

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051718\
 Data File : VX001792.D
 Acq On : 17 May 2018 15:59
 Operator : JC/MD
 Sample : J2853-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0455-180507

Quant Time: May 18 03:58:08 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	296536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	393495	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	314668	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	163700	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	205786	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
35) Dibromofluoromethane	5.51	113	176361	53.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.22%	
50) Toluene-d8	8.72	98	614613	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
62) 4-Bromofluorobenzene	11.14	95	179003	41.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.60%	

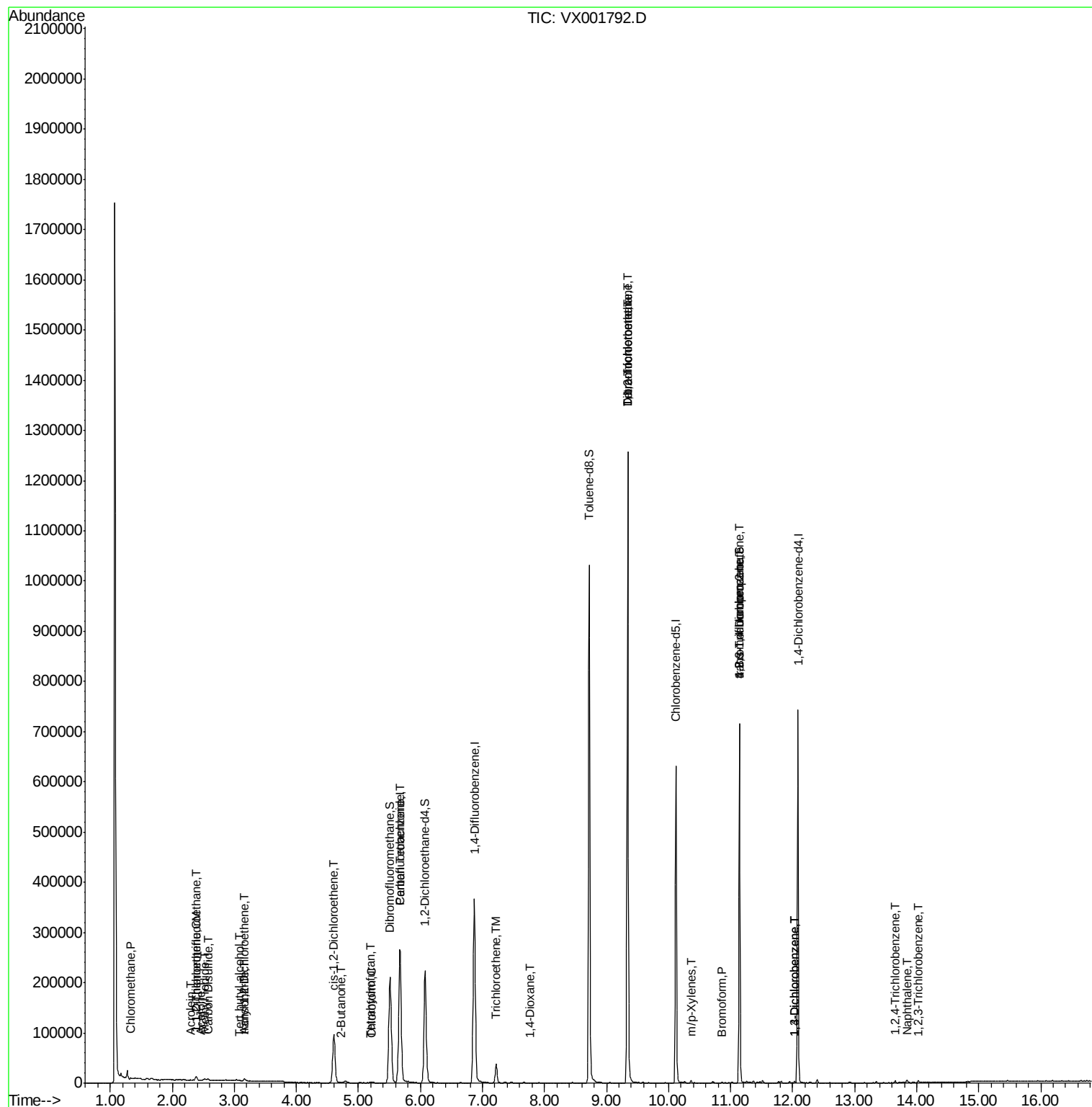
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	867	0.27	ug/l	# 80
5) Bromomethane	1.65	94	2002	Below Cal		# 69
9) 1,1,2-Trichlorotrifluoroet	2.39	101	2673	0.88	ug/l	99
10) Methyl Iodide	2.52	142	3782	1.35	ug/l	97
11) Tert butyl alcohol	3.08	59	188	0.27	ug/l	98
12) 1,1-Dichloroethene	2.37	96	591	0.20	ug/l	85
13) Acrolein	2.30	56	421	0.84	ug/l	# 56
15) Acrylonitrile	3.16	53	1018	0.57	ug/l	# 80
16) Acetone	2.45	43	861	0.55	ug/l	96
17) Carbon Disulfide	2.57	76	3111	0.41	ug/l	# 87
21) trans-1,2-Dichloroethene	3.17	96	1383	0.43	ug/l	# 84
25) 2-Butanone	4.72	43	598	0.25	ug/l	# 51
27) cis-1,2-Dichloroethene	4.60	96	64940	17.68	ug/l	90
29) Tetrahydrofuran	5.18	42	684	0.44	ug/l	# 51
30) Chloroform	5.21	83	1524	0.25	ug/l	96
38) Carbon Tetrachloride	5.67	117	23856	5.03	ug/l	# 16
44) Trichloroethene	7.22	130	15444	3.73	ug/l	98
49) 1,4-Dioxane	7.76	88	20	0.27	ug/l	# 1
55) 1,1,2-Trichloroethane	9.34	97	1843	0.56	ug/l	# 1
60) Dibromochloromethane	9.34	129	227632	67.81	ug/l	# 11
64) Tetrachloroethene	9.34	164	273729	66.82	ug/l	97
68) m/p-Xylenes	10.37	106	1096	0.20	ug/l	88
71) Bromoform	10.86	173	427	3.07	ug/l	# 29
76) 1,2,3-Trichloropropane	11.14	75	83199	26.73	ug/l	# 39
81) trans-1,4-Dichloro-2-buten	11.14	75	83199	77.69	ug/l	# 10
87) 1,3-Dichlorobenzene	12.04	146	1309	0.22	ug/l	92
88) 1,4-Dichlorobenzene	12.04	146	1309	0.22	ug/l	91
93) 1,2,4-Trichlorobenzene	13.65	180	1436	0.31	ug/l	91
95) Naphthalene	13.84	128	3435	0.28	ug/l	98
96) 1,2,3-Trichlorobenzene	14.03	180	1483	0.32	ug/l	98

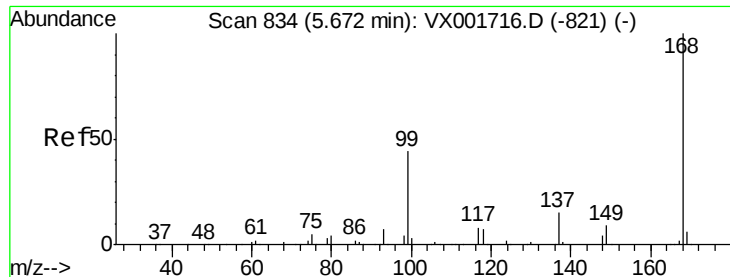
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 15 01:36:22 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001792.D

Acq: 17 May 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

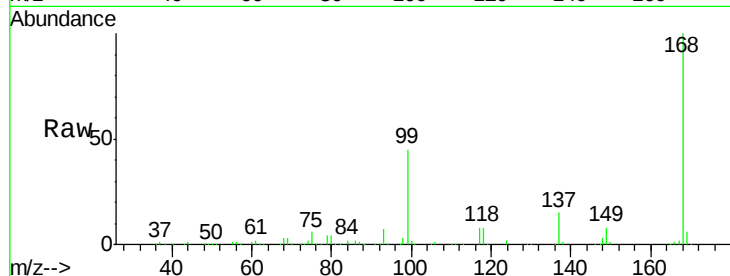
DUP-0455-180507

Tgt Ion:168 Resp: 296536

Ion Ratio Lower Upper

168 100

99 44.8 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

120000

100000

80000

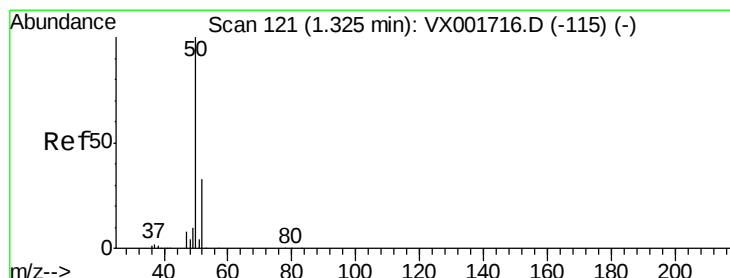
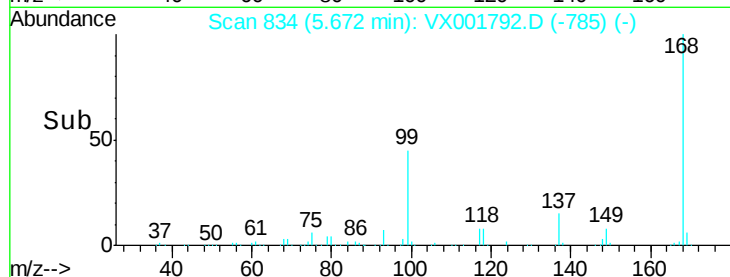
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.27 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001792.D

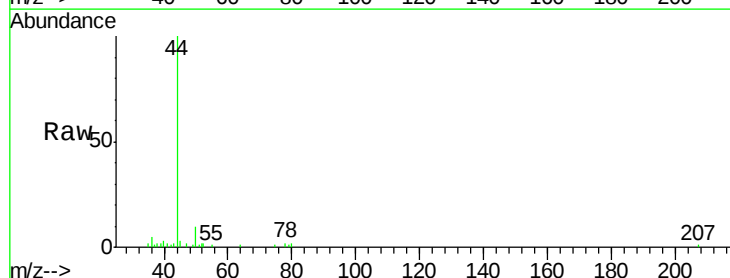
Acq: 17 May 2018 15:59

Tgt Ion: 50 Resp: 867

Ion Ratio Lower Upper

50 100

52 44.0 26.3 39.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

800

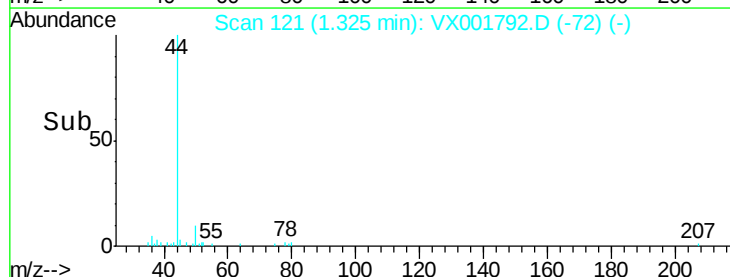
600

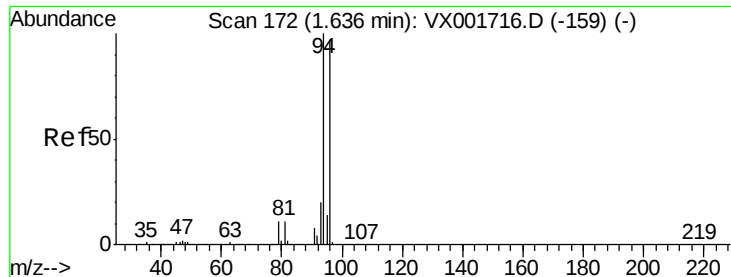
400

200

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001792.D

Acq: 17 May 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

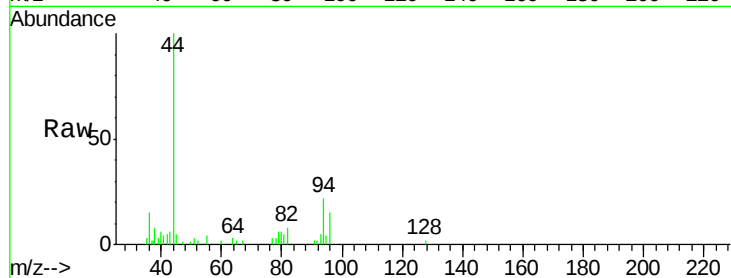
DUP-0455-180507

Tgt Ion: 94 Resp: 2002

Ion Ratio Lower Upper

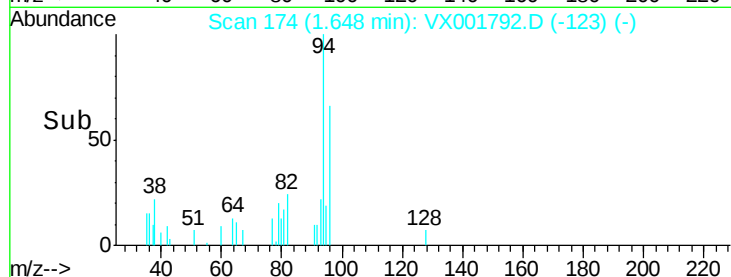
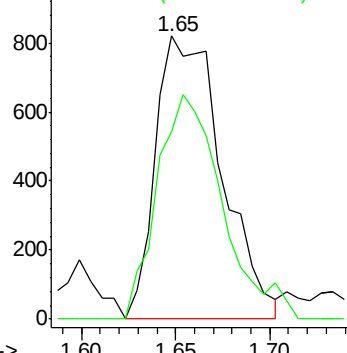
94 100

