

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032718\
 Data File : VX000462.D
 Acq On : 27 Mar 2018 16:56
 Operator : JC/MD
 Sample : J2071-03 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1-MH-D-S

Quant Time: Mar 28 06:52:46 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	104554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	183949	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	177106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	90035	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	78049	57.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.38%	
35) Dibromofluoromethane	5.51	113	60236	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
50) Toluene-d8	8.73	98	231246	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
62) 4-Bromofluorobenzene	11.15	95	77400	39.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.24%	

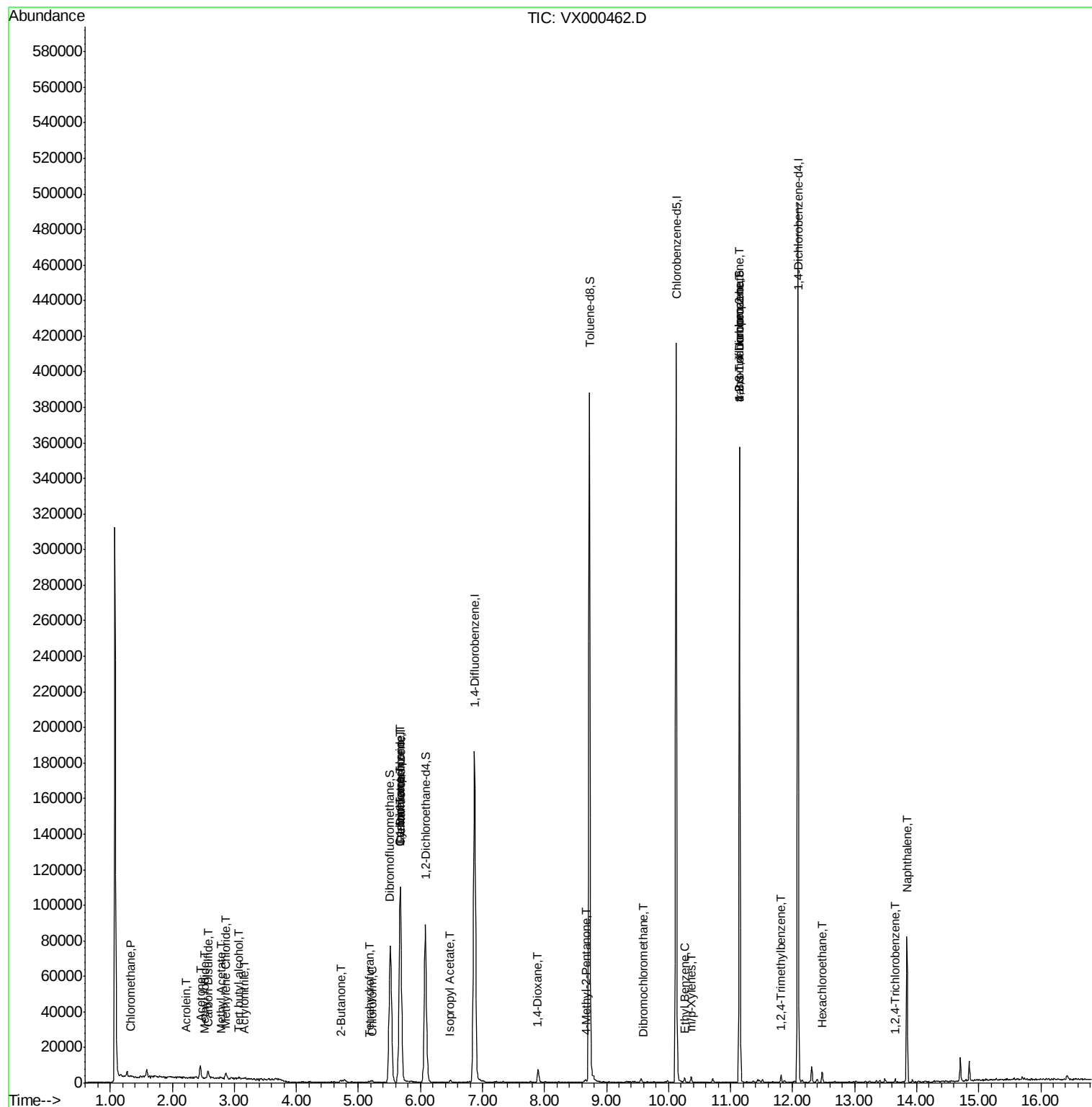
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	262	0.22	ug/l	# 88
6) Chloroethane	1.70	64	562	Below Cal		# 44
10) Methyl Iodide	2.52	142	76	4.33	ug/l	# 74
11) Tert butyl alcohol	3.07	59	352	0.75	ug/l	# 90
13) Acrolein	2.22	56	27	14.75	ug/l	# 13
15) Acrylonitrile	3.16	53	203	0.21	ug/l	# 53
16) Acetone	2.45	43	8025	7.07	ug/l	# 93
17) Carbon Disulfide	2.57	76	5073	1.70	ug/l	# 87
18) Methyl Acetate	2.79	43	586	0.25	ug/l	# 58
20) Methylene Chloride	2.87	84	1236	0.94	ug/l	# 69
25) 2-Butanone	4.71	43	1721	1.35	ug/l	# 41
29) Tetrahydrofuran	5.18	42	505	0.64	ug/l	# 49
30) Chloroform	5.23	83	815	0.39	ug/l	# 31
31) Cyclohexane	5.67	56	2622	1.52	ug/l	# 58
36) 1,1-Dichloropropene	5.67	75	7938	4.61	ug/l	# 42
38) Carbon Tetrachloride	5.67	117	10111	5.59	ug/l	# 16
43) Isopropyl Acetate	6.48	43	1397	0.40	ug/l	# 78
49) 1,4-Dioxane	7.88	88	43	1.20	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.67	43	1294	0.48	ug/l	# 79
60) Dibromochloromethane	9.59	129	26	4.13	ug/l	# 1
67) Ethyl Benzene	10.26	91	1525	0.23	ug/l	# 84
68) m/p-Xylenes	10.37	106	788	0.30	ug/l	# 95
74) N-ethyl acetate	6.48	43	1397	Below Cal		# 76
76) 1,2,3-Trichloropropane	11.15	75	44886	23.20	ug/l	# 35
81) trans-1,4-Dichloro-2-buten	11.15	75	44886	75.10	ug/l	# 9
84) 1,2,4-Trimethylbenzene	11.81	105	1774	0.34	ug/l	# 86
90) Hexachloroethane	12.48	117	258	0.29	ug/l	# 12
93) 1,2,4-Trichlorobenzene	13.65	180	484	0.23	ug/l	# 93
95) Naphthalene	13.84	128	45971	6.25	ug/l	# 99

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

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Quant Time: Mar 28 06:52:46 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000462.D

Acq: 27 Mar 2018 16:56

Instrument :

MSVOA_X

ClientSampleId :

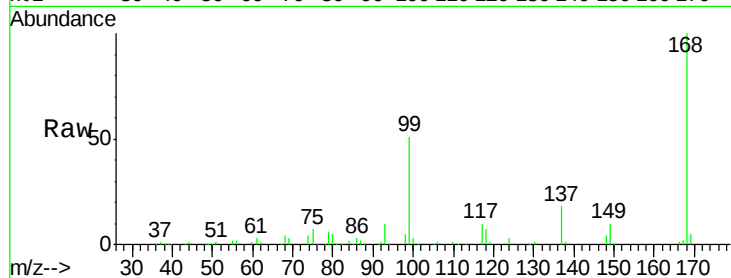
TP-1-MH-D-S

Tgt Ion:168 Resp: 104554

Ion Ratio Lower Upper

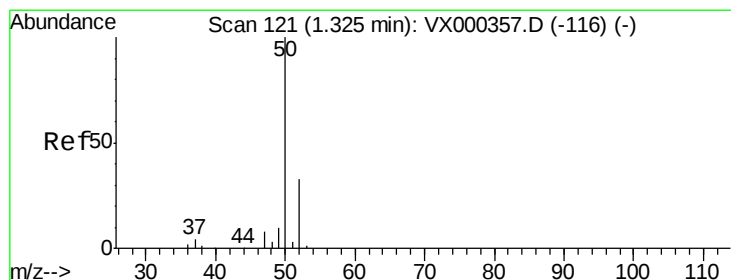
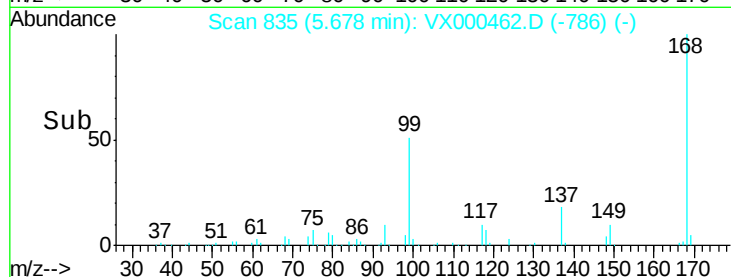
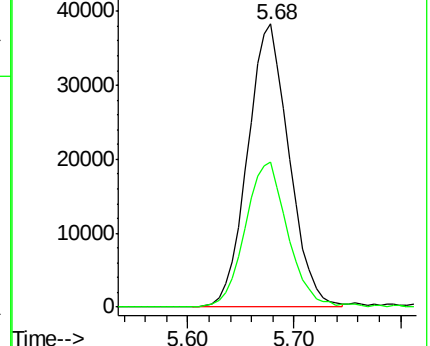
168 100

99 51.4 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.22 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000462.D

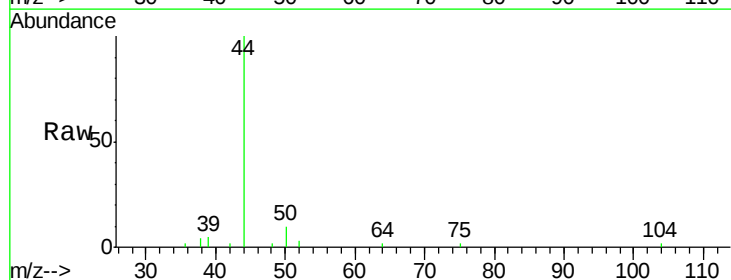
Acq: 27 Mar 2018 16:56

Tgt Ion: 50 Resp: 262

Ion Ratio Lower Upper

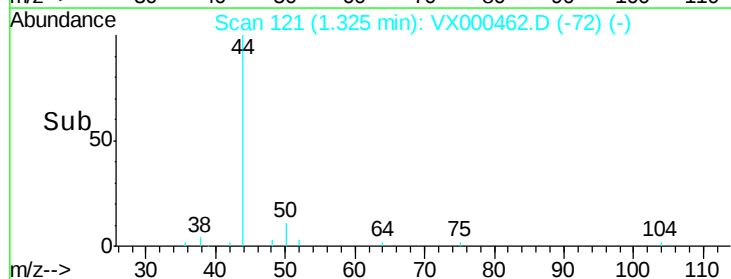
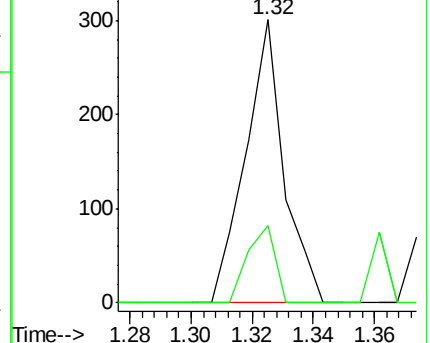
50 100

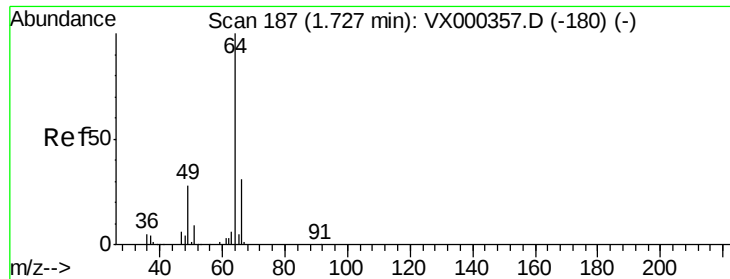
52 27.2 27.5 41.3#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 183

Delta R.T. -0.02 min

Lab File: VX000462.D

Acq: 27 Mar 2018 16:56

Instrument :

MSVOA_X

ClientSampleId :

