

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090618\
 Data File : VX004393.D
 Acq On : 06 Sep 2018 18:53
 Operator : JC/MD
 Sample : J4801-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CHRT-26957

Quant Time: Sep 07 04:47:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	308184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	499824	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	501016	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	275718	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	212833	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	
35) Dibromofluoromethane	5.50	113	190573	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
50) Toluene-d8	8.71	98	721312	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
62) 4-Bromofluorobenzene	11.14	95	259555	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	

Target Compounds

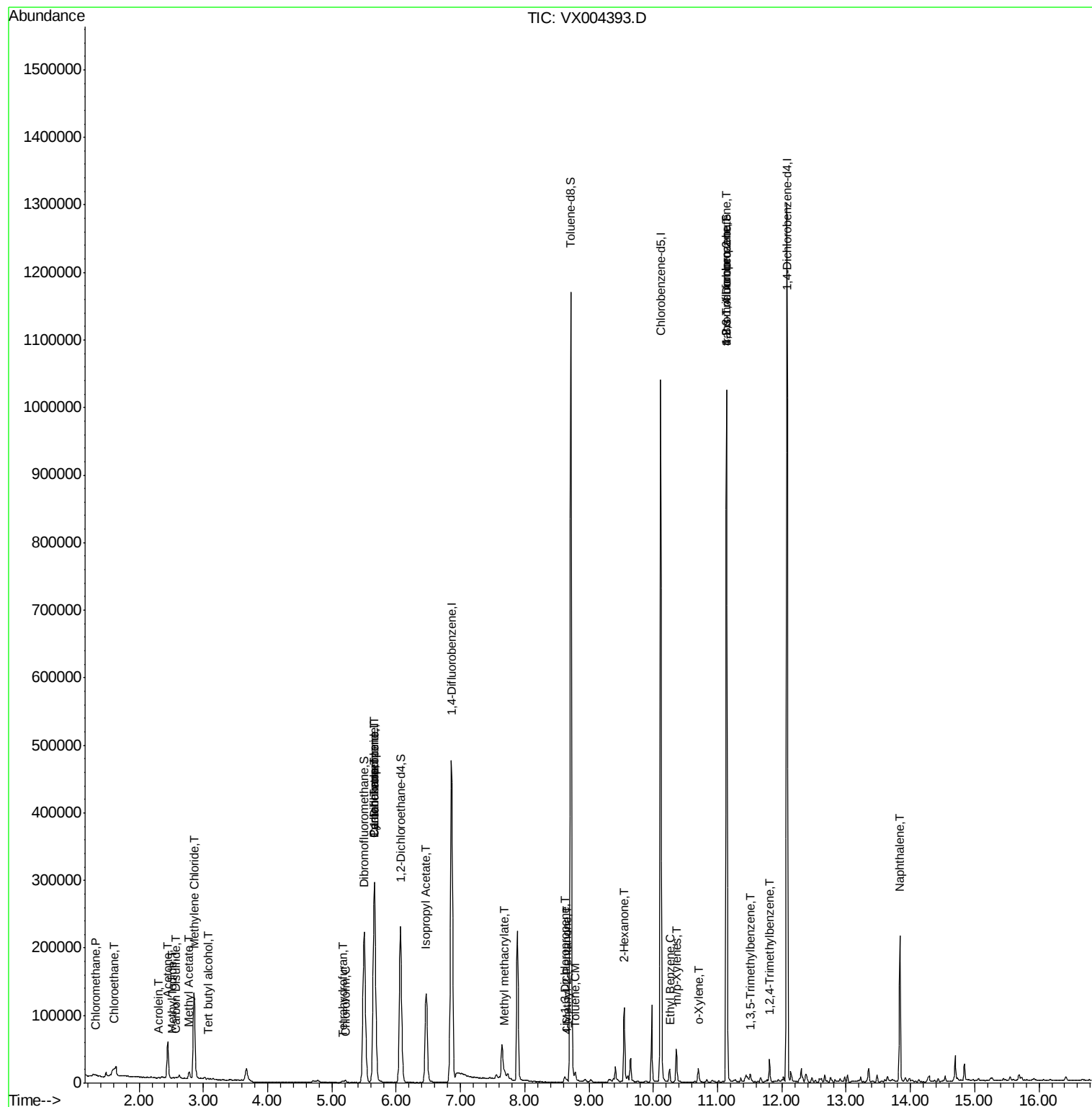
						Qvalue
3) Chloromethane	1.32	50	918	0.52	ug/l	100
5) Bromomethane	1.64	94	1154	Below	Cal	# 67
6) Chloroethane	1.61	64	3998	2.19	ug/l	# 59
10) Methyl Iodide	2.51	142	441	4.37	ug/l	# 86
11) Tert butyl alcohol	3.07	59	1169	1.37	ug/l	# 88
13) Acrolein	2.30	56	319	1.55	ug/l	95
16) Acetone	2.45	43	55198	26.44	ug/l	100
17) Carbon Disulfide	2.56	76	799	0.88	ug/l	# 75
18) Methyl Acetate	2.78	43	13052	2.19	ug/l	99
20) Methylene Chloride	2.85	84	61168	15.82	ug/l	96
25) 2-Butanone	4.70	43	5336	Below	Cal	94
29) Tetrahydrofuran	5.16	42	2246	1.30	ug/l	# 77
30) Chloroform	5.21	83	2714	0.41	ug/l	88
31) Cyclohexane	5.66	56	5419	0.96	ug/l	# 1
36) 1,1-Dichloropropene	5.66	75	20250	3.60	ug/l	# 49
38) Carbon Tetrachloride	5.67	117	26505	5.01	ug/l	# 15
43) Isopropyl Acetate	6.46	43	173333	20.41	ug/l	99
48) Methyl methacrylate	7.69	41	7866	1.73	ug/l	# 21
51) 4-Methyl-2-Pentanone	8.65	43	1970	0.32	ug/l	# 72
52) Toluene	8.79	92	2573	0.24	ug/l	89
54) cis-1,3-Dichloropropene	8.62	75	1343	0.21	ug/l	# 67
59) 2-Hexanone	9.55	43	12786	2.72	ug/l	# 54
67) Ethyl Benzene	10.25	91	10526	0.52	ug/l	95
68) m/p-Xylenes	10.36	106	11507	1.44	ug/l	93
69) o-Xylene	10.70	106	3728	0.49	ug/l	99
76) 1,2,3-Trichloropropane	11.14	75	122388	21.83	ug/l	# 37
80) 1,3,5-Trimethylbenzene	11.51	105	4469	0.30	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.14	75	122388	70.81	ug/l	# 10
84) 1,2,4-Trimethylbenzene	11.81	105	15044	0.98	ug/l	99
94) Hexachlorobutadiene	13.79	225	246	Below	Cal	97
95) Naphthalene	13.83	128	134247	7.46	ug/l	99

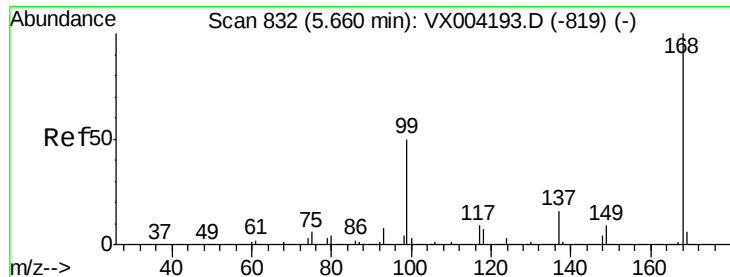
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004393.D

Acq: 06 Sep 2018 18:53

Instrument :

MSVOA_X

ClientSampleId :

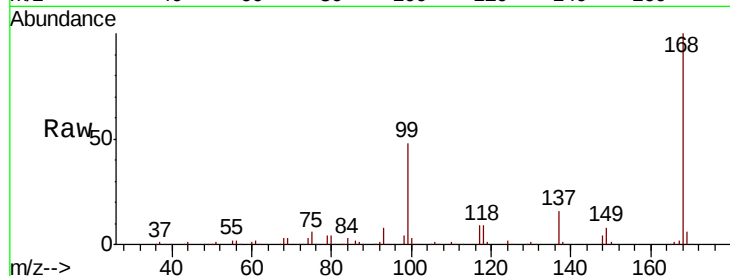
CHRT-26957

Tot Ion:168 Resp: 308184

Ion Ratio Lower Upper

168 100

99 48.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

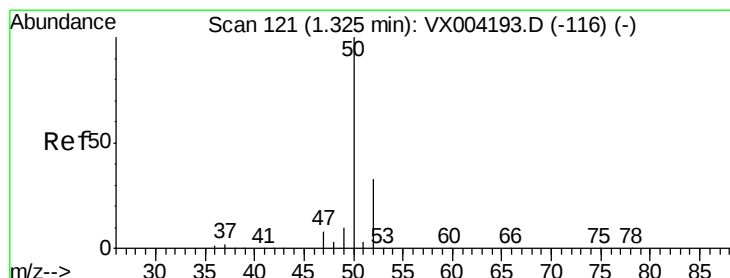
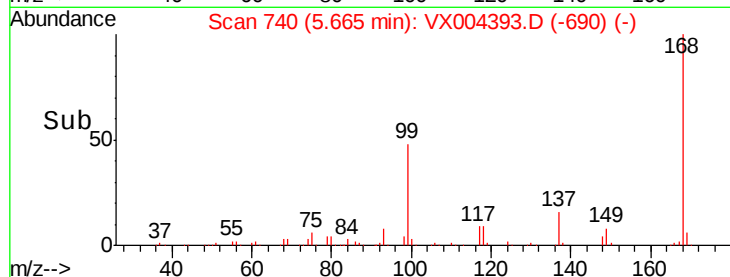
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.52 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004393.D

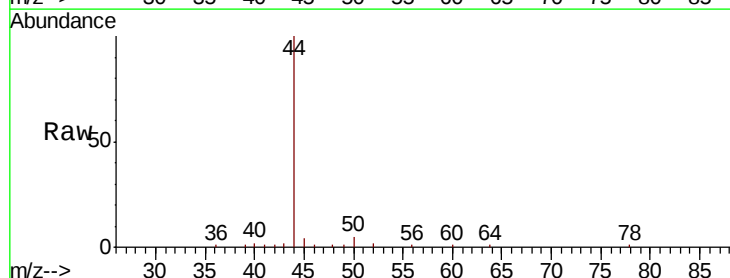
Acq: 06 Sep 2018 18:53

Tgt Ion: 50 Resp: 918

Ion Ratio Lower Upper

50 100

52 32.5 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

600

500

400

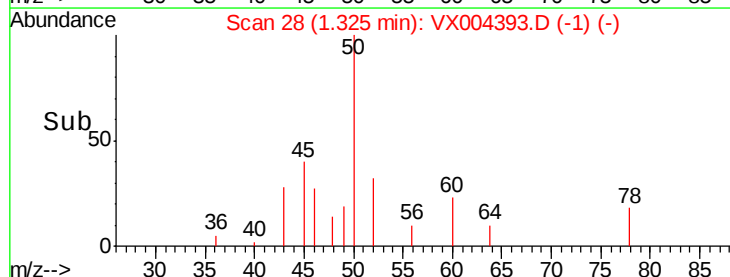
300

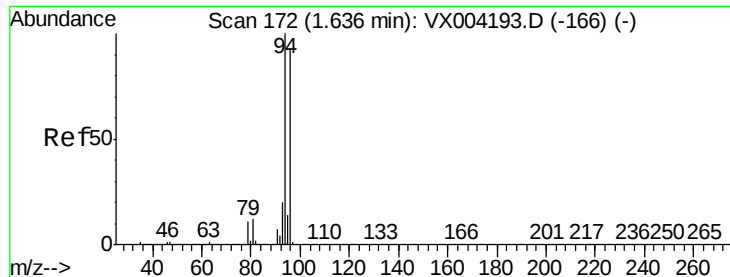
200

100

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX004393.D

Acq: 06 Sep 2018 18:53

Instrument :

MSVOA_X

ClientSampled :

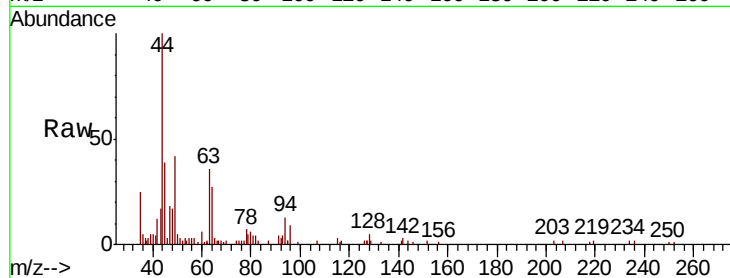
CHRT-26957

Tot Ion: 94 Resp: 1154

Ion Ratio Lower Upper

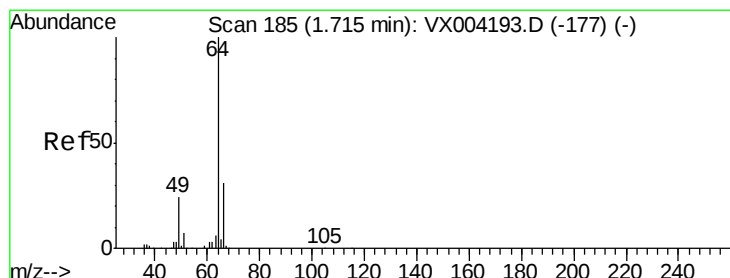
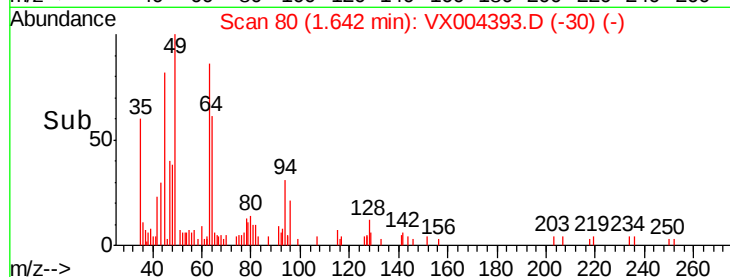
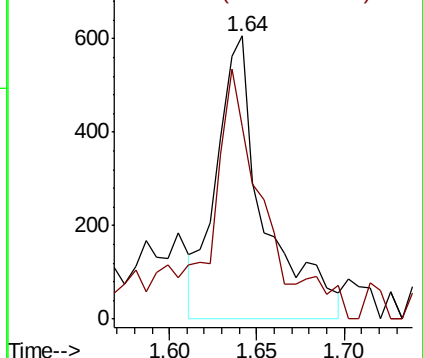
94 100