96 66.1 77.4 116.0#

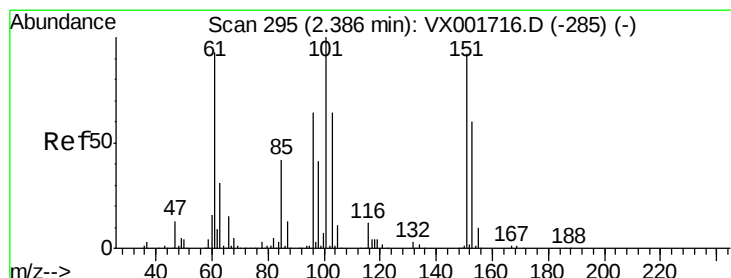


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.88 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX001792.D

Acq: 17 May 2018 15:59

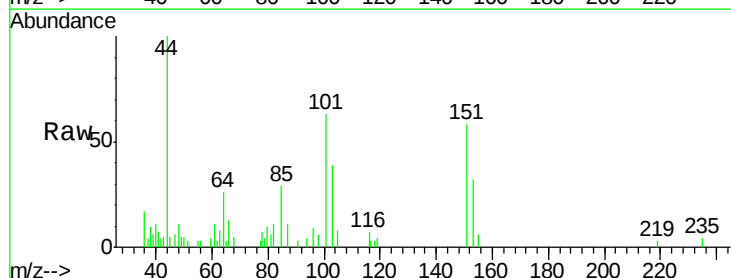
Tgt Ion: 101 Resp: 2673

Ion Ratio Lower Upper

101 100

85 41.0 33.7 50.5

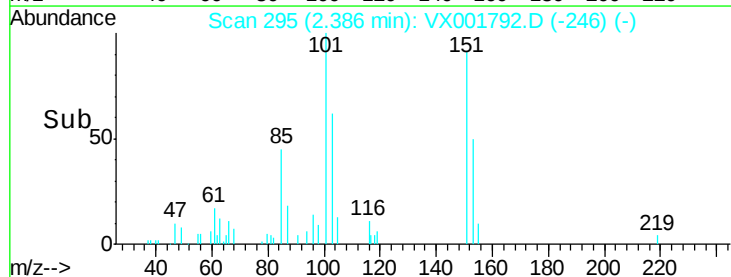
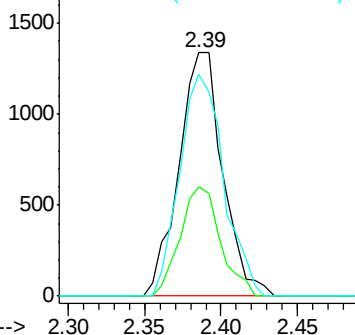
151 91.2 73.0 109.6



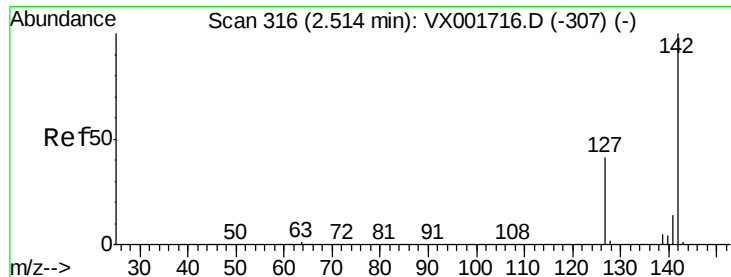
Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



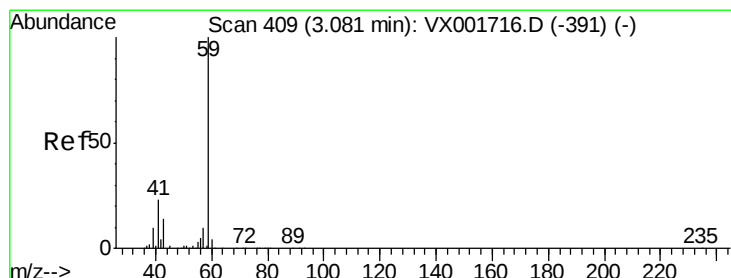
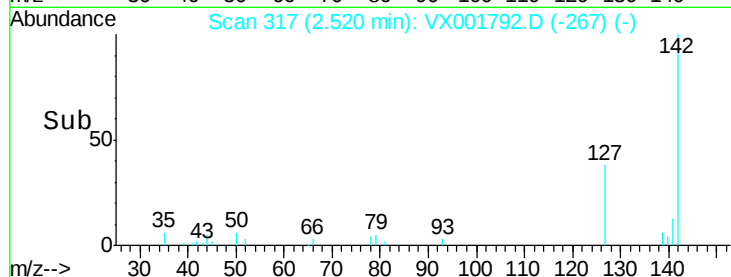
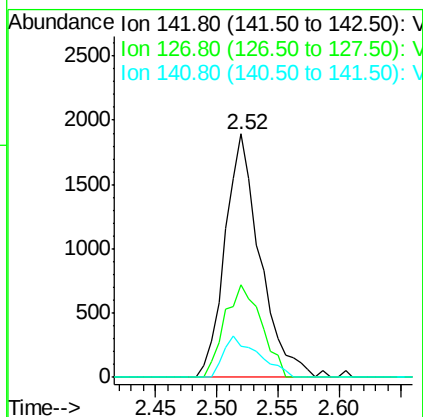
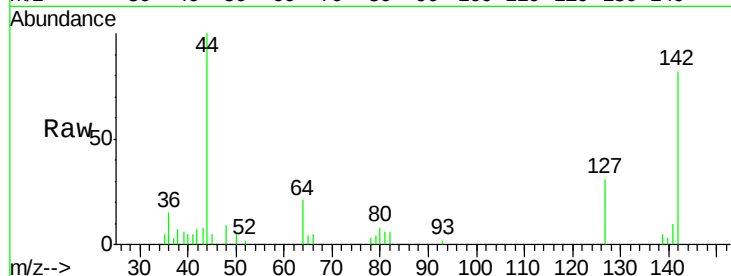
Time-->



#10
Methyl Iodide
Concen: 1.35 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001792.D
Acq: 17 May 2018 15:59

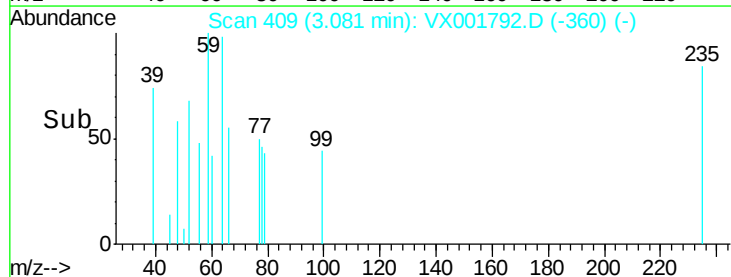
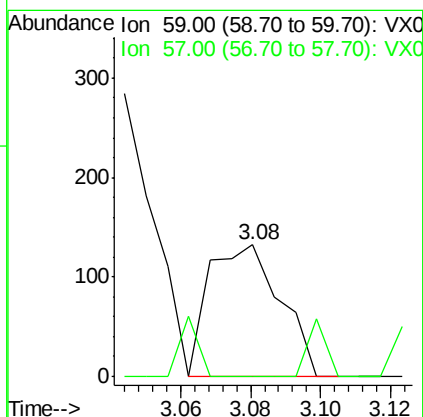
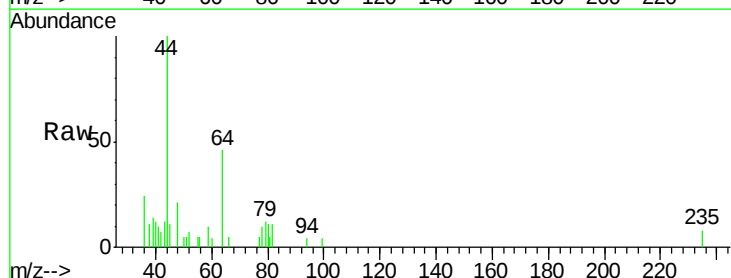
Instrument :
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DUP-0455-180507

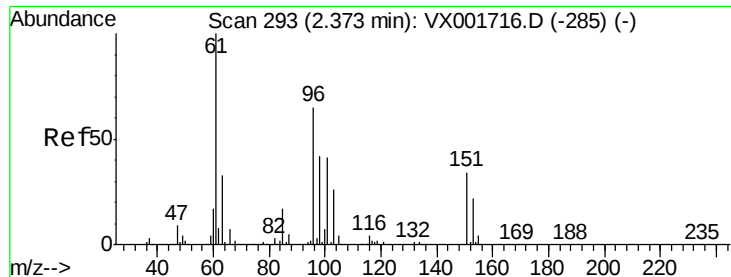
Tgt Ion:142 Resp: 3782
Ion Ratio Lower Upper
142 100
127 39.7 32.5 48.7
141 16.7 11.4 17.0



#11
Tert butyl alcohol
Concen: 0.27 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX001792.D
Acq: 17 May 2018 15:59

Tgt Ion: 59 Resp: 188
Ion Ratio Lower Upper
59 100
57 11.2 8.5 12.7





#12

1,1-Dichloroethene

Concen: 0.20 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

Lab File: VX001792.D

Acq: 17 May 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

DUP-0455-180507

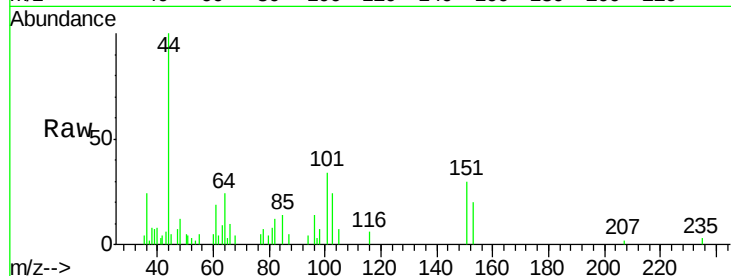
Tgt Ion: 96 Resp: 591

Ion Ratio Lower Upper

96 100

61 133.0 122.2 183.2

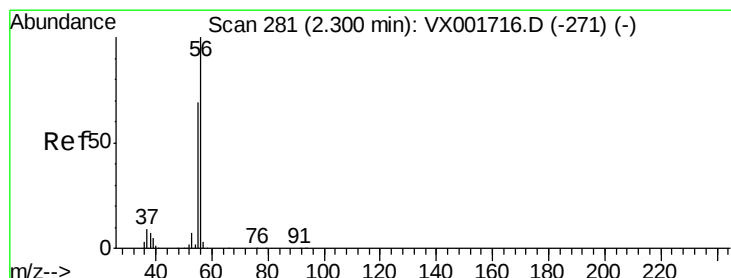
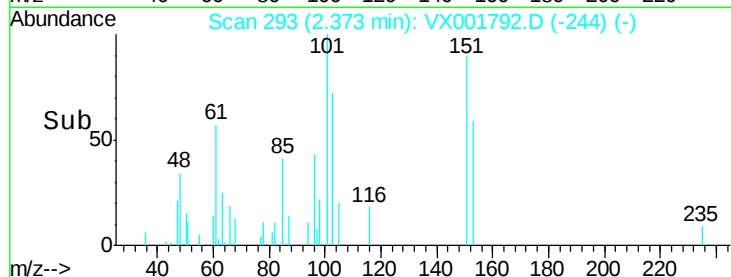
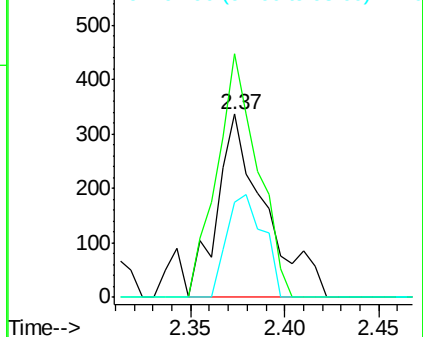
98 51.8 51.4 77.0



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



#13

Acrolein

Concen: 0.84 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001792.D

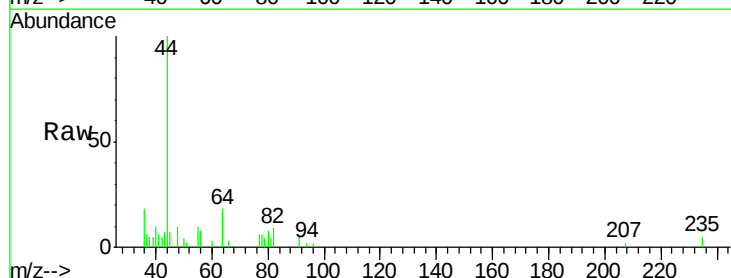
Acq: 17 May 2018 15:59

Tgt Ion: 56 Resp: 421

Ion Ratio Lower Upper

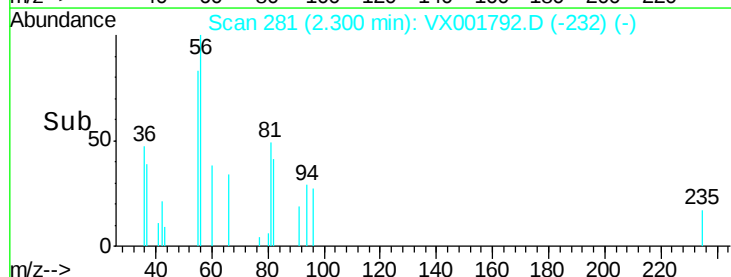
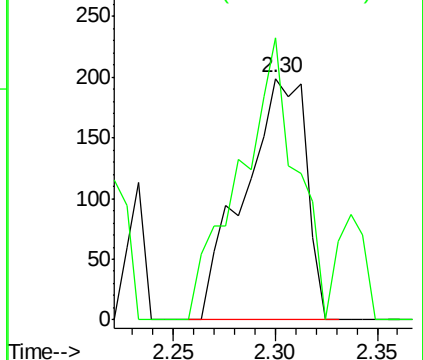
56 100

