

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081718\
 Data File : VX004140.D
 Acq On : 17 Aug 2018 18:49
 Operator : JC/MD
 Sample : PB112172TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 18 01:35:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	253682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	412377	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	385307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	207534	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	188937	52.86	ug/l	0.00
Spiked Amount			Recovery	=	105.72%	
35) Dibromofluoromethane	5.51	113	162391	52.62	ug/l	0.00
Spiked Amount			Recovery	=	105.24%	
50) Toluene-d8	8.72	98	599618	47.92	ug/l	0.00
Spiked Amount			Recovery	=	95.84%	
62) 4-Bromofluorobenzene	11.14	95	203596	44.86	ug/l	0.00
Spiked Amount			Recovery	=	89.72%	

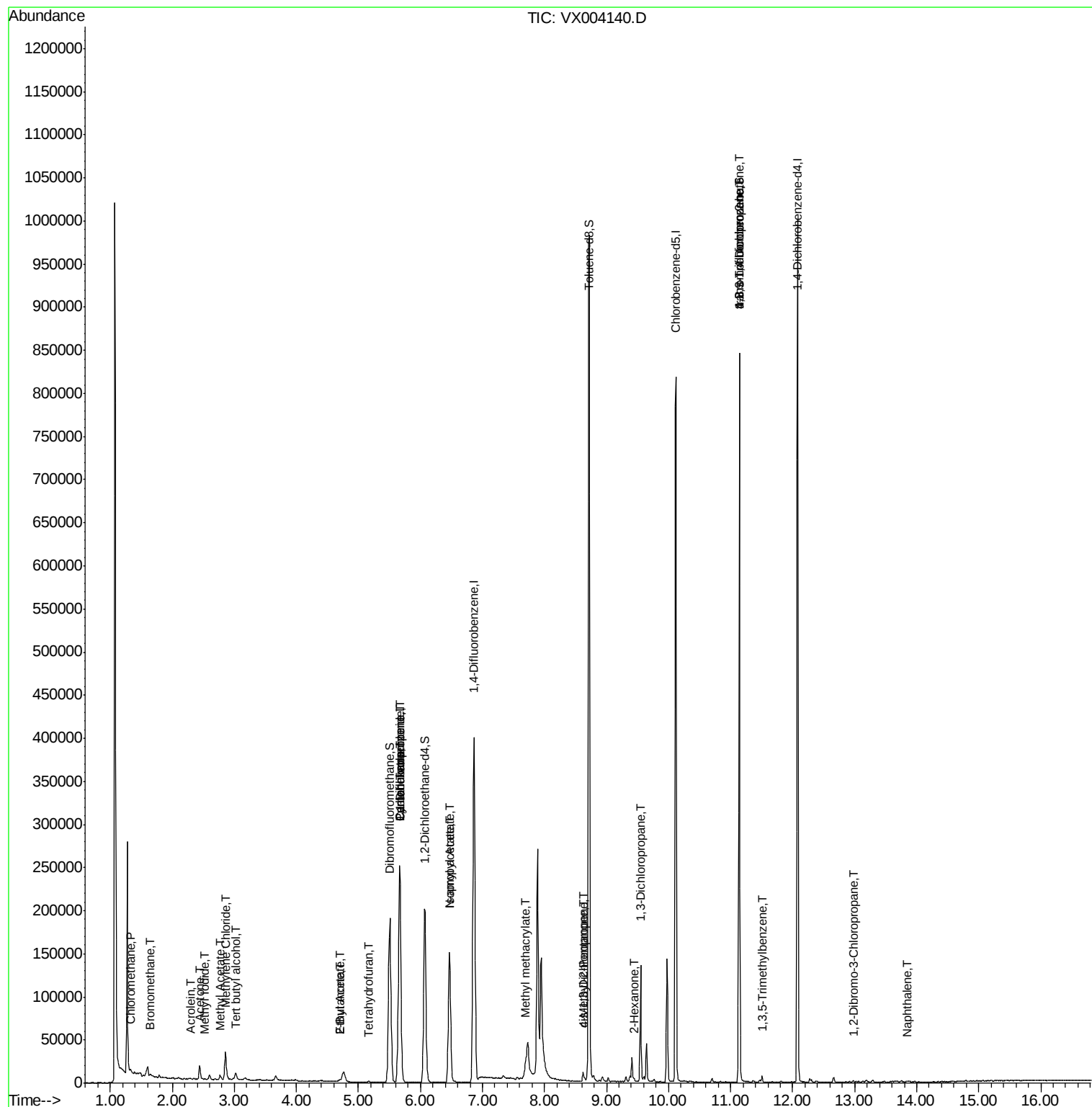
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	5592	1.85	ug/l	100
5) Bromomethane	1.65	94	1130	0.50	ug/l	# 73
6) Chloroethane	1.72	64	488	Below Cal	#	56
10) Methyl Iodide	2.52	142	240	5.08	ug/l	# 52
11) Tert butyl alcohol	3.02	59	4780	6.64	ug/l	# 78
13) Acrolein	2.29	56	260	11.46	ug/l	# 15
16) Acetone	2.44	43	16740	9.01	ug/l	95
18) Methyl Acetate	2.78	43	6303	1.53	ug/l	94
20) Methylene Chloride	2.86	84	14858	4.34	ug/l	95
25) 2-Butanone	4.71	43	4103	1.36	ug/l	93
29) Tetrahydrofuran	5.17	42	1298	0.84	ug/l	# 90
31) Cyclohexane	5.67	56	5044	1.02	ug/l	# 1
36) 1,1-Dichloropropene	5.67	75	17176	3.66	ug/l	# 50
37) Ethyl Acetate	4.71	43	4103	0.80	ug/l	# 67
38) Carbon Tetrachloride	5.66	117	22443	4.92	ug/l	# 14
43) Isopropyl Acetate	6.47	43	195041	25.89	ug/l	99
48) Methyl methacrylate	7.68	41	10858	2.86	ug/l	# 19
51) 4-Methyl-2-Pentanone	8.62	43	3310	0.54	ug/l	# 49
54) cis-1,3-Dichloropropene	8.62	75	1590	0.30	ug/l	# 84
57) 1,3-Dichloropropane	9.55	76	1255	0.21	ug/l	# 42
59) 2-Hexanone	9.45	43	1827	0.39	ug/l	# 22
74) N-amyl acetate	6.47	43	195041	29.53	ug/l	# 99
76) 1,2,3-Trichloropropane	11.14	75	98878	23.76	ug/l	# 36
80) 1,3,5-Trimethylbenzene	11.51	105	2826	0.25	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.14	75	98878	73.54	ug/l	# 9
92) 1,2-Dibromo-3-Chloropropan	12.98	75	201	0.23	ug/l	# 1
95) Naphthalene	13.84	128	300	1.16	ug/l	# 78

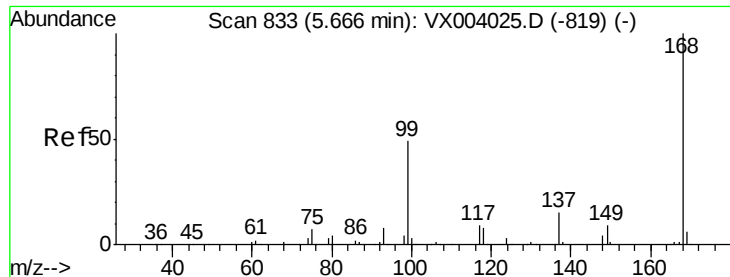
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX081718\
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Acq On : 17 Aug 2018 18:49
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Quant Time: Aug 18 01:35:26 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004140.D

Acq: 17 Aug 2018 18:49

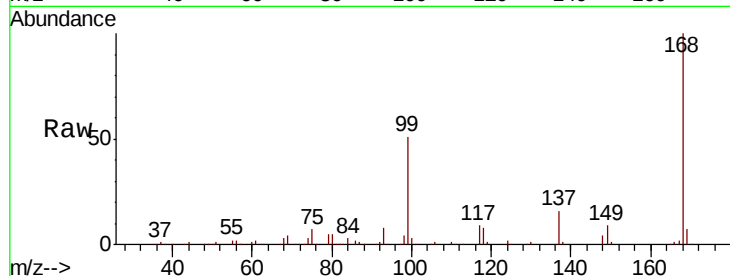
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 253682

Ion Ratio Lower Upper

168 100

99 51.2 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

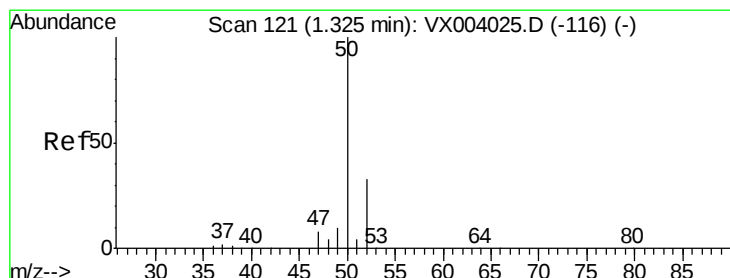
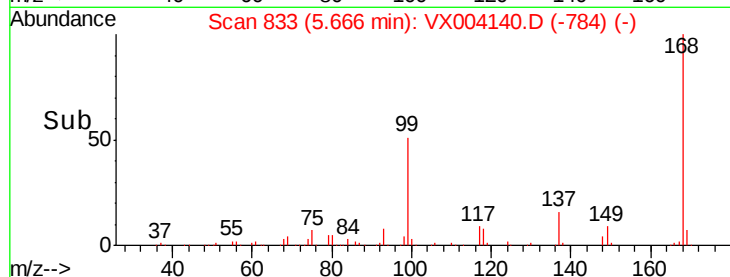
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 1.85 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX004140.D

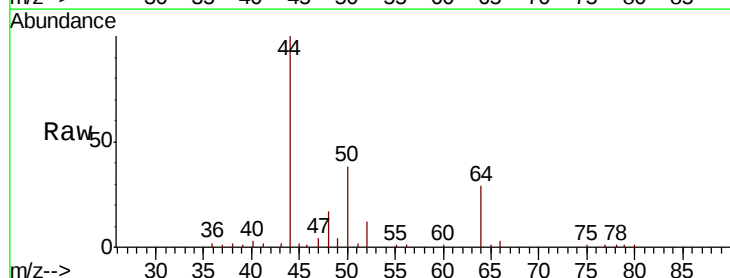
Acq: 17 Aug 2018 18:49

Tgt Ion: 50 Resp: 5592

Ion Ratio Lower Upper

50 100

52 33.4 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

4000

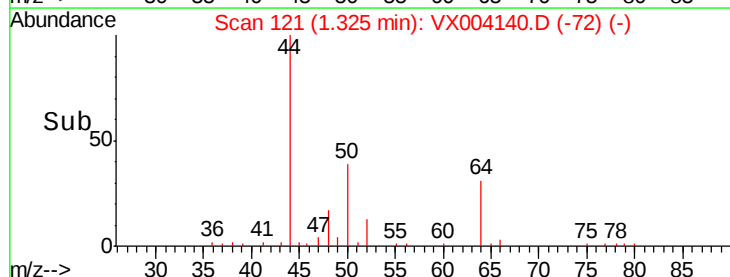
3000

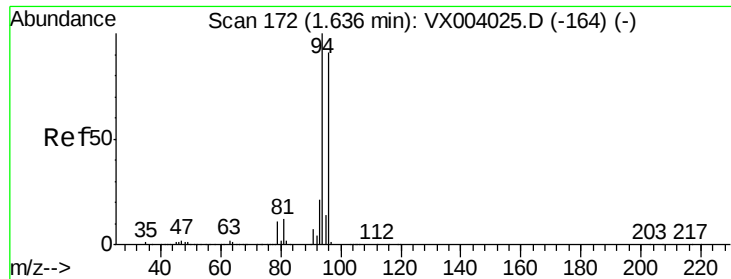
2000

1000

0

Time--> 1.25 1.30 1.35 1.40 1.45





#5

Bromomethane

Concen: 0.50 ug/l

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX004140.D

Acq: 17 Aug 2018 18:49

Instrument :

MSVOA_X

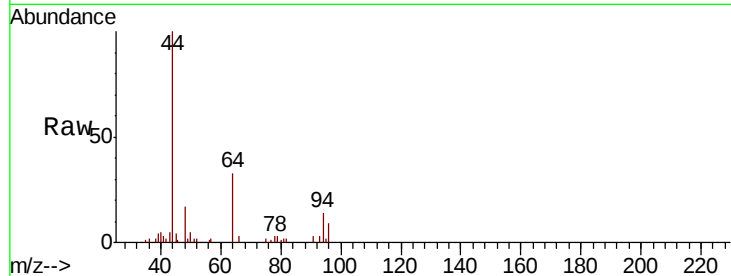
ClientSampled :