96 61.5 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 2.19 ug/l

RT: 1.61 min Scan# 75

Delta R.T. -0.10 min

Lab File: VX004393.D

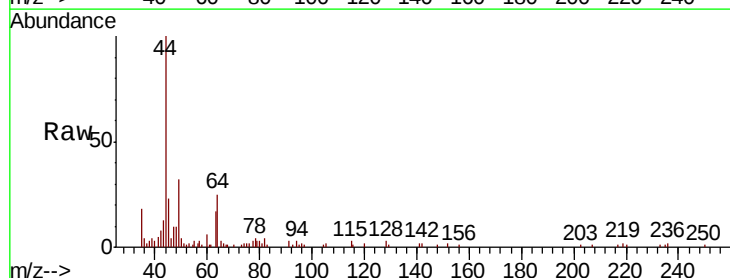
Acq: 06 Sep 2018 18:53

Tgt Ion: 64 Resp: 3998

Ion Ratio Lower Upper

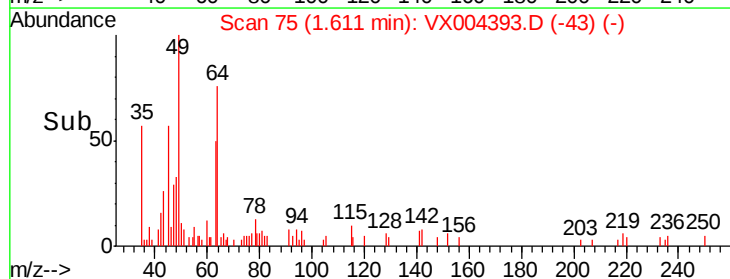
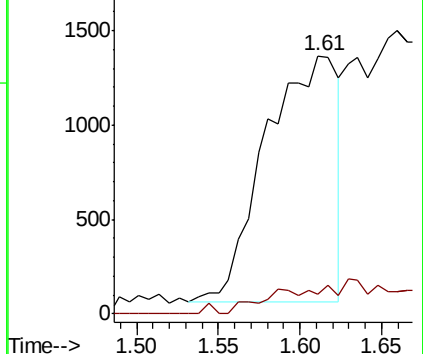
64 100

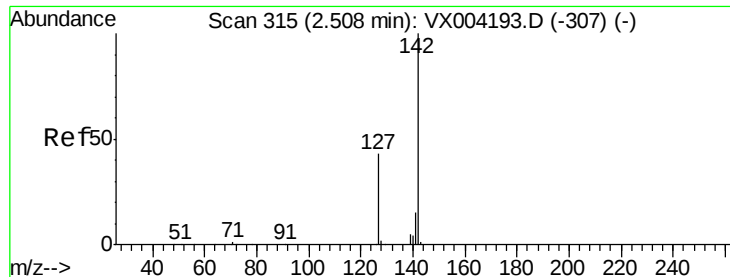
66 8.2 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

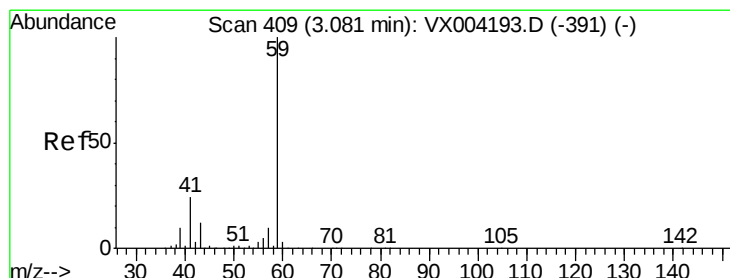
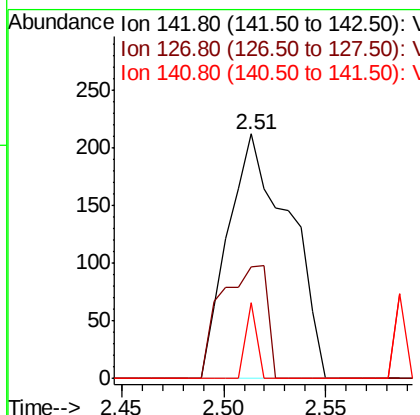
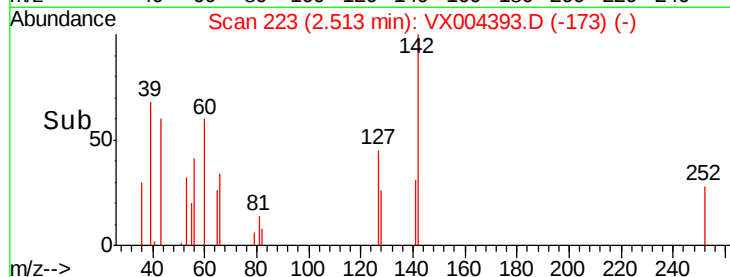
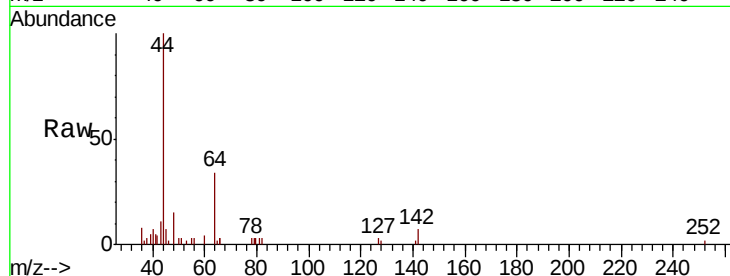




#10
Methvl Iodide
Concen: 4.37 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX004393.D
Acq: 06 Sep 2018 18:53

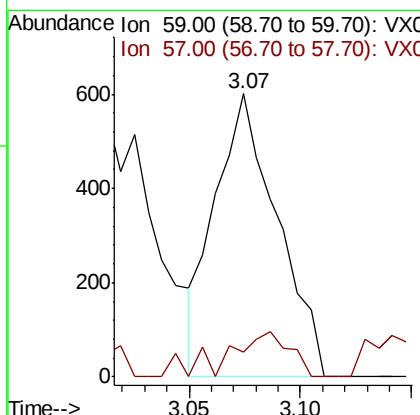
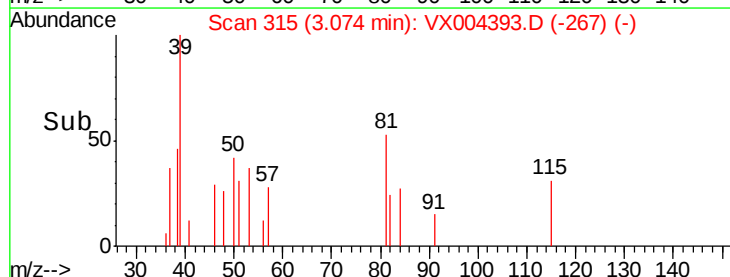
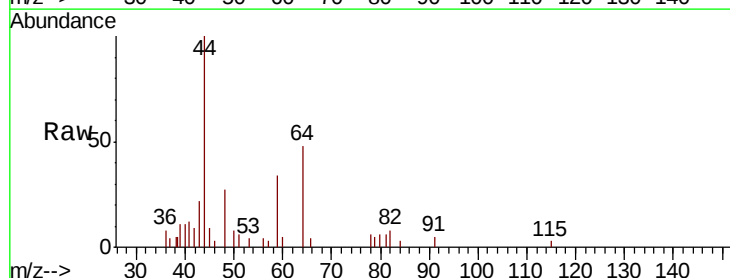
Instrument :
MSVOA_X
ClientSampled :
CHRT-26957

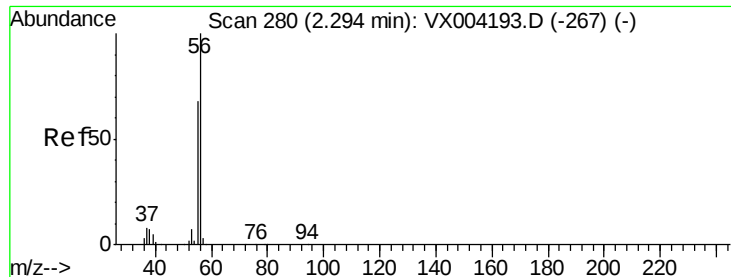
Tot Ion:142 Resp: 441
Ion Ratio Lower Upper
142 100
127 34.7 33.8 50.6
141 5.4 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.37 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX004393.D
Acq: 06 Sep 2018 18:53

Tgt Ion: 59 Resp: 1169
Ion Ratio Lower Upper
59 100
57 14.9 8.2 12.4#





#13

Acrolein

Concen: 1.55 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX004393.D

Acq: 06 Sep 2018 18:53

Instrument :

MSVOA_X

ClientSampleId :

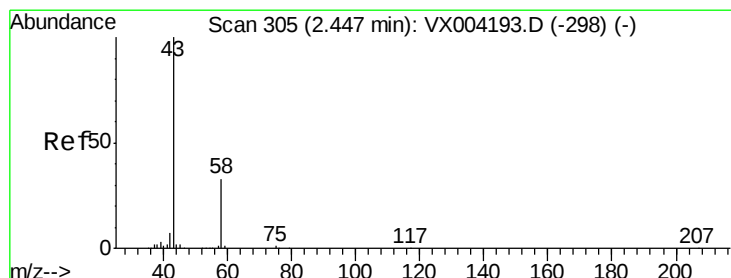
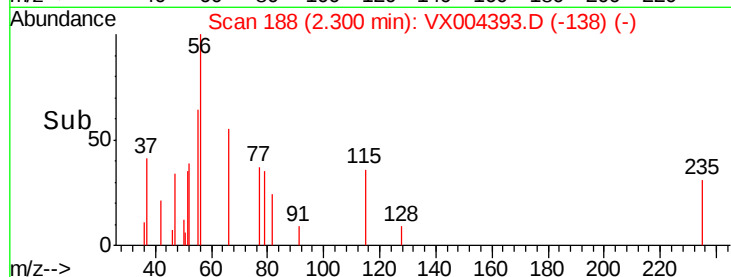
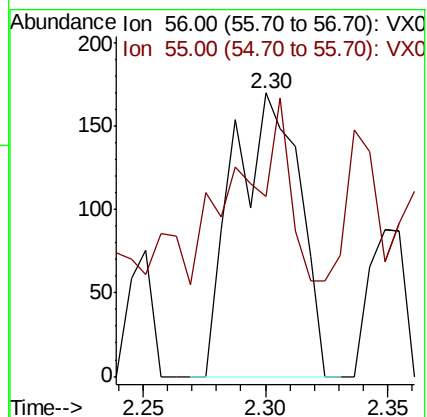
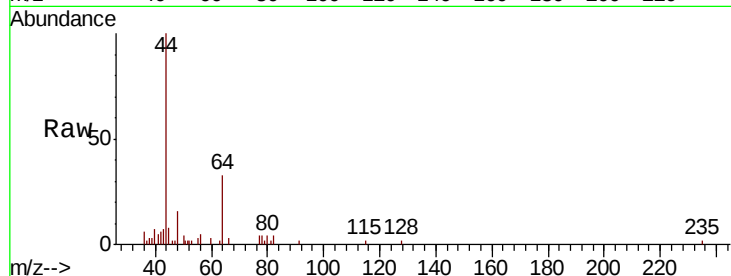
CHRT-26957

Tot Ion: 56 Resp: 319

Ion Ratio Lower Upper

56 100

55 72.7 54.7 82.1



#16

Acetone

Concen: 26.44 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004393.D

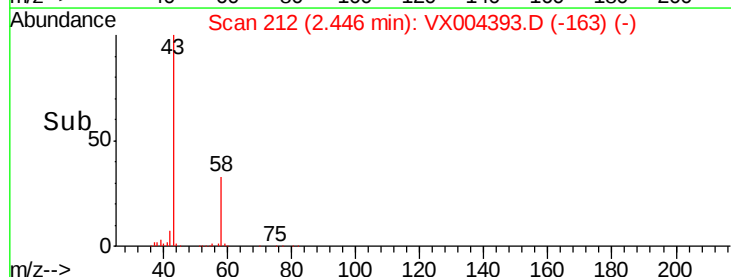
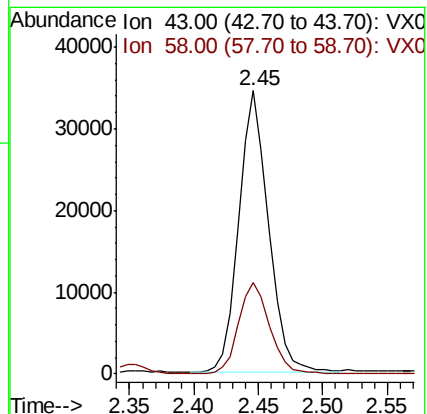
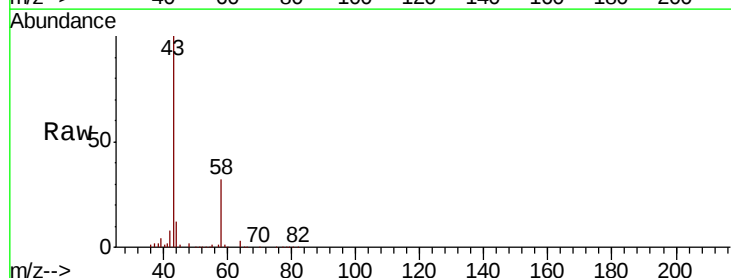
Acq: 06 Sep 2018 18:53