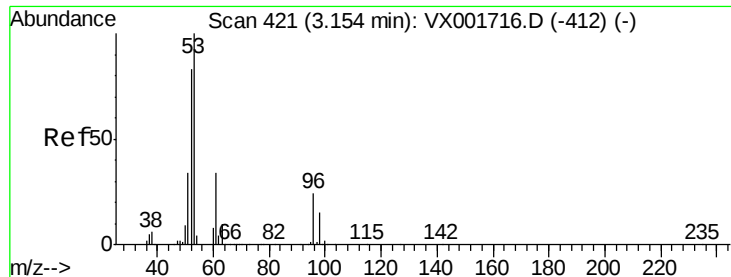
55 106.4 56.2 84.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#15

Acrylonitrile

Concen: 0.57 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX001792.D

Acq: 17 May 2018 15:59

Instrument :

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ClientSampleId :

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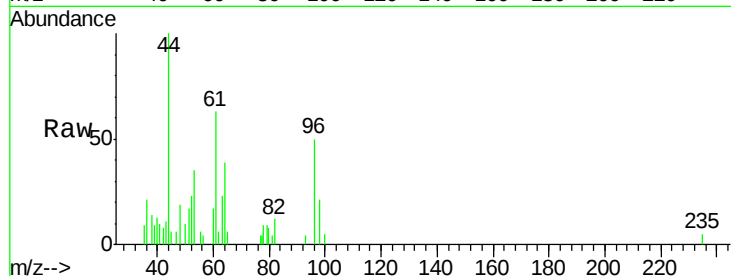
Tgt Ion: 53 Resp: 1018

Ion Ratio Lower Upper

53 100

52 94.3 65.6 98.4

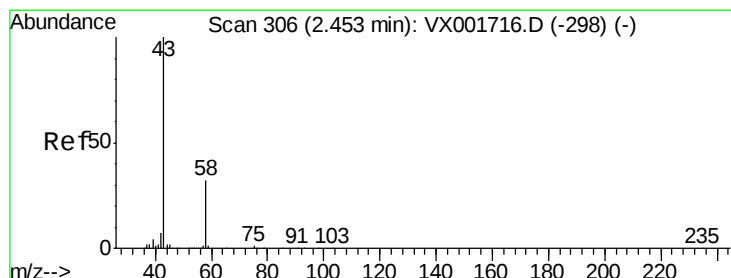
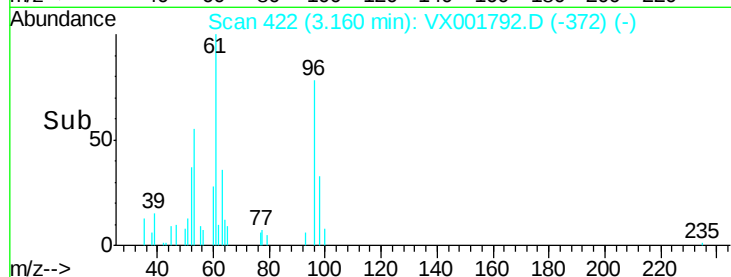
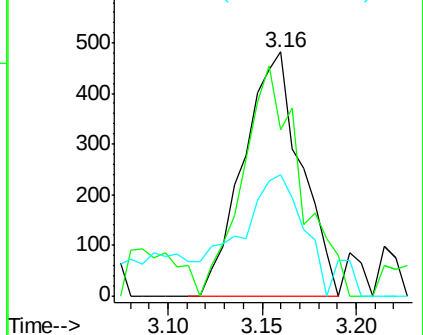
51 54.6 28.1 42.1#



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: 0.55 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001792.D

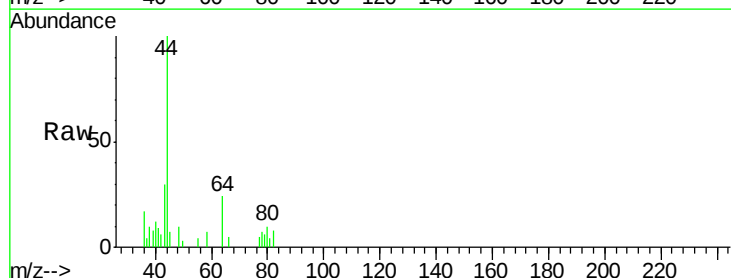
Acq: 17 May 2018 15:59

Tgt Ion: 43 Resp: 861

Ion Ratio Lower Upper

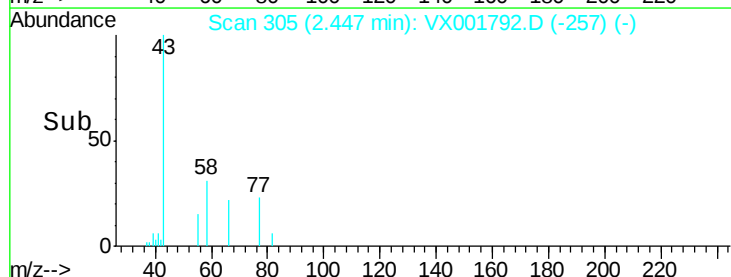
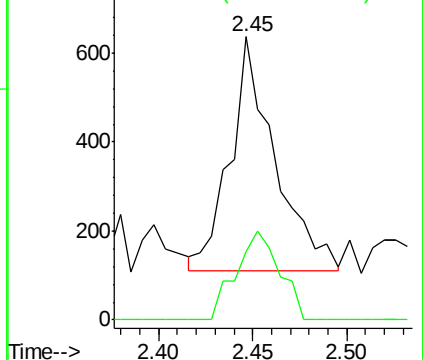
43 100

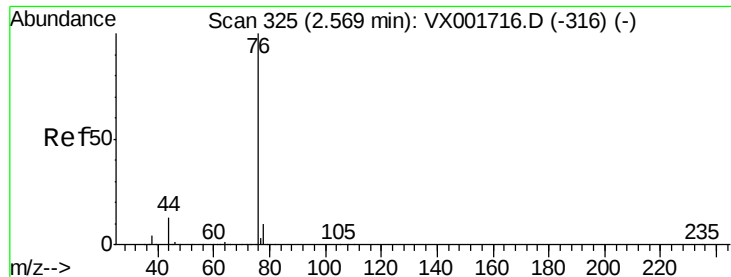
58 29.5 25.3 37.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

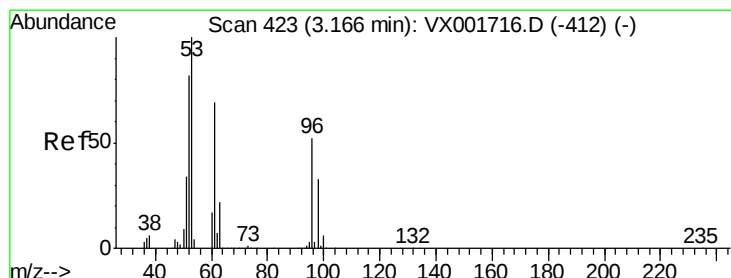
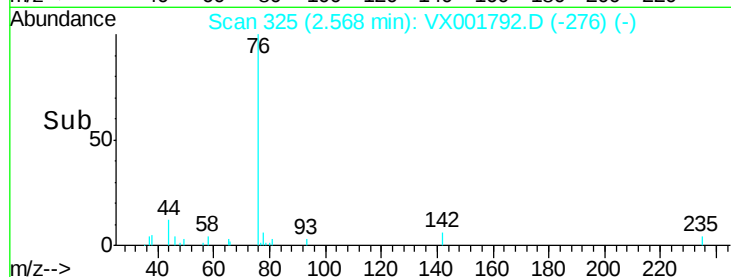
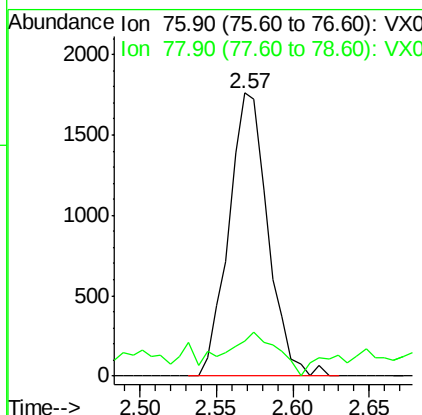
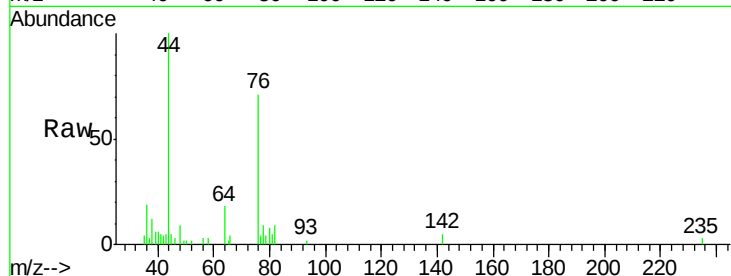




#17
Carbon Disulfide
Concen: 0.41 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX001792.D
Acq: 17 May 2018 15:59

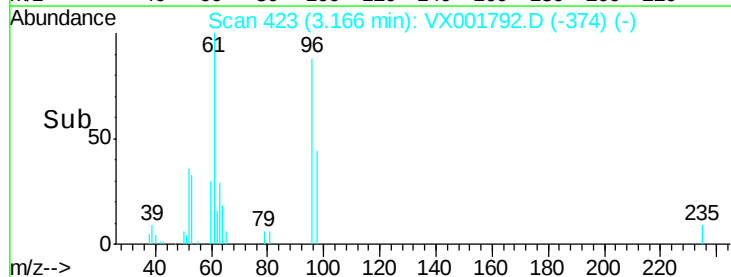
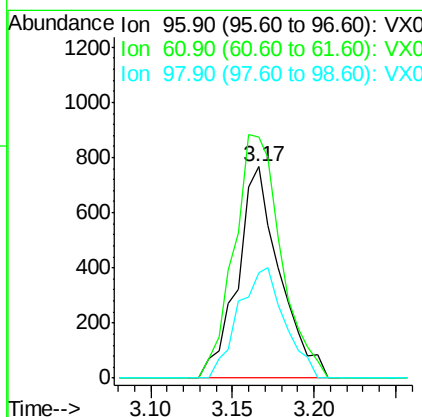
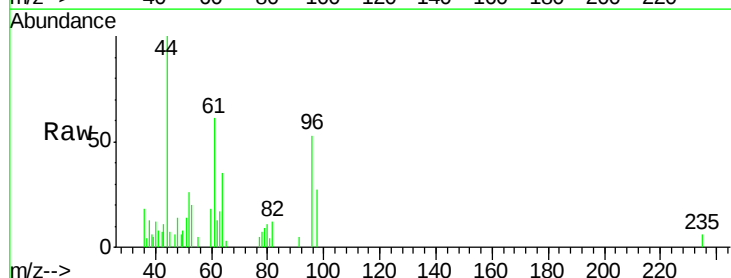
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ClientSampleId :
DUP-0455-180507

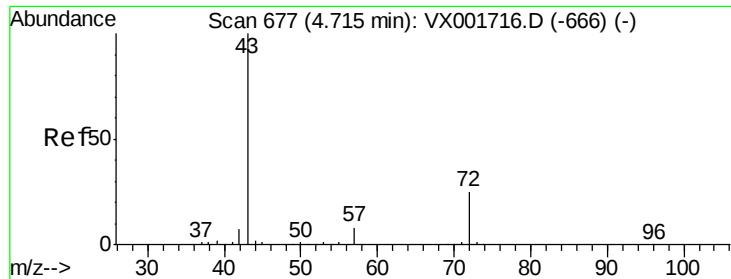
Tgt Ion: 76 Resp: 3111
Ion Ratio Lower Upper
76 100
78 4.7 7.6 11.4#



#21
trans-1,2-Dichloroethene
Concen: 0.43 ug/l
RT: 3.17 min Scan# 423
Delta R.T. -0.00 min
Lab File: VX001792.D
Acq: 17 May 2018 15:59

Tgt Ion: 96 Resp: 1383
Ion Ratio Lower Upper
96 100
61 114.0 105.8 158.8
98 50.1 50.2 75.4#





#25

2-Butanone

Concen: 0.25 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX001792.D

Acq: 17 May 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

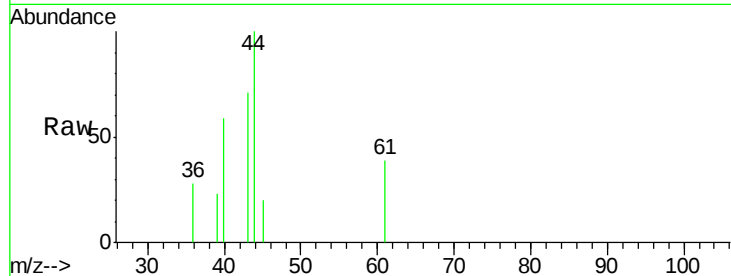
DUP-0455-180507

Tgt Ion: 43 Resp: 598

Ion Ratio Lower Upper

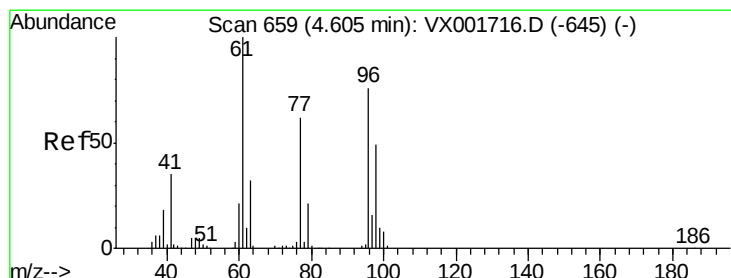
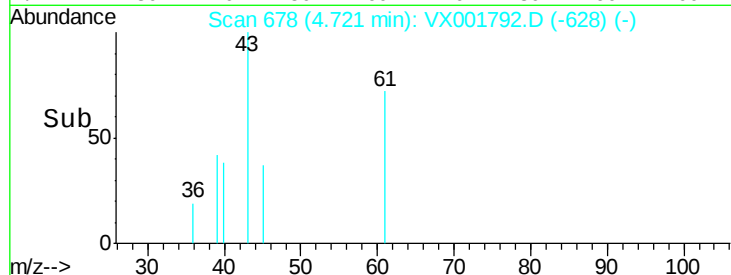
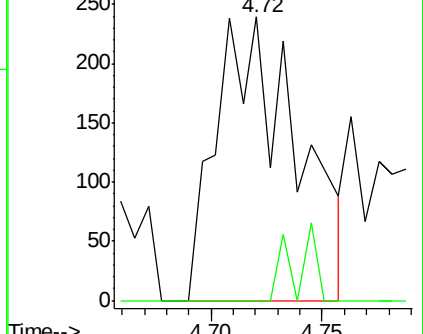
43 100