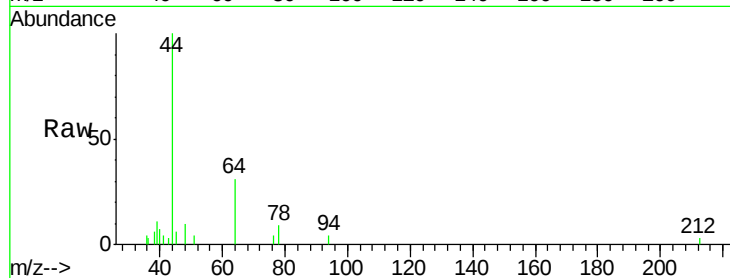
TP-1-MH-D-S

Tgt Ion: 64 Resp: 562

Ion Ratio Lower Upper

64 100

66 0.0 24.8 37.2#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

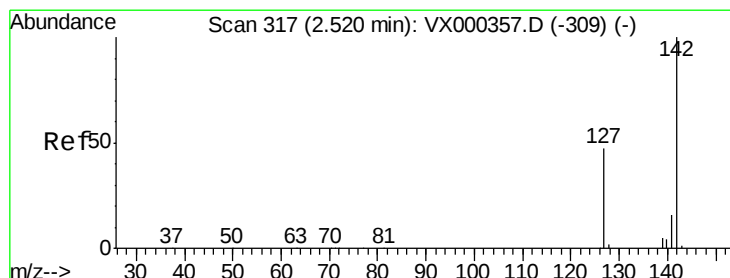
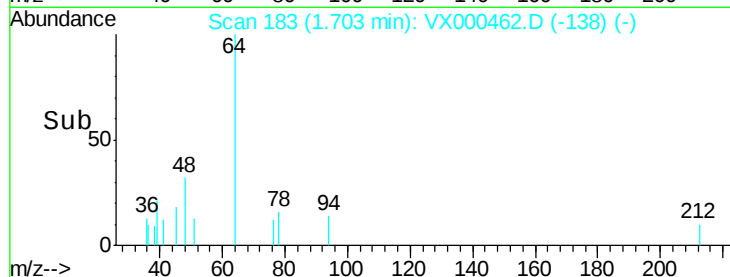
1.70

400

200

0

Time-->



#10

Methyl Iodide

Concen: 4.33 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.00 min

Lab File: VX000462.D

Acq: 27 Mar 2018 16:56

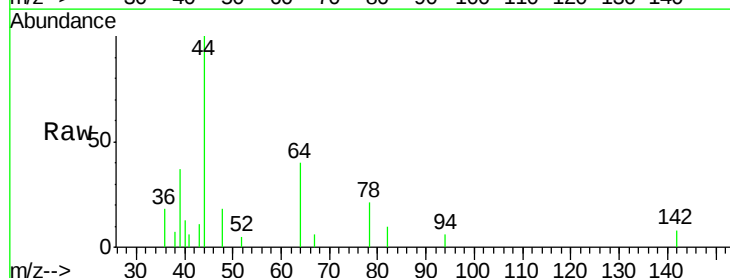
Tgt Ion: 142 Resp: 76

Ion Ratio Lower Upper

142 100

127 32.9 39.2 58.8#

141 0.0 11.7 17.5#



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

2.52

80

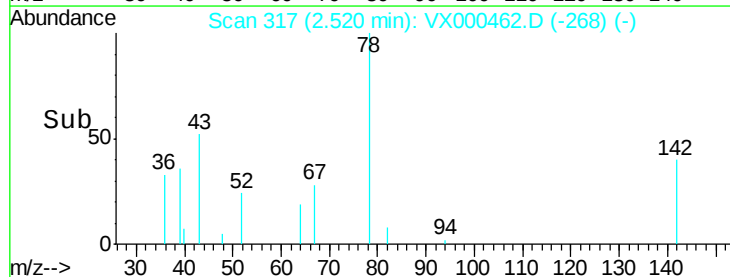
60

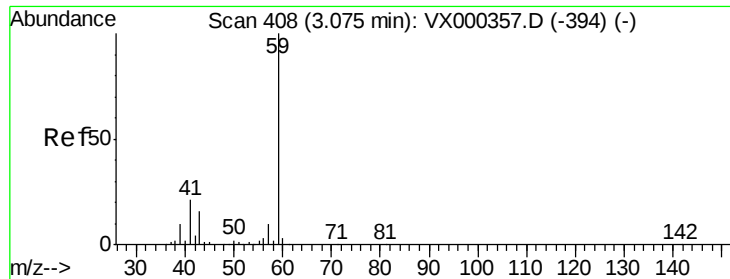
40

20

0

Time-->

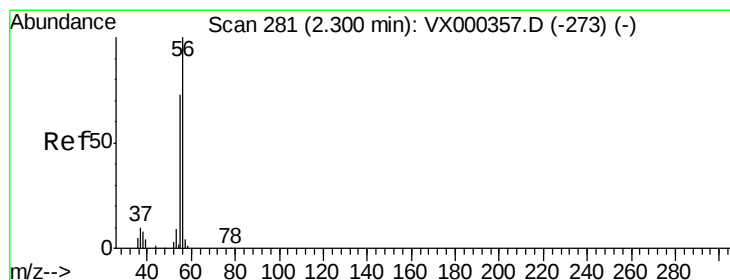
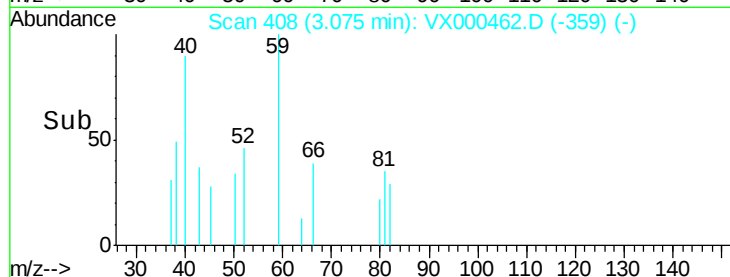
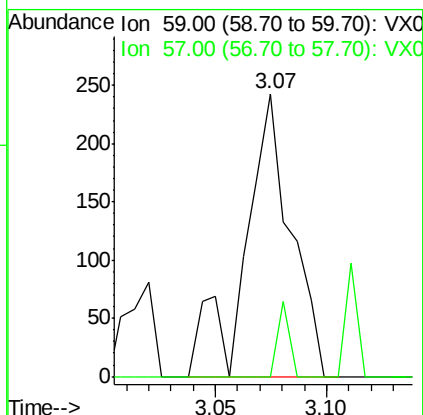
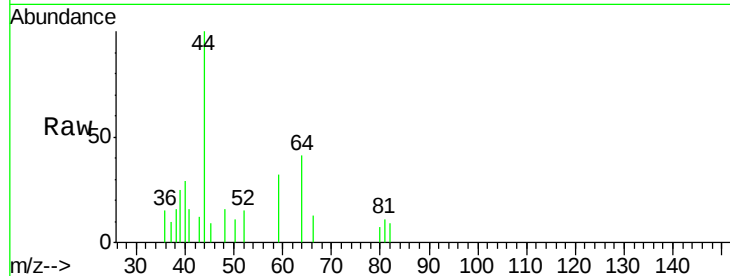




#11
Tert butyl alcohol
Concen: 0.75 ug/l
RT: 3.07 min Scan# 408
Delta R.T. 0.00 min
Lab File: VX000462.D
Acq: 27 Mar 2018 16:56

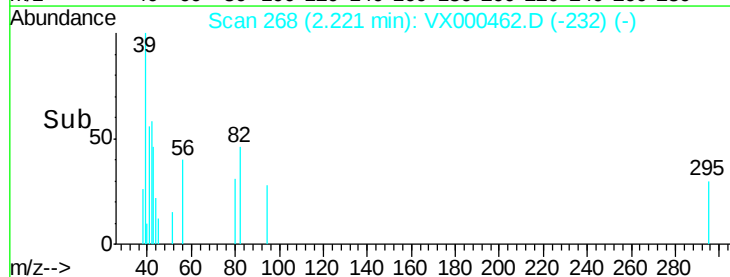
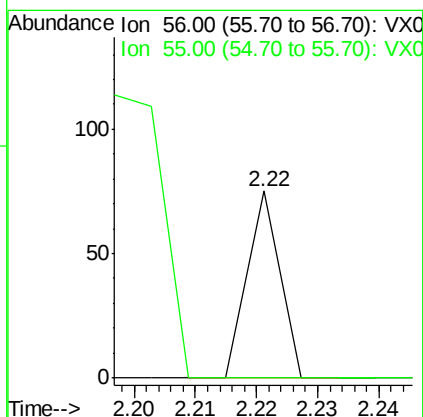
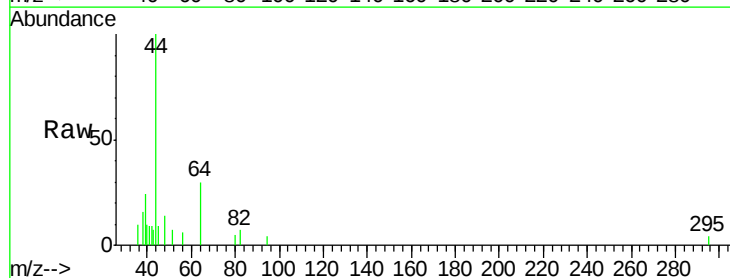
Instrument :
MSVOA_X
ClientSampled :
TP-1-MH-D-S

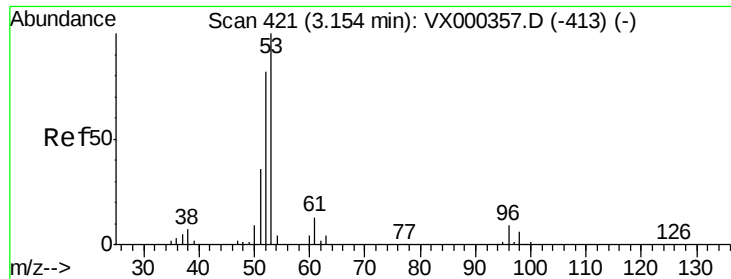
Tgt Ion: 59 Resp: 352
Ion Ratio Lower Upper
59 100
57 6.8 8.4 12.6#



#13
Acrolein
Concen: 14.75 ug/l
RT: 2.22 min Scan# 268
Delta R.T. -0.08 min
Lab File: VX000462.D
Acq: 27 Mar 2018 16:56

Tgt Ion: 56 Resp: 27
Ion Ratio Lower Upper
56 100
55 0.0 58.8 88.2#





#15

Acrylonitrile

Concen: 0.21 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX000462.D

Acq: 27 Mar 2018 16:56

Instrument :

MSVOA_X

ClientSampled :

TP-1-MH-D-S

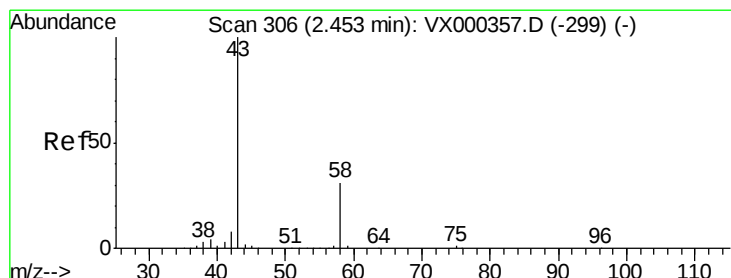
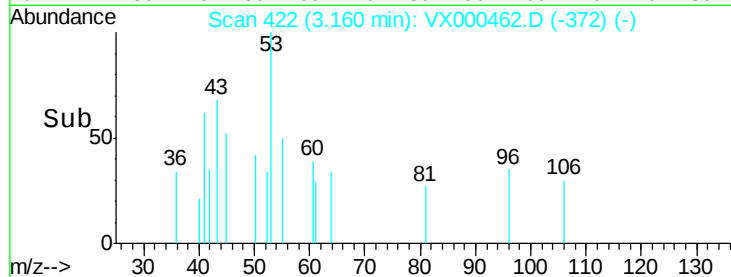
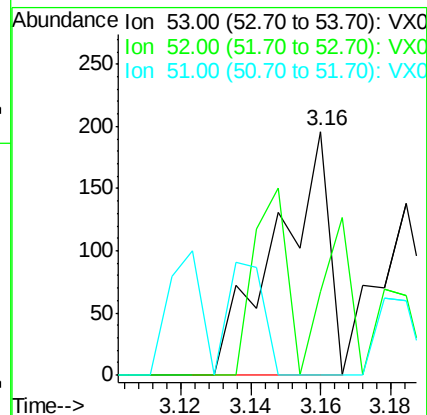
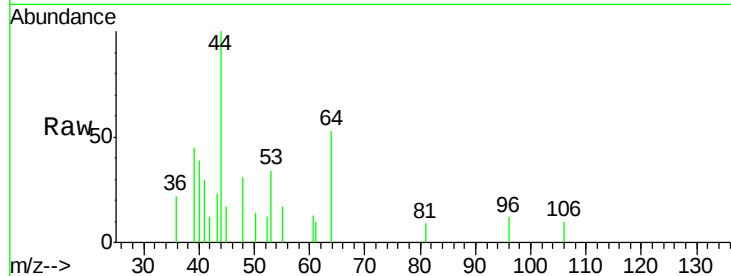
Tgt Ion: 53 Resp: 203

Ion Ratio Lower Upper

53 100

52 46.8 66.6 99.8#

51 0.0 29.3 43.9#



#16

Acetone

Concen: 7.07 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000462.D

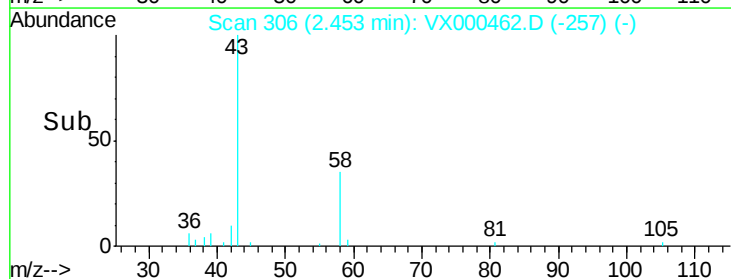
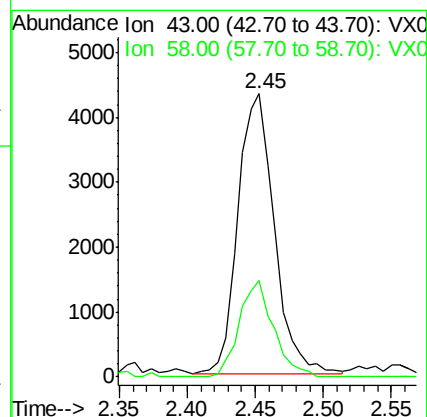
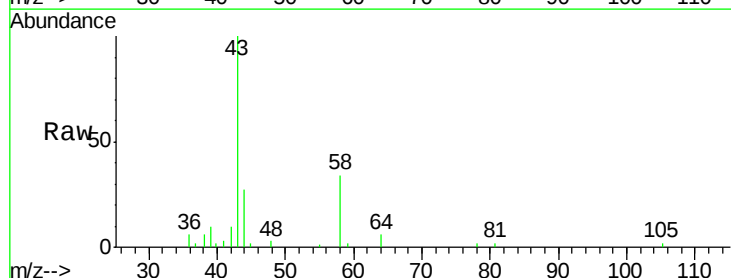
Acq: 27 Mar 2018 16:56