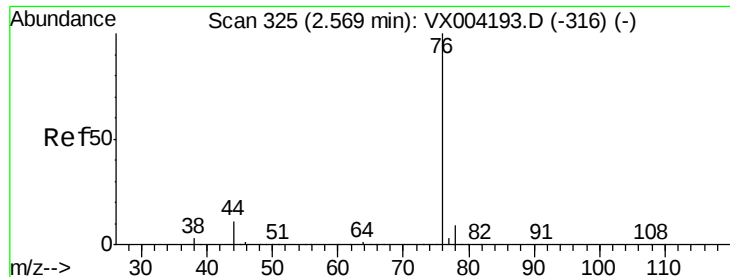
Tgt Ion: 43 Resp: 55198

Ion Ratio Lower Upper

43 100

58 32.6 26.2 39.4





#17

Carbon Disulfide

Concen: 0.88 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX004393.D

Acq: 06 Sep 2018 18:53

Instrument :

MSVOA_X

ClientSampled :

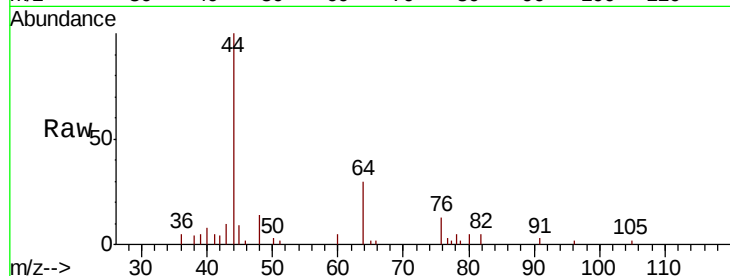
CHRT-26957

Tot Ion: 76 Resp: 799

Ion Ratio Lower Upper

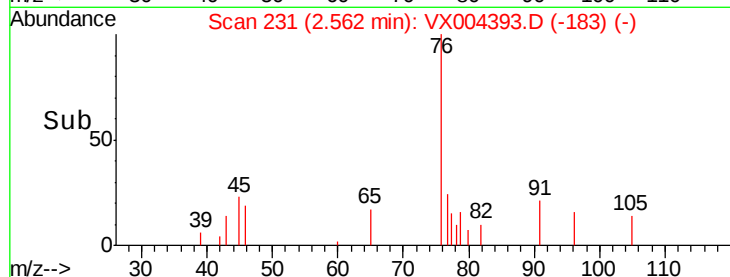
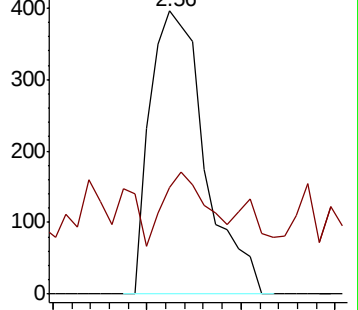
76 100

78 17.9 7.0 10.6#

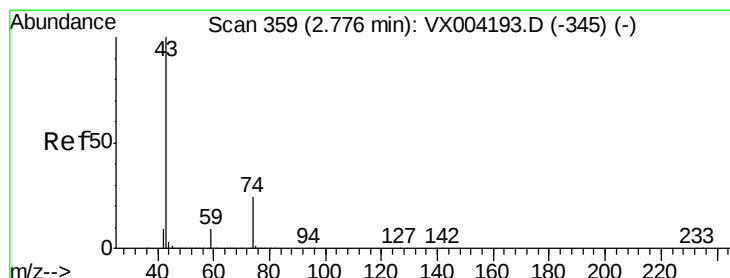


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#18

Methyl Acetate

Concen: 2.19 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX004393.D

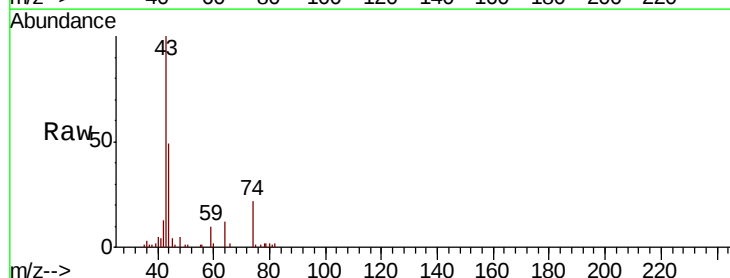
Acq: 06 Sep 2018 18:53

Tgt Ion: 43 Resp: 13052

Ion Ratio Lower Upper

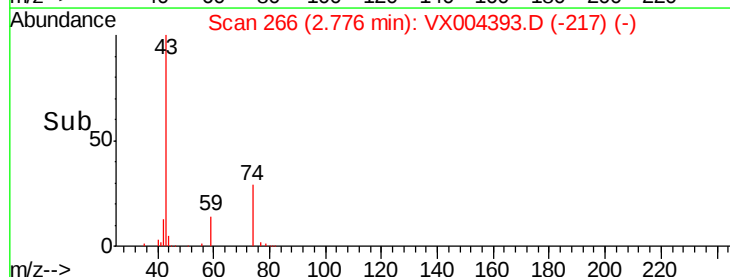
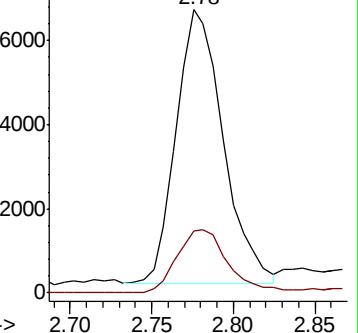
43 100

74 24.9 19.4 29.2

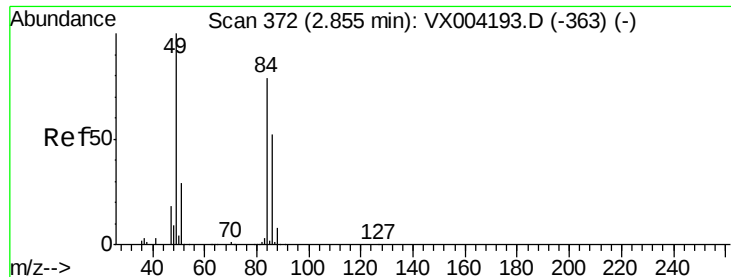


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



Time-->



#20

Methylene Chloride

Concen: 15.82 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.00 min

Lab File: VX004393.D

Acq: 06 Sep 2018 18:53

Instrument :

MSVOA_X

ClientSampleId :

CHRT-26957

Tot Ion: 84 Resp: 61168

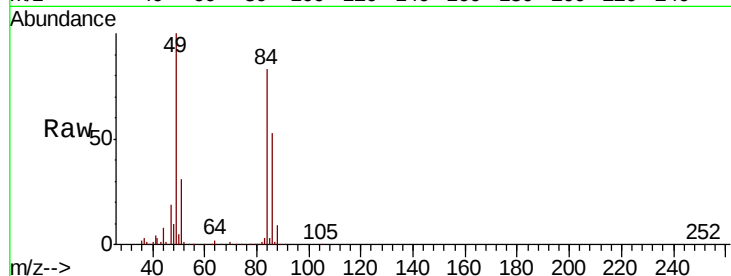
Ion Ratio Lower Upper

84 100

49 120.5 101.2 151.8

51 36.8 29.5 44.3

86 63.5 52.3 78.5

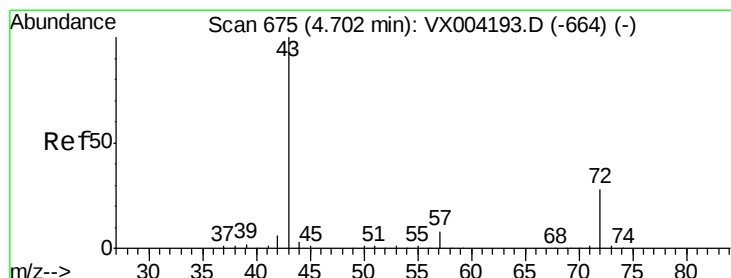
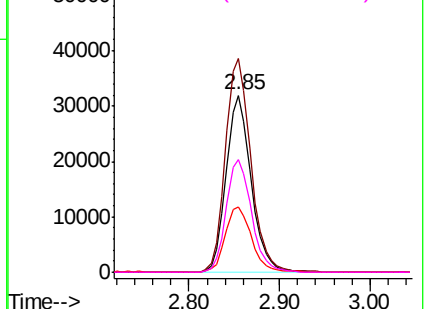
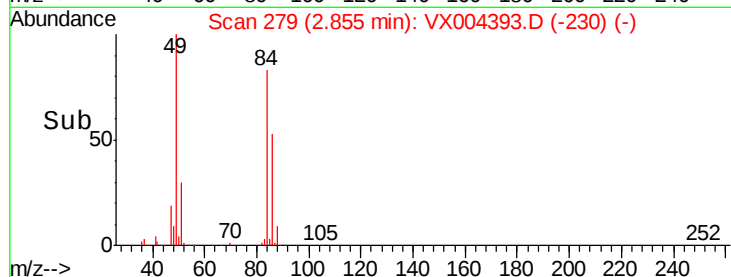


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#25

2-Butanone

Concen: Below Cal

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX004393.D

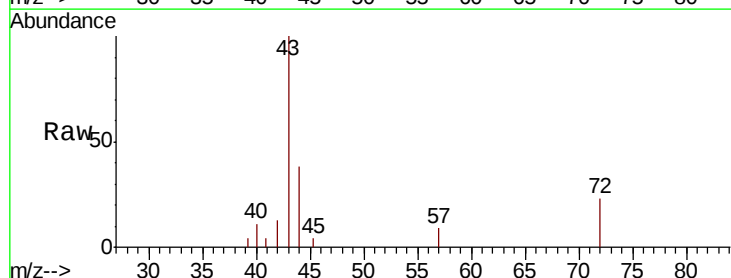
Acq: 06 Sep 2018 18:53

Tgt Ion: 43 Resp: 5336

Ion Ratio Lower Upper

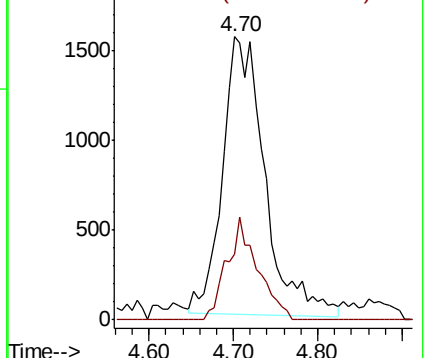
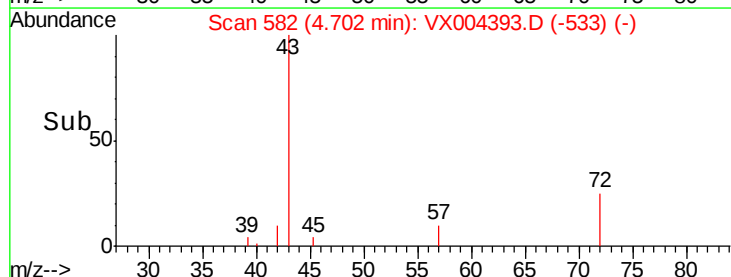
43 100

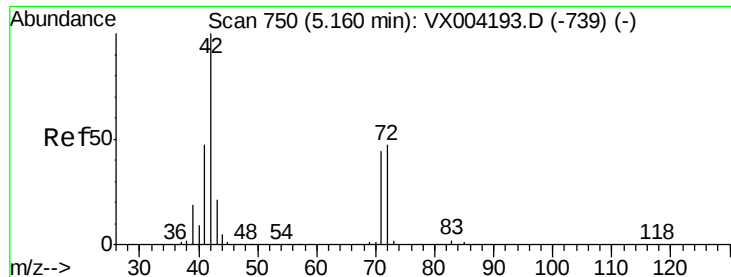
72 24.3 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

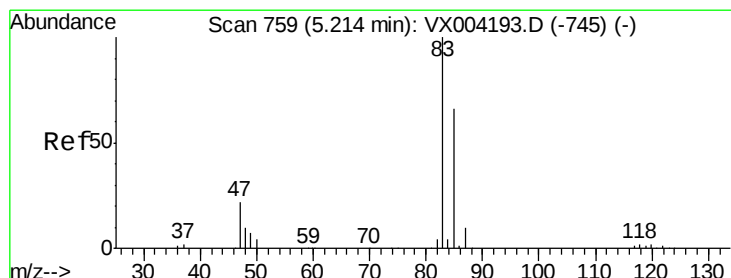
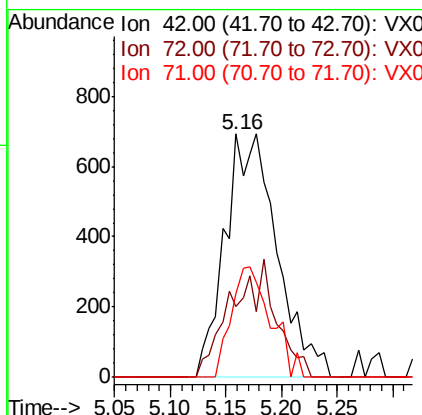
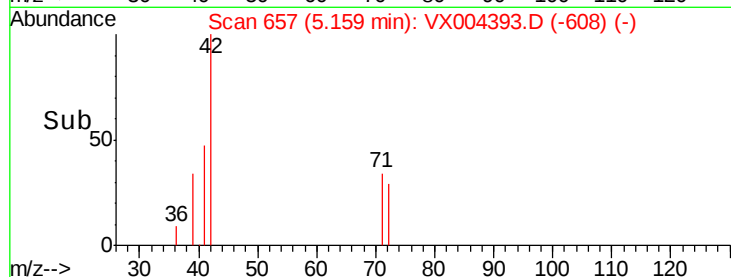
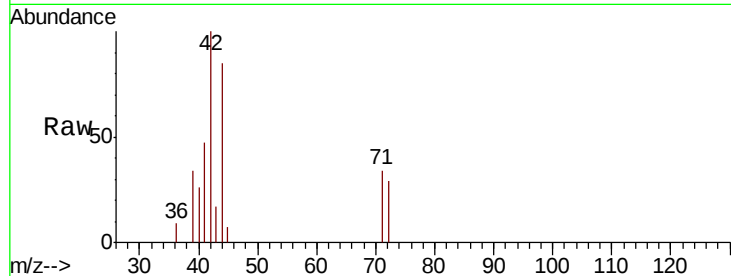