72 0.0 19.8 29.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 17.68 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001792.D

Acq: 17 May 2018 15:59

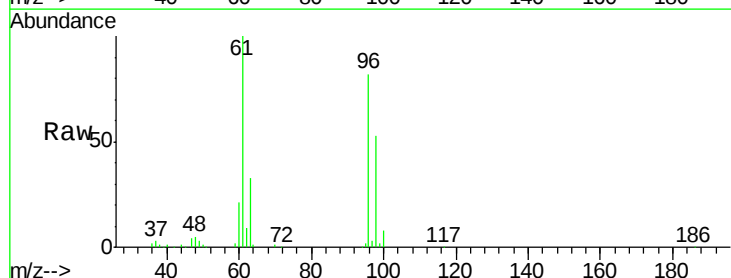
Tgt Ion: 96 Resp: 64940

Ion Ratio Lower Upper

96 100

61 123.0 0.0 280.4

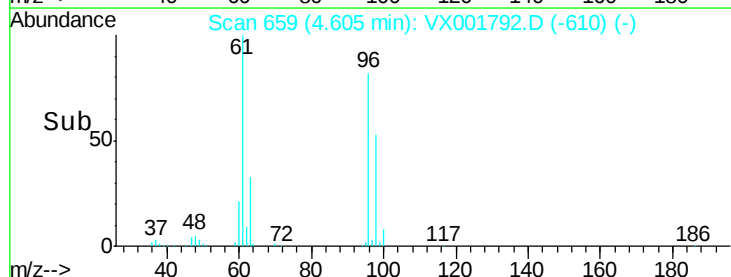
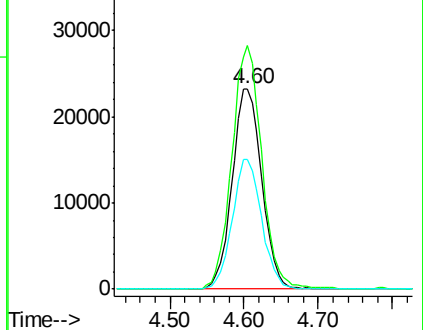
98 64.2 0.0 128.4

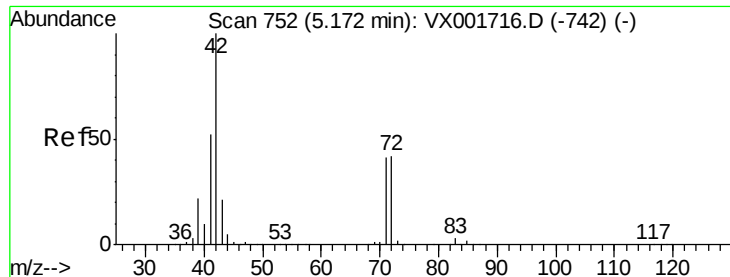


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#29

Tetrahydrofuran

Concen: 0.44 ug/l

RT: 5.18 min Scan# 754

Delta R.T. 0.01 min

Lab File: VX001792.D

Acq: 17 May 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

DUP-0455-180507

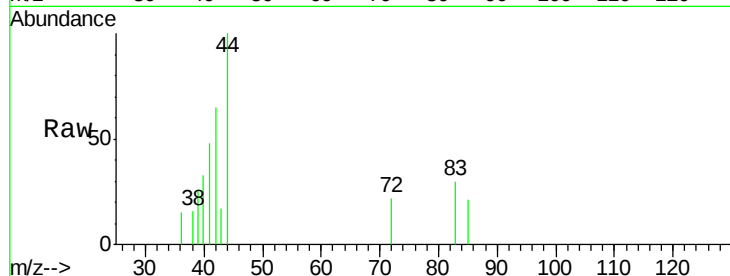
Tgt Ion: 42 Resp: 684

Ion Ratio Lower Upper

42 100

72 19.6 35.4 53.2#

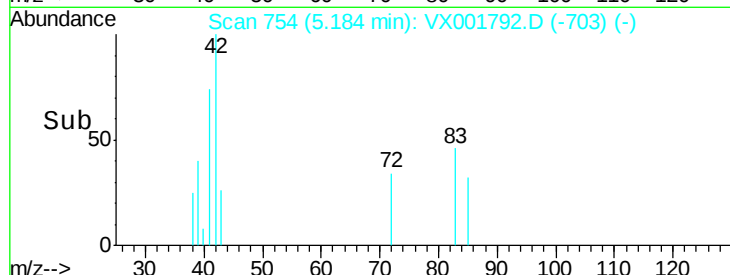
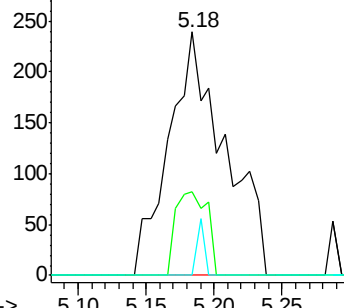
71 2.9 33.2 49.8#



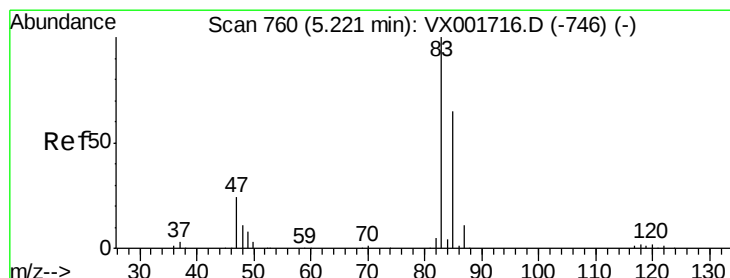
Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



Time-->



#30

Chloroform

Concen: 0.25 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX001792.D

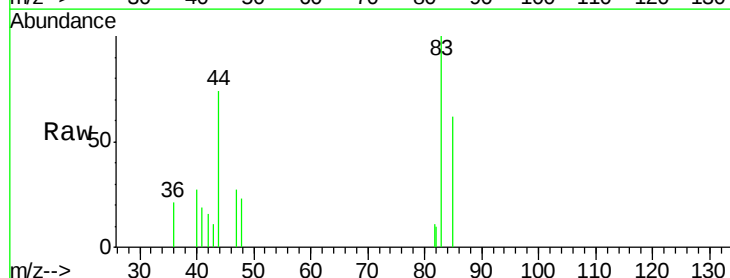
Acq: 17 May 2018 15:59

Tgt Ion: 83 Resp: 1524

Ion Ratio Lower Upper

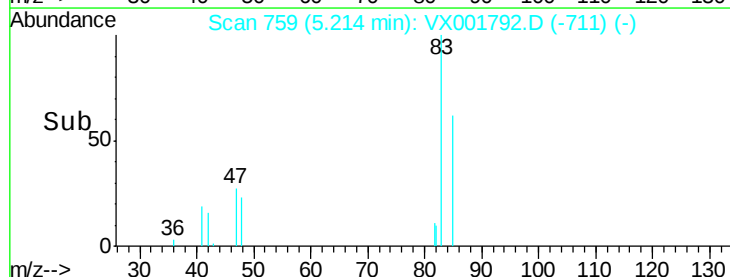
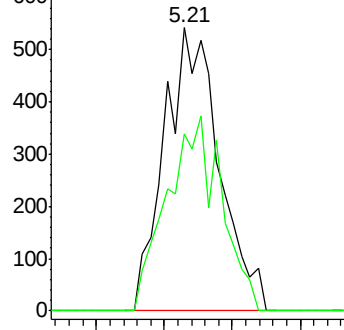
83 100

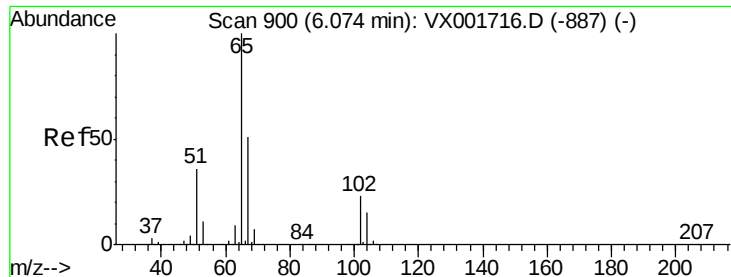
85 62.4 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 51.77 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001792.D

Acq: 17 May 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

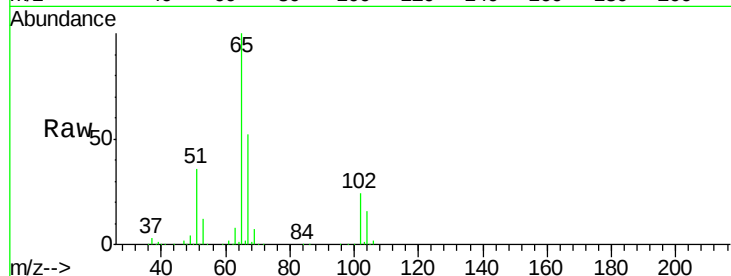
DUP-0455-180507

Tgt Ion: 65 Resp: 205786

Ion Ratio Lower Upper

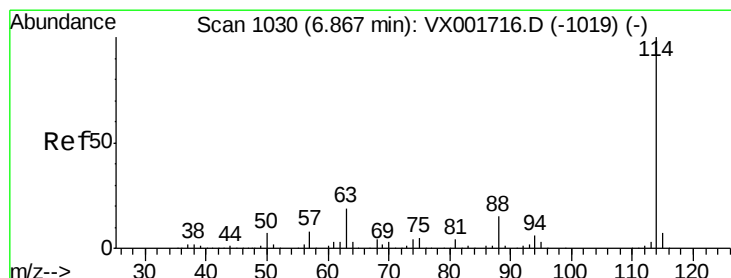
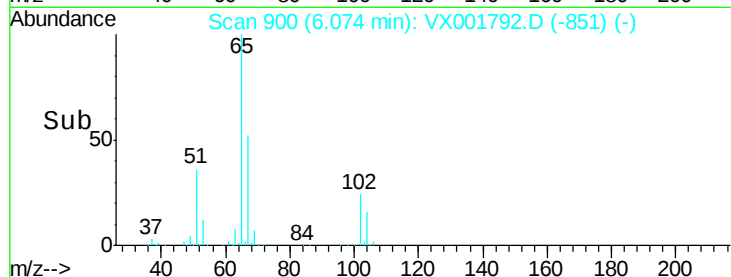
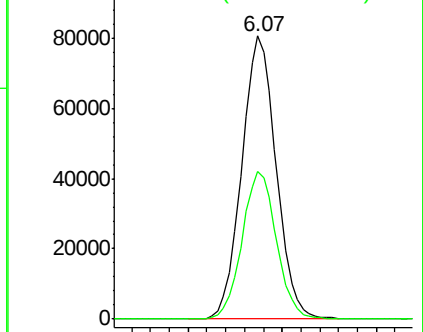
65 100

67 52.2 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: VX001792.D

Acq: 17 May 2018 15:59

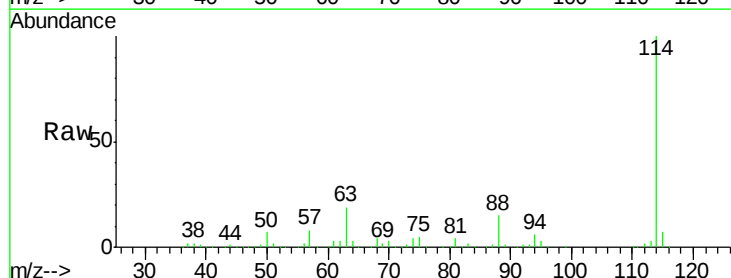
Tgt Ion: 114 Resp: 393495

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.0

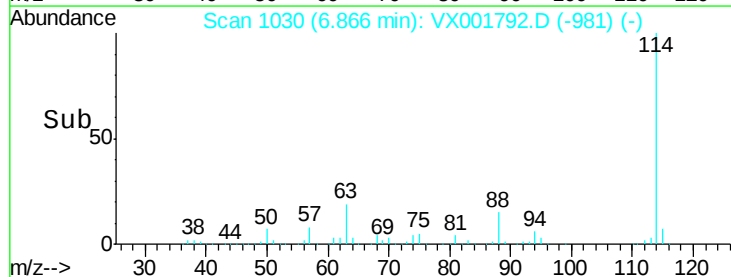
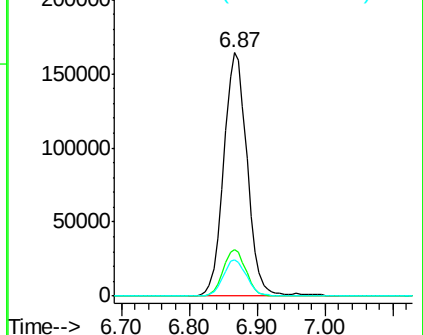
88 15.0 0.0 29.8

