ratio Lower Upper

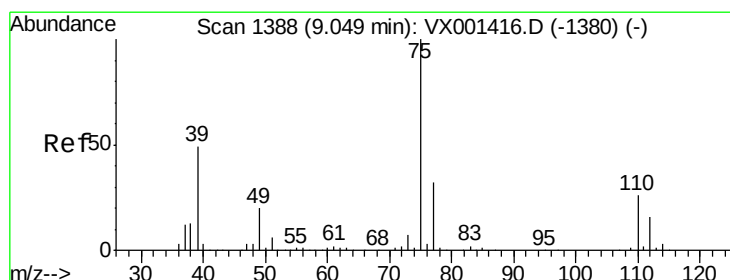
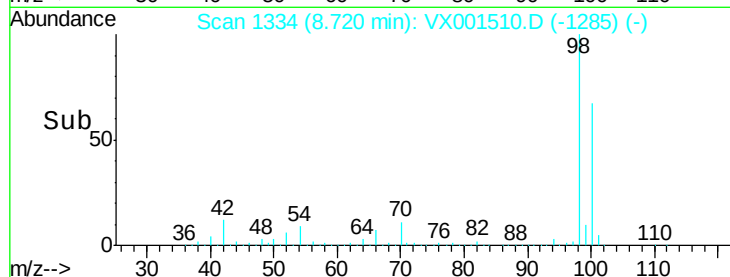
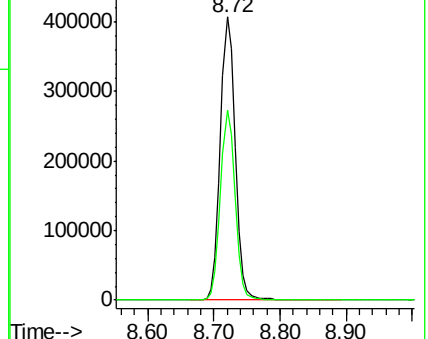
98 100

100 65.8 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: 2.27 ug/l

RT: 9.06 min Scan# 1389

Delta R.T. 0.01 min

Lab File: VX001510.D

Acq: 08 May 2018 13:33

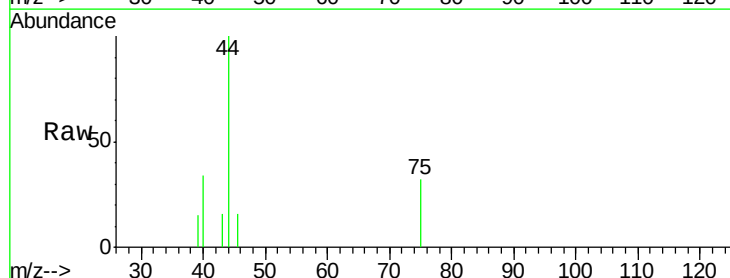
Tgt Ion: 75 Resp: 64

Ion Ratio Lower Upper

75 100

77 0.0 25.5 38.3#

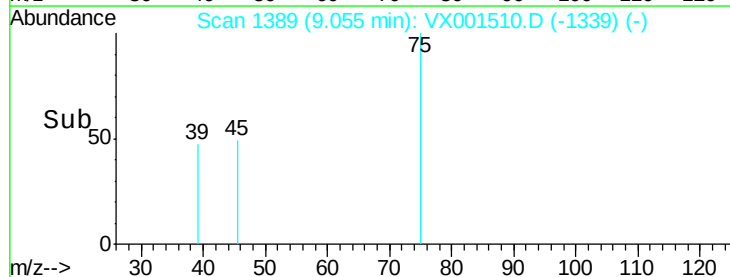
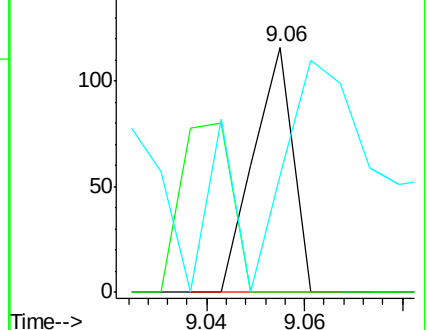
39 47.4 38.9 58.3