Tot Ion: 94 Resp: 1130

Ion Ratio Lower Upper

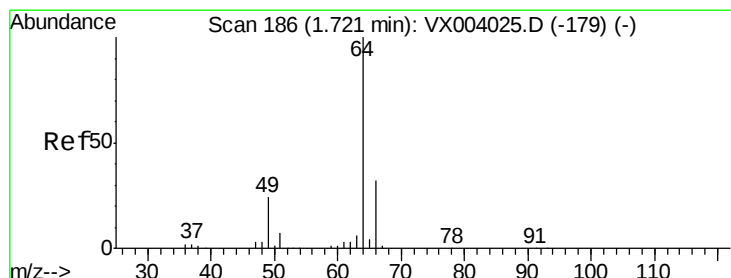
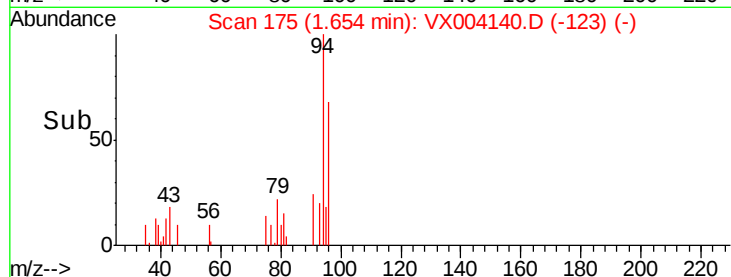
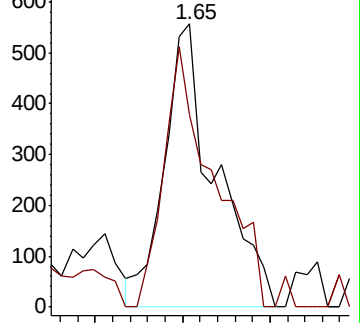
94 100

96 67.9 75.2 112.8#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX004140.D

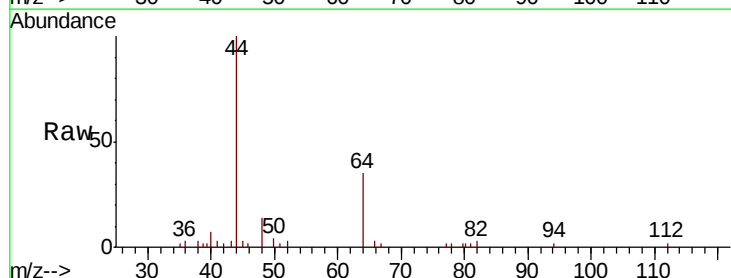
Acq: 17 Aug 2018 18:49

Tgt Ion: 64 Resp: 488

Ion Ratio Lower Upper

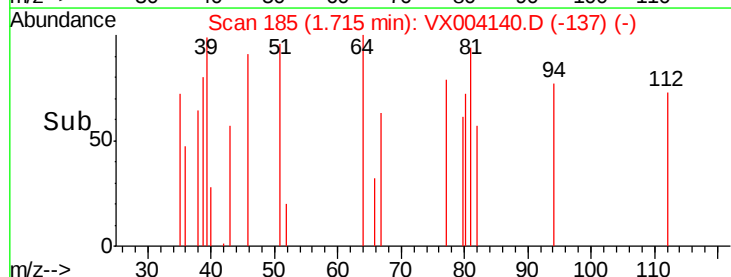
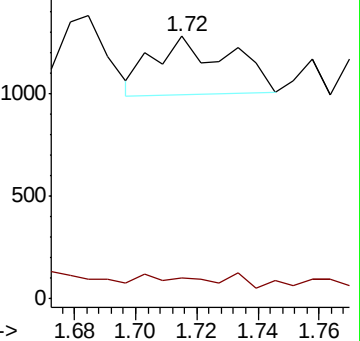
64 100

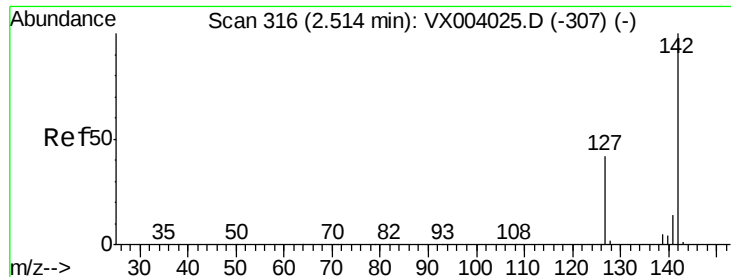
66 8.0 26.5 39.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

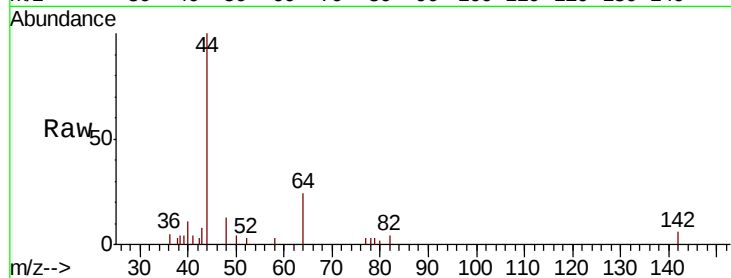




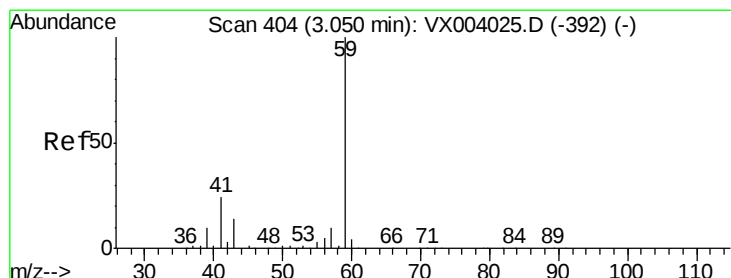
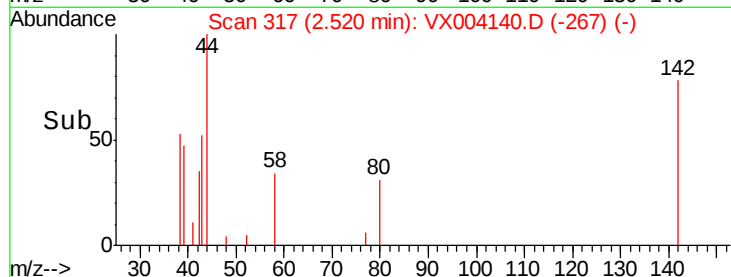
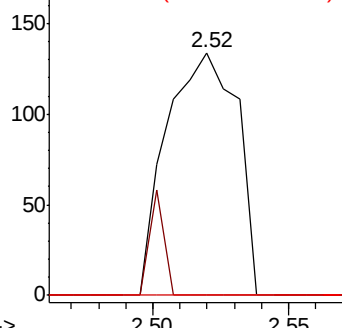
#10
Methyl Iodide
Concen: 5.08 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX004140.D
Acq: 17 Aug 2018 18:49

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:142 Resp: 240
Ion Ratio Lower Upper
142 100
127 8.8 33.1 49.7#
141 0.0 11.1 16.7#

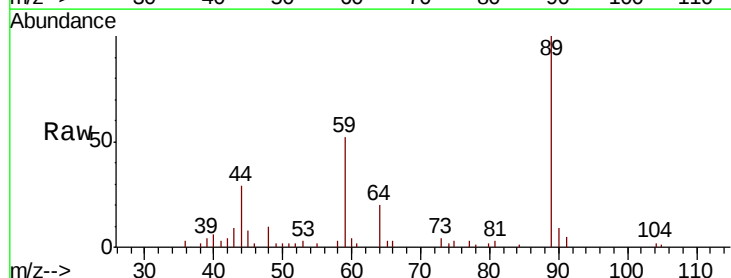


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

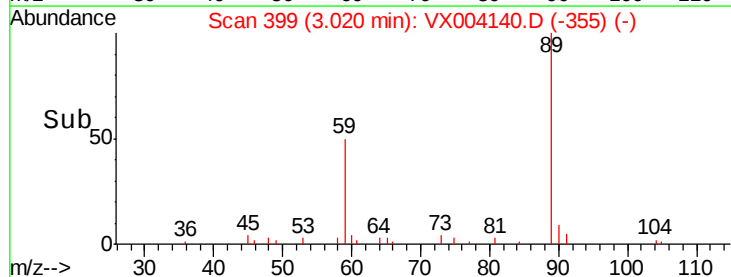
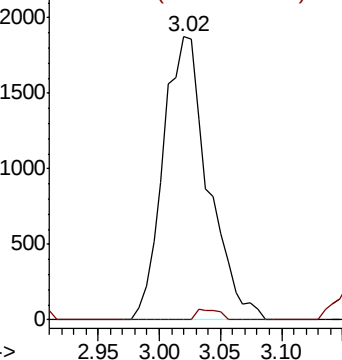


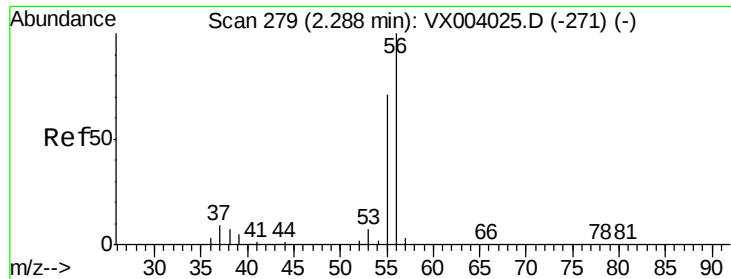
#11
Tert butyl alcohol
Concen: 6.64 ug/l
RT: 3.02 min Scan# 399
Delta R.T. -0.03 min
Lab File: VX004140.D
Acq: 17 Aug 2018 18:49

Tgt Ion: 59 Resp: 4780
Ion Ratio Lower Upper
59 100
57 1.9 8.1 12.1#



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





#13

Acrolein

Concen: 11.46 ug/l

RT: 2.29 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX004140.D

Acq: 17 Aug 2018 18:49

Instrument :

MSVOA_X

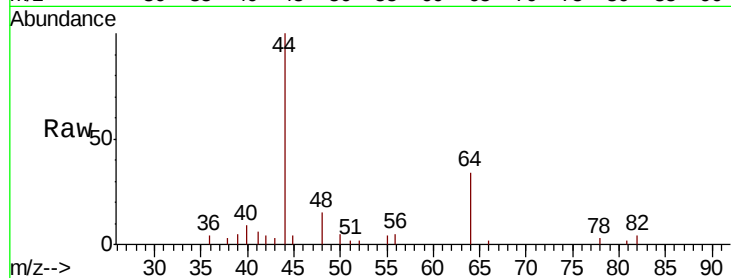
ClientSampled :

Tot Ion: 56 Resp: 260

Ion Ratio Lower Upper

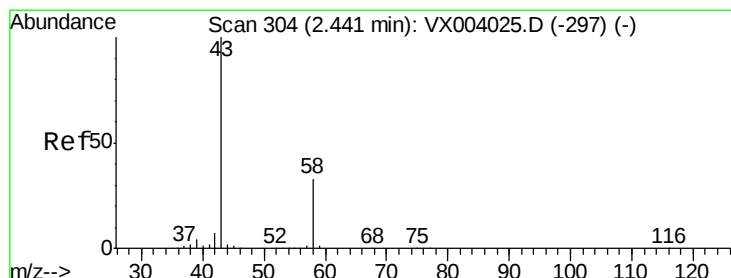
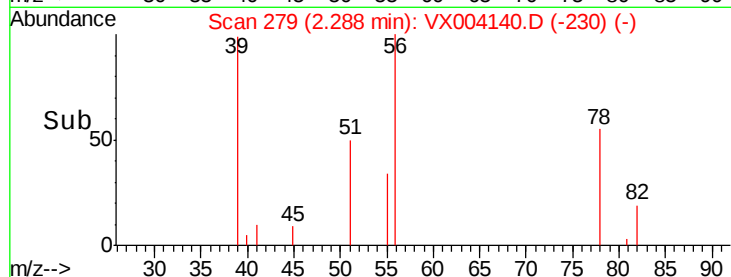
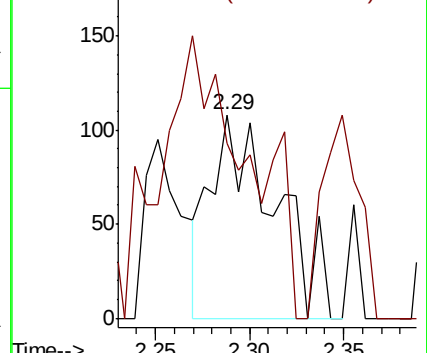
56 100

55 0.0 56.1 84.1#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 9.01 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.00 min