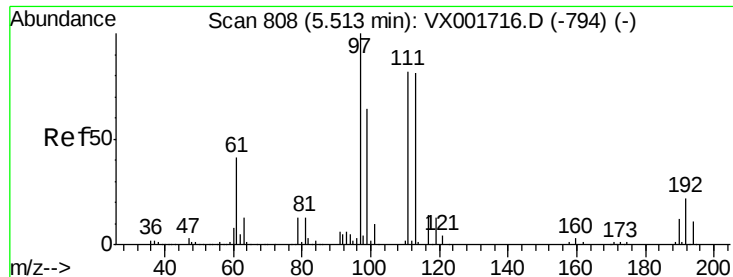


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

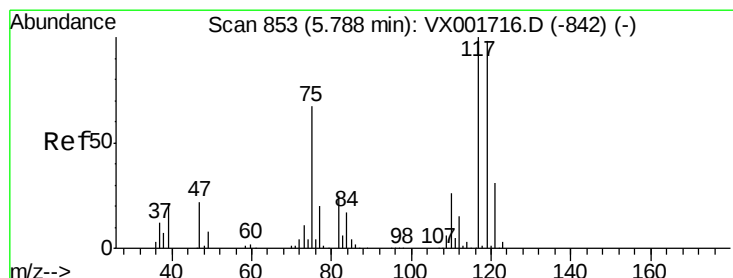
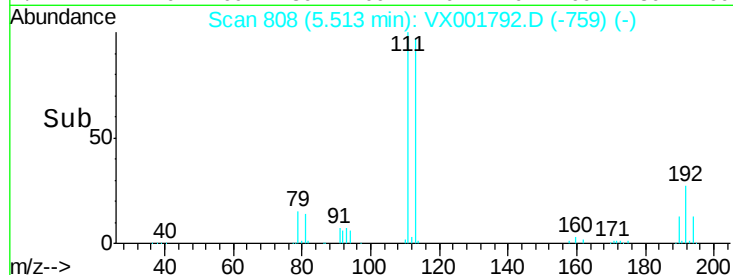
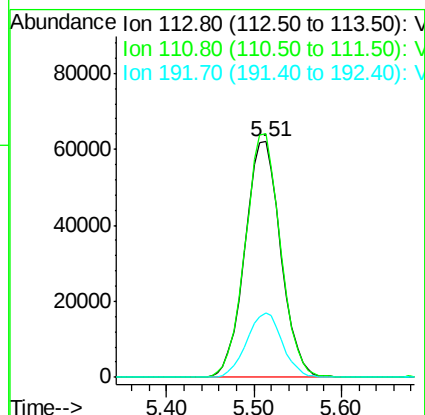
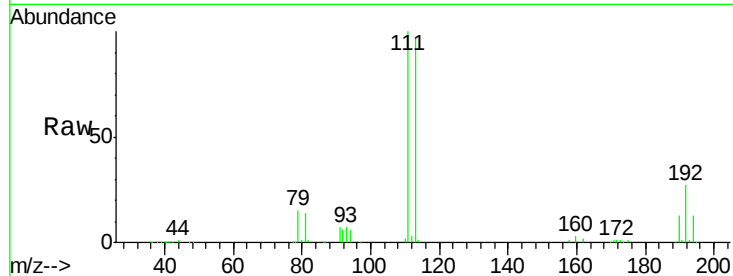




#35
 Dibromofluoromethane
 Concen: 53.11 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001792.D
 Acq: 17 May 2018 15:59

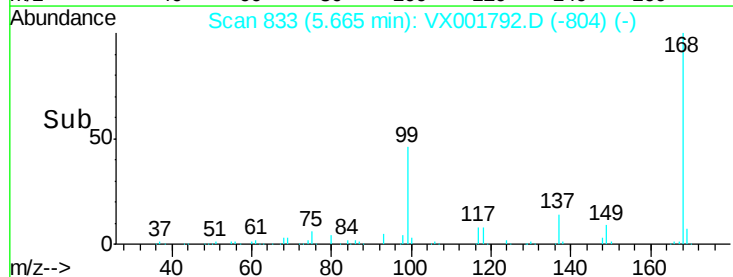
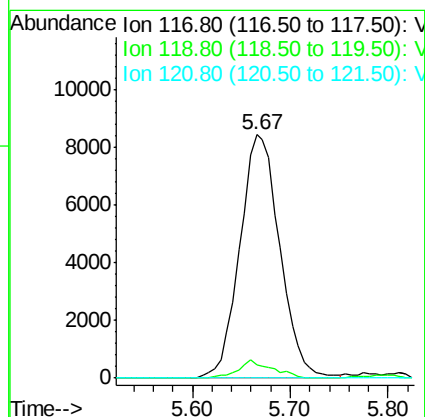
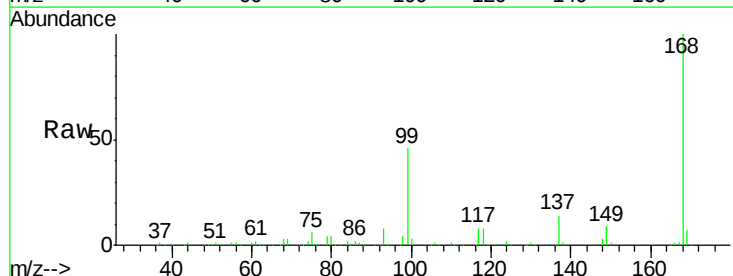
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0455-180507

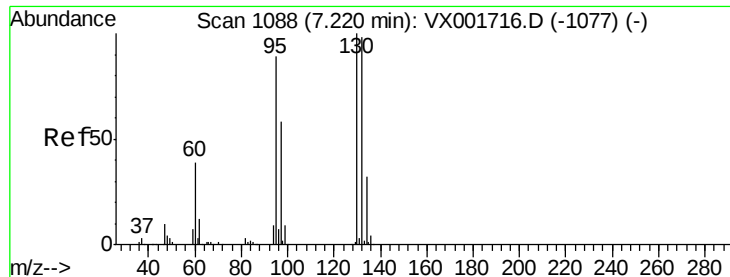
Tgt Ion:113 Resp: 176361
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.0 123.0
 192 27.3 21.6 32.4



#38
 Carbon Tetrachloride
 Concen: 5.03 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX001792.D
 Acq: 17 May 2018 15:59

Tgt Ion:117 Resp: 23856
 Ion Ratio Lower Upper
 117 100
 119 5.3 77.6 116.4#
 121 0.0 24.6 36.8#





#44

Trichloroethene

Concen: 3.73 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001792.D

Acq: 17 May 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

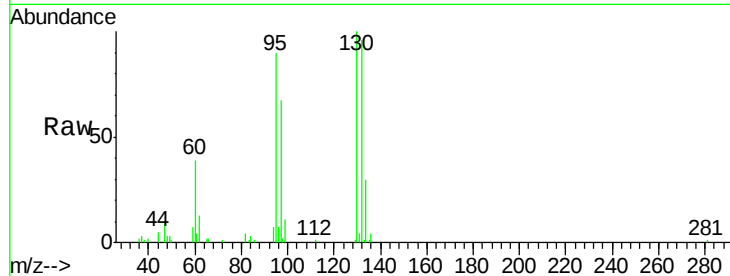
DUP-0455-180507

Tgt Ion:130 Resp: 15444

Ion Ratio Lower Upper

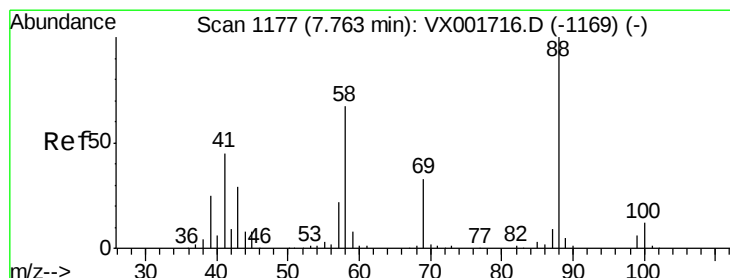
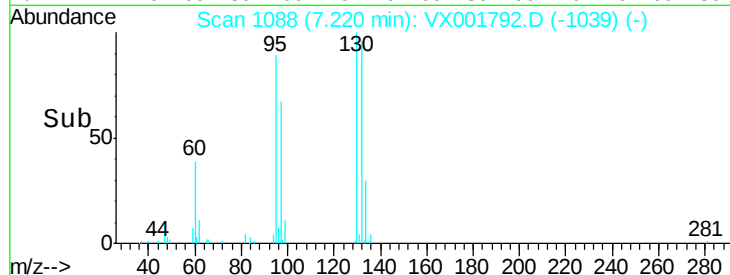
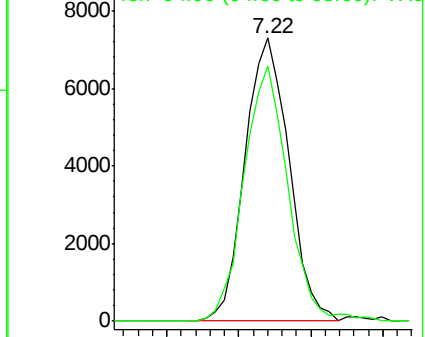
130 100

95 90.3 0.0 177.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 0.27 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VX001792.D

Acq: 17 May 2018 15:59

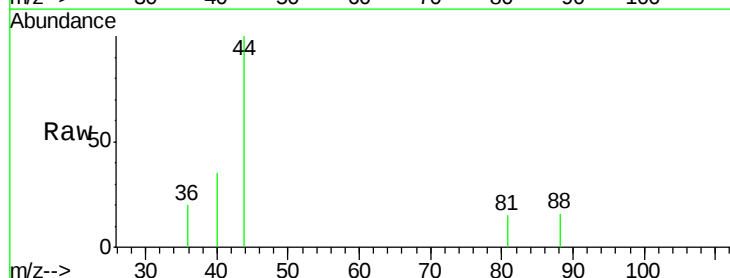
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 120.0 27.3 40.9#

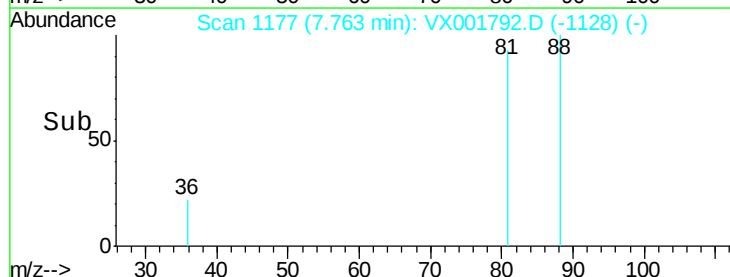
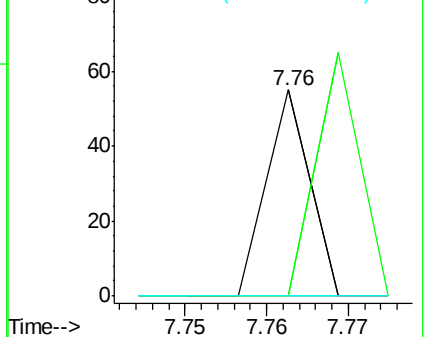
58 0.0 55.9 83.9#

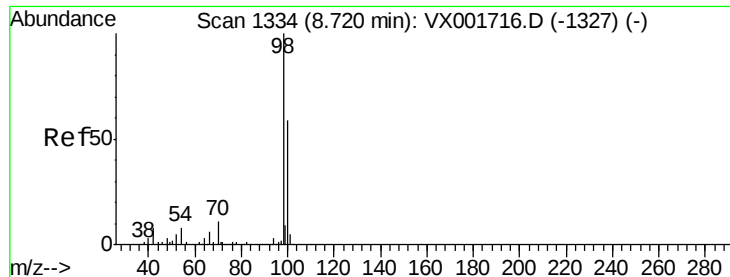


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 51.68 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001792.D

Acq: 17 May 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

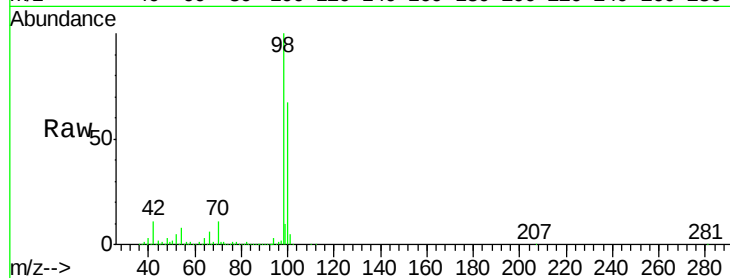
DUP-0455-180507

Tgt Ion: 98 Resp: 614613

Ion Ratio Lower Upper

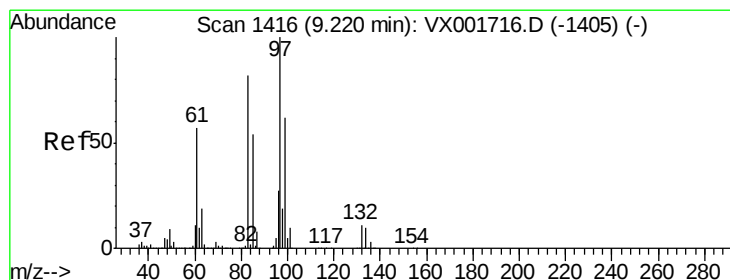
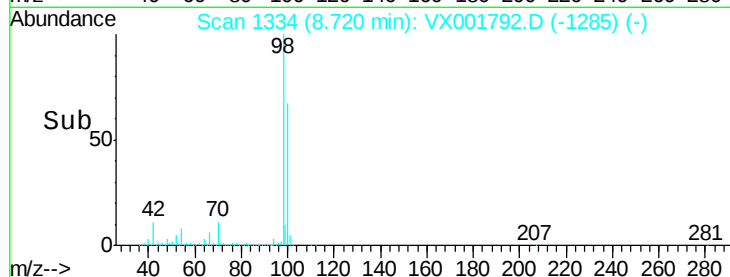
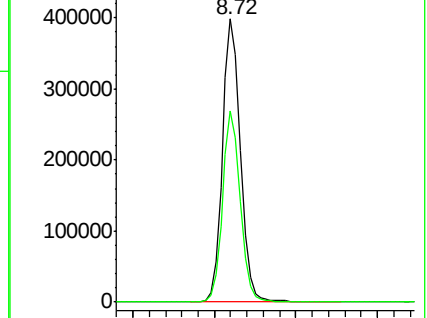
98 100