#29
Tetrahydrofuran
Concen: 1.30 ug/l
RT: 5.16 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX004393.D
Acq: 06 Sep 2018 18:53

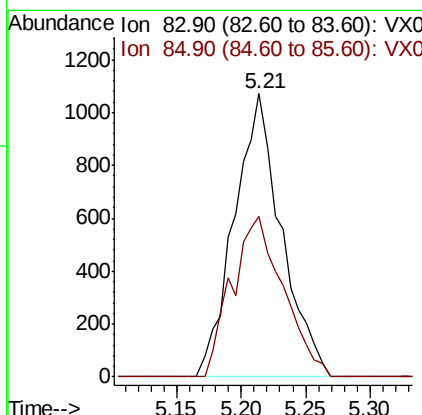
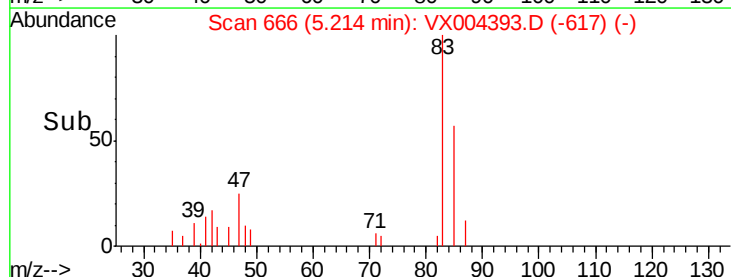
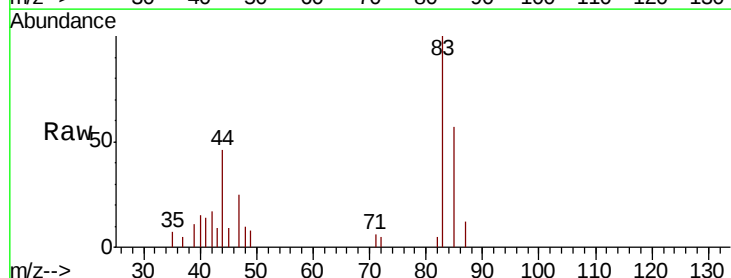
Instrument :
MSVOA_X
ClientSampleId :
CHRT-26957

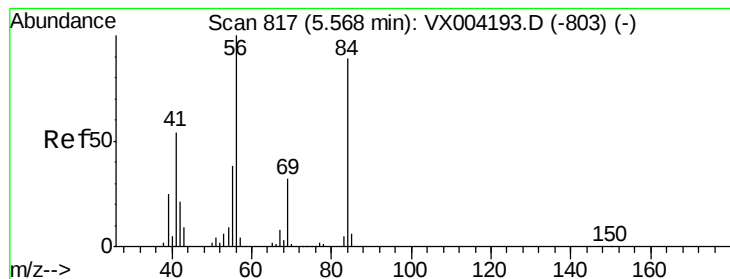
Tot Ion: 42 Resp: 2246
Ion Ratio Lower Upper
42 100
72 25.1 37.4 56.0#
71 34.3 34.5 51.7#



#30
Chloroform
Concen: 0.41 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004393.D
Acq: 06 Sep 2018 18:53

Tgt Ion: 83 Resp: 2714
Ion Ratio Lower Upper
83 100
85 56.6 52.6 79.0





#31

Cyclohexane

Concen: 0.96 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.09 min

Lab File: VX004393.D

Acq: 06 Sep 2018 18:53

Instrument :

MSVOA_X

ClientSampleId :

CHRT-26957

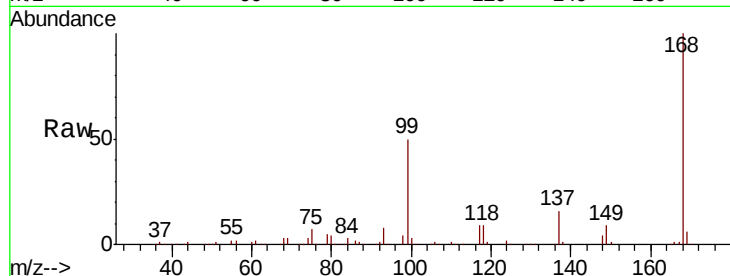
Tot Ion: 56 Resp: 5419

Ion Ratio Lower Upper

56 100

69 182.2 25.4 38.2#

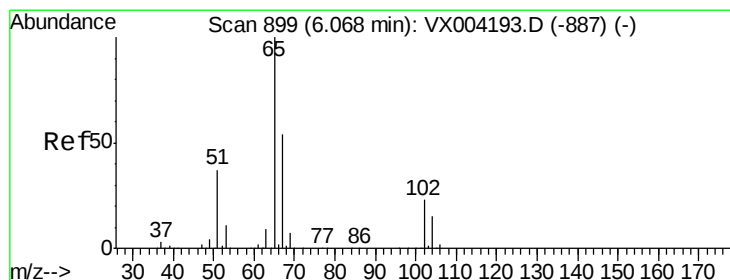
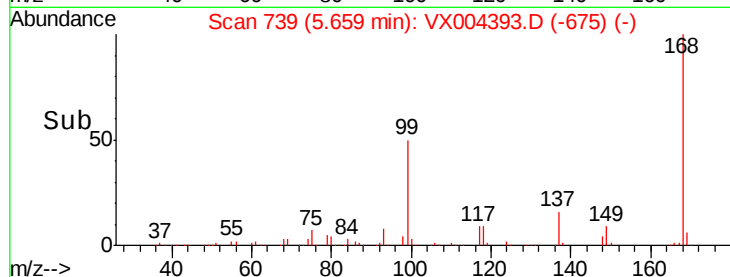
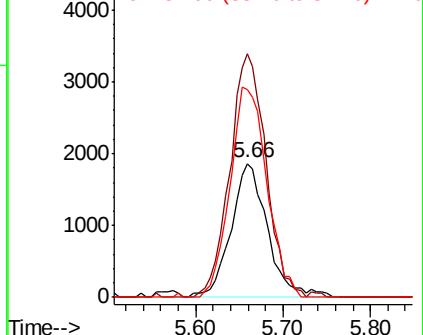
84 155.1 71.4 107.2#



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: 52.99 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004393.D

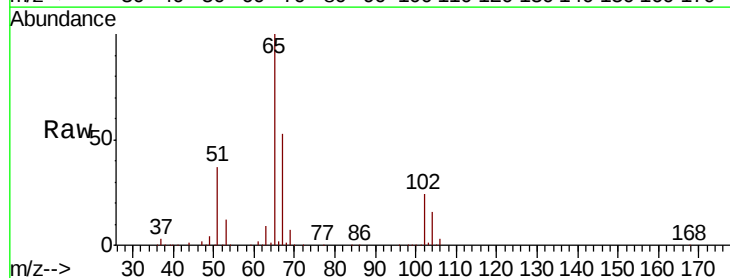
Acq: 06 Sep 2018 18:53

Tgt Ion: 65 Resp: 212833

Ion Ratio Lower Upper

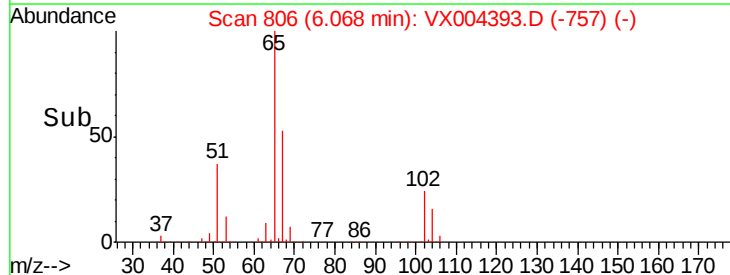
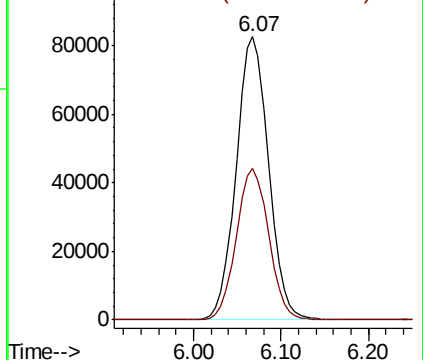
65 100

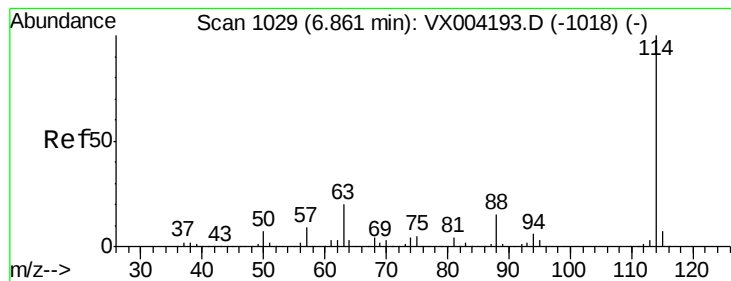
67 53.7 0.0 106.8



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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX004393.D

Acq: 06 Sep 2018 18:53

Instrument :

MSVOA_X

ClientSampled :

CHRT-26957

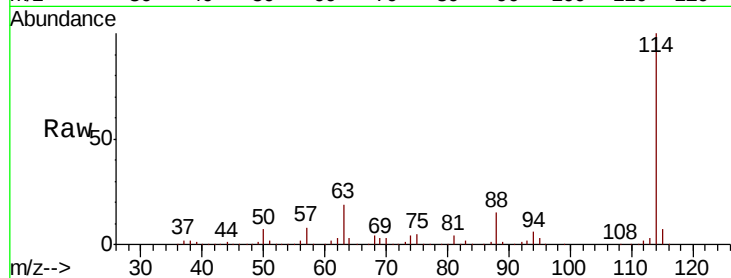
Tot Ion:114 Resp: 499824

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.0

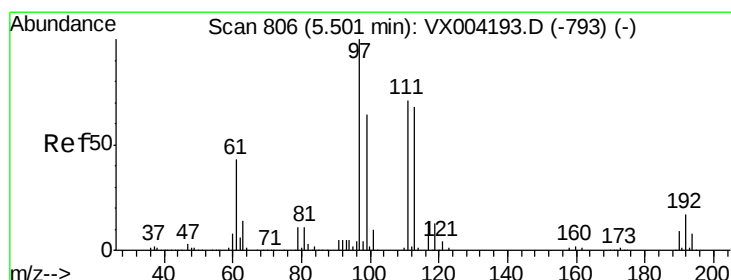
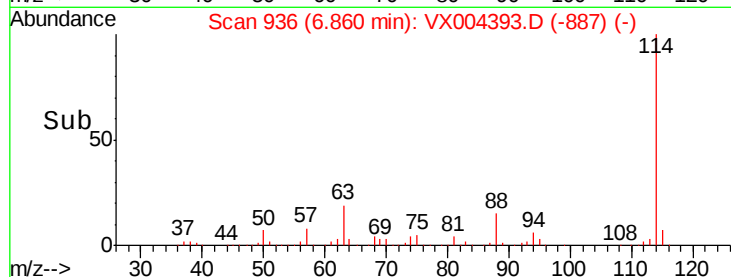
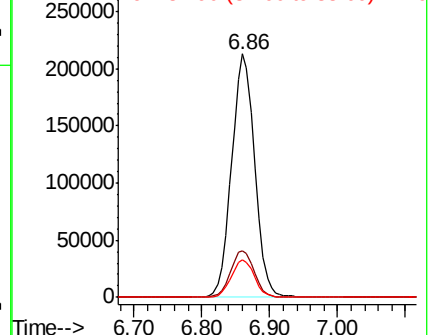
88 15.5 0.0 30.4



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: 51.25 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004393.D

Acq: 06 Sep 2018 18:53

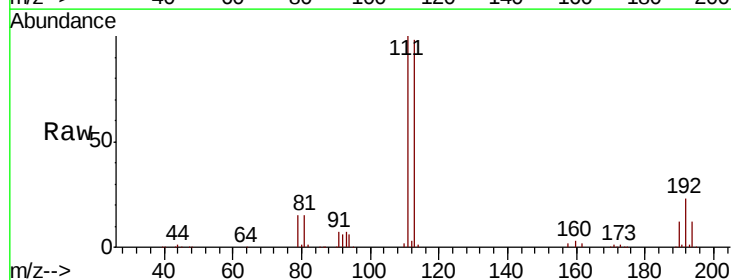
Tgt Ion:113 Resp: 190573

Ion Ratio Lower Upper

113 100

111 101.7 82.4 123.6

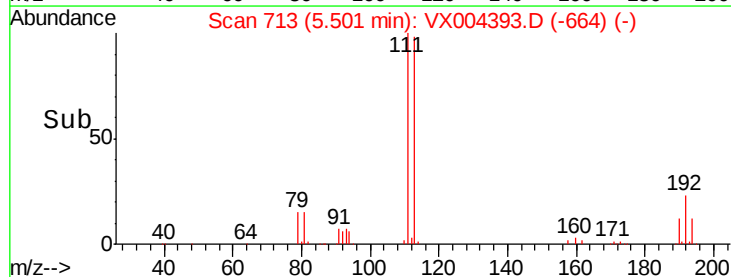
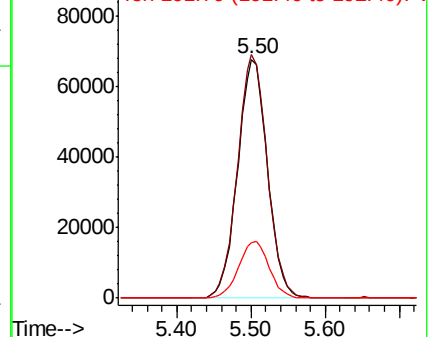
192 24.2 19.4 29.2