Lab File: VX004140.D

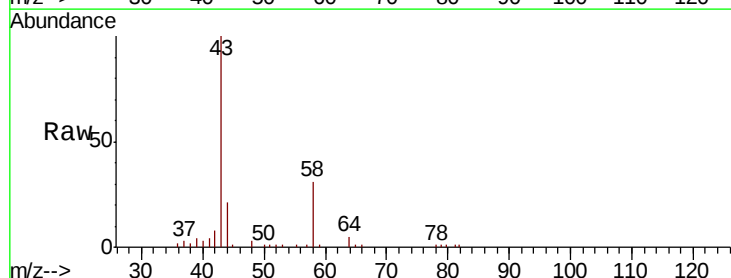
Acq: 17 Aug 2018 18:49

Tgt Ion: 43 Resp: 16740

Ion Ratio Lower Upper

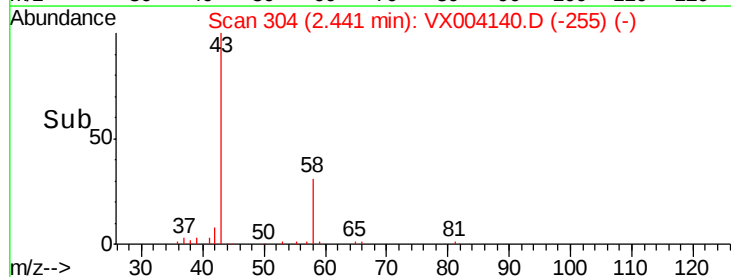
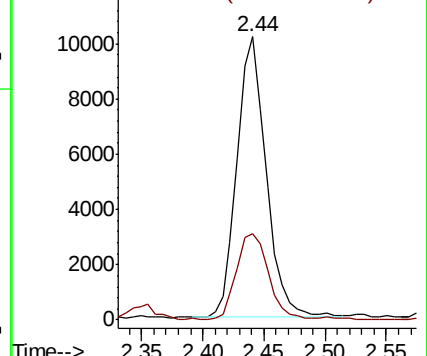
43 100

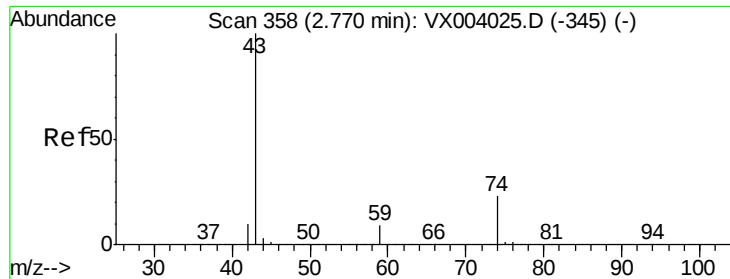
58 30.4 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

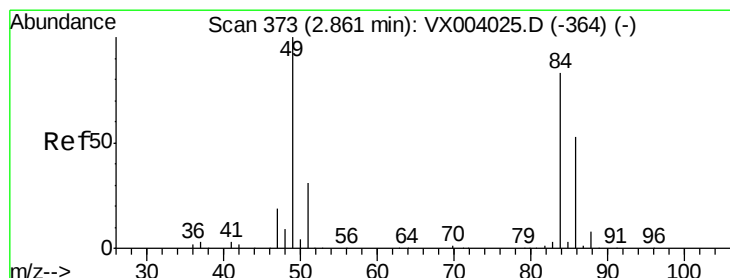
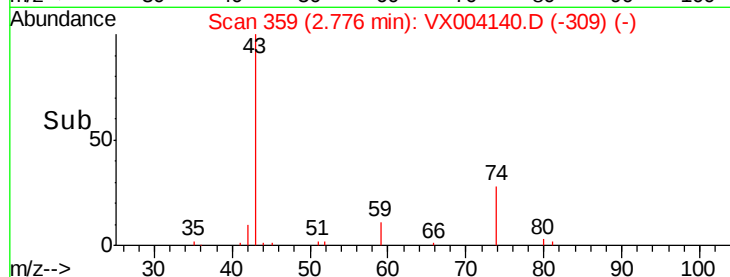
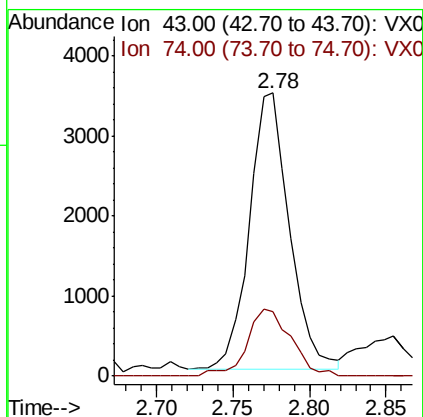
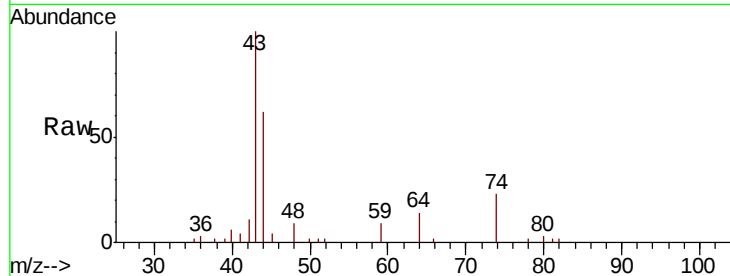




#18
Methyl Acetate
Concen: 1.53 ug/l
RT: 2.78 min Scan# 359
Delta R.T. 0.01 min
Lab File: VX004140.D
Acq: 17 Aug 2018 18:49

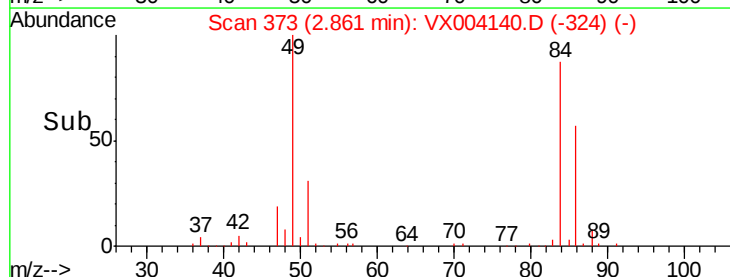
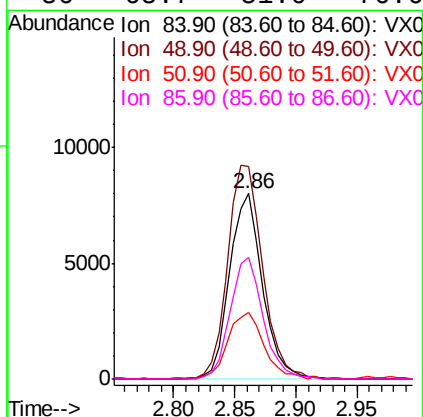
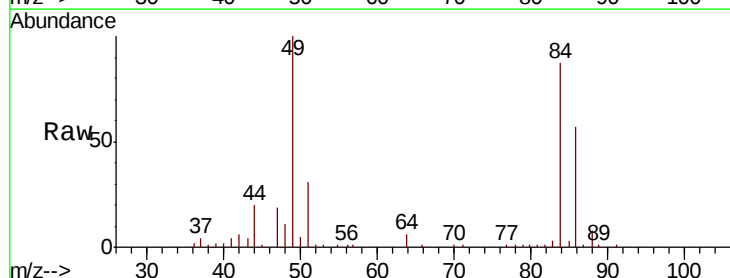
Instrument :
MSVOA_X
ClientSampleId :

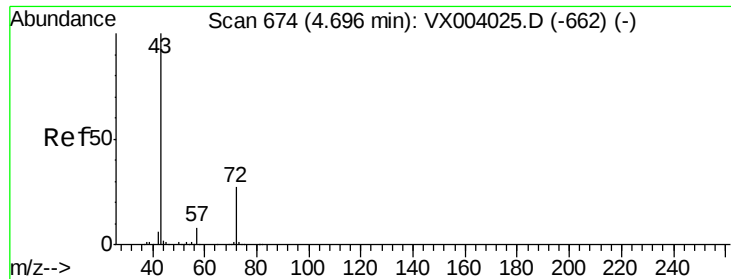
Tot Ion: 43 Resp: 6303
Ion Ratio Lower Upper
43 100
74 26.7 18.9 28.3



#20
Methylene Chloride
Concen: 4.34 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX004140.D
Acq: 17 Aug 2018 18:49

Tgt Ion: 84 Resp: 14858
Ion Ratio Lower Upper
84 100
49 114.9 98.9 148.3
51 35.7 29.9 44.9
86 65.7 51.0 76.6





#25

2-Butanone

Concen: 1.36 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX004140.D

Acq: 17 Aug 2018 18:49

Instrument :

MSVOA_X

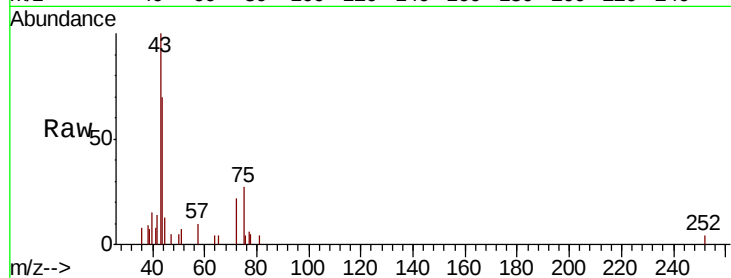
ClientSampleId :

Tot Ion: 43 Resp: 4103

Ion Ratio Lower Upper

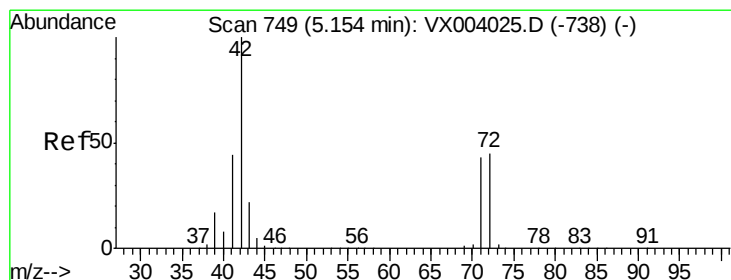
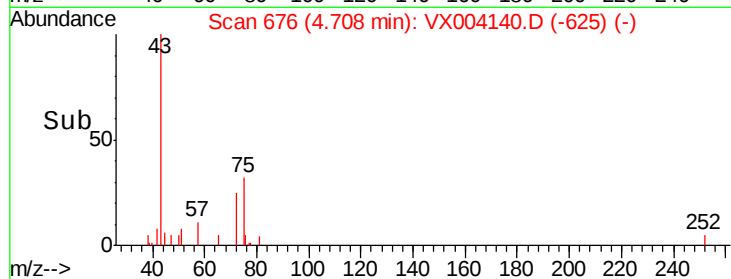
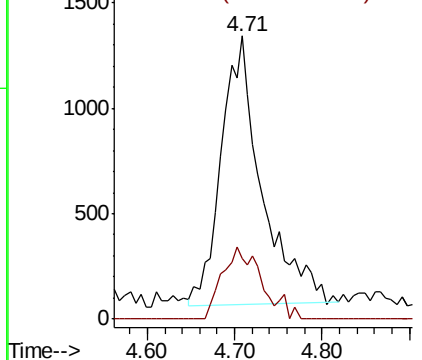
43 100

72 23.0 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#29

Tetrahydrofuran

Concen: 0.84 ug/l

RT: 5.17 min Scan# 751

Delta R.T. 0.01 min

Lab File: VX004140.D

Acq: 17 Aug 2018 18:49

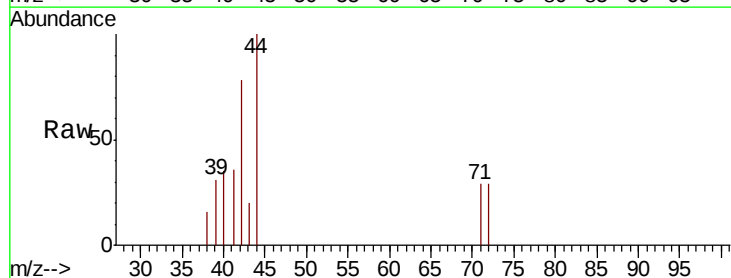
Tgt Ion: 42 Resp: 1298

Ion Ratio Lower Upper

42 100

72 37.1 37.7 56.5#

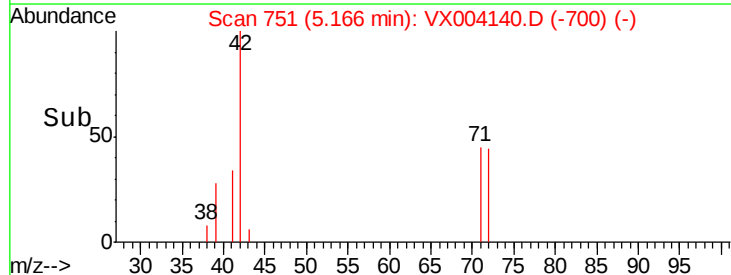
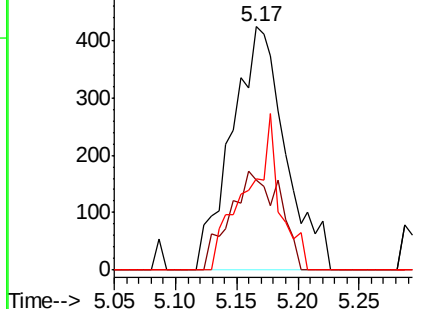
71 40.2 35.0 52.6