100 66.5 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#55

1,1,2-Trichloroethane

Concen: 0.56 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. 0.12 min

Lab File: VX001792.D

Acq: 17 May 2018 15:59

Tgt Ion: 97 Resp: 1843

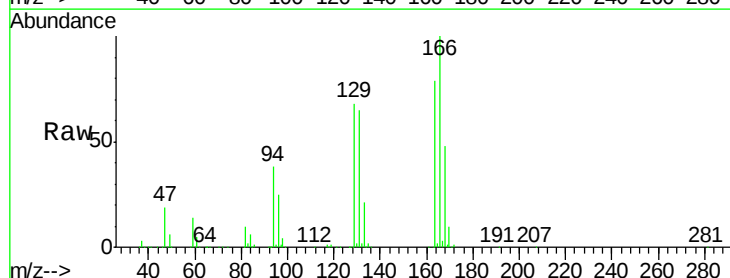
Ion Ratio Lower Upper

97 100

83 280.2 65.8 98.8#

85 36.3 43.4 65.0#

99 17.8 49.8 74.6#

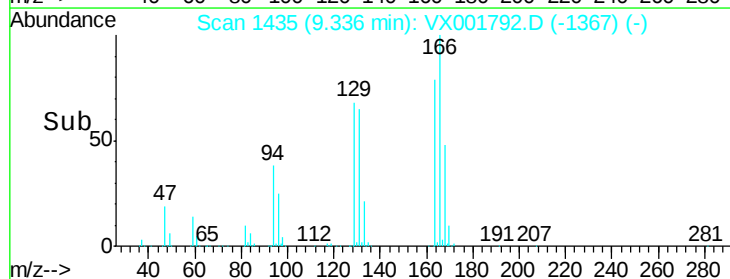
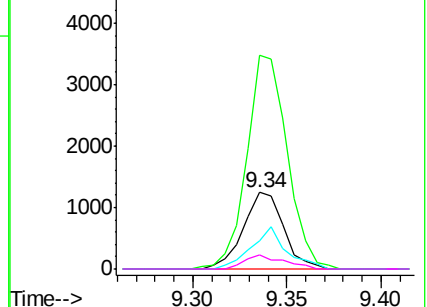


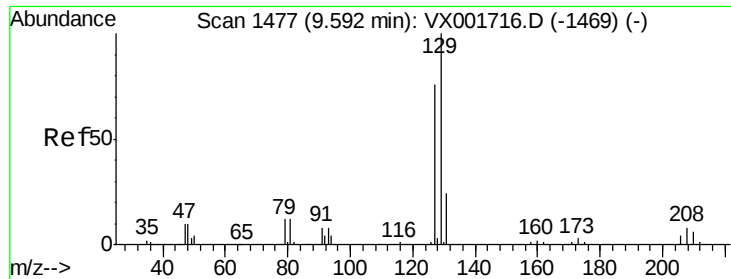
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0





#60

Dibromochloromethane

Concen: 67.81 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.25 min

Lab File: VX001792.D

Acq: 17 May 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

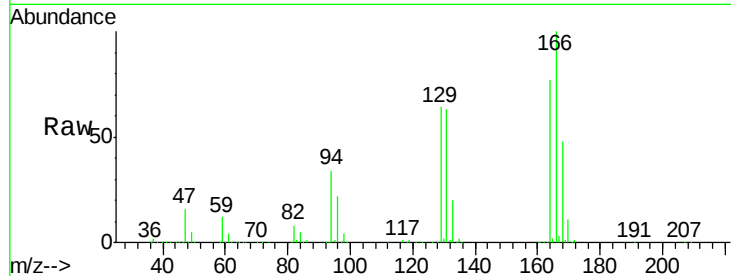
DUP-0455-180507

Tgt Ion:129 Resp: 227632

Ion Ratio Lower Upper

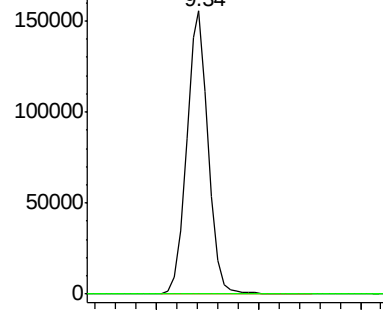
129 100

127 0.0 38.7 116.1#

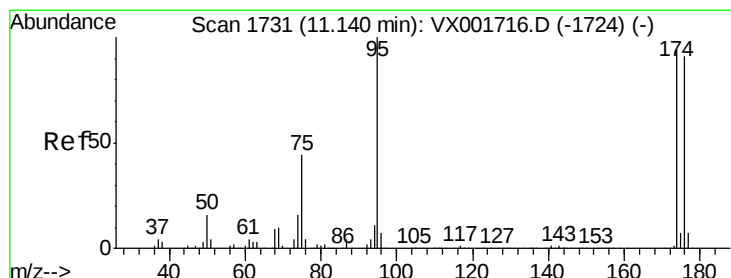
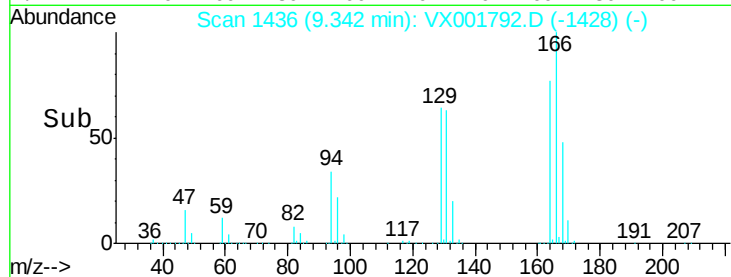


Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 41.80 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001792.D

Acq: 17 May 2018 15:59

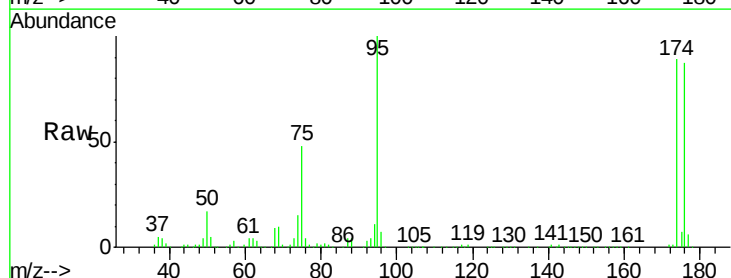
Tgt Ion: 95 Resp: 179003

Ion Ratio Lower Upper

95 100

174 102.1 0.0 201.8

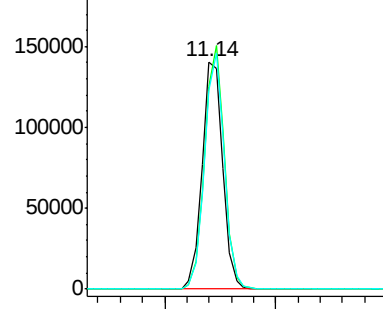
176 99.5 0.0 196.8



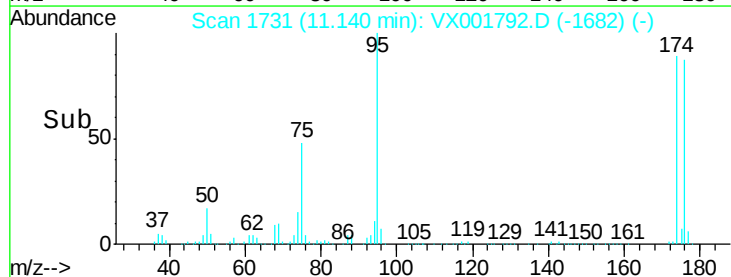
Abundance Ion 94.90 (94.60 to 95.60): VX0

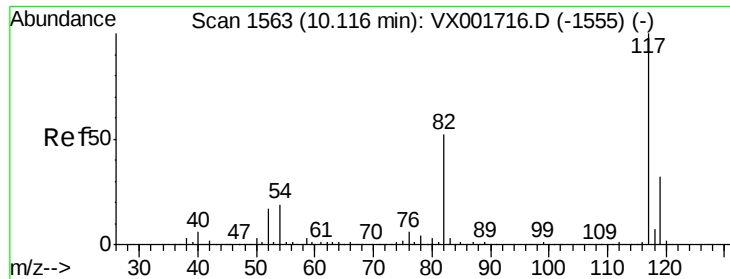
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

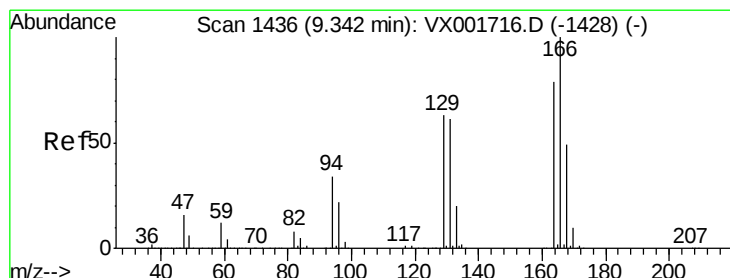
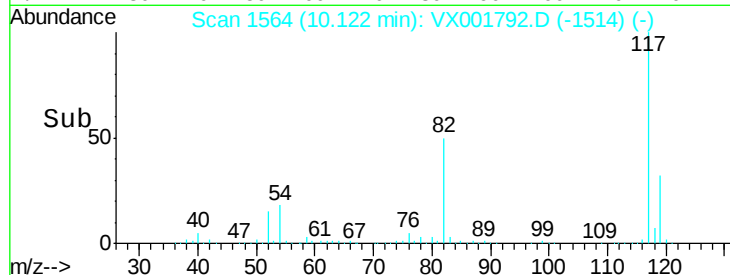
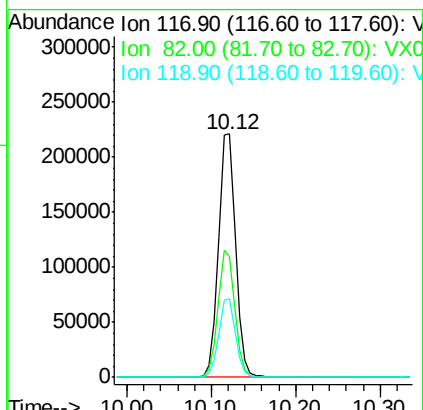
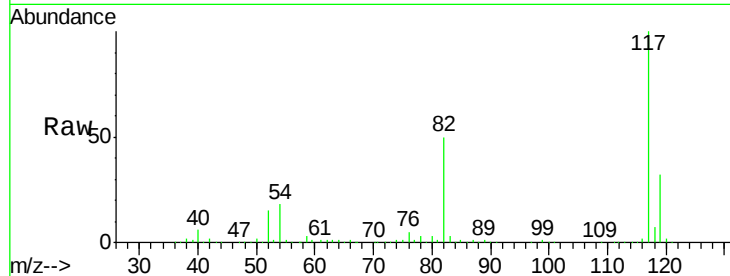




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001792.D
Acq: 17 May 2018 15:59

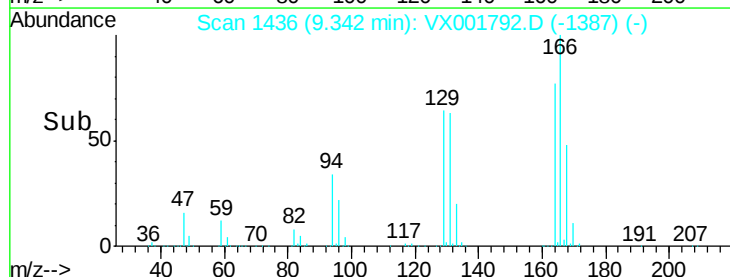
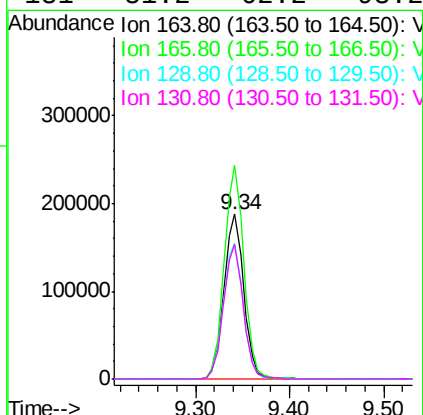
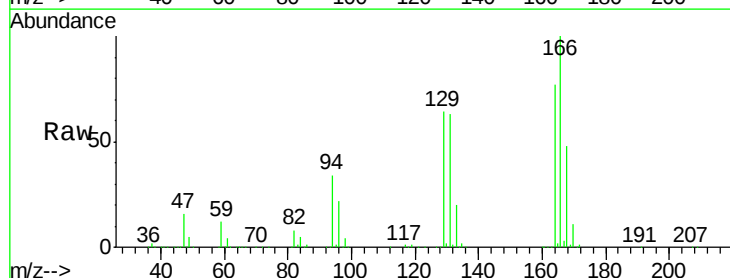
Instrument :
MSVOA_X
ClientSampleId :
DUP-0455-180507