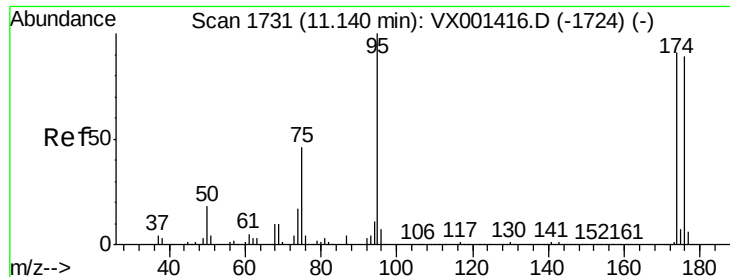


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.59 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001510.D

Acq: 08 May 2018 13:33

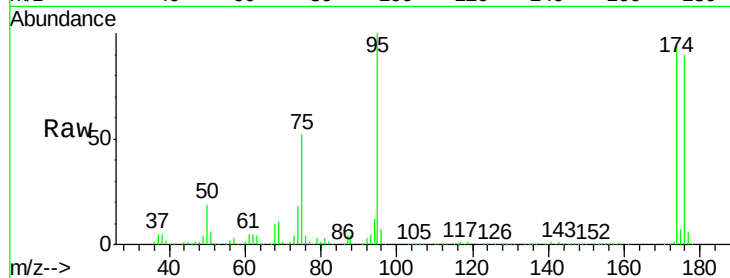
Tgt Ion: 95 Resp: 218536

Ion Ratio Lower Upper

95 100

174 102.5 0.0 202.0

176 98.6 0.0 197.4



Abundance Ion 94.90 (94.60 to 95.60): VX001510.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX001510.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX001510.D (-1682) (-)

11.14

200000

150000

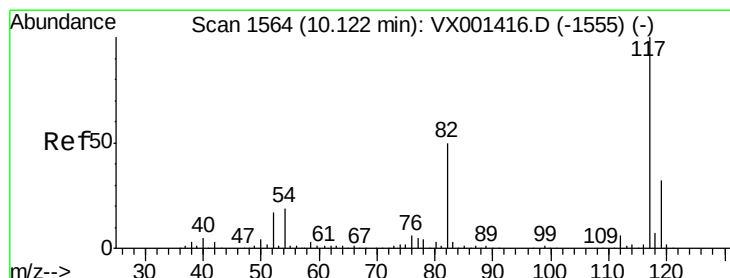
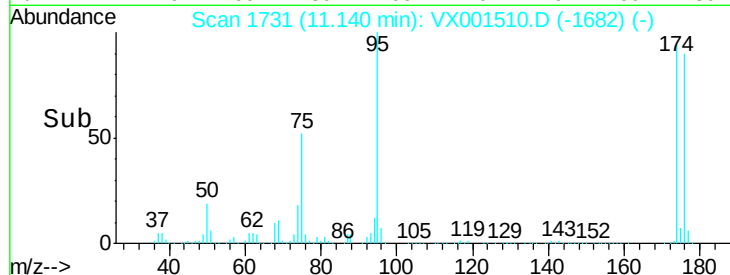
100000

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: VX001510.D

Acq: 08 May 2018 13:33

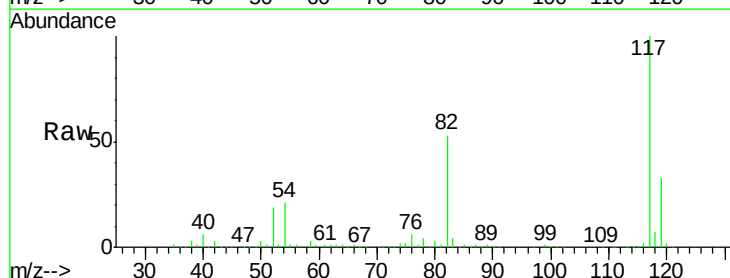
Tgt Ion: 117 Resp: 344521

Ion Ratio Lower Upper

117 100

82 52.5 40.0 60.0

119 32.8 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): VX001510.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX001510.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX001510.D (-1515) (-)