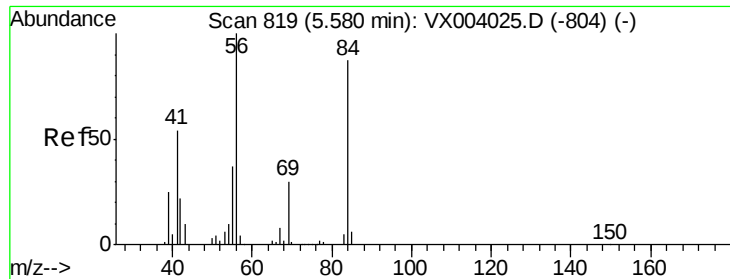


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

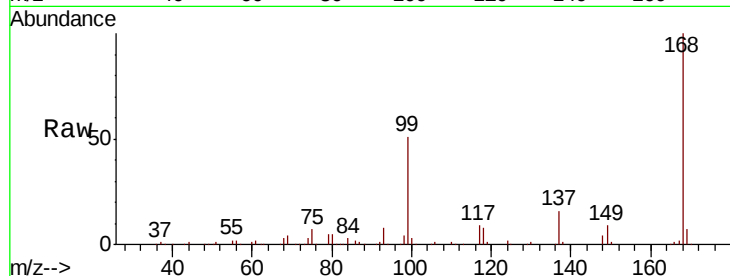




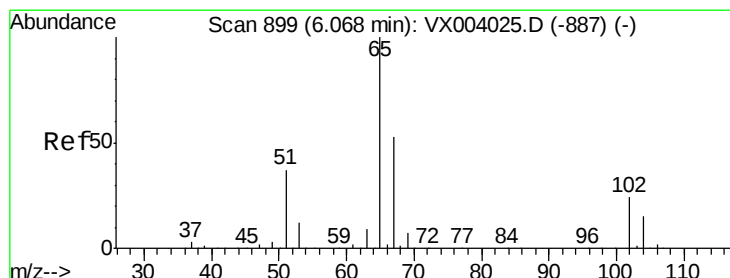
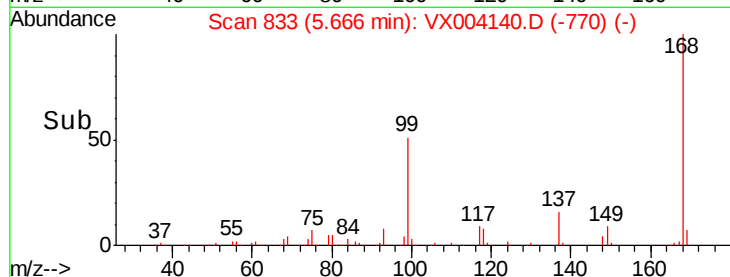
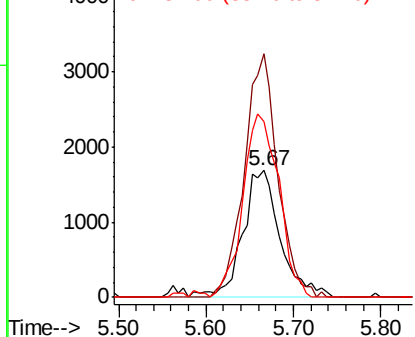
#31
Cyclohexane
Concen: 1.02 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX004140.D
Acq: 17 Aug 2018 18:49

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 5044
Ion Ratio Lower Upper
56 100
69 192.1 24.9 37.3#
84 138.8 71.7 107.5#

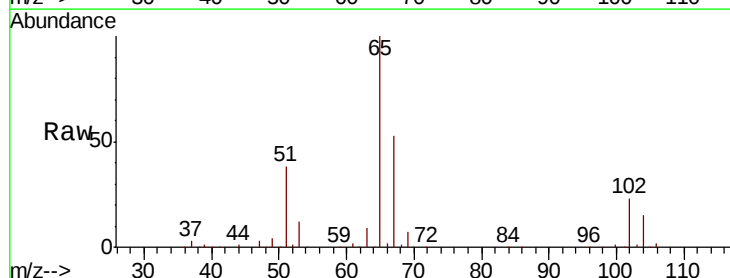


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

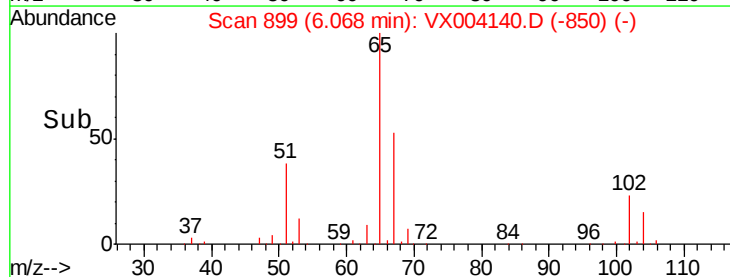
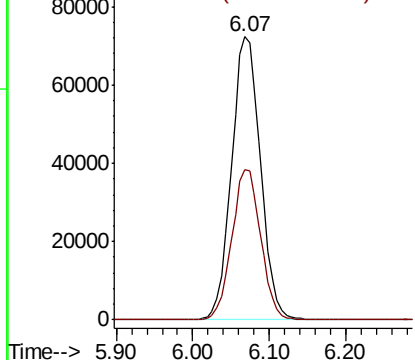


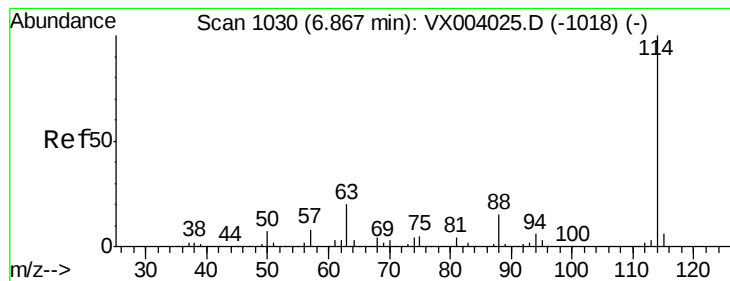
#33
1,2-Dichloroethane-d4
Concen: 52.86 ug/l
RT: 6.07 min Scan# 899
Delta R.T. -0.00 min
Lab File: VX004140.D
Acq: 17 Aug 2018 18:49

Tgt Ion: 65 Resp: 188937
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.8



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# 1029

Delta R.T. -0.01 min

Lab File: VX004140.D

Acq: 17 Aug 2018 18:49

Instrument :

MSVOA_X

ClientSampleId :

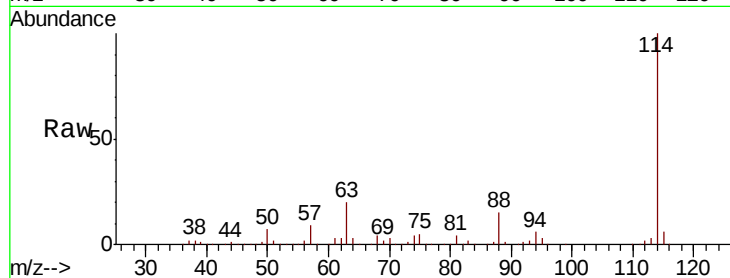
Tot Ion:114 Resp: 412377

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.0

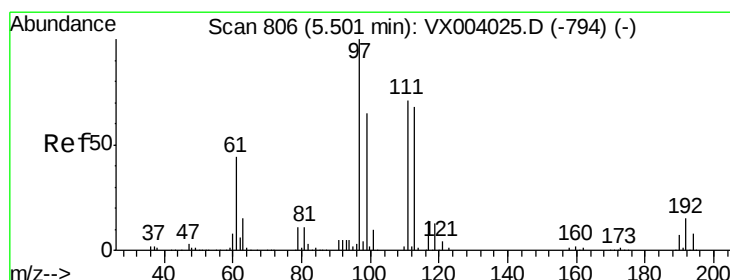
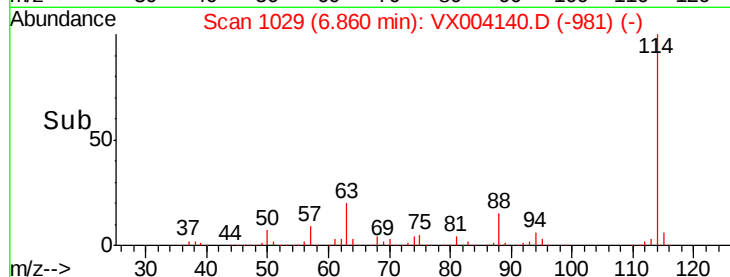
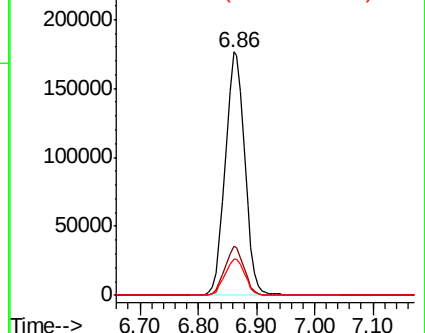
88 15.2 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 52.62 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX004140.D

Acq: 17 Aug 2018 18:49

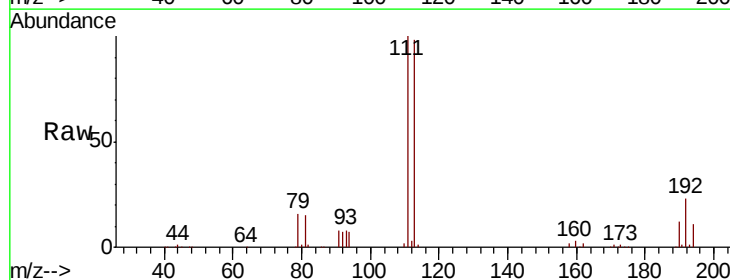
Tgt Ion:113 Resp: 162391

Ion Ratio Lower Upper

113 100

111 101.6 82.0 123.0

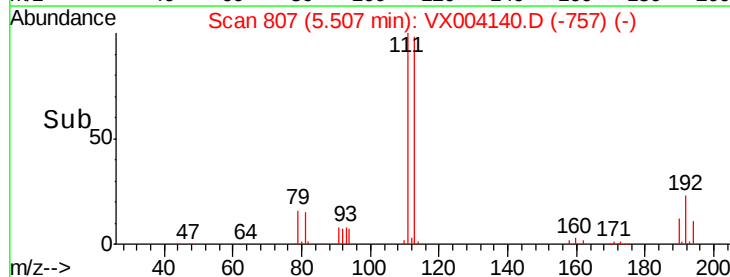
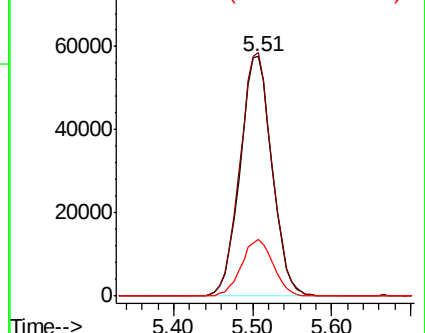
192 23.5 19.0 28.4

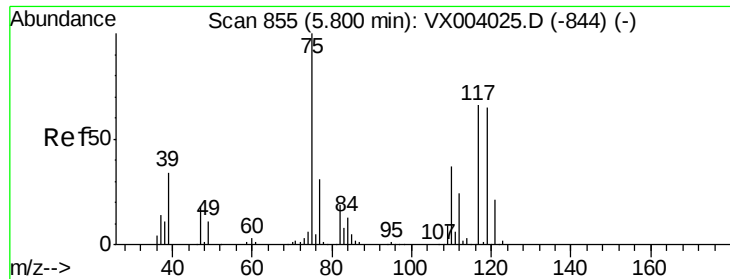


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.66 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX004140.D

Acq: 17 Aug 2018 18:49

Instrument :

MSVOA_X

ClientSampleId :