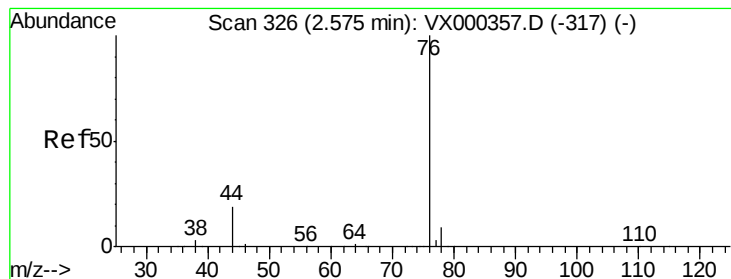
Tgt Ion: 43 Resp: 8025

Ion Ratio Lower Upper

43 100

58 34.5 24.7 37.1





#17

Carbon Disulfide

Concen: 1.70 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000462.D

Acq: 27 Mar 2018 16:56

Instrument :

MSVOA_X

ClientSampleId :

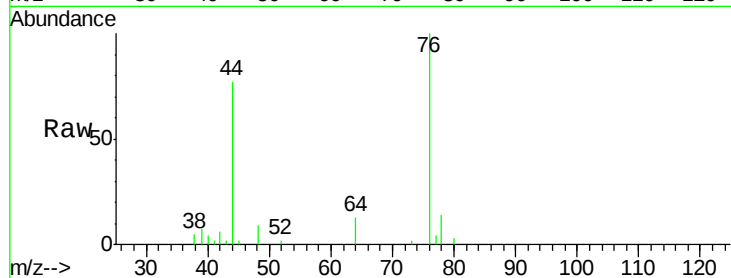
TP-1-MH-D-S

Tgt Ion: 76 Resp: 5073

Ion Ratio Lower Upper

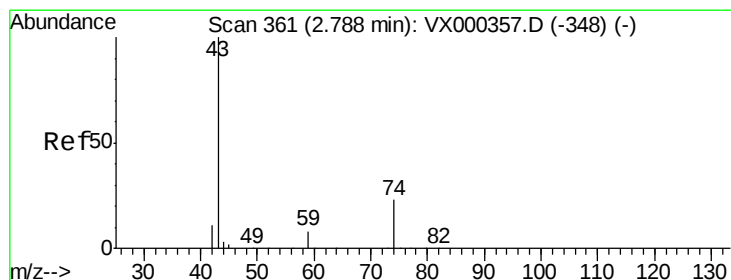
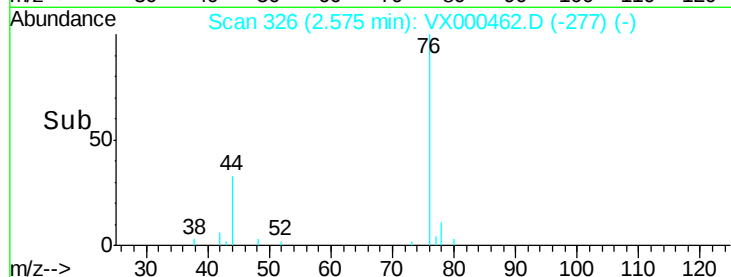
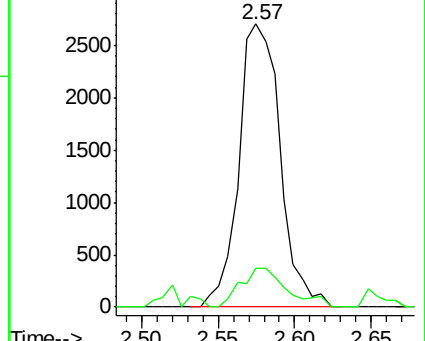
76 100

78 13.6 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.25 ug/l

RT: 2.79 min Scan# 361

Delta R.T. 0.00 min

Lab File: VX000462.D

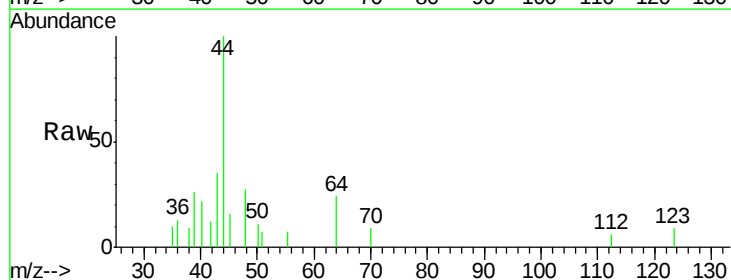
Acq: 27 Mar 2018 16:56

Tgt Ion: 43 Resp: 586

Ion Ratio Lower Upper

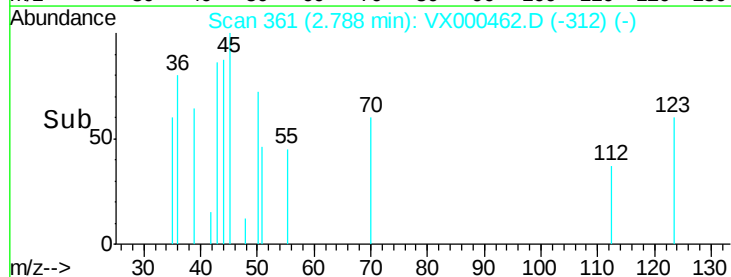
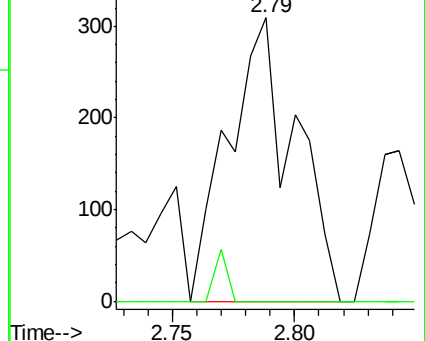
43 100

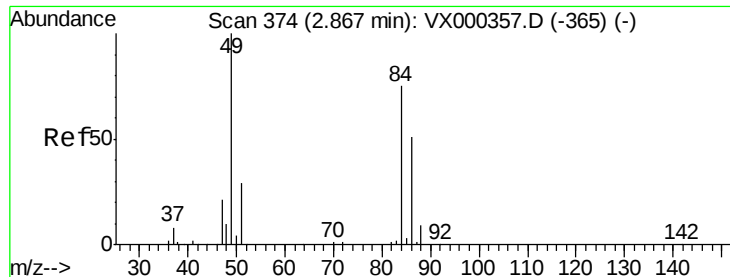
74 3.6 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

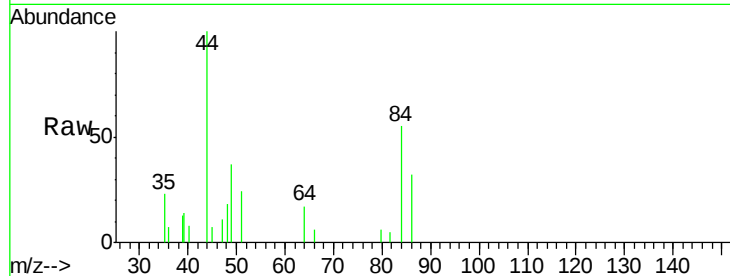




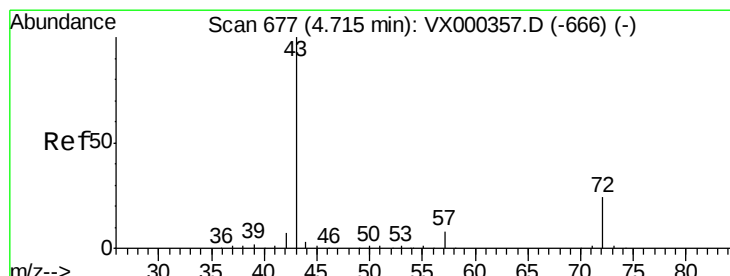
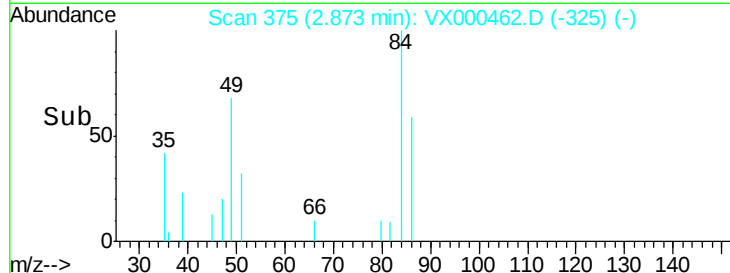
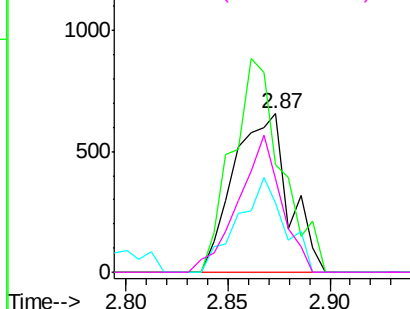
#20
Methylene Chloride
Concen: 0.94 ug/l
RT: 2.87 min Scan# 375
Delta R.T. 0.01 min
Lab File: VX000462.D
Acq: 27 Mar 2018 16:56

Instrument :
MSVOA_X
ClientSampled :
TP-1-MH-D-S

Tgt Ion: 84 Resp: 1236
Ion Ratio Lower Upper
84 100
49 67.9 100.6 151.0#
51 43.8 31.6 47.4
86 58.9 52.6 78.8

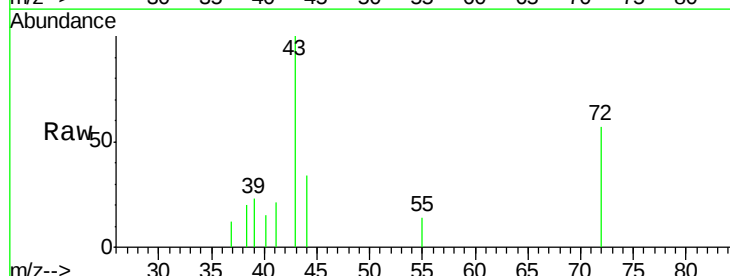


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

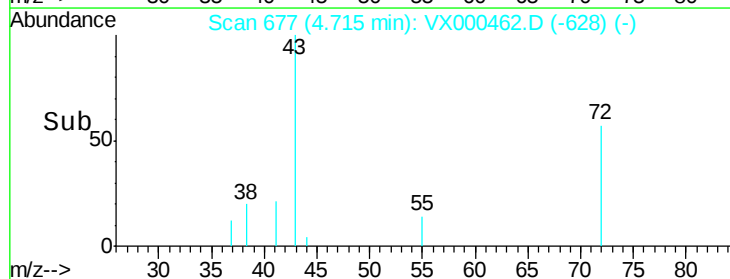
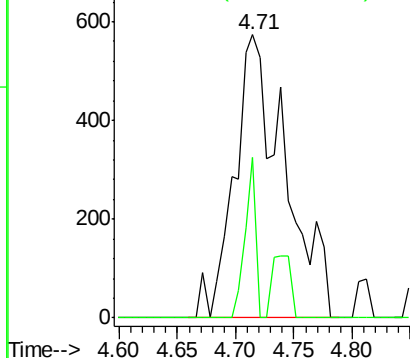


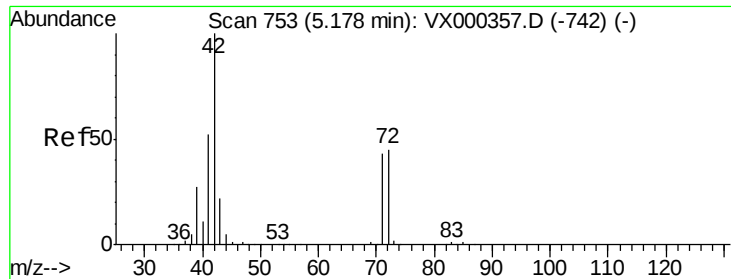
#25
2-Butanone
Concen: 1.35 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.00 min
Lab File: VX000462.D
Acq: 27 Mar 2018 16:56

Tgt Ion: 43 Resp: 1721
Ion Ratio Lower Upper
43 100
72 56.7 21.0 31.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0





#29

Tetrahydrofuran

Concen: 0.64 ug/l

RT: 5.18 min Scan# 754

Delta R.T. 0.01 min

Lab File: VX000462.D

Acq: 27 Mar 2018 16:56

Instrument :