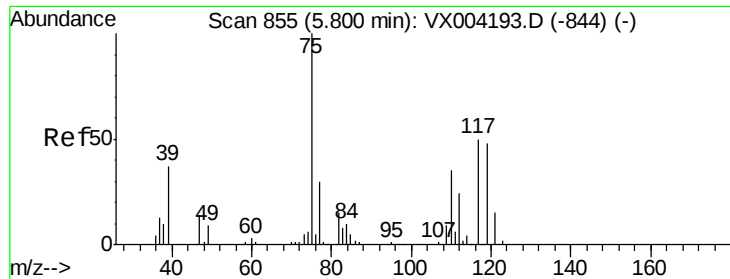


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.60 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX004393.D

Acq: 06 Sep 2018 18:53

Instrument :

MSVOA_X

ClientSampleId :

CHRT-26957

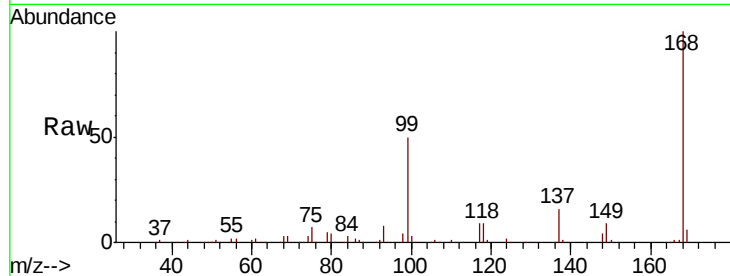
Tot Ion: 75 Resp: 20250

Ion Ratio Lower Upper

75 100

110 8.5 18.0 54.0#

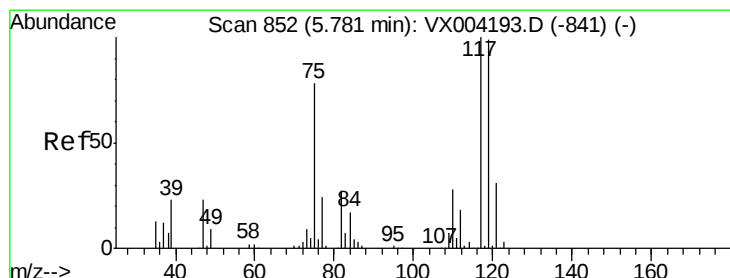
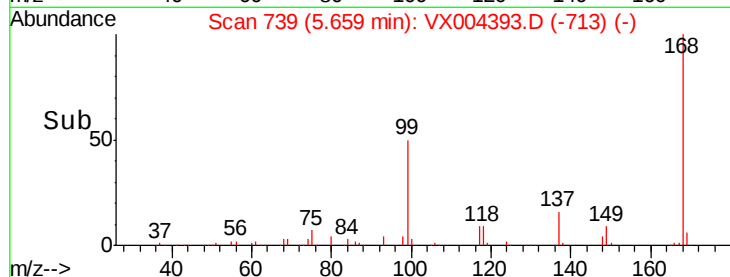
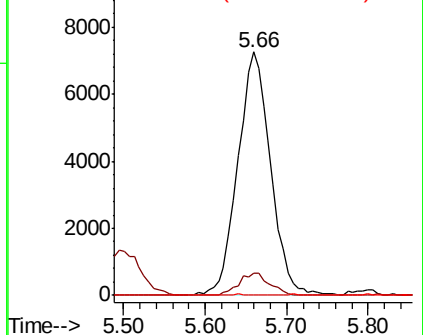
77 0.1 24.6 36.8#



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: 5.01 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX004393.D

Acq: 06 Sep 2018 18:53

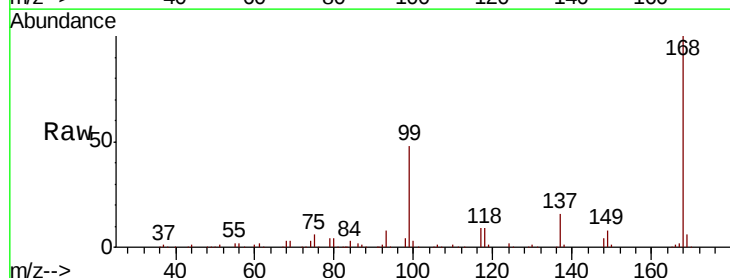
Tgt Ion: 117 Resp: 26505

Ion Ratio Lower Upper

117 100

119 5.6 78.8 118.2#

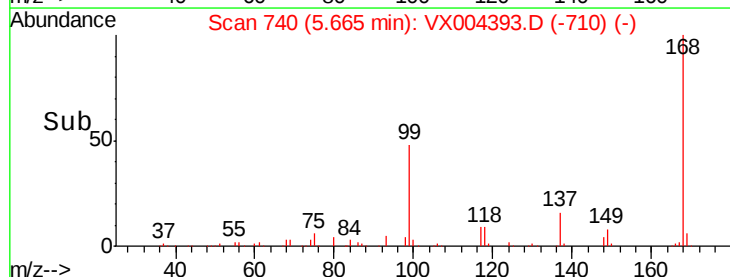
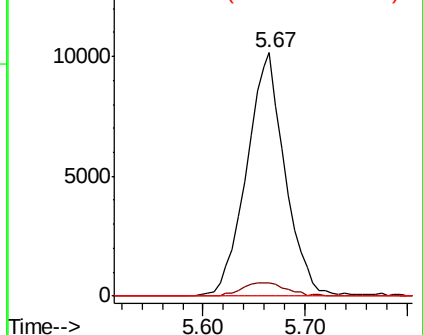
121 0.0 24.9 37.3#

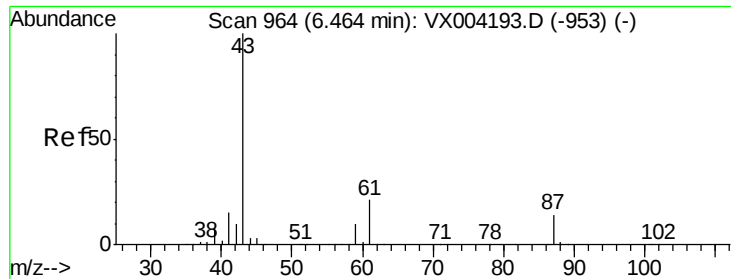


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



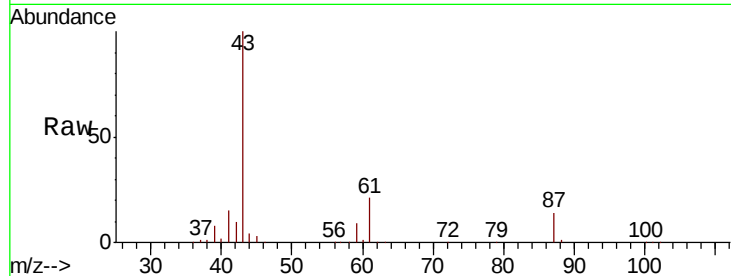


#43

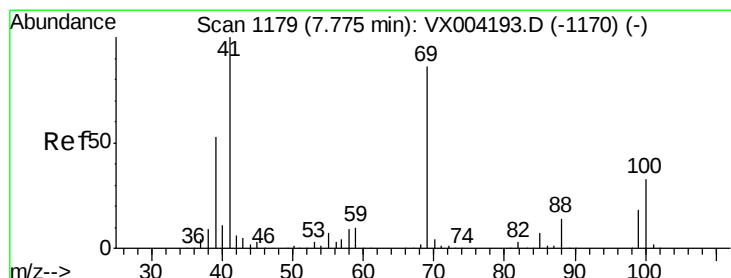
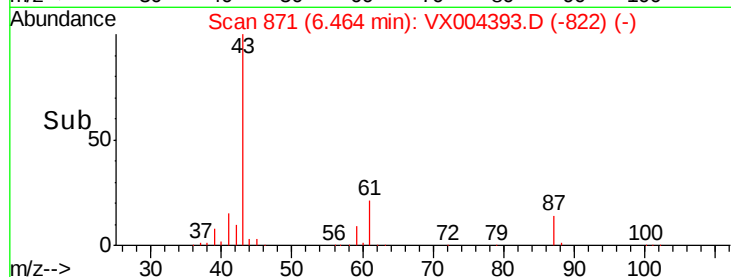
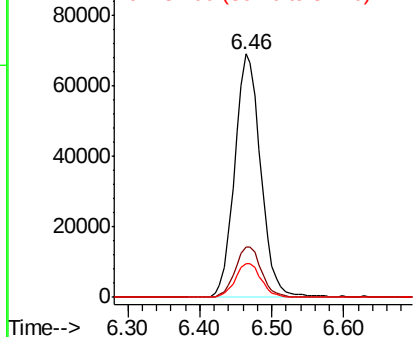
Isopropyl Acetate
 Concen: 20.41 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX004393.D
 Acq: 06 Sep 2018 18:53

Instrument :
 MSVOA_X
 ClientSampleId :
 CHRT-26957

Tot Ion: 43 Resp: 173333
 Ion Ratio Lower Upper
 43 100
 61 21.0 17.0 25.4
 87 14.0 11.4 17.2



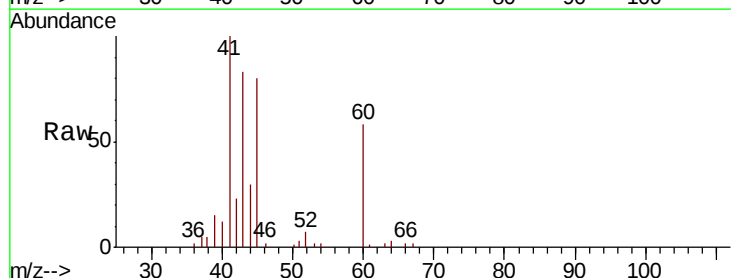
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



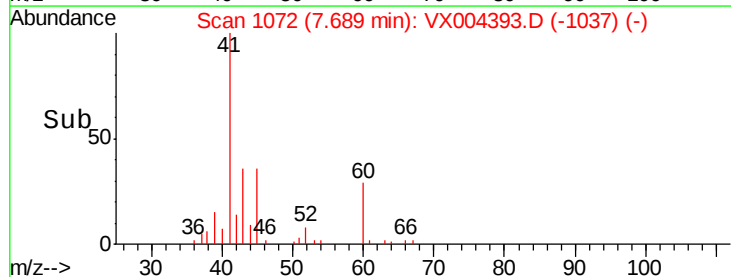
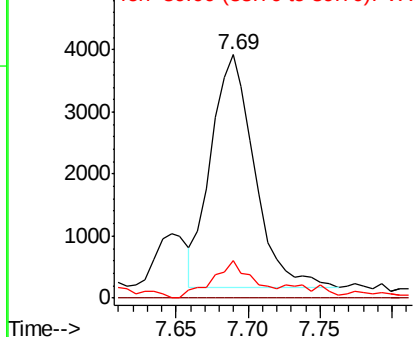
#48

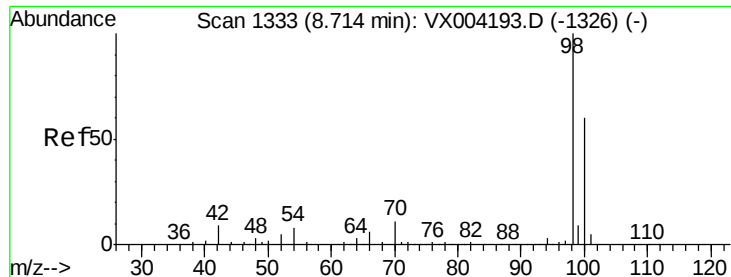
Methyl methacrylate
 Concen: 1.73 ug/l
 RT: 7.69 min Scan# 1072
 Delta R.T. -0.09 min
 Lab File: VX004393.D
 Acq: 06 Sep 2018 18:53

Tgt Ion: 41 Resp: 7866
 Ion Ratio Lower Upper
 41 100
 69 0.0 70.2 105.4#
 39 15.0 42.7 64.1#



Abundance Ion 41.00 (40.70 to 41.70): VX0
 Ion 69.00 (68.70 to 69.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#50

Toluene-d8

Concen: 51.39 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX004393.D

Acq: 06 Sep 2018 18:53

Instrument :

MSVOA_X

ClientSampled :