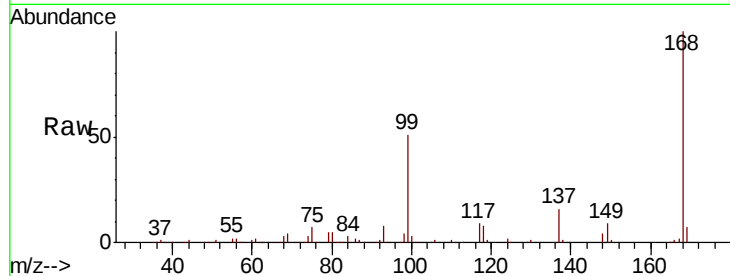
Tot Ion: 75 Resp: 17176

Ion Ratio Lower Upper

75 100

110 10.1 18.2 54.6#

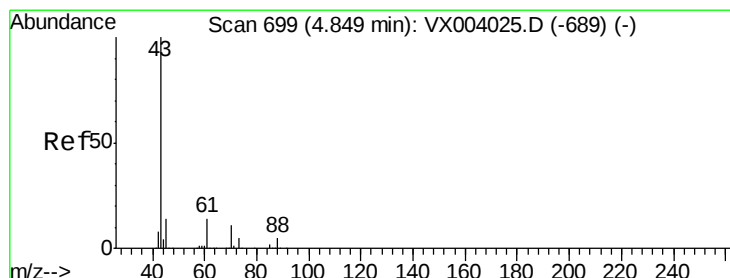
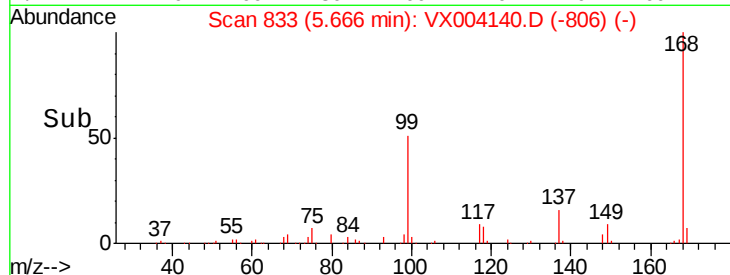
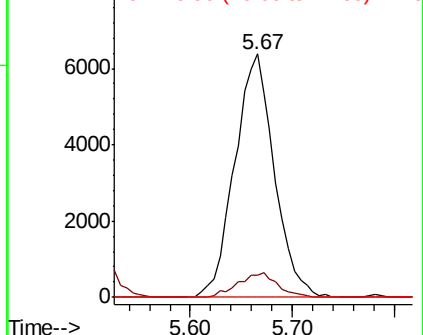
77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#37

Ethyl Acetate

Concen: 0.80 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.14 min

Lab File: VX004140.D

Acq: 17 Aug 2018 18:49

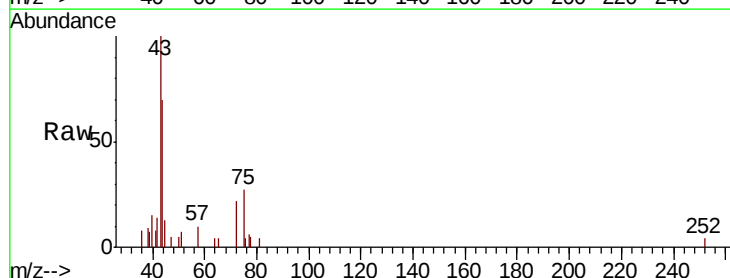
Tgt Ion: 43 Resp: 4103

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

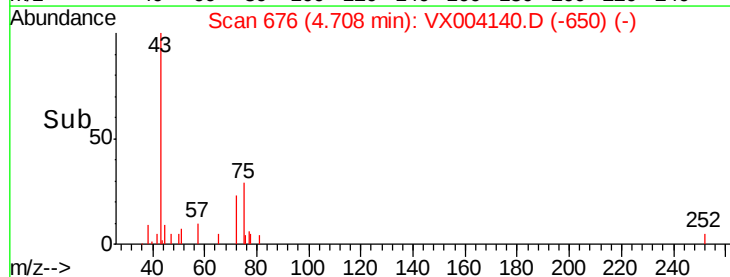
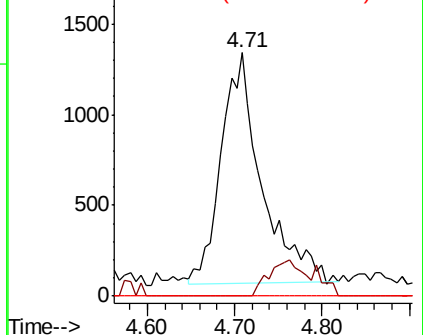
70 0.0 9.0 13.4#

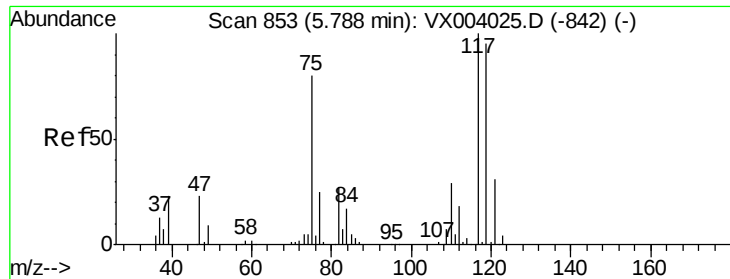


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0





#38

Carbon Tetrachloride

Concen: 4.92 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.13 min

Lab File: VX004140.D

Acq: 17 Aug 2018 18:49

Instrument :

MSVOA_X

ClientSampled :

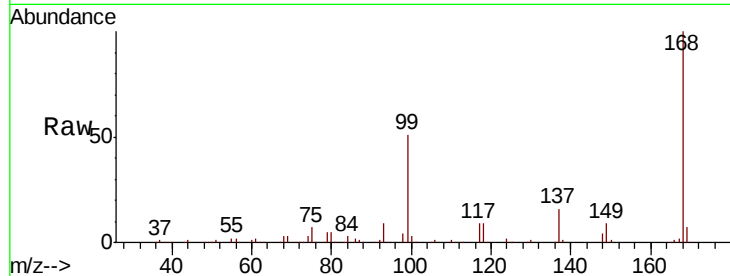
Tot Ion:117 Resp: 22443

Ion Ratio Lower Upper

117 100

119 4.8 79.5 119.3#

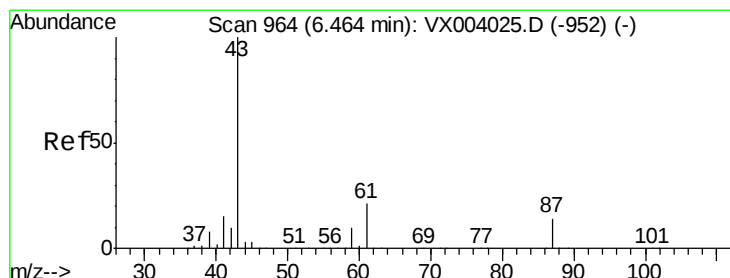
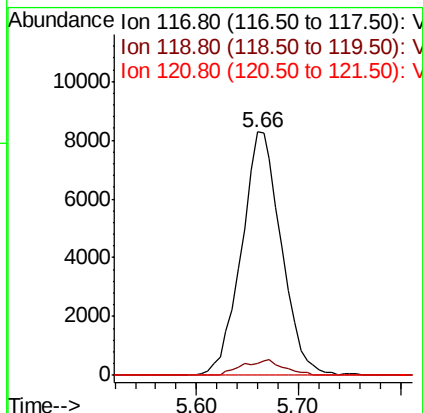
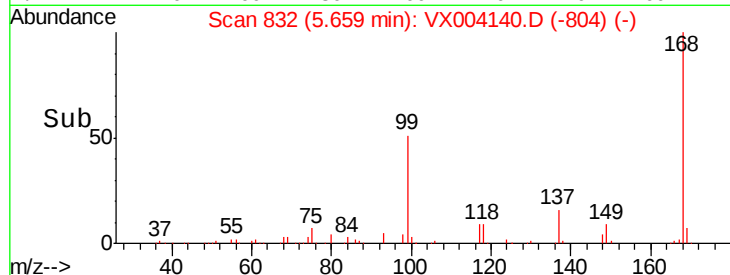
121 0.0 25.0 37.4#



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: 25.89 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.01 min

Lab File: VX004140.D

Acq: 17 Aug 2018 18:49

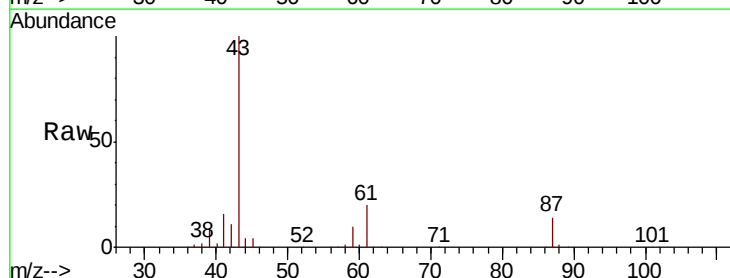
Tgt Ion: 43 Resp: 195041

Ion Ratio Lower Upper

43 100

61 20.5 16.9 25.3

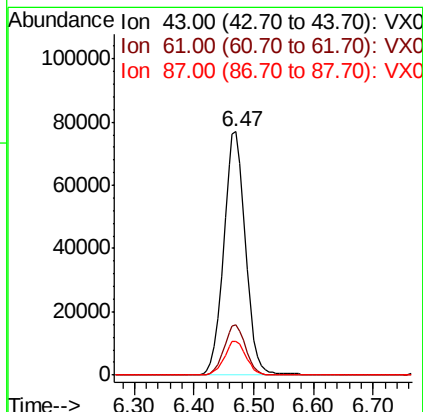
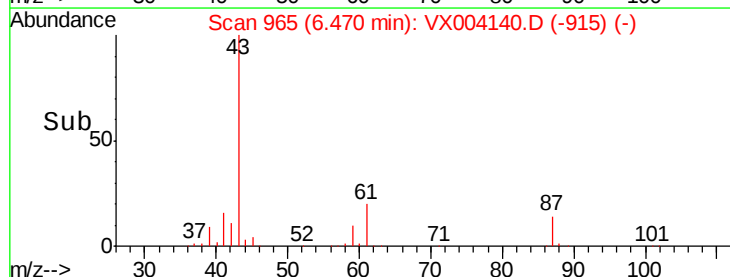
87 14.0 11.3 16.9

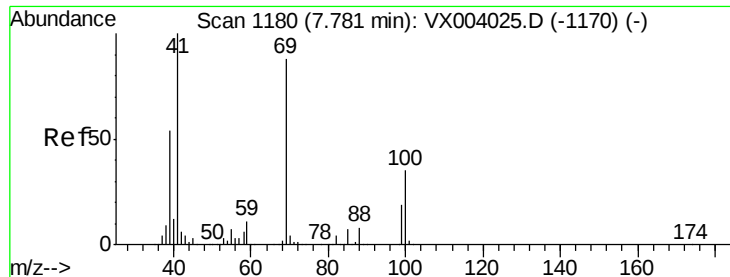


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#48

Methyl methacrylate

Concen: 2.86 ug/l

RT: 7.68 min Scan# 1164

Delta R.T. -0.10 min

Lab File: VX004140.D

Acq: 17 Aug 2018 18:49

Instrument :
MSVOA_X
ClientSampleId :

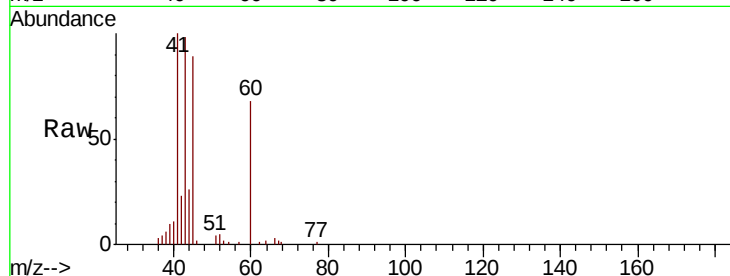
Tot Ion: 41 Resp: 10858

Ion Ratio Lower Upper

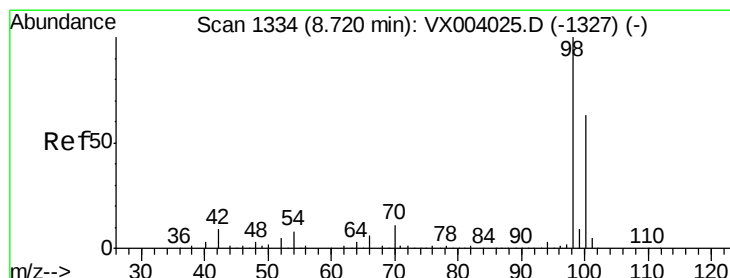
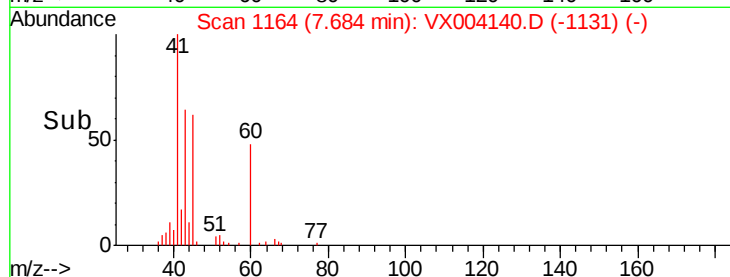
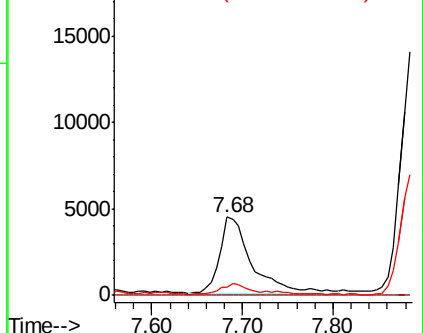
41 100