10.12

300000

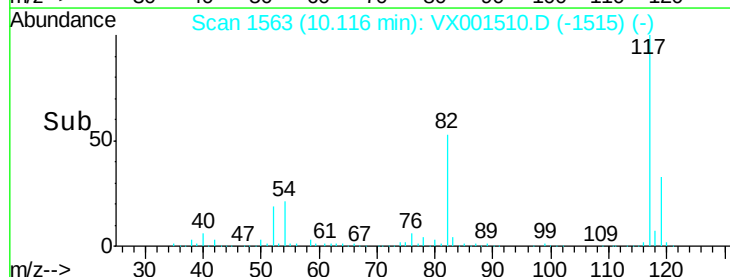
200000

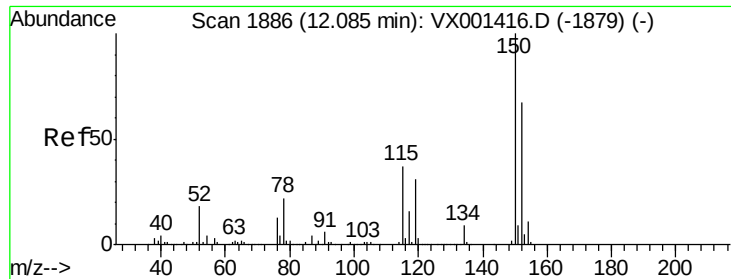
100000

0

Time-->

10.00 10.10 10.20

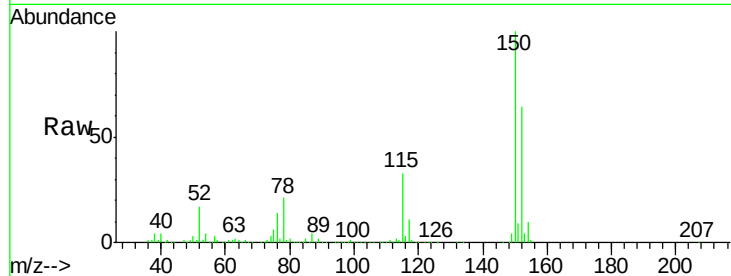




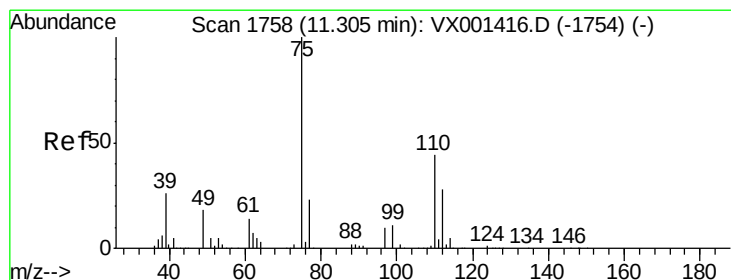
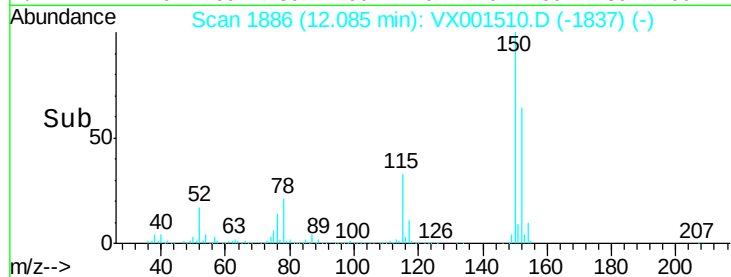
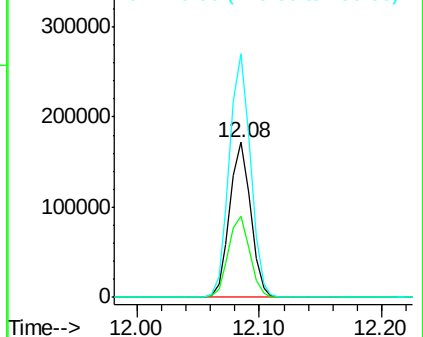
#72