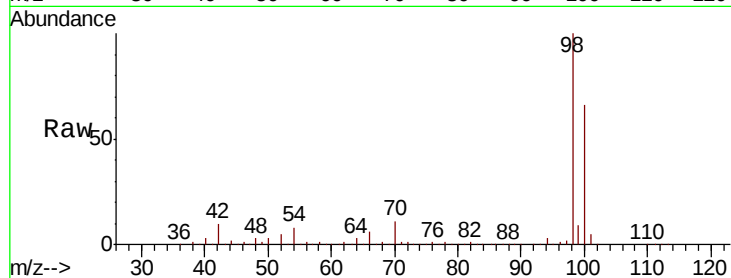
CHRT-26957

Tot Ion: 98 Resp: 721312

Ion Ratio Lower Upper

98 100

100 65.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

500000

400000

300000

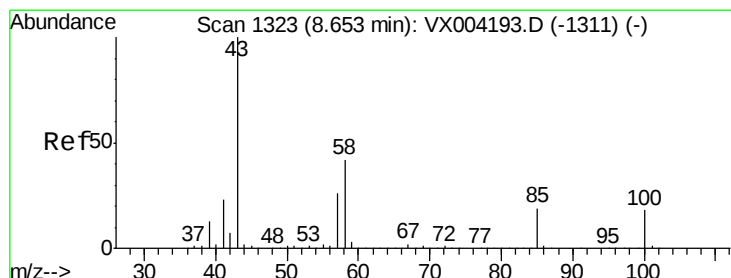
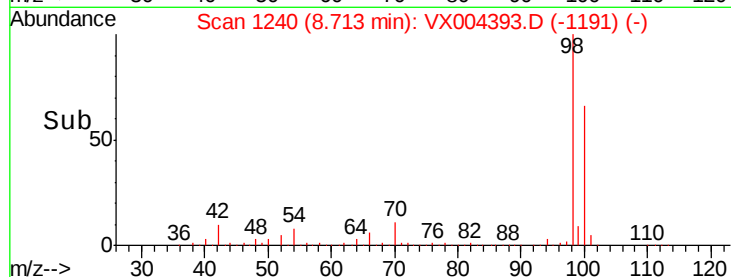
200000

100000

0

Time-->

8.60 8.70 8.80 8.90



#51

4-Methyl-2-Pentanone

Concen: 0.32 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VX004393.D

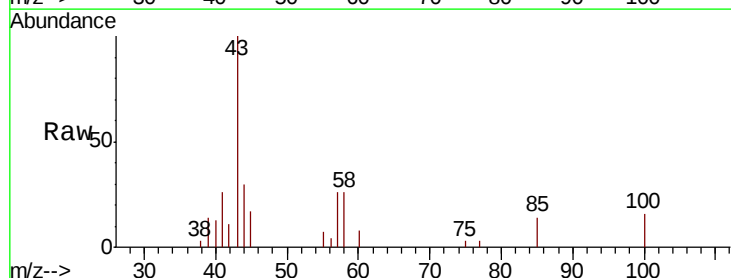
Acq: 06 Sep 2018 18:53

Tgt Ion: 43 Resp: 1970

Ion Ratio Lower Upper

43 100

58 58.9 33.1 49.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

2000

1500

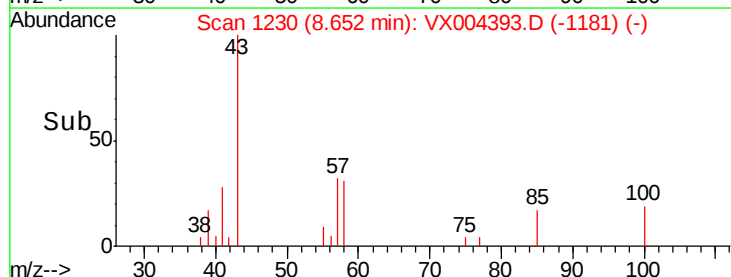
1000

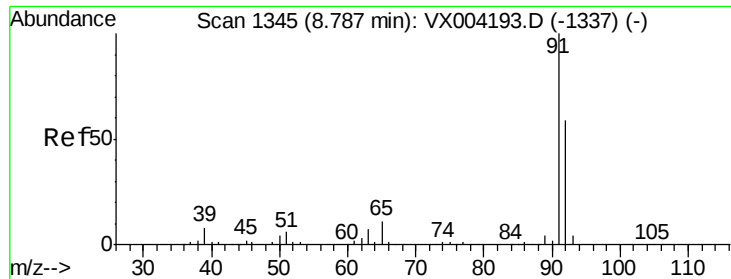
500

0

Time-->

8.62 8.64 8.66 8.68





#52

Toluene

Concen: 0.24 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004393.D

Acq: 06 Sep 2018 18:53

Instrument :

MSVOA_X

ClientSampleId :

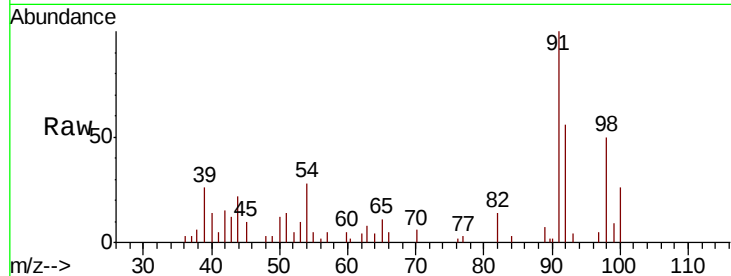
CHRT-26957

Tot Ion: 92 Resp: 2573

Ion Ratio Lower Upper

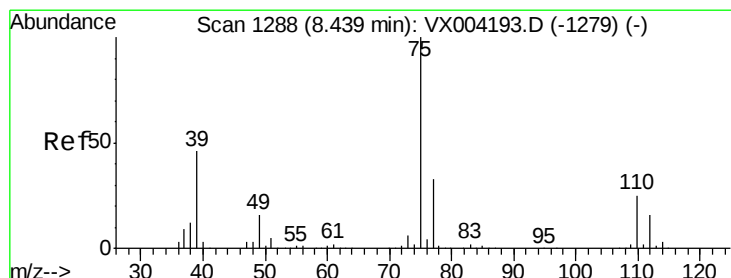
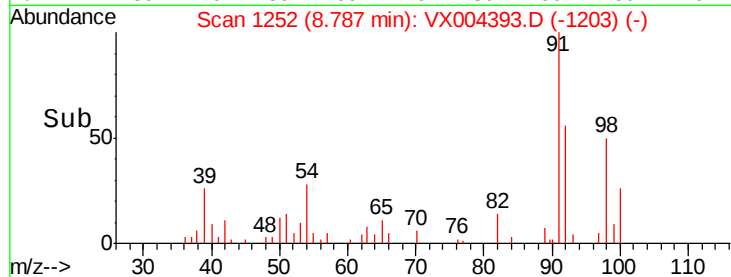
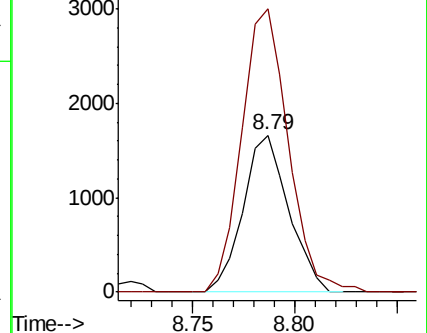
92 100

91 184.9 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 0.21 ug/l

RT: 8.62 min Scan# 1225

Delta R.T. 0.18 min

Lab File: VX004393.D

Acq: 06 Sep 2018 18:53

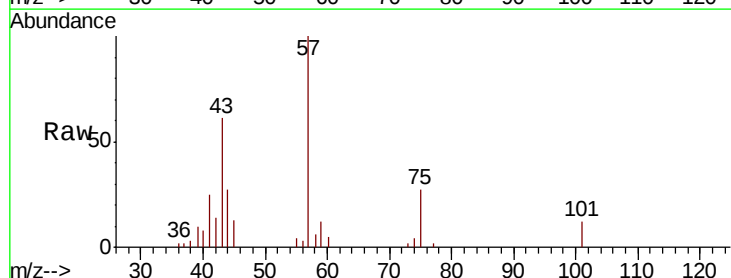
Tgt Ion: 75 Resp: 1343

Ion Ratio Lower Upper

75 100

77 7.0 26.2 39.2#

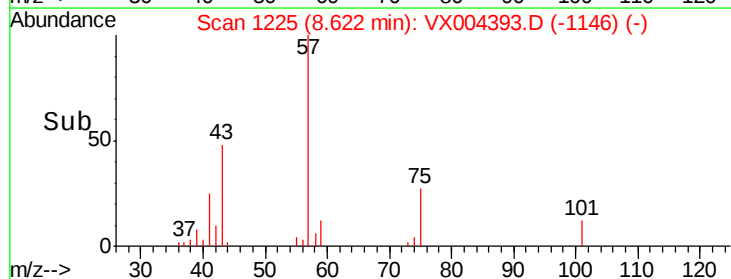
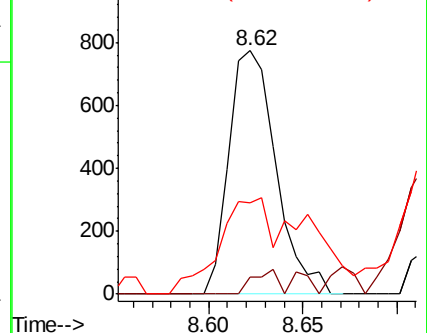
39 30.0 36.4 54.6#

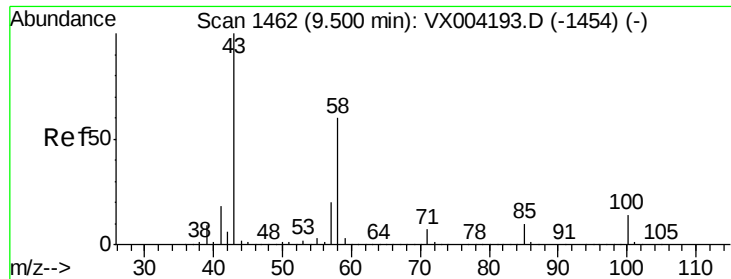


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

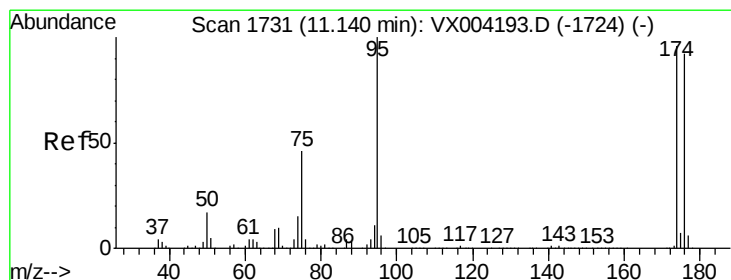
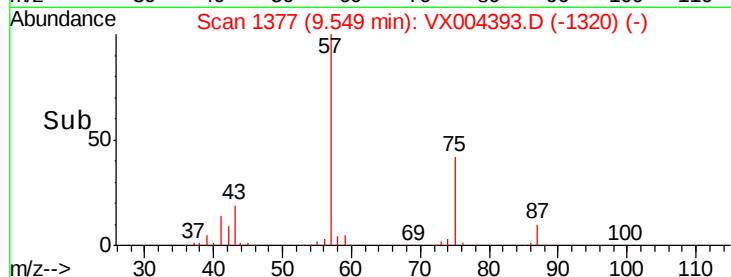
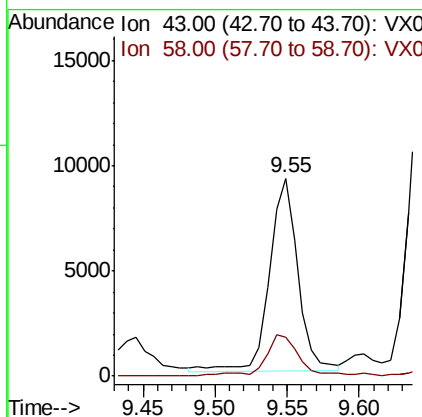
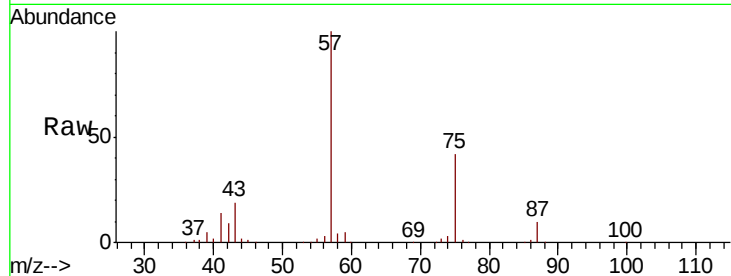




#59
2-Hexanone
Concen: 2.72 ug/l
RT: 9.55 min Scan# 1377
Delta R.T. 0.05 min
Lab File: VX004393.D
Acq: 06 Sep 2018 18:53

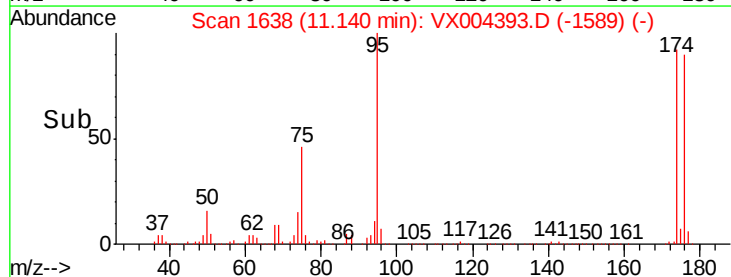
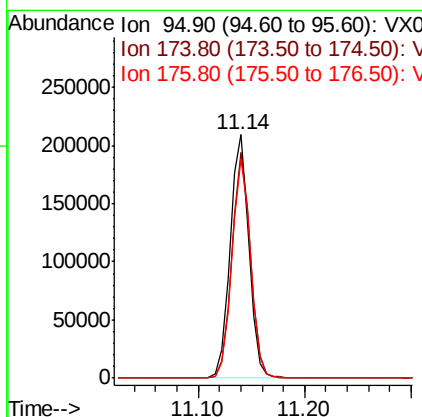
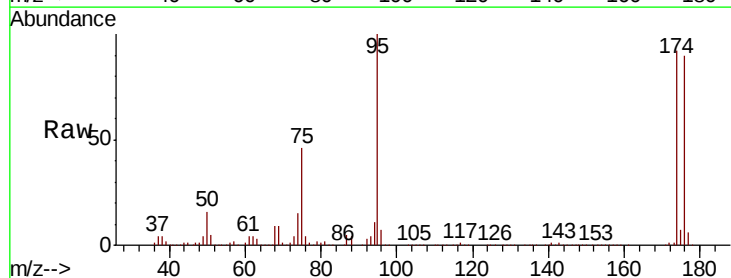
Instrument :
MSVOA_X
ClientSampleId :
CHRT-26957