69 0.0 68.8 103.2#

39 10.9 42.3 63.5#



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: 47.92 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX004140.D

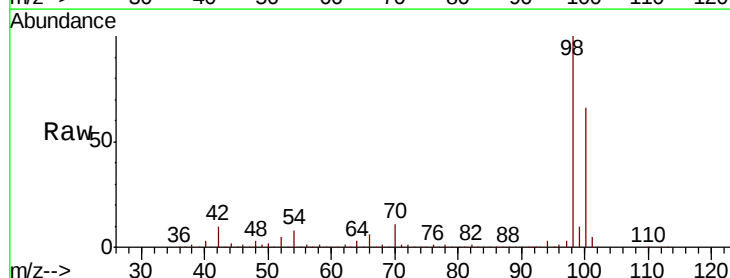
Acq: 17 Aug 2018 18:49

Tgt Ion: 98 Resp: 599618

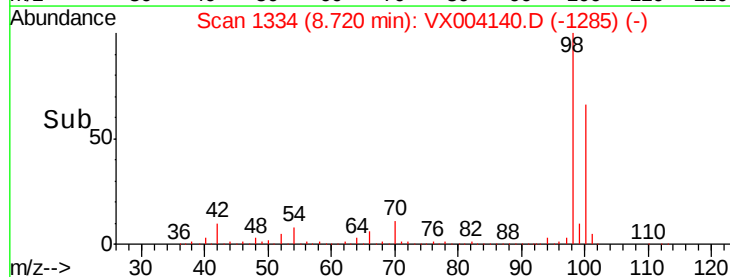
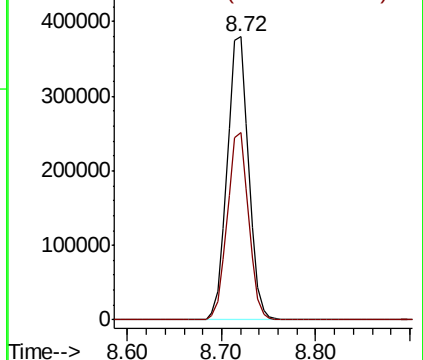
Ion Ratio Lower Upper

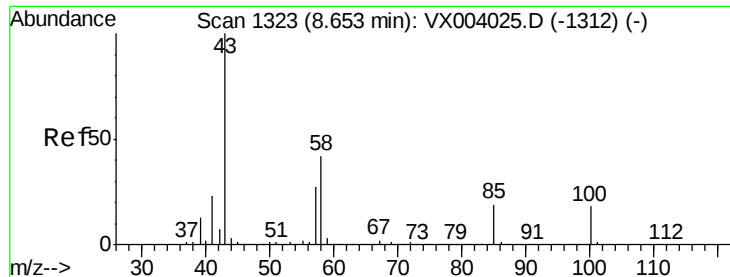
98 100

100 65.8 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 0.54 ug/l

RT: 8.62 min Scan# 1317

Delta R.T. -0.04 min

Lab File: VX004140.D

Acq: 17 Aug 2018 18:49

Instrument :

MSVOA_X

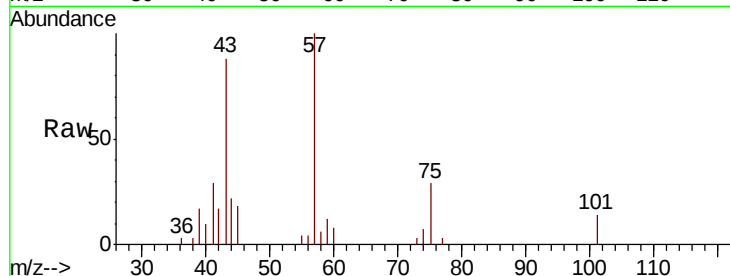
ClientSampleId :

Tot Ion: 43 Resp: 3310

Ion Ratio Lower Upper

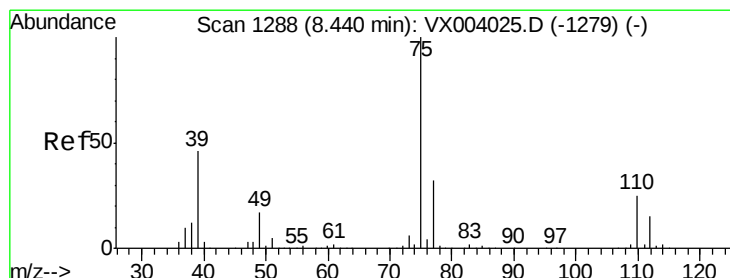
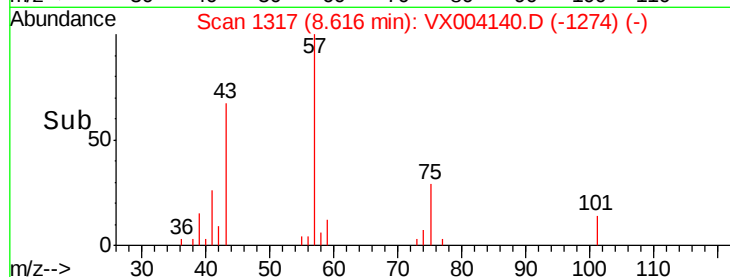
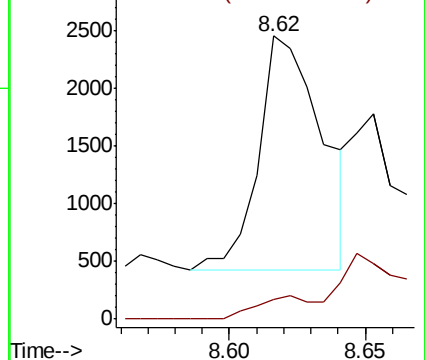
43 100

58 9.5 33.0 49.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 0.30 ug/l

RT: 8.62 min Scan# 1318

Delta R.T. 0.18 min

Lab File: VX004140.D

Acq: 17 Aug 2018 18:49

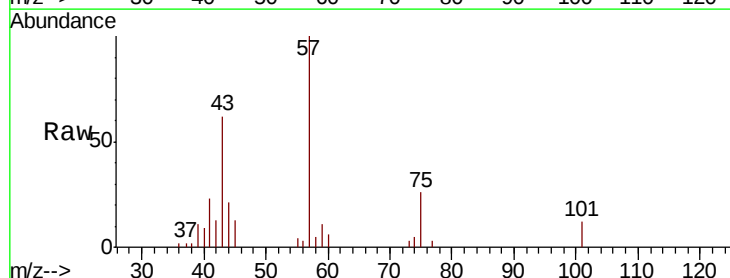
Tgt Ion: 75 Resp: 1590

Ion Ratio Lower Upper

75 100

77 11.6 25.3 37.9#

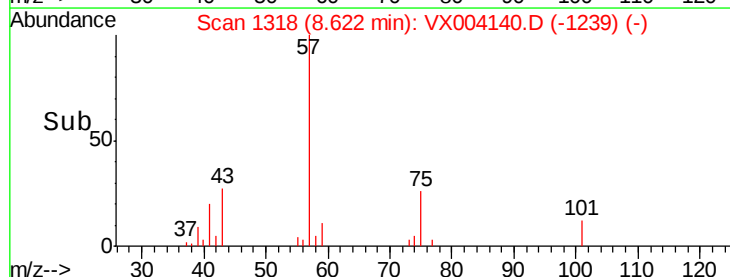
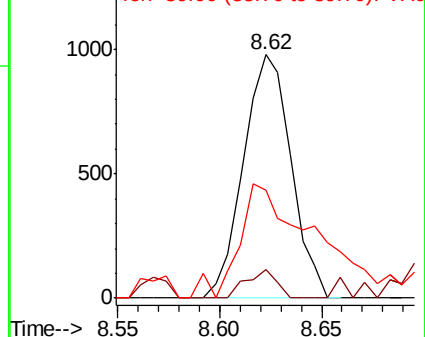
39 44.4 36.2 54.2

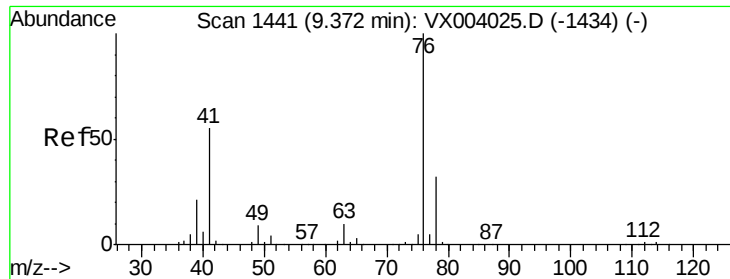


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 0.21 ug/l

RT: 9.55 min Scan# 1470

Delta R.T. 0.18 min

Lab File: VX004140.D

Acq: 17 Aug 2018 18:49

Instrument :

MSVOA_X

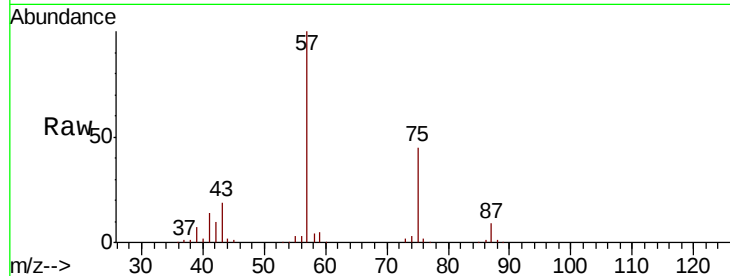
ClientSampled :

Tot Ion: 76 Resp: 1255

Ion Ratio Lower Upper

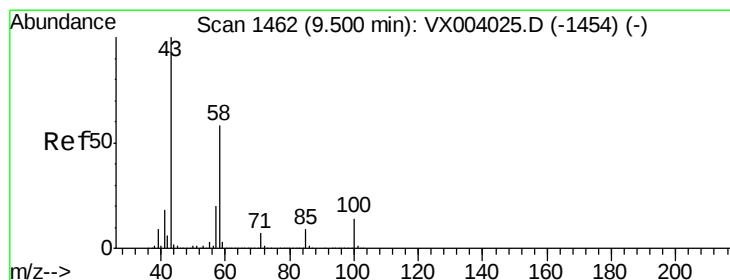
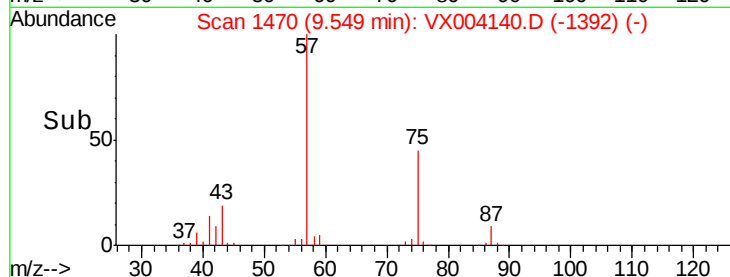
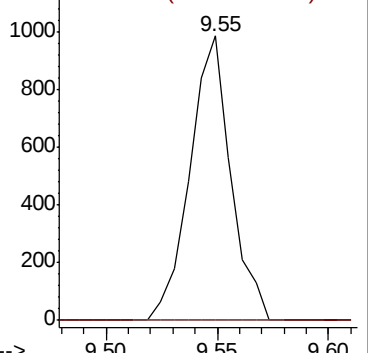
76 100