MSVOA_X

ClientSampleId :

TP-1-MH-D-S

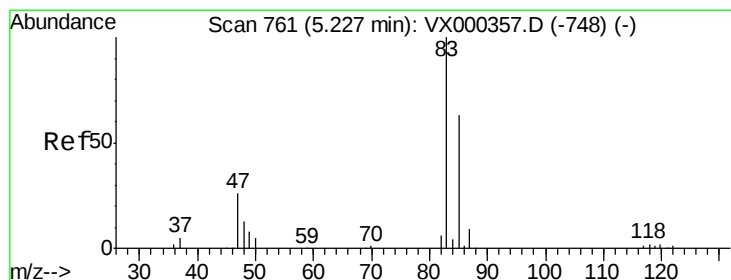
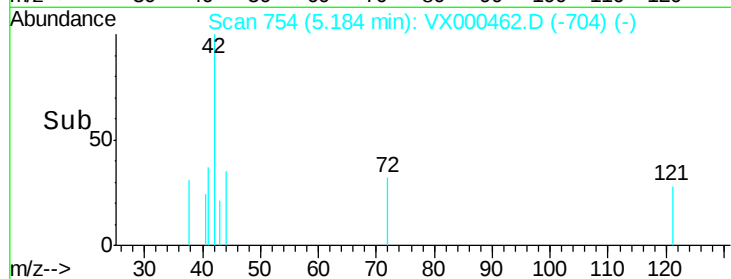
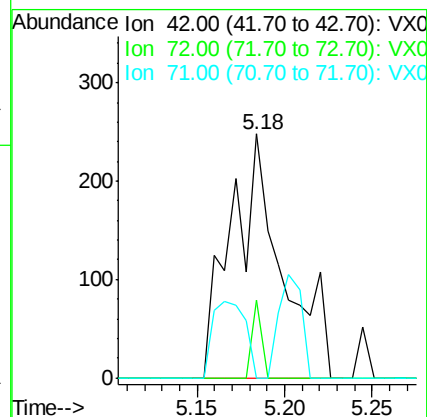
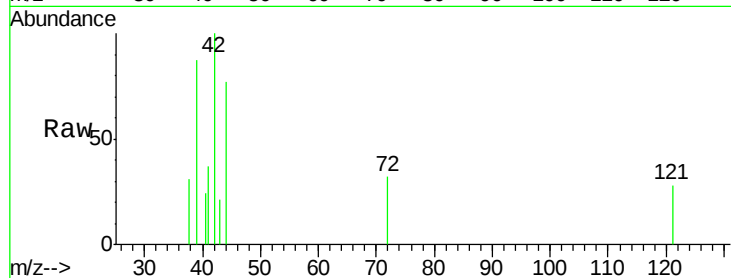
Tgt Ion: 42 Resp: 505

Ion Ratio Lower Upper

42 100

72 5.7 37.9 56.9#

71 18.8 34.4 51.6#



#30

Chloroform

Concen: 0.39 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX000462.D

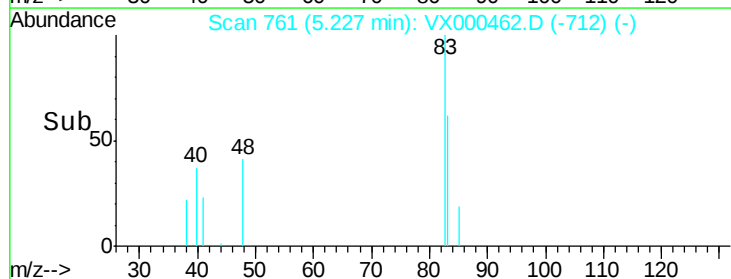
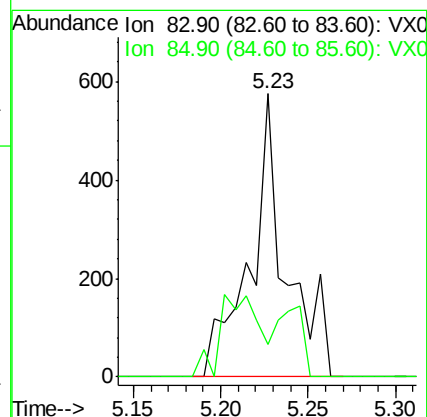
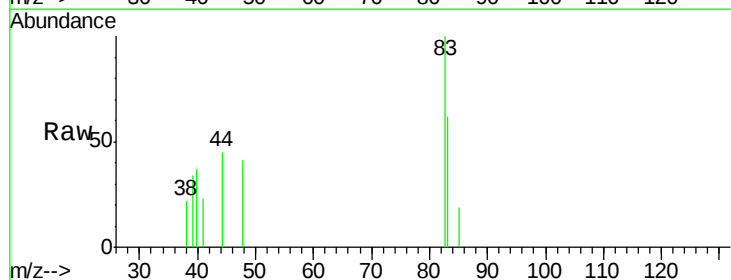
Acq: 27 Mar 2018 16:56

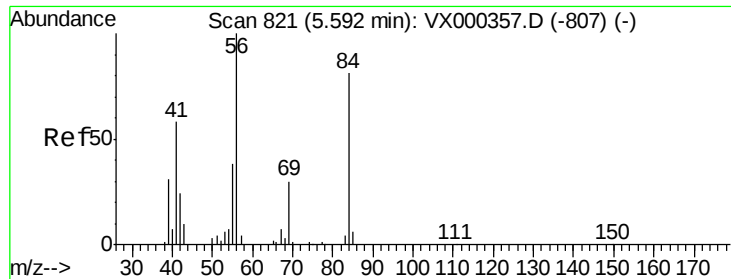
Tgt Ion: 83 Resp: 815

Ion Ratio Lower Upper

83 100

85 11.5 53.3 79.9#

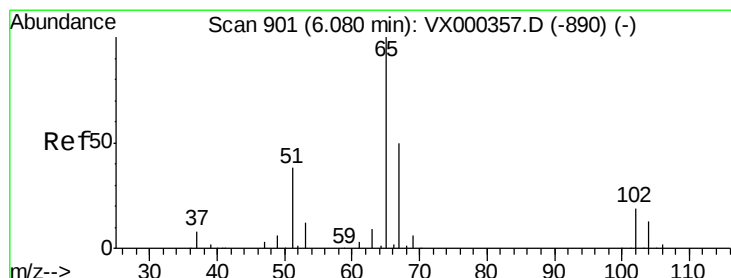
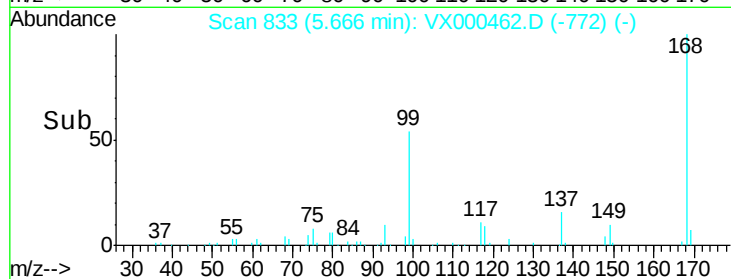
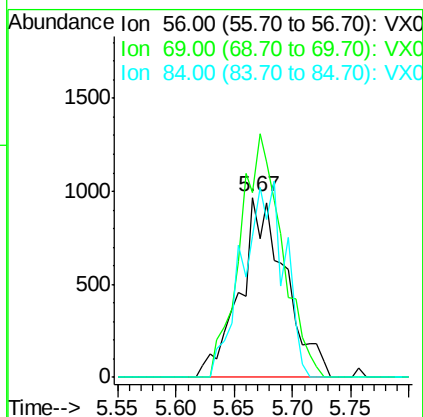
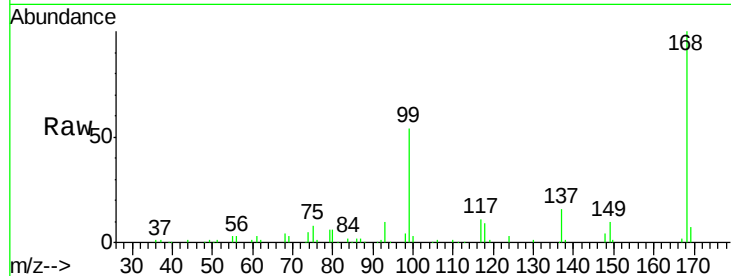




#31
Cyclohexane
Concen: 1.52 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.07 min
Lab File: VX000462.D
Acq: 27 Mar 2018 16:56

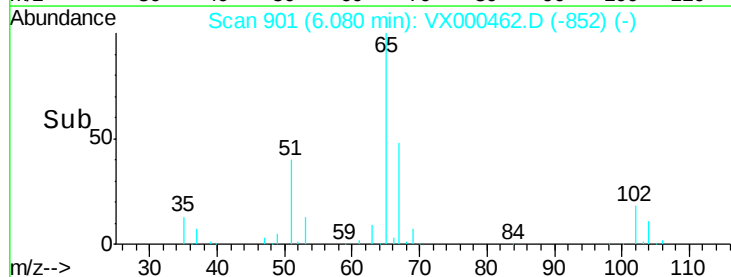
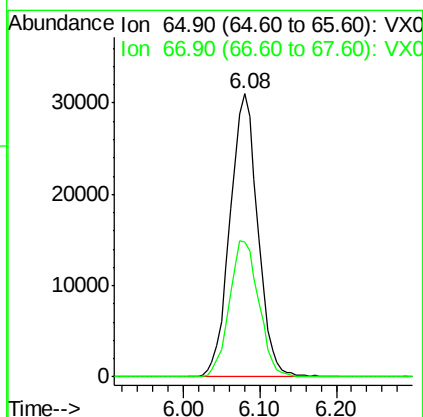
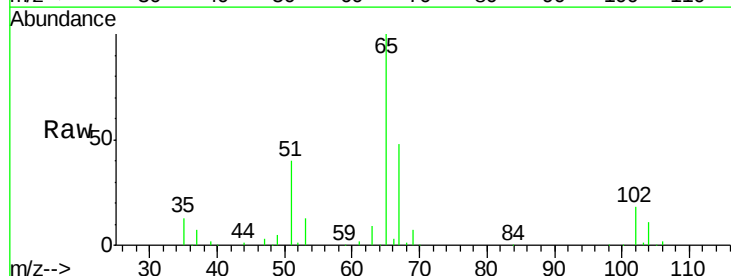
Instrument :
MSVOA_X
ClientSampleId :
TP-1-MH-D-S

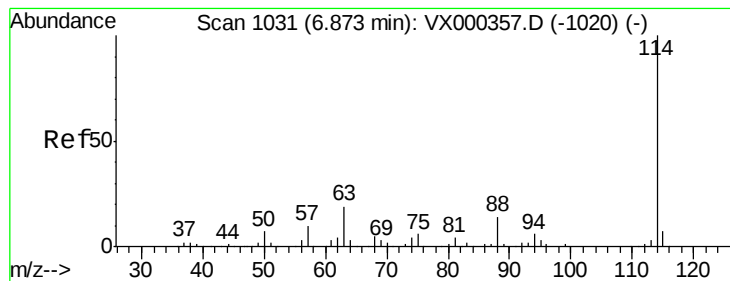
Tgt Ion: 56 Resp: 2622
Ion Ratio Lower Upper
56 100
69 102.3 23.4 35.0#
84 78.5 71.0 106.4



#33
1,2-Dichloroethane-d4
Concen: 57.19 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.00 min
Lab File: VX000462.D
Acq: 27 Mar 2018 16:56

Tgt Ion: 65 Resp: 78049
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VX000462.D

Acq: 27 Mar 2018 16:56

Instrument :

MSVOA_X

ClientSampleId :

TP-1-MH-D-S

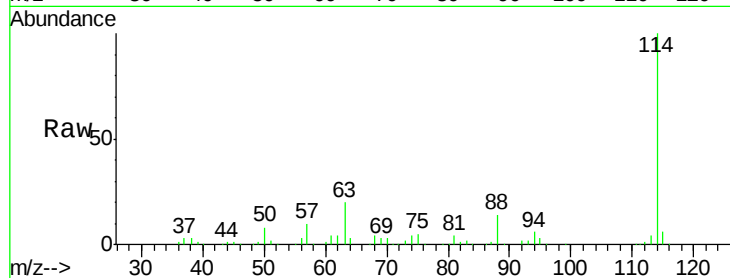
Tgt Ion:114 Resp: 183949

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.4

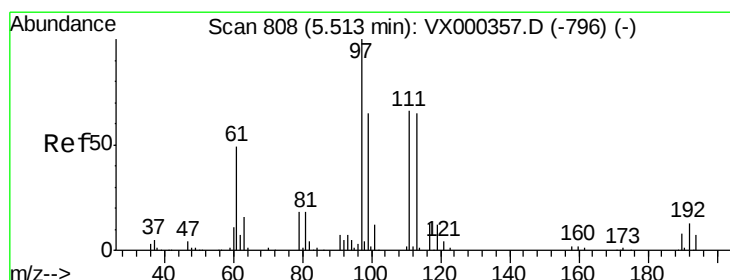
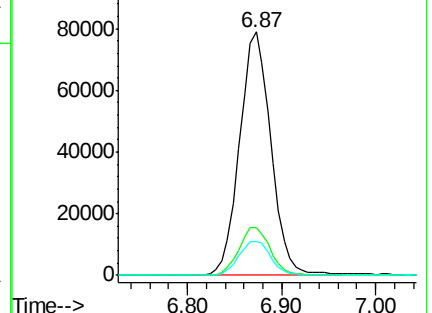
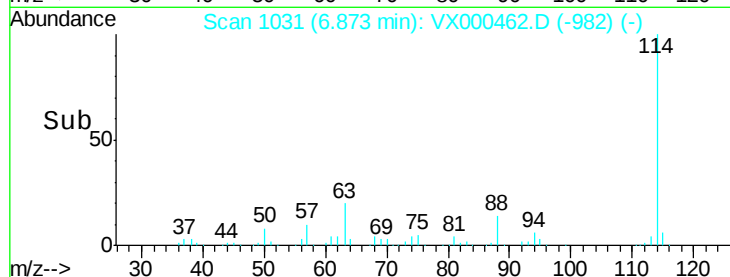
88 13.6 0.0 27.0