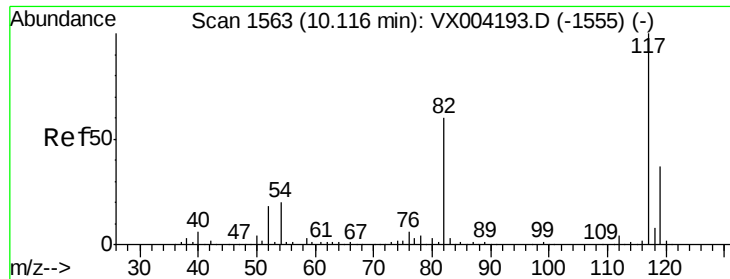
Tot Ion: 43 Resp: 12786
Ion Ratio Lower Upper
43 100
58 23.7 29.0 87.0#



#62
4-Bromofluorobenzene
Concen: 49.56 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004393.D
Acq: 06 Sep 2018 18:53

Tgt Ion: 95 Resp: 259555
Ion Ratio Lower Upper
95 100
174 92.2 0.0 185.2
176 89.6 0.0 178.6

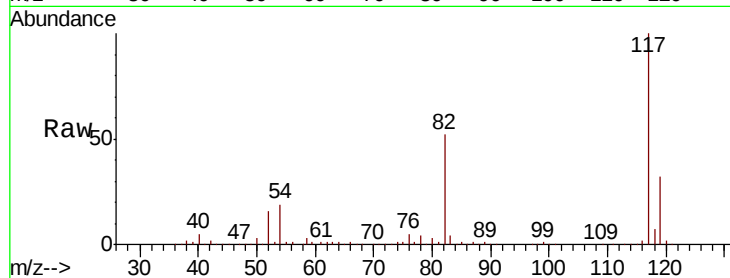




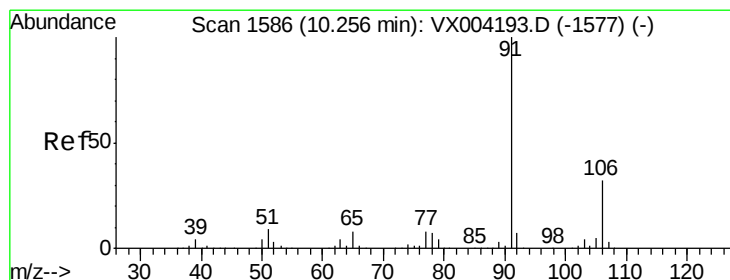
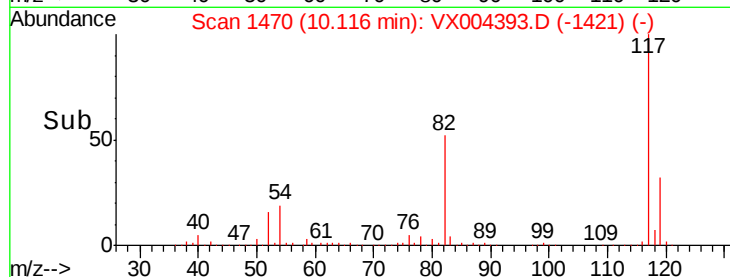
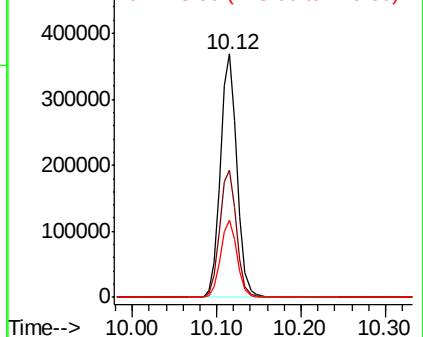
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004393.D
Acq: 06 Sep 2018 18:53

Instrument :
MSVOA_X
ClientSampleId :
CHRT-26957

Tot Ion:117 Resp: 501016
Ion Ratio Lower Upper
117 100
82 52.3 47.8 71.6
119 31.9 29.3 43.9

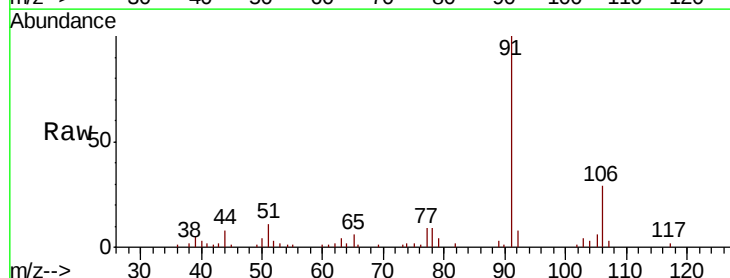


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

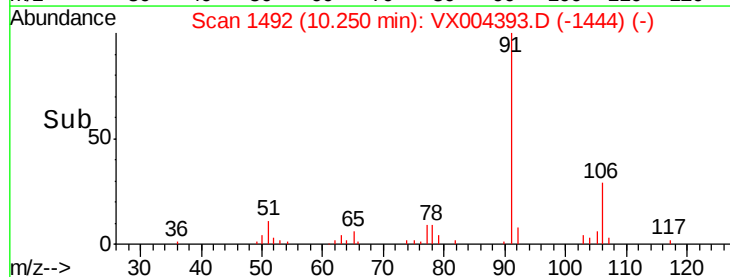
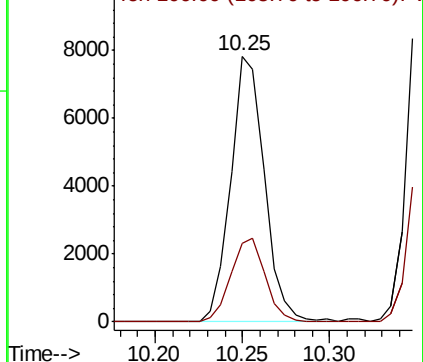


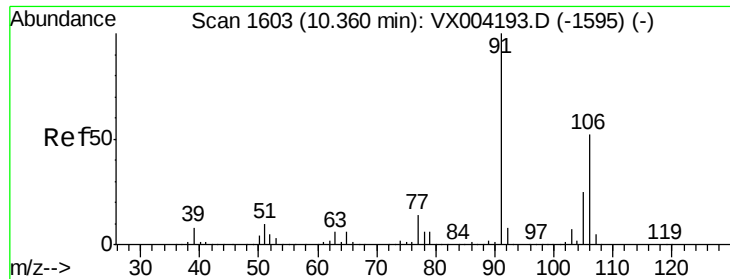
#67
Ethyl Benzene
Concen: 0.52 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX004393.D
Acq: 06 Sep 2018 18:53

Tgt Ion: 91 Resp: 10526
Ion Ratio Lower Upper
91 100
106 29.5 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

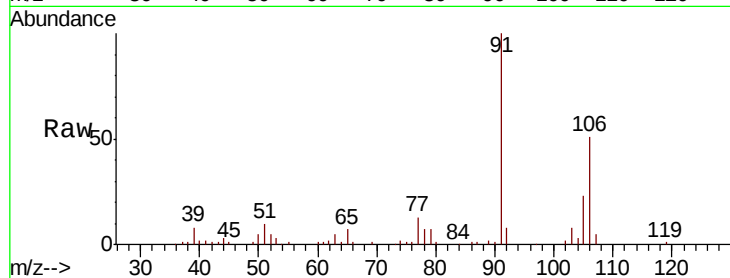




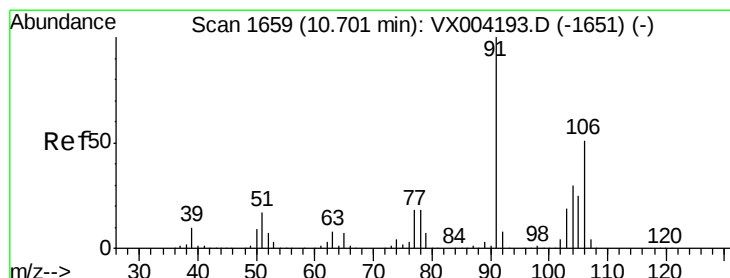
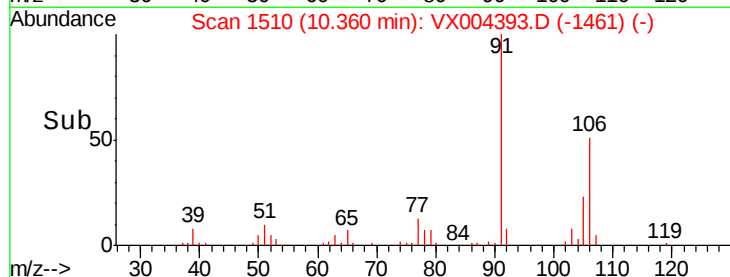
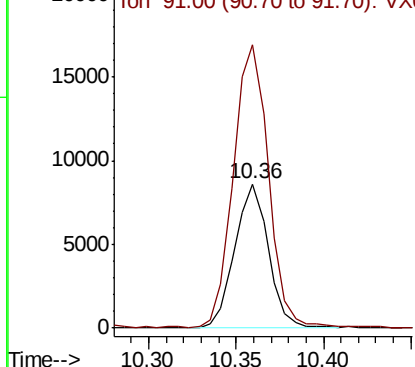
#68
m/p-Xvlenes
Concen: 1.44 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004393.D
Acq: 06 Sep 2018 18:53

Instrument :
MSVOA_X
ClientSampleId :
CHRT-26957

Tot Ion:106 Resp: 11507
Ion Ratio Lower Upper
106 100
91 207.3 157.1 235.7

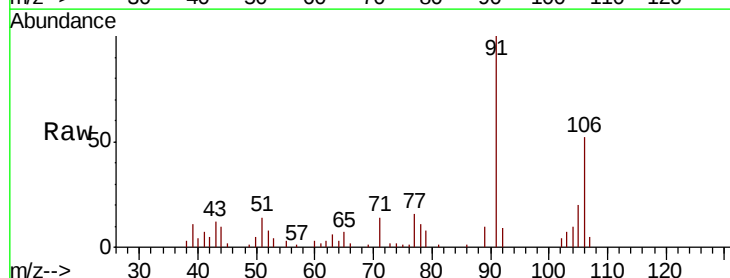


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

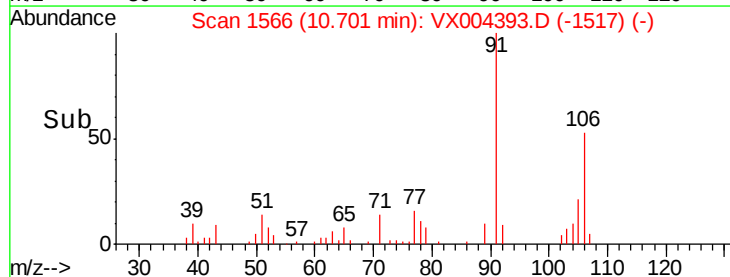
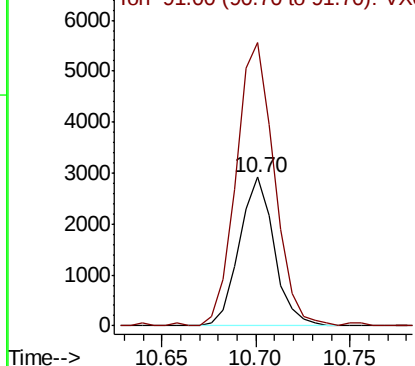


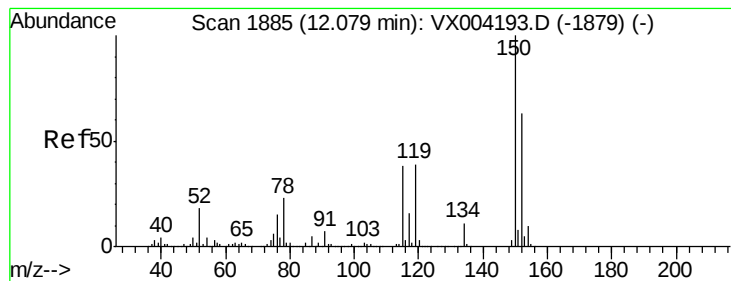
#69
o-Xylene
Concen: 0.49 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004393.D
Acq: 06 Sep 2018 18:53

Tgt Ion:106 Resp: 3728
Ion Ratio Lower Upper
106 100
91 209.1 105.1 315.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004393.D

Acq: 06 Sep 2018 18:53

Instrument :

MSVOA_X

ClientSampleId :