78 0.0 25.9 38.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 0.39 ug/l

RT: 9.45 min Scan# 1453

Delta R.T. -0.05 min

Lab File: VX004140.D

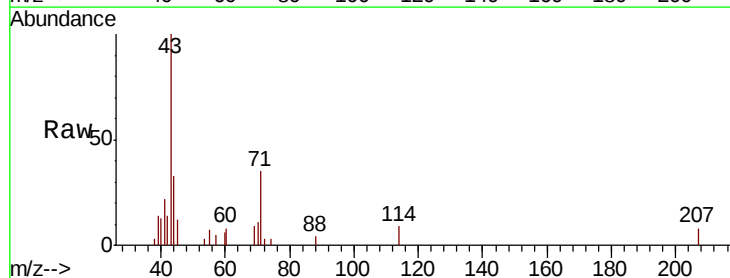
Acq: 17 Aug 2018 18:49

Tgt Ion: 43 Resp: 1827

Ion Ratio Lower Upper

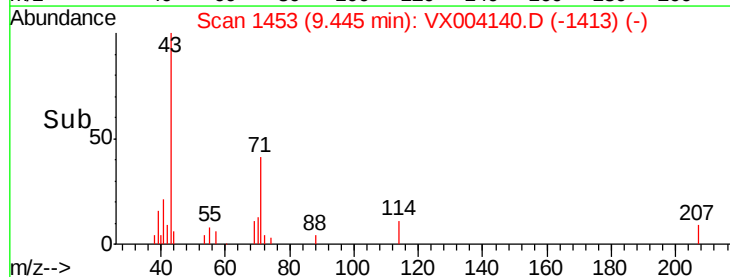
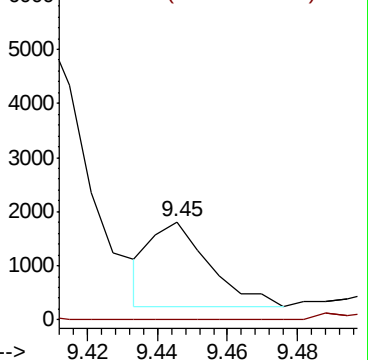
43 100

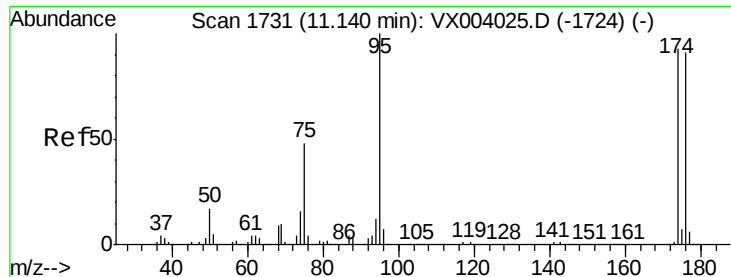
58 0.0 29.0 87.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.86 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004140.D

Acq: 17 Aug 2018 18:49

Instrument :

MSVOA_X

ClientSampleId :

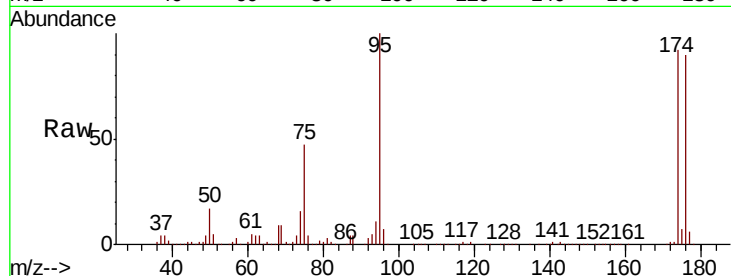
Tot Ion: 95 Resp: 203596

Ion Ratio Lower Upper

95 100

174 90.4 0.0 182.8

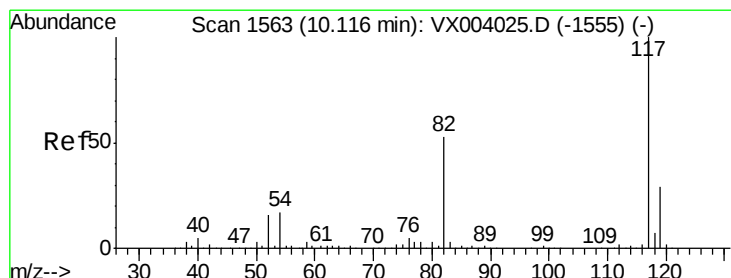
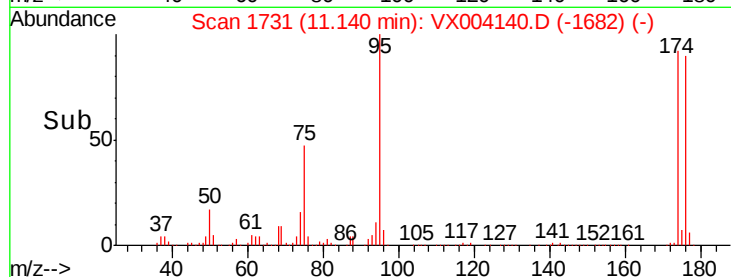
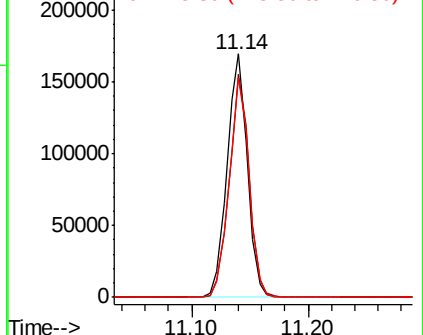
176 89.0 0.0 179.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX004140.D

Acq: 17 Aug 2018 18:49

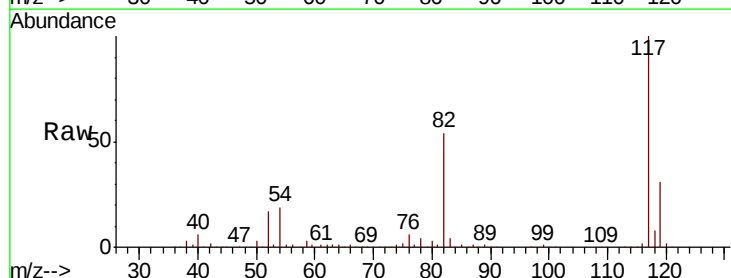
Tgt Ion: 117 Resp: 385307

Ion Ratio Lower Upper

117 100

82 54.2 45.4 68.0

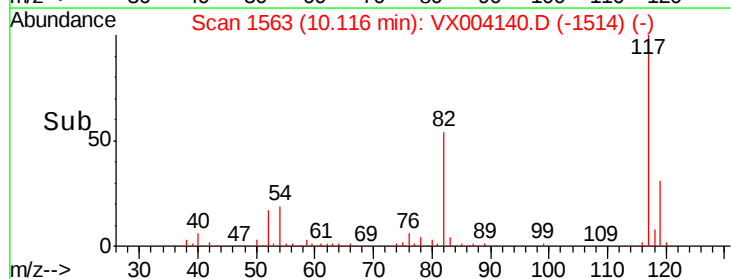
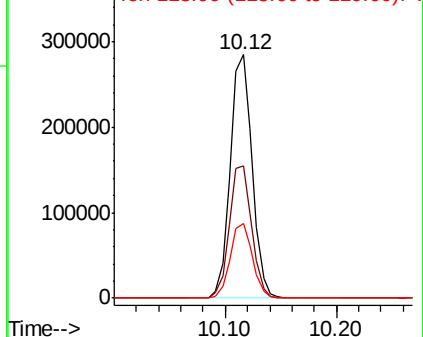
119 30.6 26.6 40.0

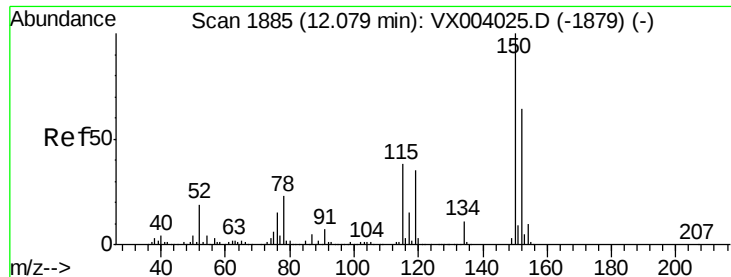


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004140.D

Acq: 17 Aug 2018 18:49

Instrument :

MSVOA_X

ClientSampleId :

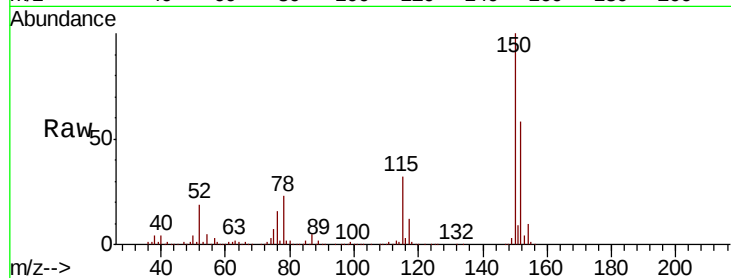
Tot Ion:152 Resp: 207534

Ion Ratio Lower Upper

152 100

115 54.4 39.1 117.3

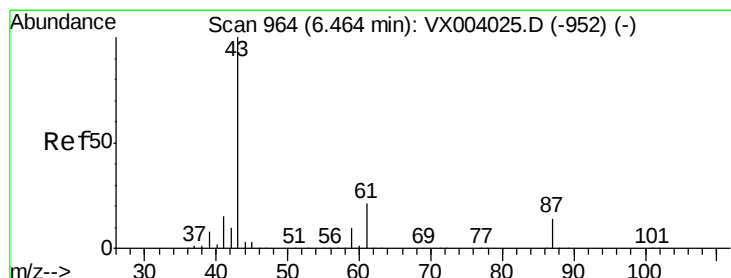
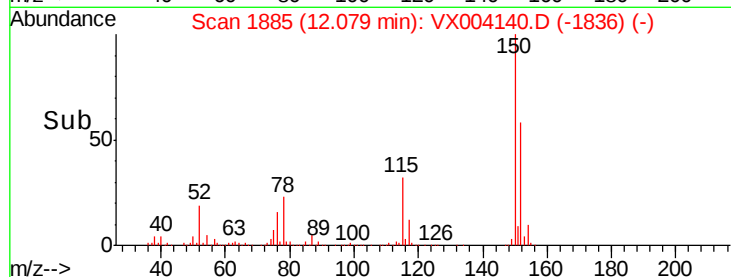
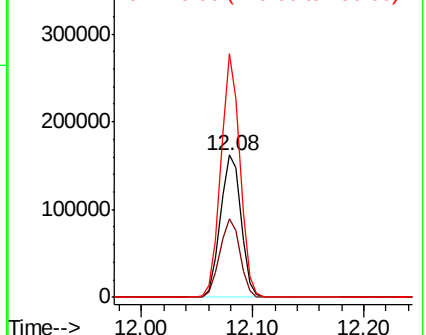
150 158.5 0.0 349.2



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



#74

N-ethyl acetate

Concen: 29.53 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.01 min

Lab File: VX004140.D

Acq: 17 Aug 2018 18:49

Tgt Ion: 43 Resp: 195041

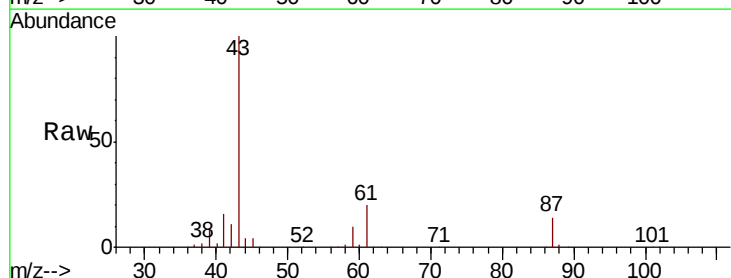
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 20.5 16.9 25.3

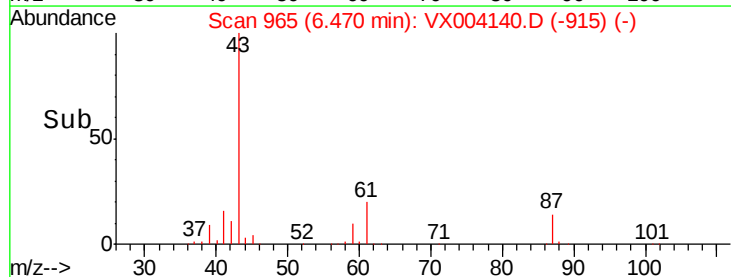
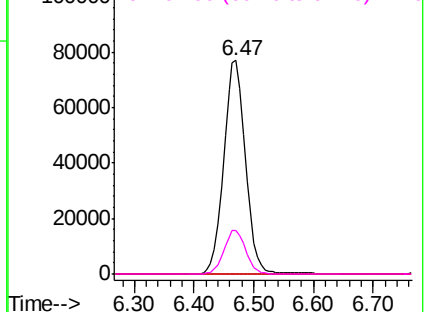