1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001510.D
Acq: 08 May 2018 13:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.1	37.7	113.1
150	157.5	0.0	349.4



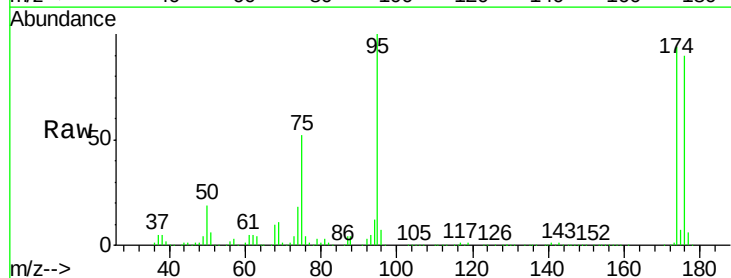
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



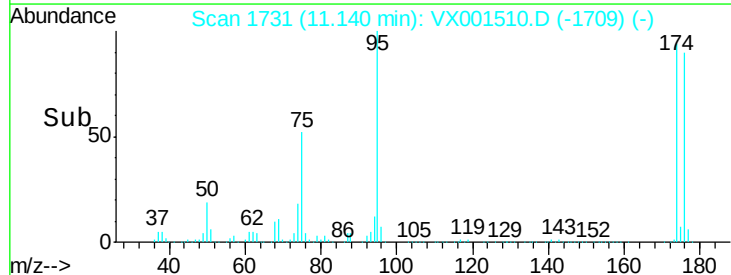
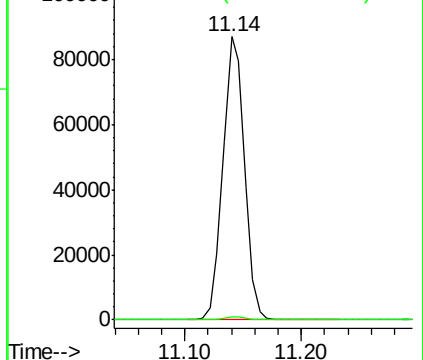
#76

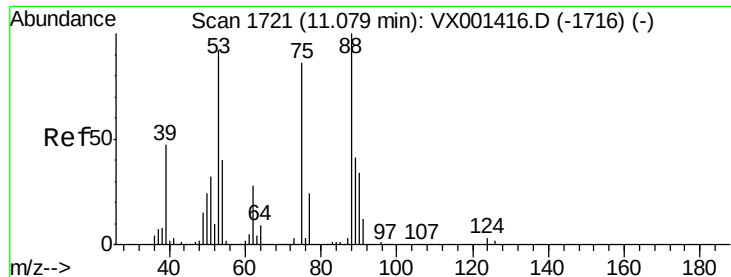
1,2,3-Trichloropropane
Concen: 26.81 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX001510.D
Acq: 08 May 2018 13:33

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.6	58.7#



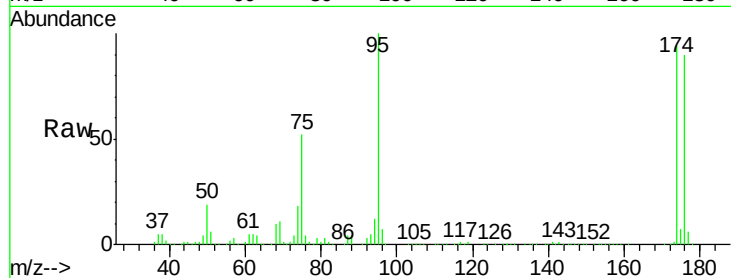
Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.43 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001510.D
 Acq: 08 May 2018 13:33

Tgt Ion: 75 Resp: 111027
 Ion Ratio Lower Upper
 75 100
 53 0.1 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