CHRT-26957

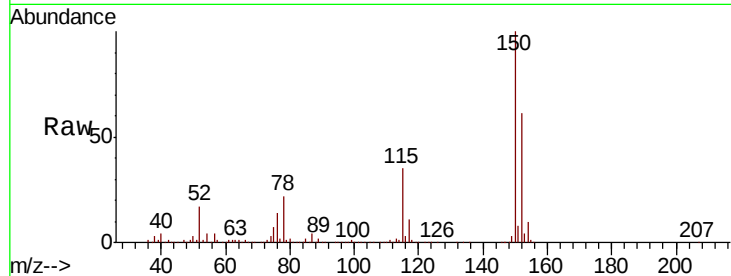
Tot Ion:152 Resp: 275718

Ion Ratio Lower Upper

152 100

115 55.0 39.0 117.0

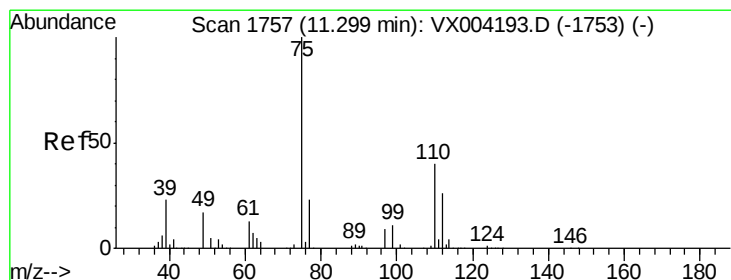
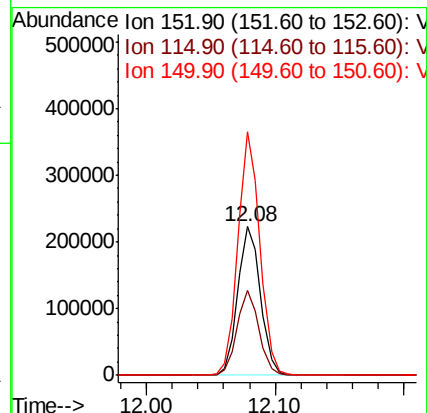
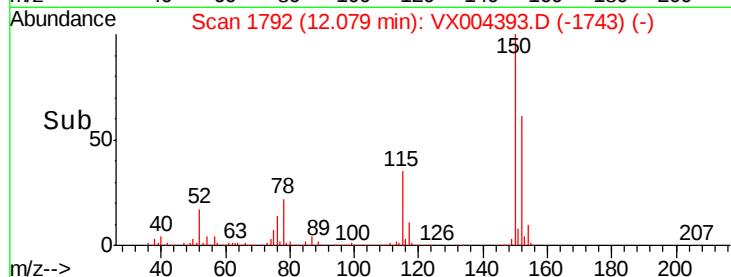
150 157.5 0.0 351.0



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: 21.83 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX004393.D

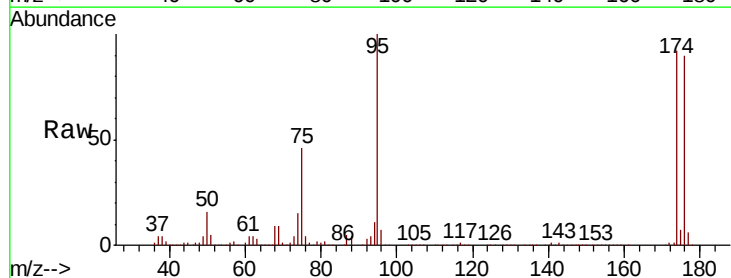
Acq: 06 Sep 2018 18:53

Tgt Ion: 75 Resp: 122388

Ion Ratio Lower Upper

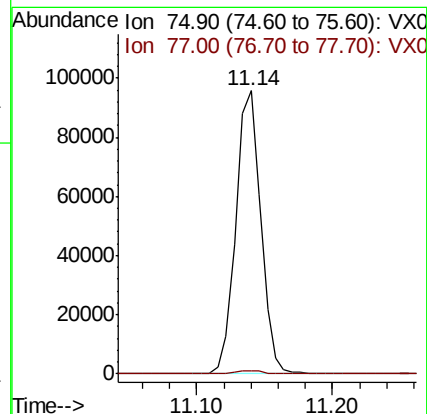
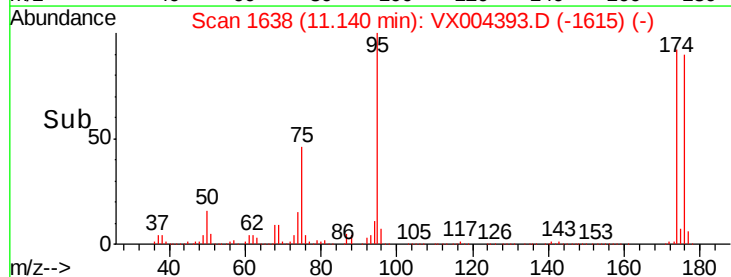
75 100

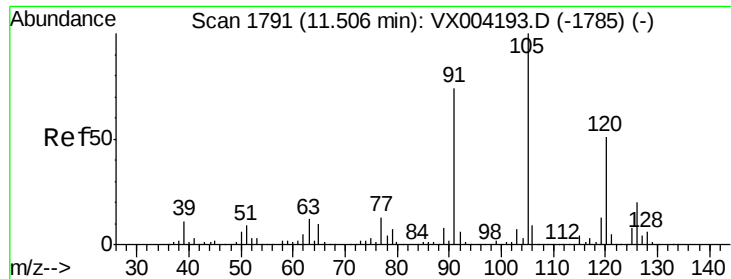
77 1.4 20.2 60.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

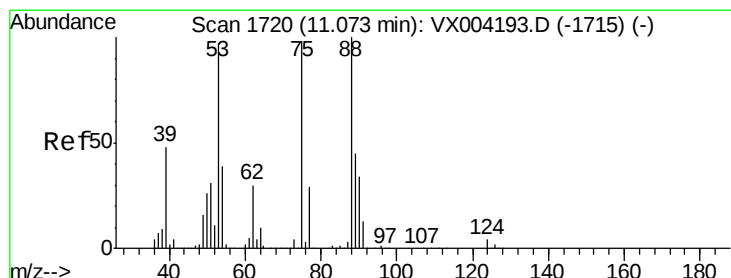
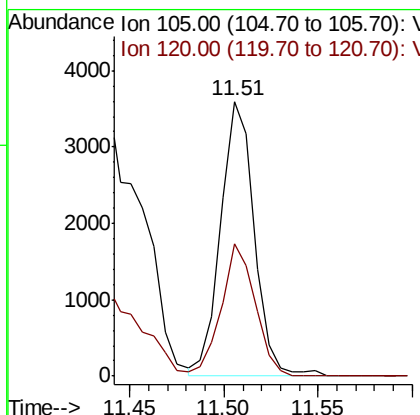
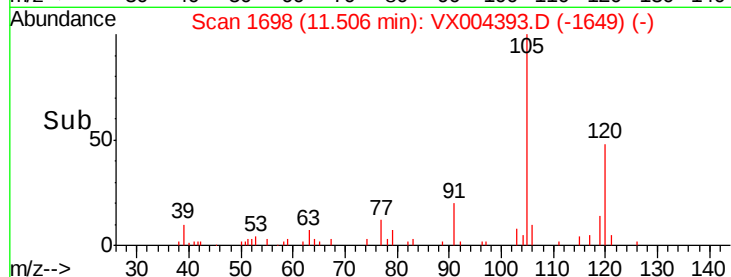
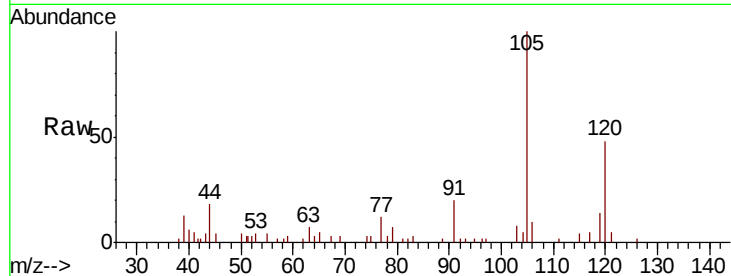




#80
 1,3,5-Trimethylbenzene
 Concen: 0.30 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX004393.D
 Acq: 06 Sep 2018 18:53

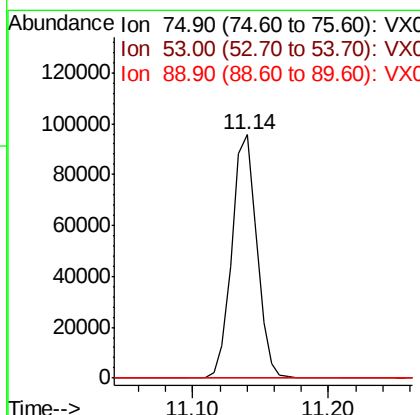
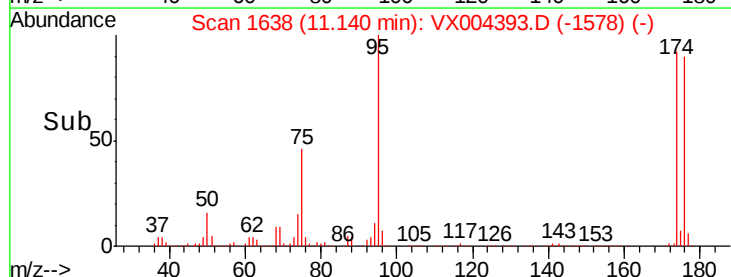
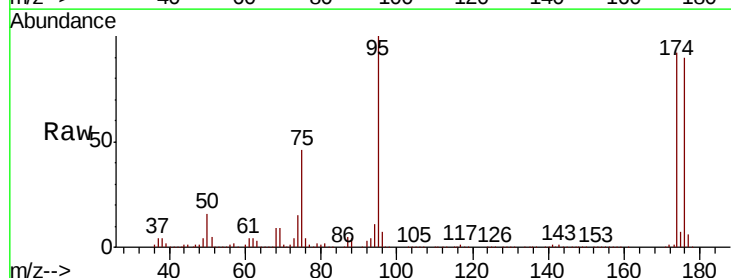
Instrument :
 MSVOA_X
 ClientSampleId :
 CHRT-26957

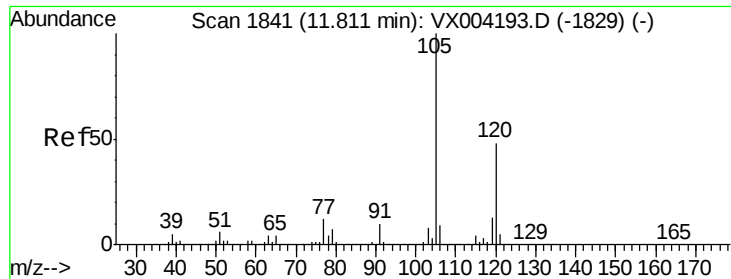
Tot Ion:105 Resp: 4469
 Ion Ratio Lower Upper
 105 100
 120 48.4 25.6 76.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.81 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.07 min
 Lab File: VX004393.D
 Acq: 06 Sep 2018 18:53

Tgt Ion: 75 Resp: 122388
 Ion Ratio Lower Upper
 75 100
 53 0.2 80.1 120.1#
 89 0.0 37.2 55.8#

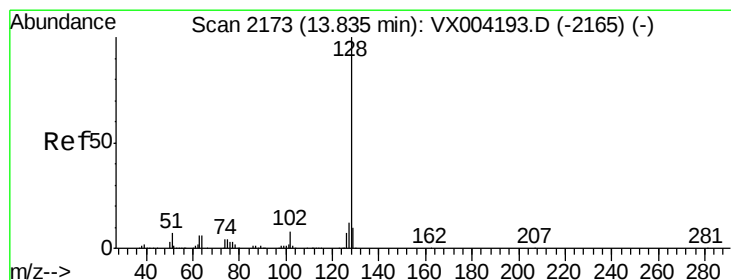
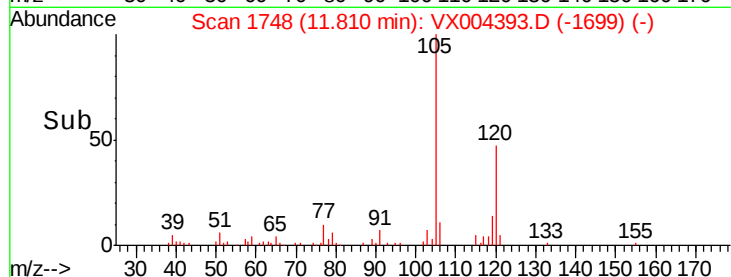
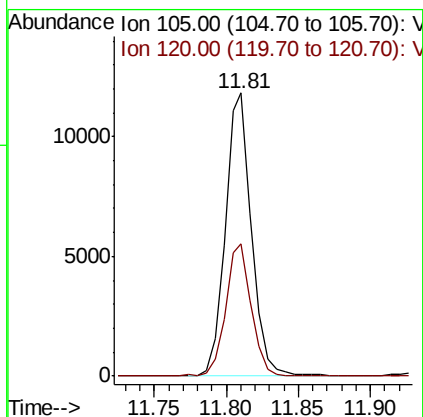
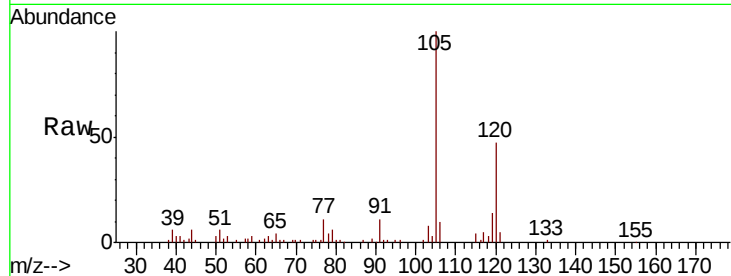




#84
 1,2,4-Trimethylbenzene
 Concen: 0.98 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004393.D
 Acq: 06 Sep 2018 18:53

Instrument :
 MSVOA_X
 ClientSampleId :
 CHRT-26957

Tot Ion:105 Resp: 15044
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.2 69.6



#95
 Naphthalene
 Concen: 7.46 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX004393.D
 Acq: 06 Sep 2018 18:53

Tgt Ion:128 Resp: 134247
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.2 15.2
 129 11.3 8.6 12.8