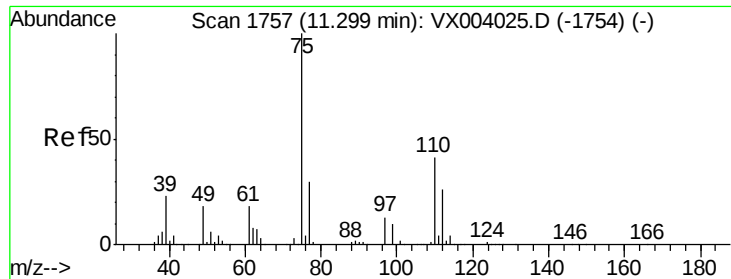
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#76

1,2,3-Trichloropropane

Concen: 23.76 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX004140.D

Acq: 17 Aug 2018 18:49

Instrument :

MSVOA_X

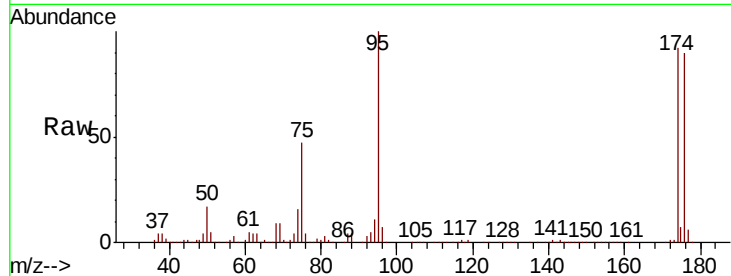
ClientSampleId :

Tot Ion: 75 Resp: 98878

Ion Ratio Lower Upper

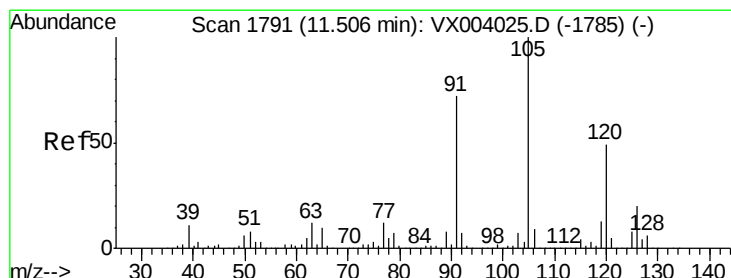
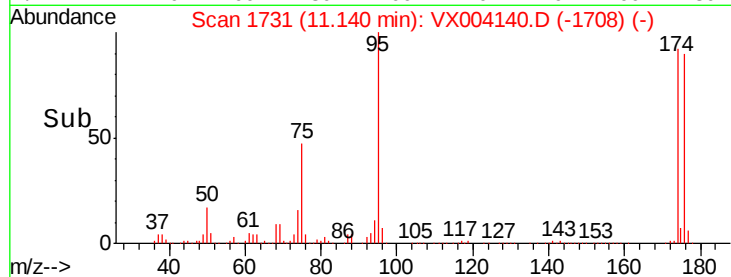
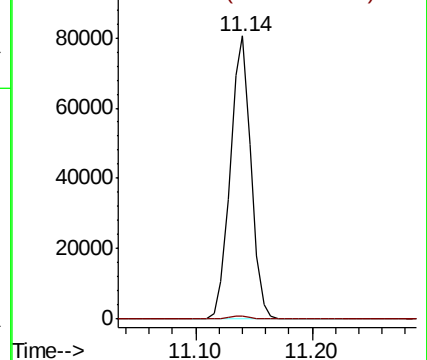
75 100

77 1.2 20.8 62.5#



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: 0.25 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX004140.D

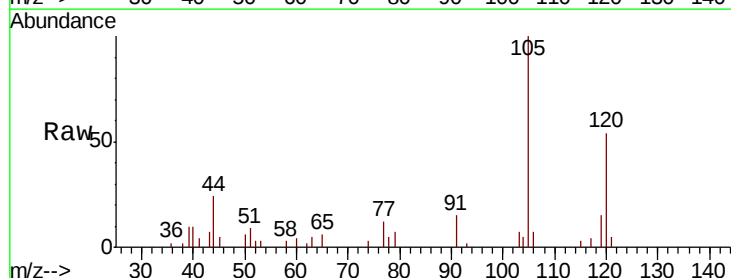
Acq: 17 Aug 2018 18:49

Tgt Ion: 105 Resp: 2826

Ion Ratio Lower Upper

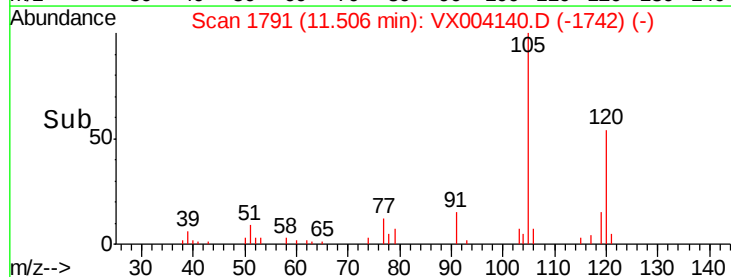
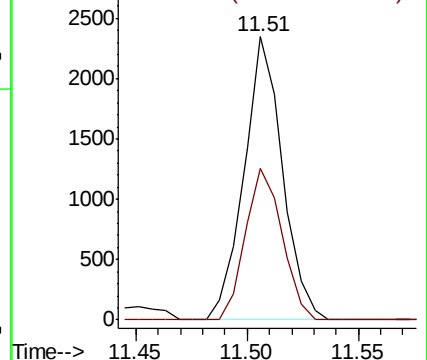
105 100

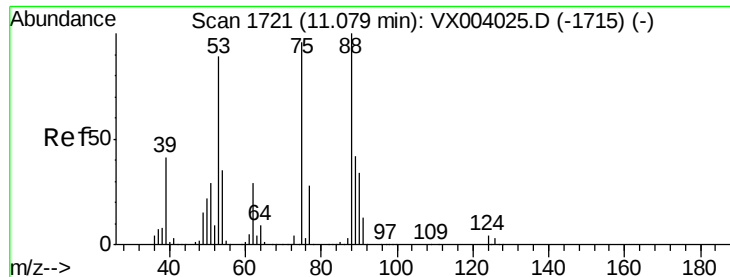
120 51.1 25.4 76.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 73.54 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX004140.D

Acq: 17 Aug 2018 18:49

Instrument :

MSVOA_X

ClientSampleId :

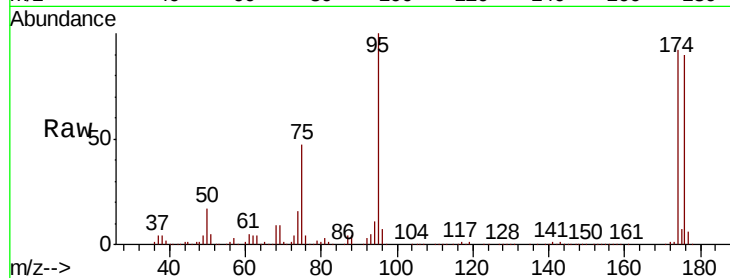
Tot Ion: 75 Resp: 98878

Ion Ratio Lower Upper

75 100

53 0.3 80.3 120.5#

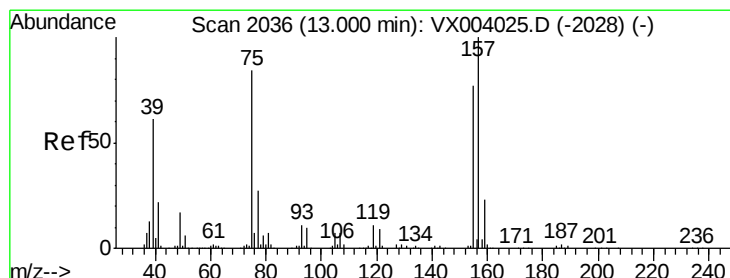
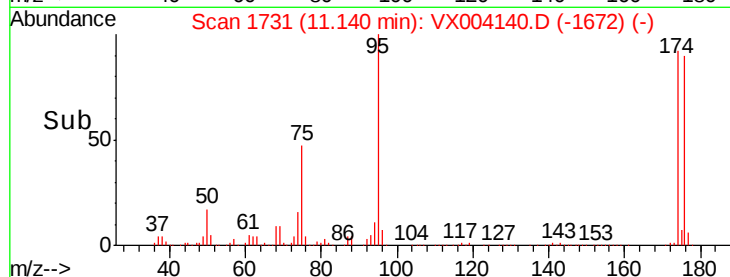
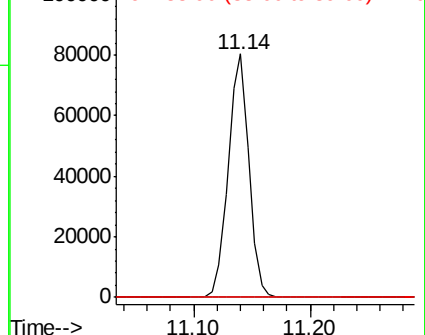
89 0.0 37.8 56.8#



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.23 ug/l

RT: 12.98 min Scan# 2032

Delta R.T. -0.02 min

Lab File: VX004140.D

Acq: 17 Aug 2018 18:49

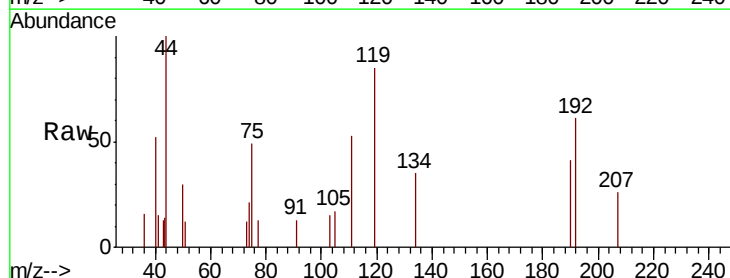
Tgt Ion: 75 Resp: 201

Ion Ratio Lower Upper

75 100

155 0.0 48.7 146.1#

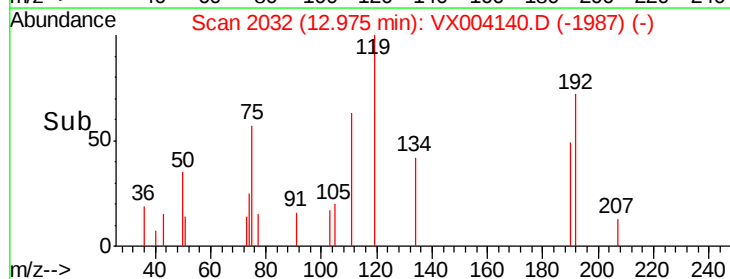
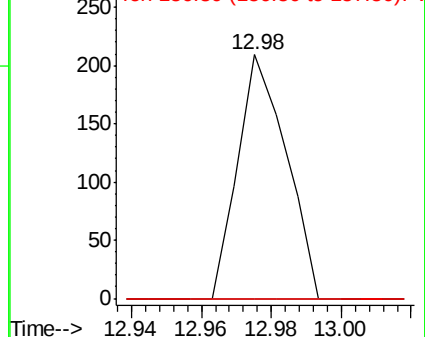
157 0.0 62.6 187.8#

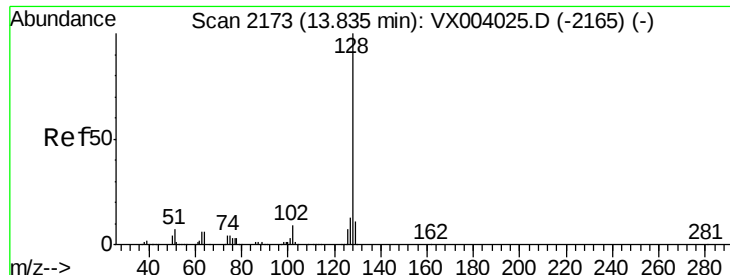


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 1.16 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.01 min

Lab File: VX004140.D

Acq: 17 Aug 2018 18:49

Instrument :

MSVOA_X

ClientSampleId :

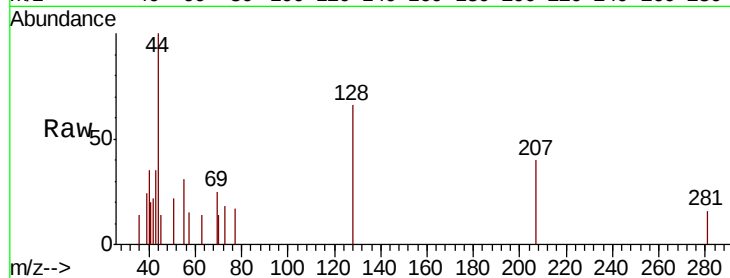
Tot Ion:128 Resp: 300

Ion Ratio Lower Upper

128 100

127 6.7 10.2 15.2#

129 0.0 8.8 13.2#



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