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: 51.97 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000462.D

Acq: 27 Mar 2018 16:56

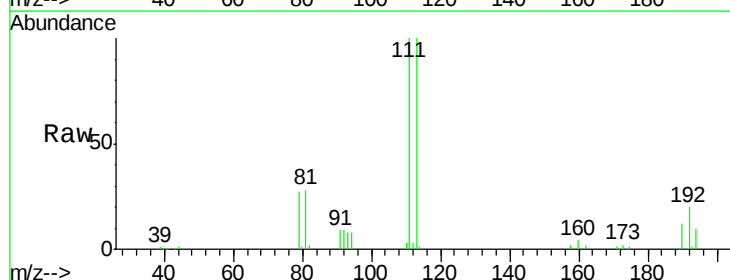
Tgt Ion:113 Resp: 60236

Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

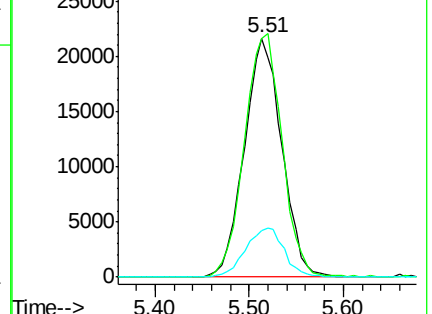
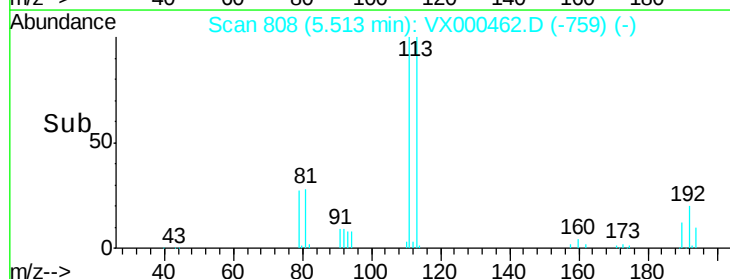
192 21.0 15.8 23.6

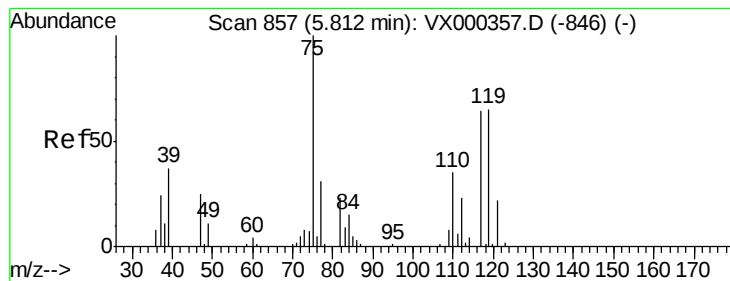


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.61 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.15 min

Lab File: VX000462.D

Acq: 27 Mar 2018 16:56

Instrument :

MSVOA_X

ClientSampled :

TP-1-MH-D-S

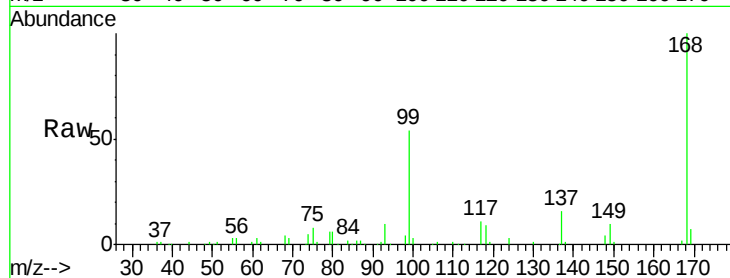
Tgt Ion: 75 Resp: 7938

Ion Ratio Lower Upper

75 100

110 0.0 17.9 53.7#

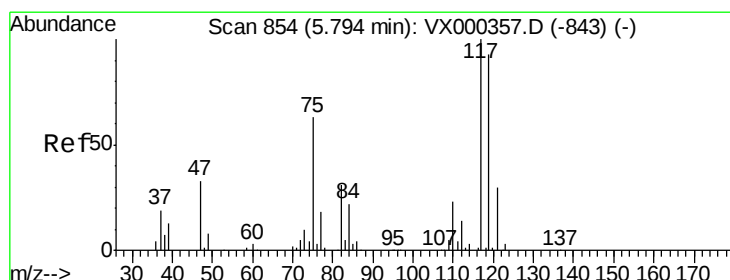
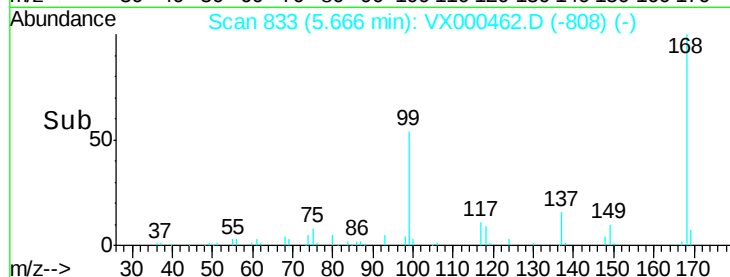
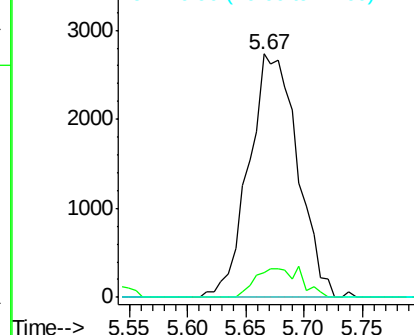
77 0.0 24.0 36.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 5.59 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX000462.D

Acq: 27 Mar 2018 16:56

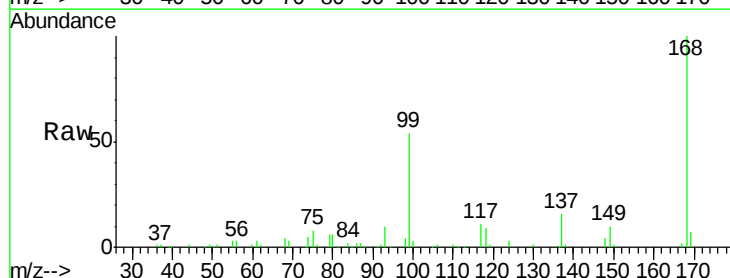
Tgt Ion: 117 Resp: 10111

Ion Ratio Lower Upper

117 100

119 5.3 77.4 116.2#

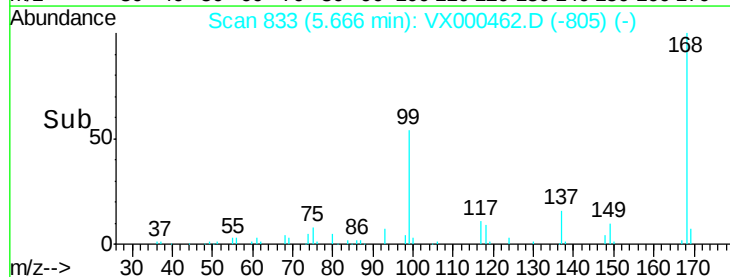
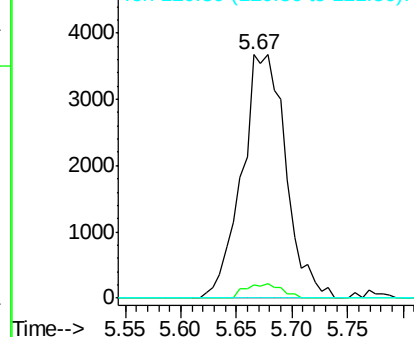
121 0.0 24.8 37.2#

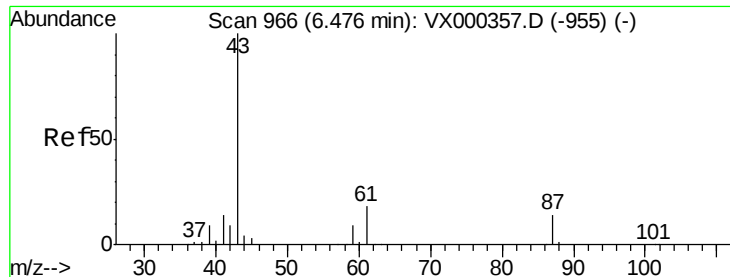


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 0.40 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000462.D

Acq: 27 Mar 2018 16:56

Instrument :

MSVOA_X

ClientSampleId :

TP-1-MH-D-S

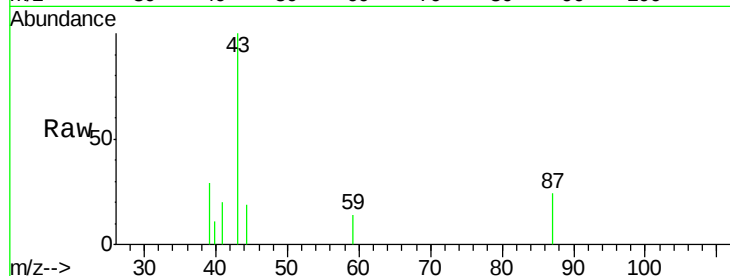
Tgt Ion: 43 Resp: 1397

Ion Ratio Lower Upper

43 100

61 7.6 14.4 21.6#

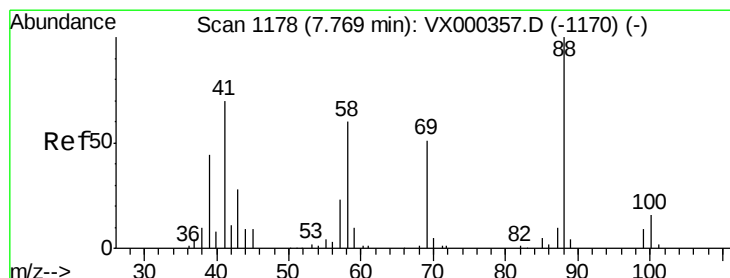
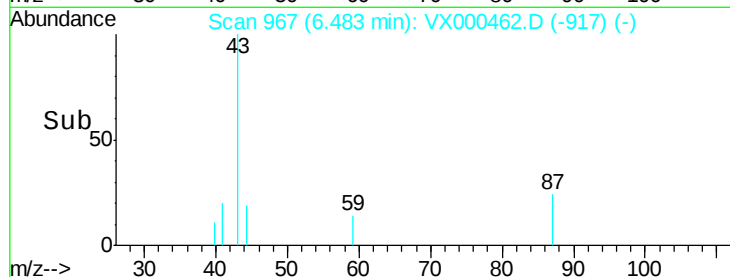
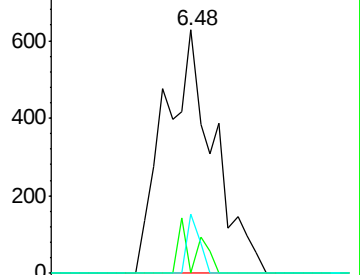
87 5.9 11.0 16.4#



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



#49

1,4-Dioxane

Concen: 1.20 ug/l

RT: 7.88 min Scan# 1197

Delta R.T. 0.12 min

Lab File: VX000462.D

Acq: 27 Mar 2018 16:56

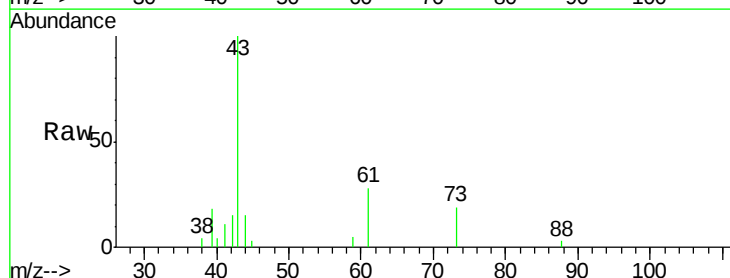
Tgt Ion: 88 Resp: 43

Ion Ratio Lower Upper

88 100

43 14346.5 26.8 40.2#

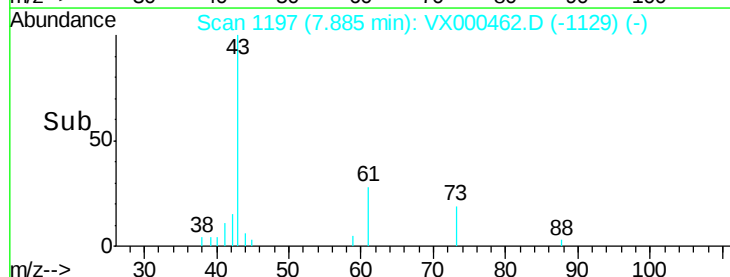
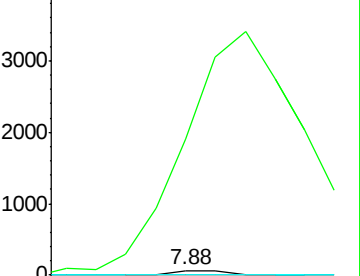
58 0.0 52.2 78.2#