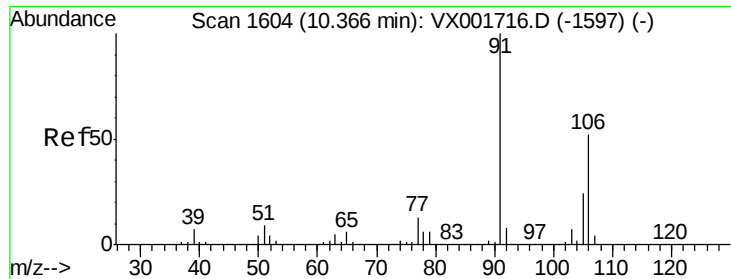
Tgt Ion:117 Resp: 314668
Ion Ratio Lower Upper
117 100
82 49.8 41.4 62.2
119 32.3 25.6 38.4



#64
Tetrachloroethene
Concen: 66.82 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001792.D
Acq: 17 May 2018 15:59

Tgt Ion:164 Resp: 273729
Ion Ratio Lower Upper
164 100
166 129.6 101.8 152.8
129 82.7 63.8 95.6
131 81.2 62.2 93.2

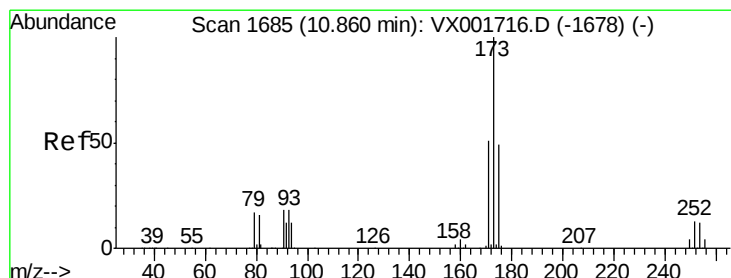
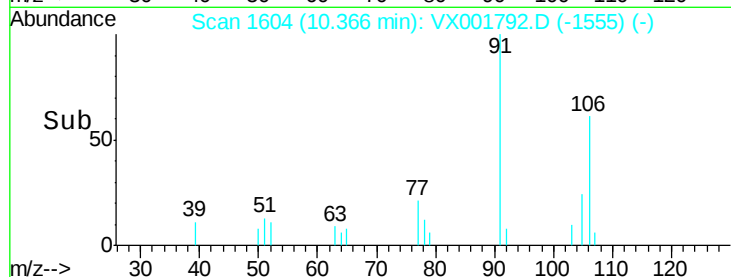
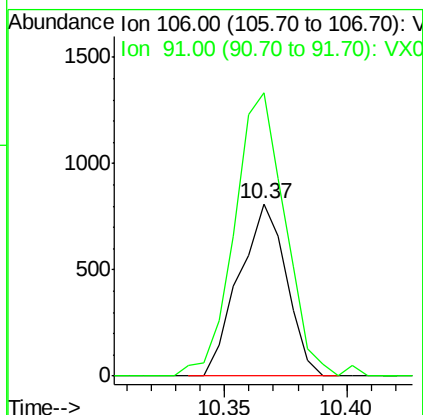
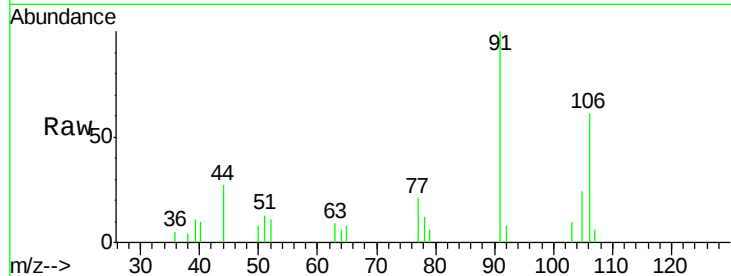




#68
m/p-Xylenes
Concen: 0.20 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001792.D
Acq: 17 May 2018 15:59

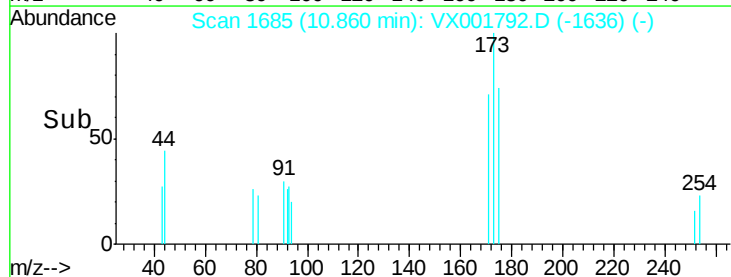
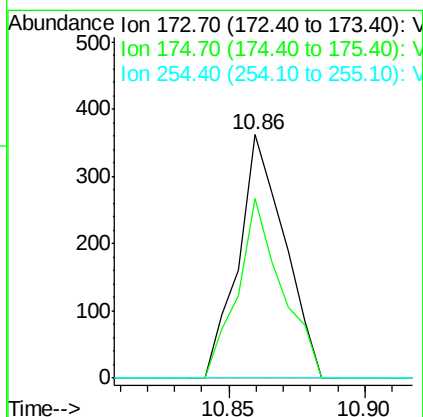
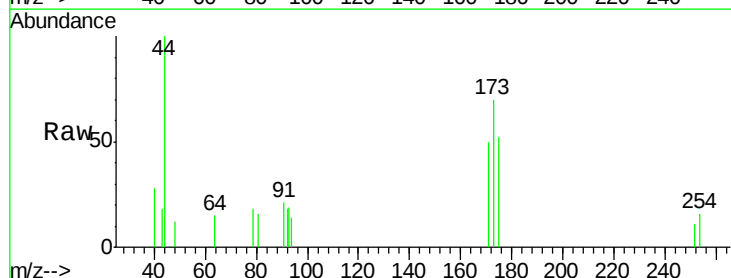
Instrument :
MSVOA_X
ClientSampleId :
DUP-0455-180507

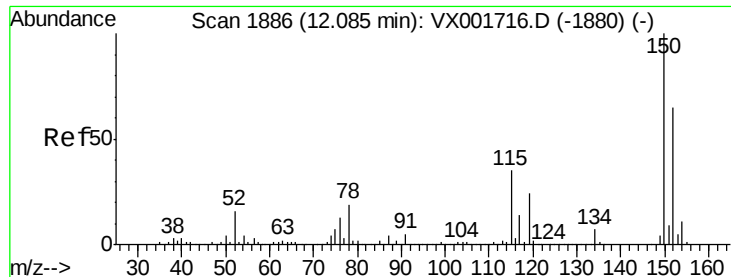
Tgt Ion:106 Resp: 1096
Ion Ratio Lower Upper
106 100
91 175.9 155.4 233.2



#71
Bromoform
Concen: 3.07 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX001792.D
Acq: 17 May 2018 15:59

Tgt Ion:173 Resp: 427
Ion Ratio Lower Upper
173 100
175 0.0 24.3 72.8#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001792.D

Acq: 17 May 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

DUP-0455-180507

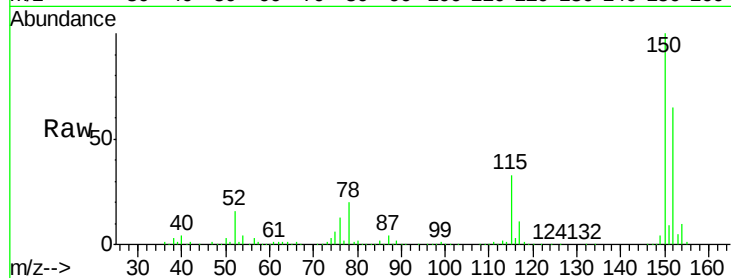
Tgt Ion:152 Resp: 163700

Ion Ratio Lower Upper

152 100

115 51.8 37.4 112.2

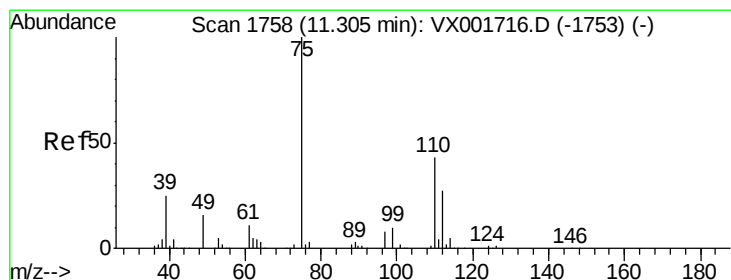
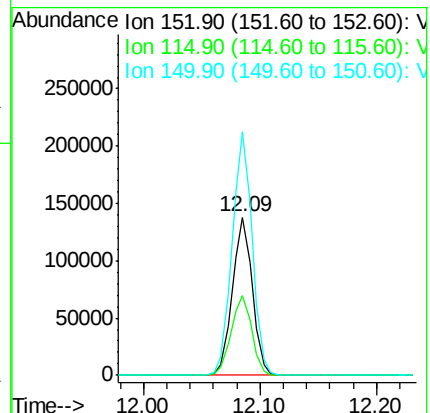
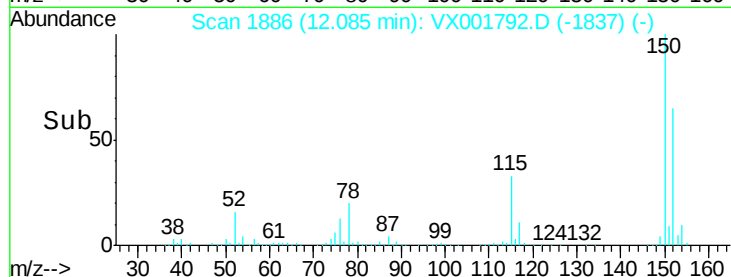
150 154.4 0.0 344.8



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: 26.73 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001792.D

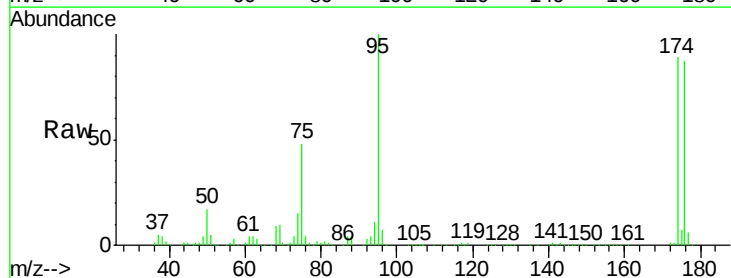
Acq: 17 May 2018 15:59

Tgt Ion: 75 Resp: 83199

Ion Ratio Lower Upper

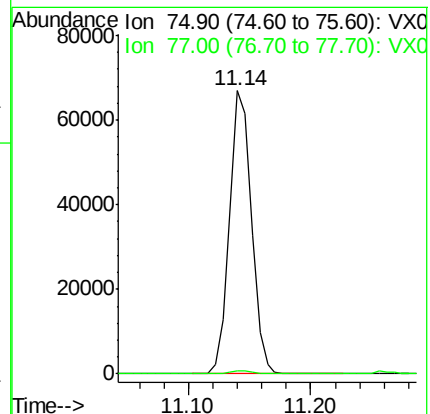
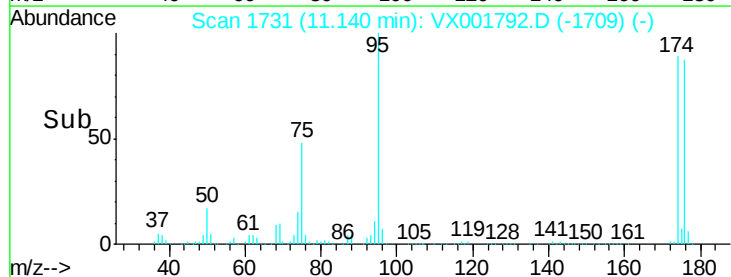
75 100

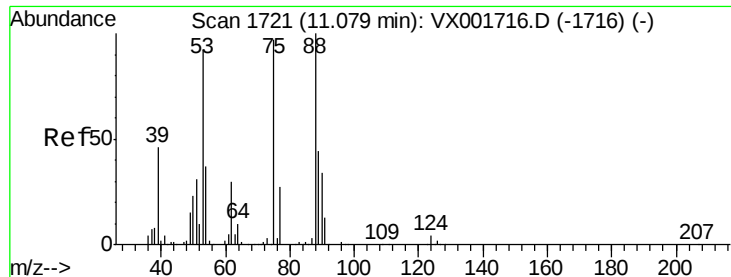
77 1.2 18.9 56.7#



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: 77.69 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001792.D

Acq: 17 May 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

DUP-0455-180507

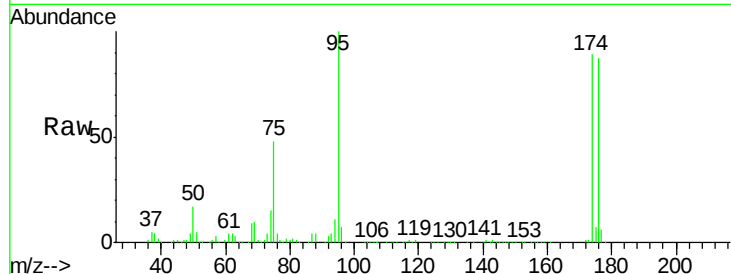
Tgt Ion: 75 Resp: 83199

Ion Ratio Lower Upper

75 100

53 0.1 79.4 119.2#

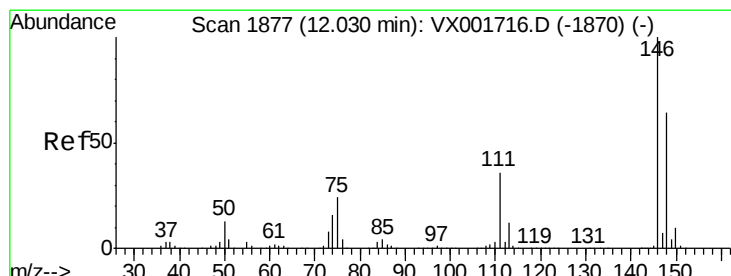
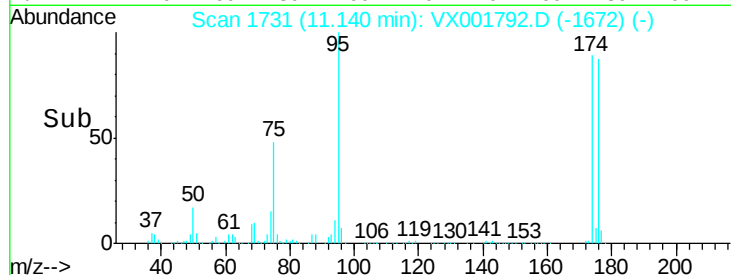
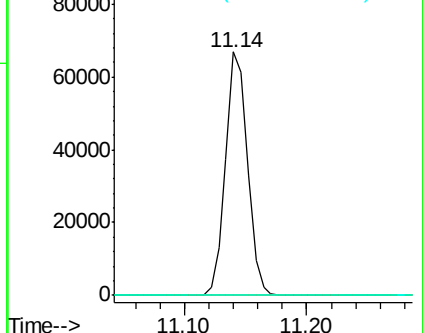
89 0.0 38.8 58.2#