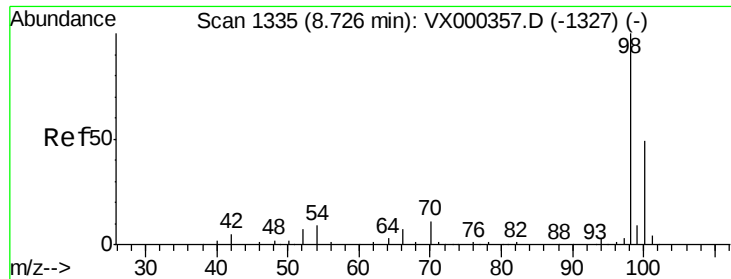


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

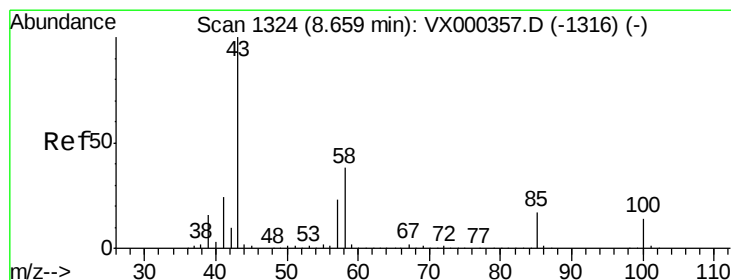
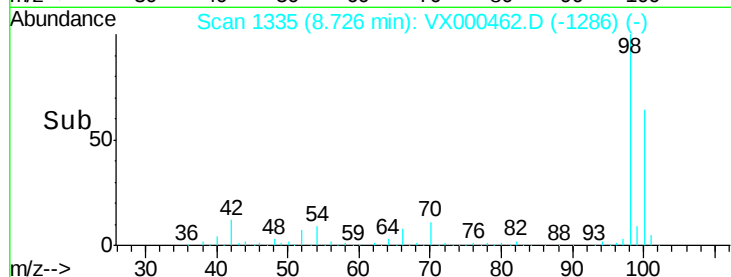
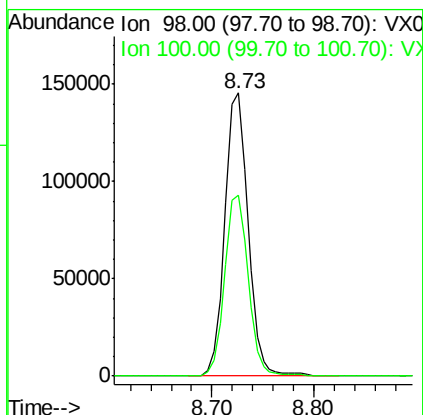
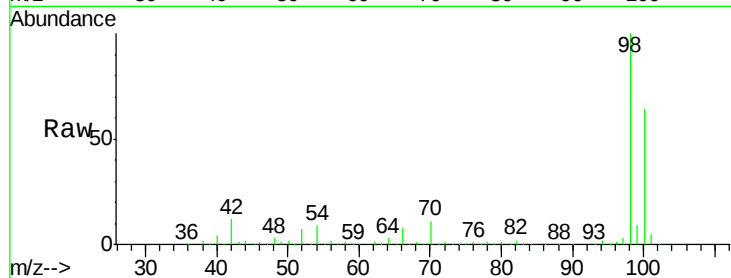




#50
Toluene-d8
Concen: 48.17 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000462.D
Acq: 27 Mar 2018 16:56

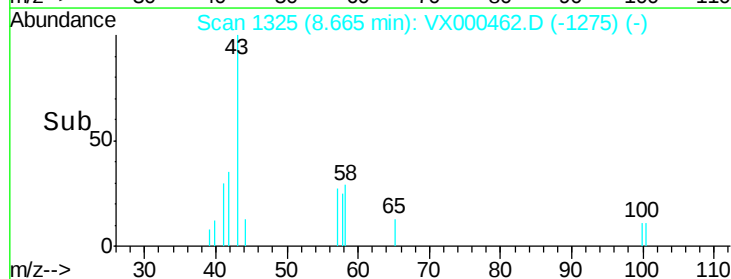
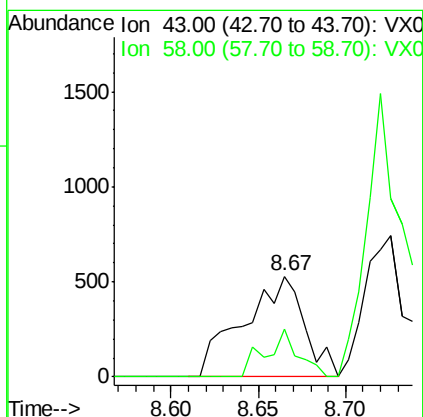
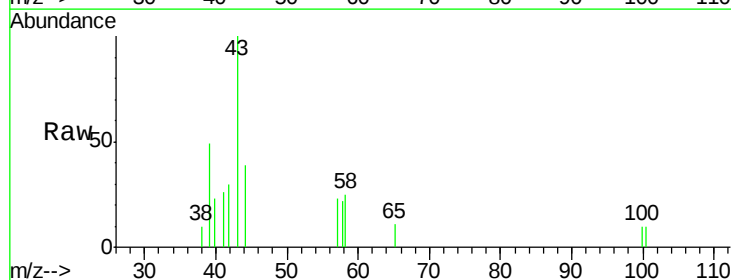
Instrument :
MSVOA_X
ClientSampleId :
TP-1-MH-D-S

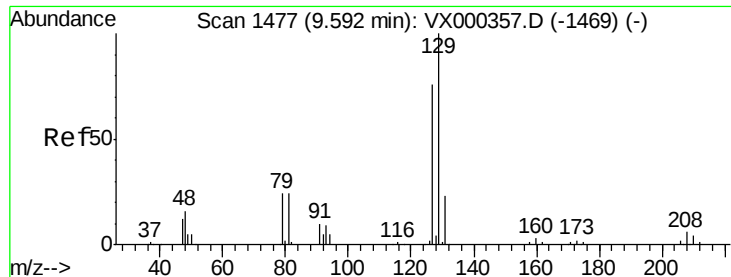
Tgt Ion: 98 Resp: 231246
Ion Ratio Lower Upper
98 100
100 64.9 51.2 76.8



#51
4-Methyl-2-Pentanone
Concen: 0.48 ug/l
RT: 8.67 min Scan# 1325
Delta R.T. 0.01 min
Lab File: VX000462.D
Acq: 27 Mar 2018 16:56

Tgt Ion: 43 Resp: 1294
Ion Ratio Lower Upper
43 100
58 25.1 30.3 45.5#





#60

Dibromochloromethane

Concen: 4.13 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.01 min

Lab File: VX000462.D

Acq: 27 Mar 2018 16:56

Instrument :

MSVOA_X

ClientSampled :

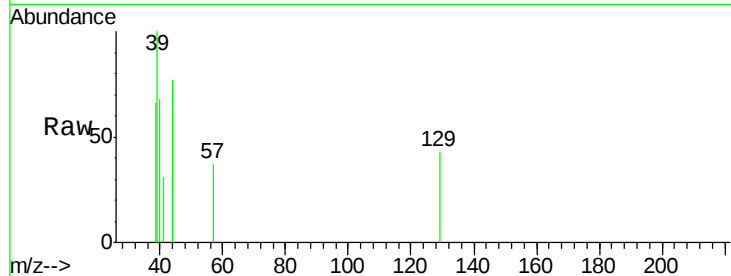
TP-1-MH-D-S

Tgt Ion:129 Resp: 26

Ion Ratio Lower Upper

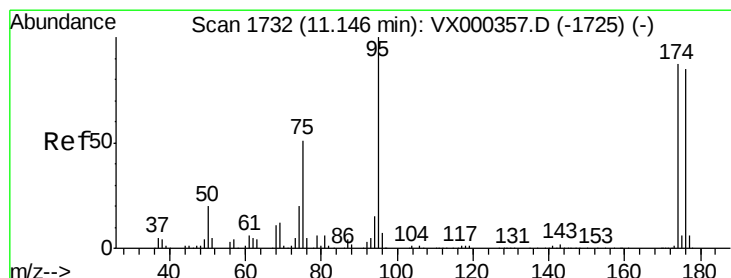
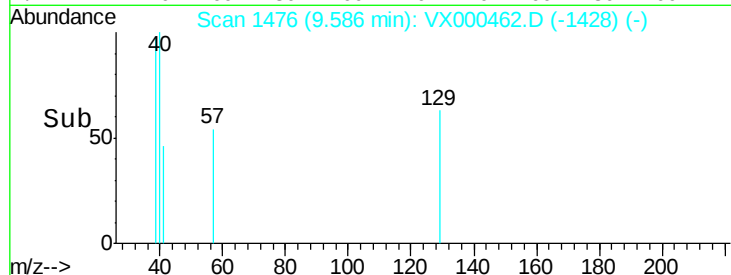
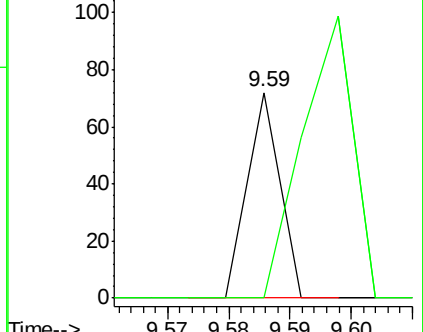
129 100

127 219.2 37.9 113.6#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 39.62 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000462.D

Acq: 27 Mar 2018 16:56

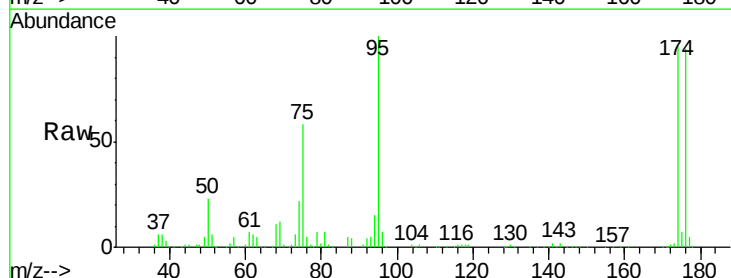
Tgt Ion: 95 Resp: 77400

Ion Ratio Lower Upper

95 100

174 91.4 0.0 173.6

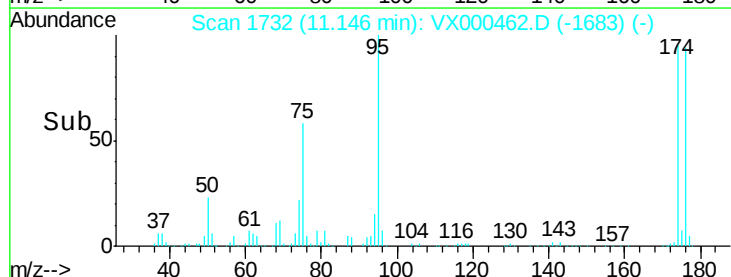
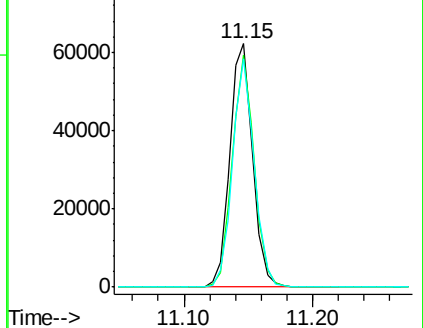
176 89.2 0.0 164.6

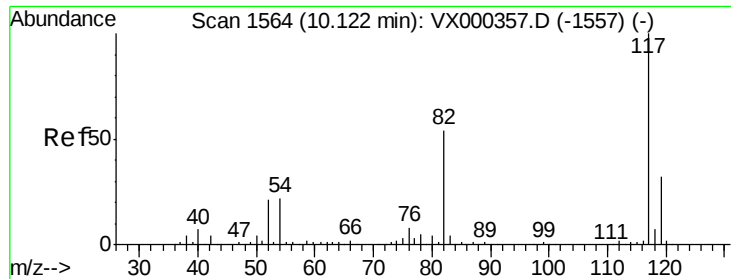


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

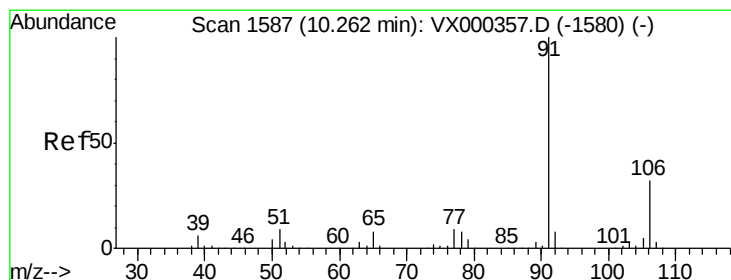
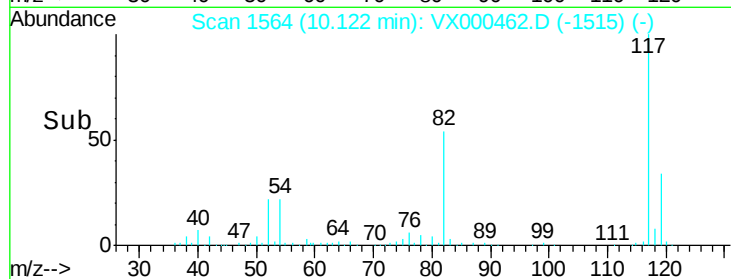
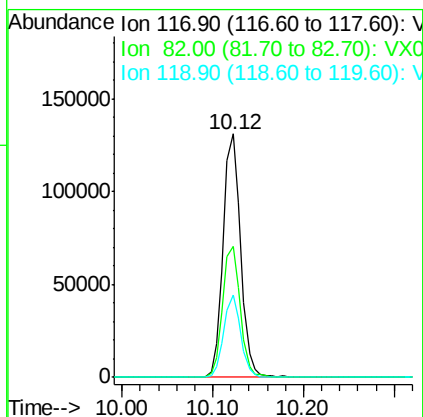
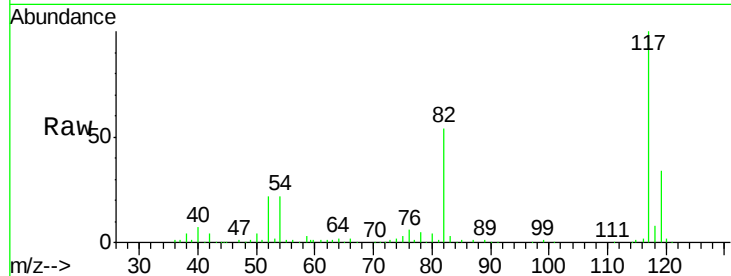




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000462.D
Acq: 27 Mar 2018 16:56

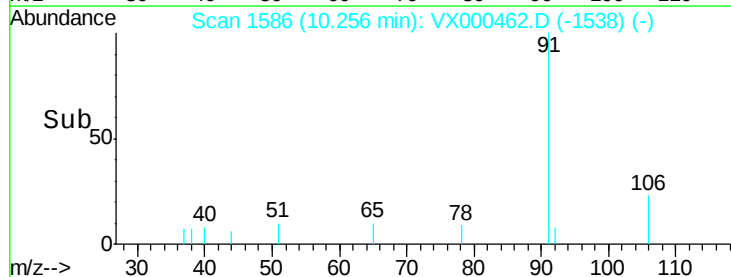
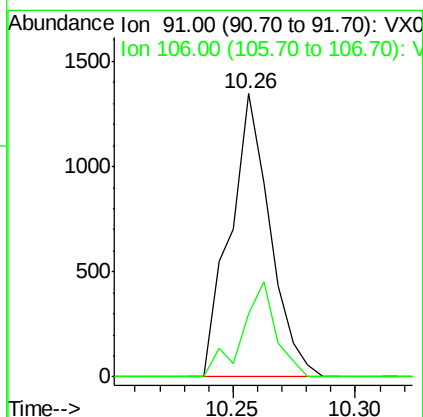
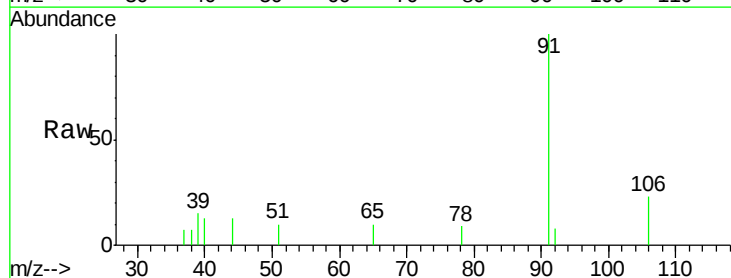
Instrument :
MSVOA_X
ClientSampleId :
TP-1-MH-D-S

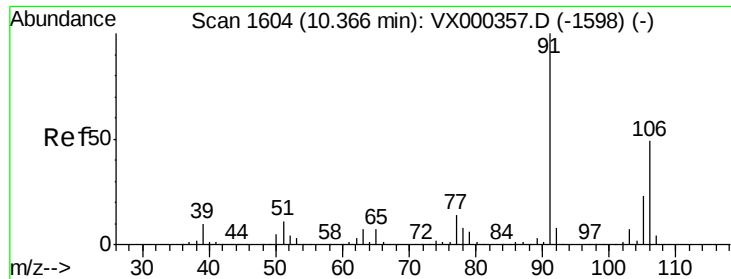
Tgt Ion: 117 Resp: 177106
Ion Ratio Lower Upper
117 100
82 53.6 43.8 65.8
119 33.9 24.9 37.3



#67
Ethyl Benzene
Concen: 0.23 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000462.D
Acq: 27 Mar 2018 16:56

Tgt Ion: 91 Resp: 1525
Ion Ratio Lower Upper
91 100
106 22.5 25.0 37.6#

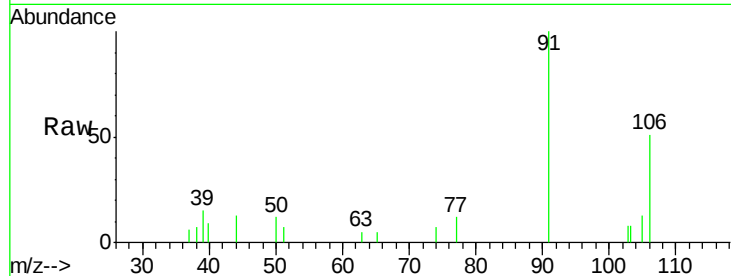




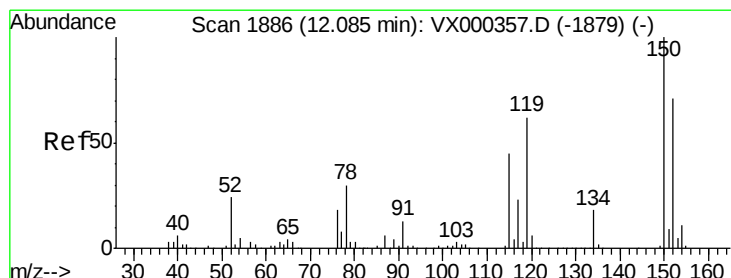
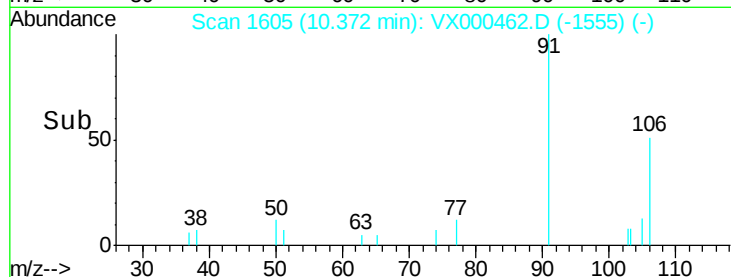
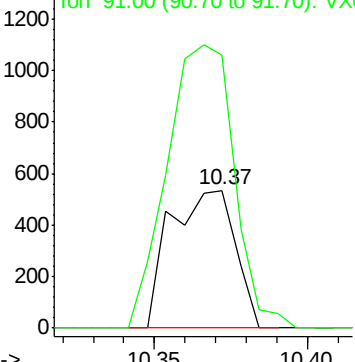
#68
m/p-Xylenes
Concen: 0.30 ug/l
RT: 10.37 min Scan# 1605
Delta R.T. 0.01 min
Lab File: VX000462.D
Acq: 27 Mar 2018 16:56

Instrument :
MSVOA_X
ClientSampled :
TP-1-MH-D-S

Tgt Ion:106 Resp: 788
Ion Ratio Lower Upper
106 100
91 212.6 163.4 245.2

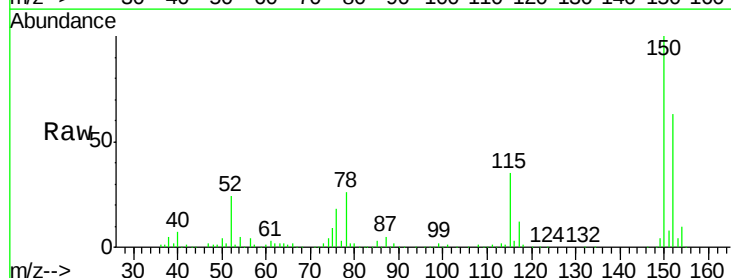


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

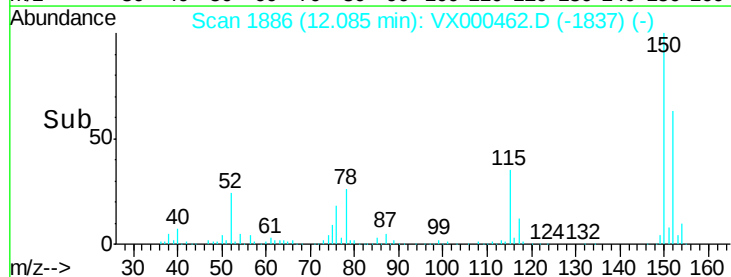
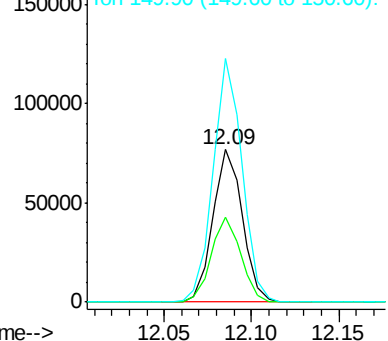


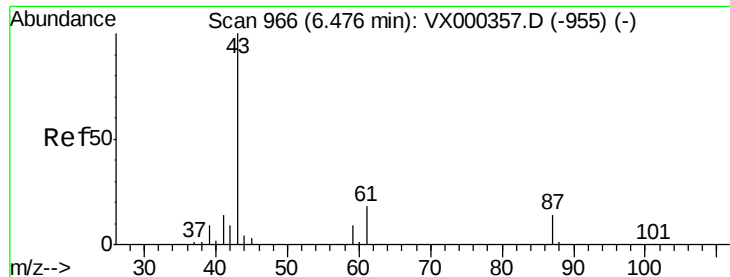
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000462.D
Acq: 27 Mar 2018 16:56

Tgt Ion:152 Resp: 90035
Ion Ratio Lower Upper
152 100
115 56.1 39.8 119.3
150 156.8 0.0 344.4



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





#74

N-amyI acetate

Concen: Below Cal

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000462.D

Acq: 27 Mar 2018 16:56

Instrument :

MSVOA_X

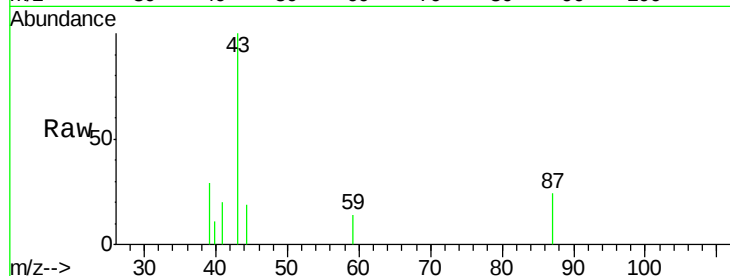
ClientSampleId :

TP-1-MH-D-S

Tgt Ion: 43 Resp: 1397

Ion Ratio Lower Upper

43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0
61	7.6	14.4	21.6#

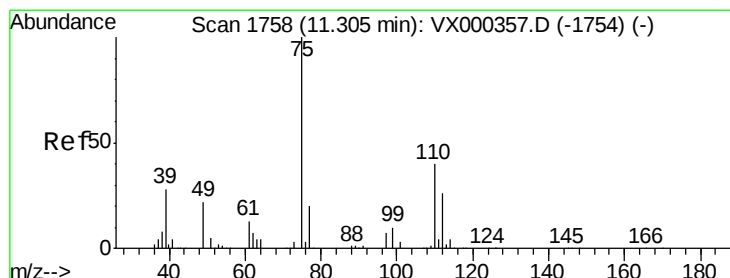
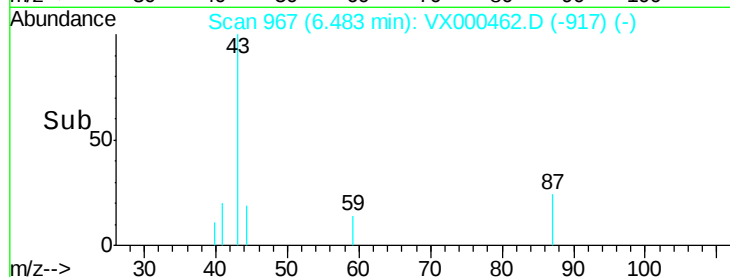
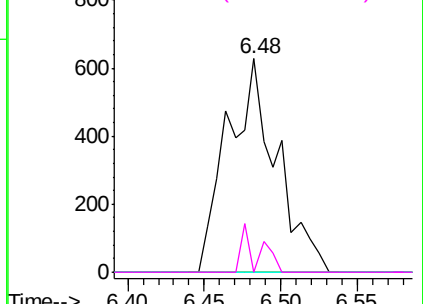


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 23.20 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