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



#87

1,3-Dichlorobenzene

Concen: 0.22 ug/l

RT: 12.04 min Scan# 1878

Delta R.T. 0.01 min

Lab File: VX001792.D

Acq: 17 May 2018 15:59

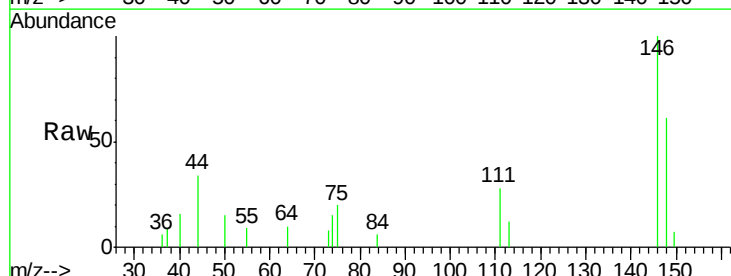
Tgt Ion: 146 Resp: 1309

Ion Ratio Lower Upper

146 100

111 40.0 17.8 53.4

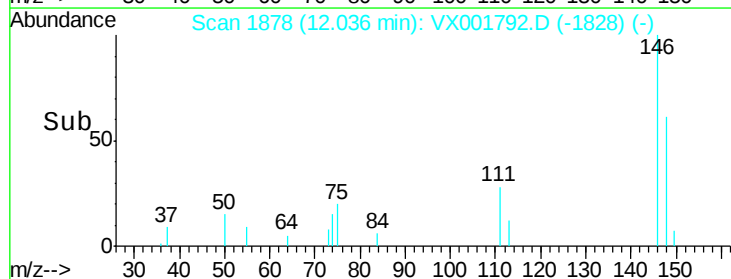
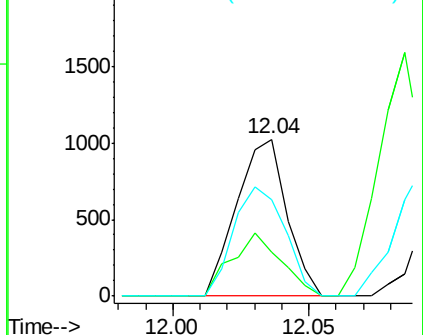
148 71.2 32.1 96.3

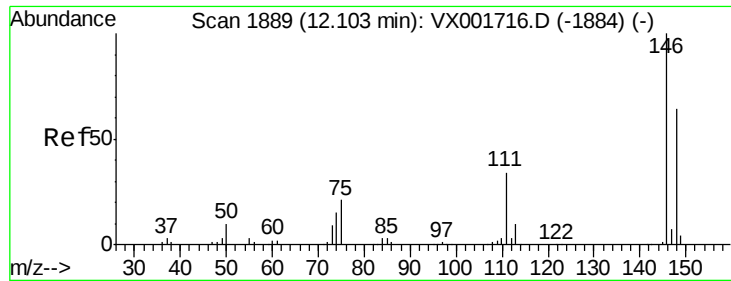


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

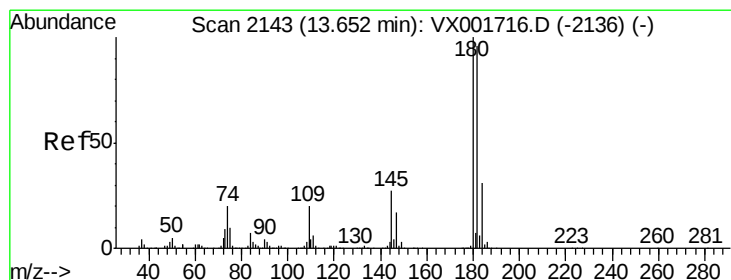
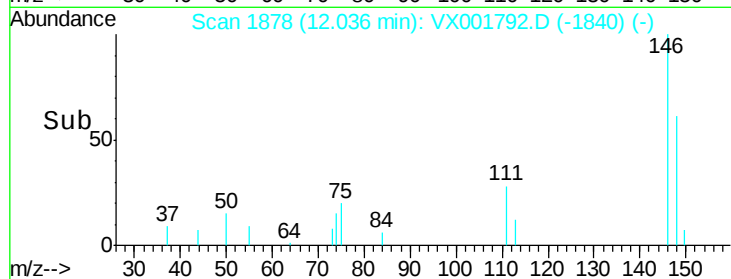
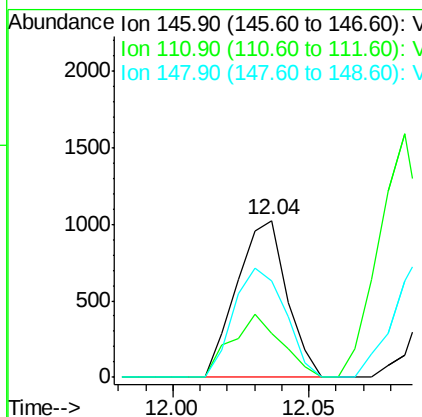
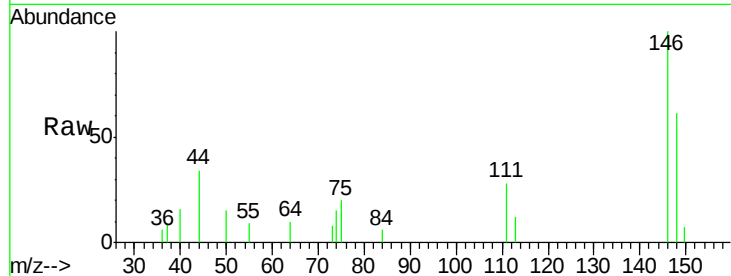




#88
 1,4-Dichlorobenzene
 Concen: 0.22 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.07 min
 Lab File: VX001792.D
 Acq: 17 May 2018 15:59

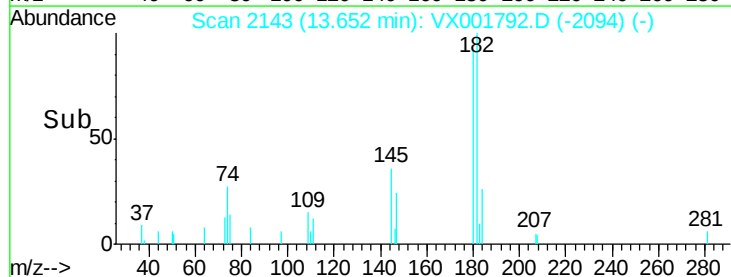
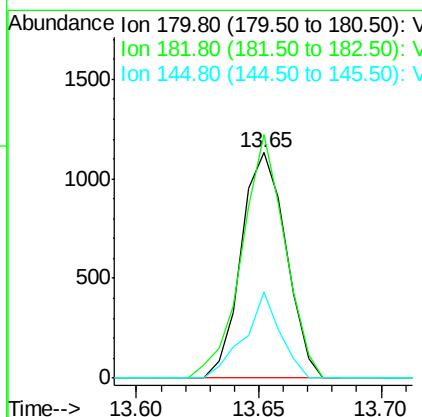
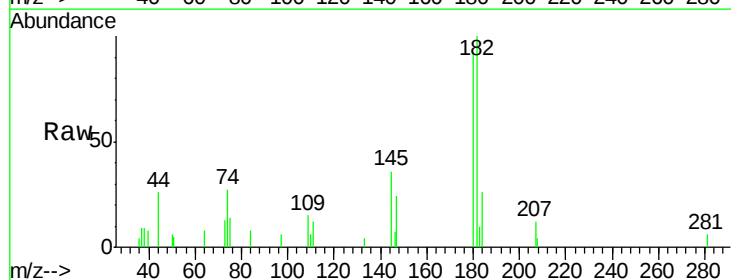
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0455-180507

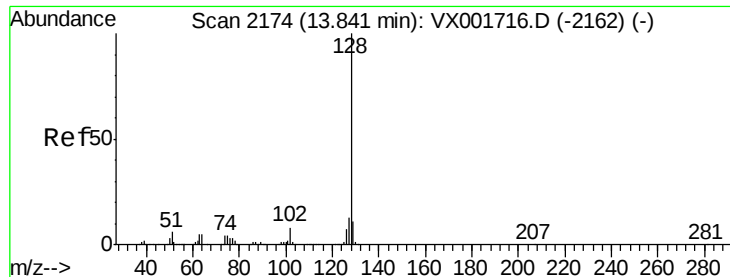
Tgt Ion:146 Resp: 1309
 Ion Ratio Lower Upper
 146 100
 111 40.0 17.3 52.0
 148 71.2 32.3 96.9



#93
 1,2,4-Trichlorobenzene
 Concen: 0.31 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001792.D
 Acq: 17 May 2018 15:59

Tgt Ion:180 Resp: 1436
 Ion Ratio Lower Upper
 180 100
 182 104.1 47.6 142.9
 145 30.8 13.4 40.1





#95

Naphthalene

Concen: 0.28 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001792.D

Acq: 17 May 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

DUP-0455-180507

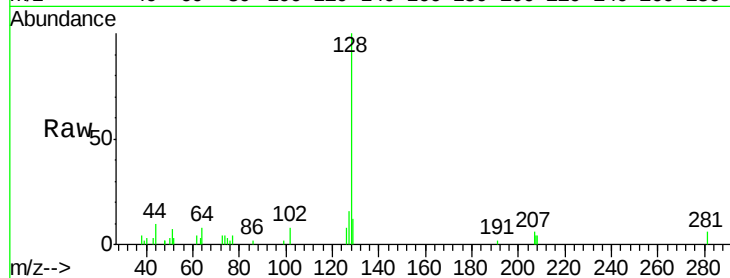
Tgt Ion:128 Resp: 3435

Ion Ratio Lower Upper

128 100

127 14.5 10.2 15.4

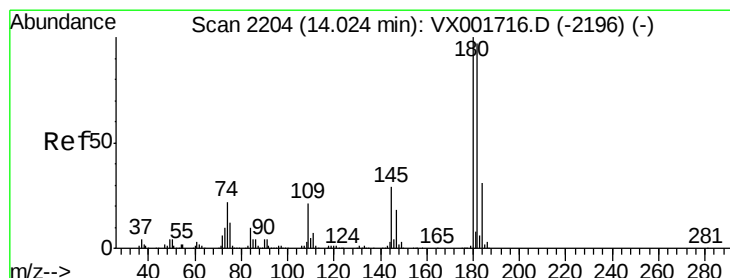
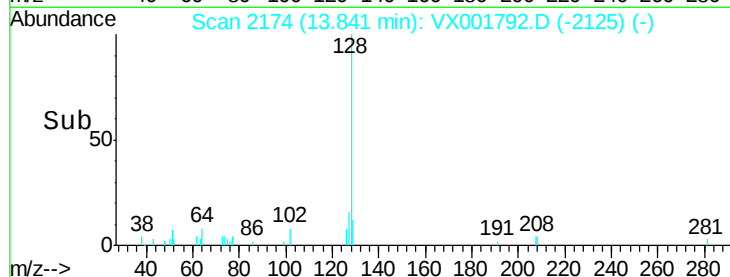
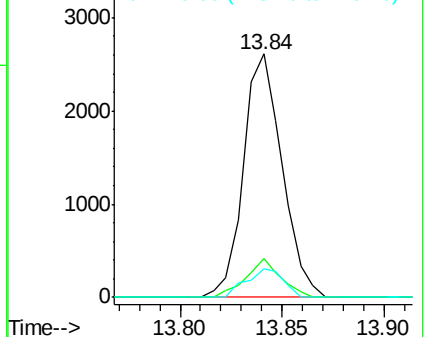
129 11.2 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.32 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX001792.D

Acq: 17 May 2018 15:59

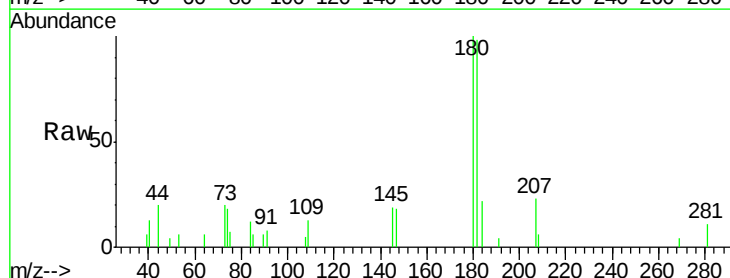
Tgt Ion:180 Resp: 1483

Ion Ratio Lower Upper

180 100

182 97.4 47.9 143.7

145 29.2 14.2 42.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