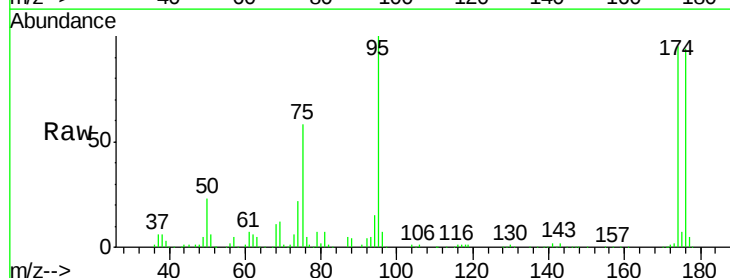
Lab File: VX000462.D

Acq: 27 Mar 2018 16:56

Tgt Ion: 75 Resp: 44886

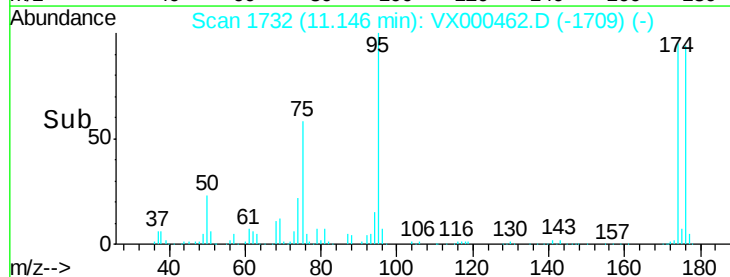
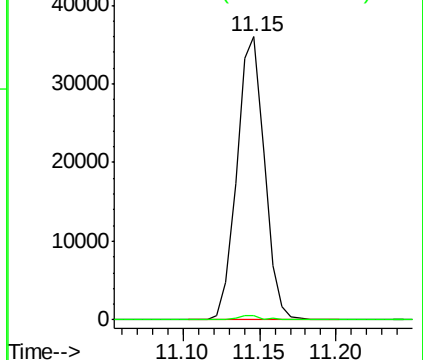
Ion Ratio Lower Upper

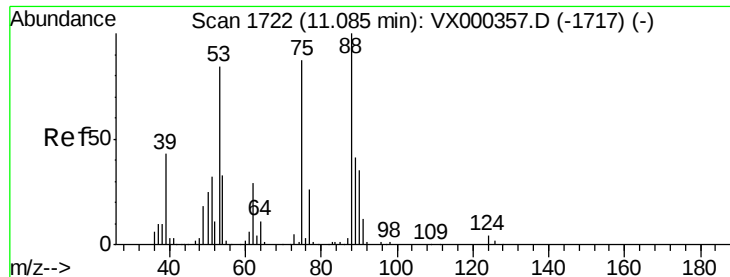
75	100		
77	1.6	21.4	64.2#



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: 75.10 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.06 min

Lab File: VX000462.D

Acq: 27 Mar 2018 16:56

Instrument :

MSVOA_X

ClientSampleId :

TP-1-MH-D-S

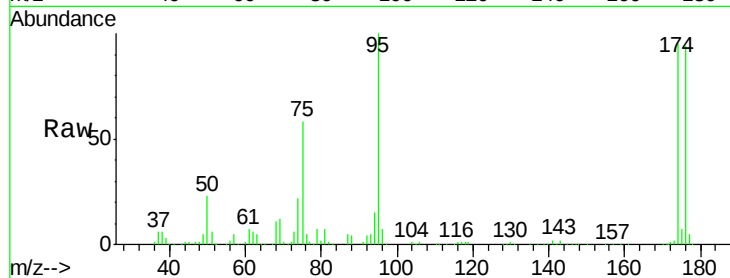
Tgt Ion: 75 Resp: 44886

Ion Ratio Lower Upper

75 100

53 0.0 80.7 121.1#

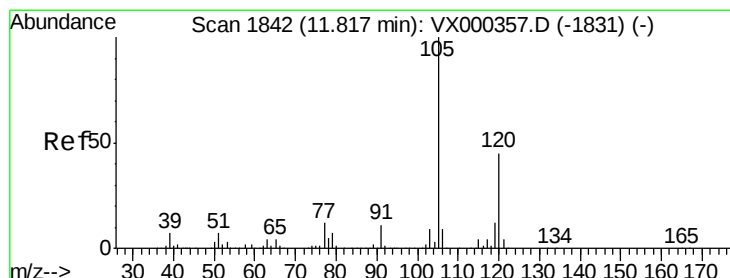
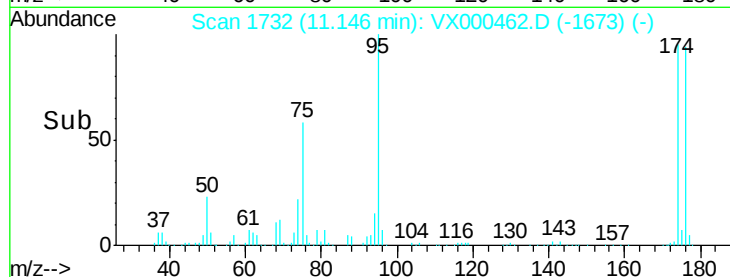
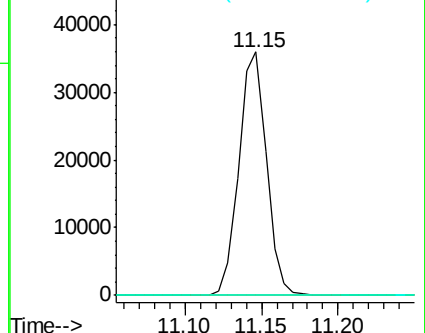
89 0.0 39.4 59.0#



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



#84

1,2,4-Trimethylbenzene

Concen: 0.34 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.01 min

Lab File: VX000462.D

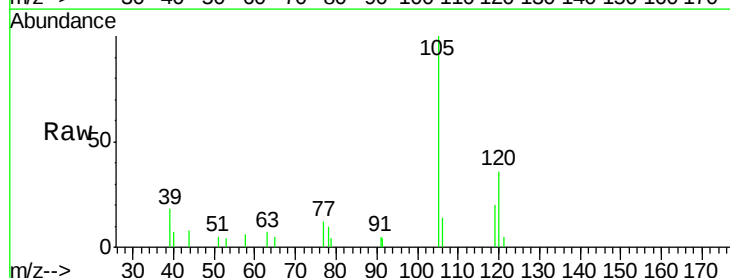
Acq: 27 Mar 2018 16:56

Tgt Ion: 105 Resp: 1774

Ion Ratio Lower Upper

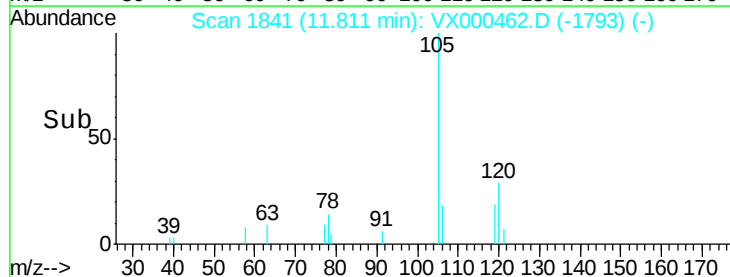
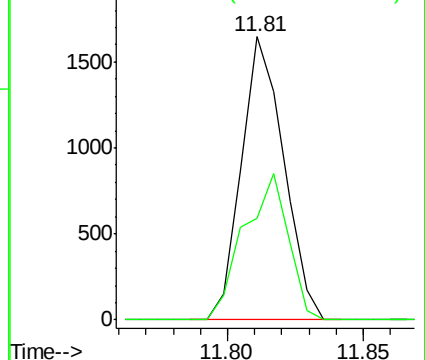
105 100

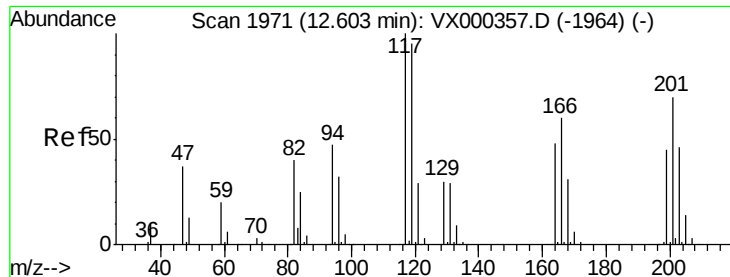
120 54.2 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#90

Hexachloroethane

Concen: 0.29 ug/l

RT: 12.48 min Scan# 1951

Delta R.T. -0.12 min

Lab File: VX000462.D

Acq: 27 Mar 2018 16:56

Instrument :

MSVOA_X

ClientSampled :

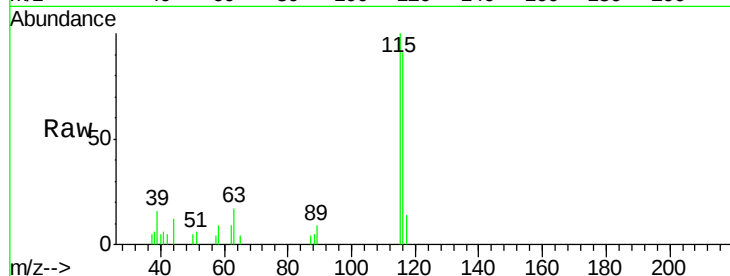
TP-1-MH-D-S

Tgt Ion:117 Resp: 258

Ion Ratio Lower Upper

117 100

201 0.0 37.9 113.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.48

250

200

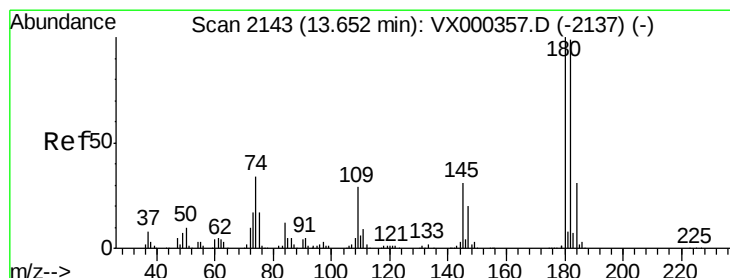
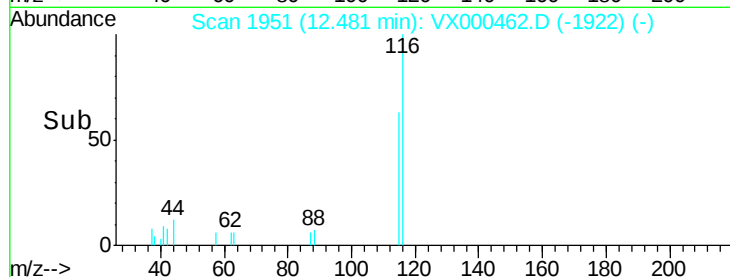
150

100

50

0

Time--> 12.44 12.46 12.48 12.50



#93

1,2,4-Trichlorobenzene

Concen: 0.23 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX000462.D

Acq: 27 Mar 2018 16:56

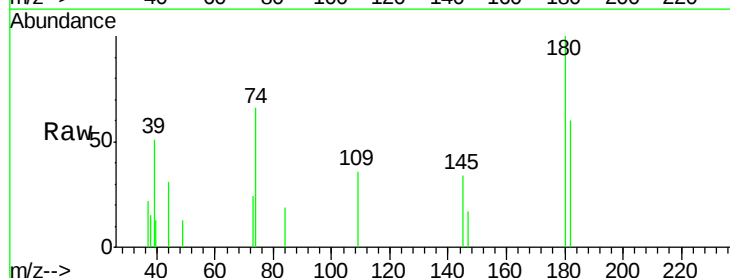
Tgt Ion:180 Resp: 484

Ion Ratio Lower Upper

180 100

182 99.2 47.6 142.9

145 22.1 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

13.65

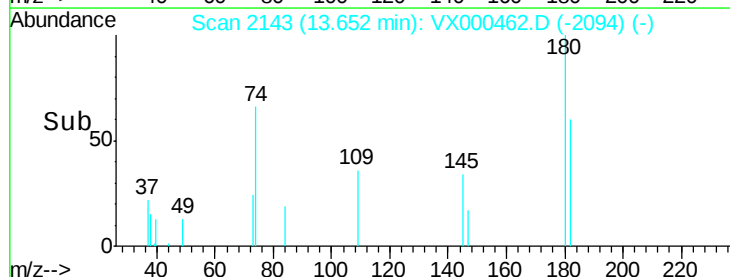
600

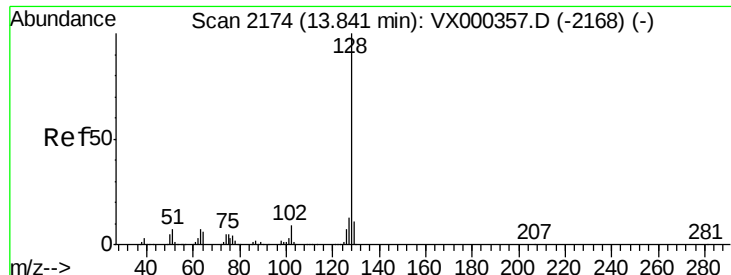
400

200

0

Time--> 13.65





#95
Naphthalene
Concen: 6.25 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000462.D
Acq: 27 Mar 2018 16:56

Instrument :
MSVOA_X
ClientSampleId :
TP-1-MH-D-S

Tgt Ion:128 Resp: 45971
Ion Ratio Lower Upper
128 100
127 13.7 10.6 15.8
129 10.6 8.9 13.3

