

Data Path : W:\HPCHEM1\MSVOA_X\Data\VX033018\
 Data File : VX000563.D
 Acq On : 30 Mar 2018 16:40
 Operator : JC/MD
 Sample : J2139-10
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAD-1

Quant Time: Mar 30 17:06:10 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	5.67	168	94308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	165301	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	167257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	106226	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	66920	54.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.72%	
35) Dibromofluoromethane	5.51	113	50827	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
50) Toluene-d8	8.72	98	211984	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
62) 4-Bromofluorobenzene	11.15	95	79241	44.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.56%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	983	0.90	ug/l	90
5) Bromomethane	1.64	94	9044	6.57	ug/l	98
6) Chloroethane	1.73	64	220	Below Cal	#	77
8) Diethyl Ether	2.01	74	196	0.26	ug/l	# 4
10) Methyl Iodide	2.48	142	4010	7.45	ug/l	94
11) Tert butyl alcohol	3.09	59	199	0.47	ug/l	# 72
13) Acrolein	2.30	56	58	14.98	ug/l	# 1
14) Allyl chloride	2.73	41	79	Below Cal	#	1
17) Carbon Disulfide	2.52	76	1482	0.56	ug/l	# 77
18) Methyl Acetate	2.83	43	3631	1.69	ug/l	# 87
20) Methylene Chloride	2.85	84	1702	1.44	ug/l	# 84
29) Tetrahydrofuran	5.21	42	1150	1.62	ug/l	# 48
36) 1,1-Dichloropropene	5.67	75	7642	4.94	ug/l	# 46
38) Carbon Tetrachloride	5.67	117	9292	5.72	ug/l	# 18
39) Methylcyclohexane	7.45	83	859	0.46	ug/l	# 84
40) Benzene	6.14	78	51530	11.46	ug/l	95
42) 1,2-Dichloroethane	6.13	62	550	0.31	ug/l	# 78
52) Toluene	8.79	92	59524	18.94	ug/l	100
54) cis-1,3-Dichloropropene	8.79	75	794	0.44	ug/l	# 1
55) 1,1,2-Trichloroethane	9.17	97	588	0.45	ug/l	# 16
59) 2-Hexanone	9.45	43	1723	0.83	ug/l	# 25
60) Dibromochloromethane	9.34	129	46	4.14	ug/l	# 12
67) Ethyl Benzene	10.26	91	186198	29.51	ug/l	99
68) m/p-Xylenes	10.37	106	102482	41.27	ug/l	100
69) o-Xylene	10.71	106	52191	21.71	ug/l	92
70) Styrene	10.73	104	33672	8.46	ug/l	# 87
73) Isopropylbenzene	11.03	105	21052	2.99	ug/l	97
74) N-amyl acetate	6.46	43	42	Below Cal	#	59
75) 1,1,2,2-Tetrachloroethane	11.29	83	658	0.26	ug/l	# 25
76) 1,2,3-Trichloropropane	11.45	75	2398	1.05	ug/l	# 1
78) n-propylbenzene	11.37	91	15089	1.80	ug/l	98
79) 2-Chlorotoluene	11.45	91	33385	6.89	ug/l	# 42
80) 1,3,5-Trimethylbenzene	11.52	105	78439	13.25	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.15	75	44276	62.79	ug/l	# 9

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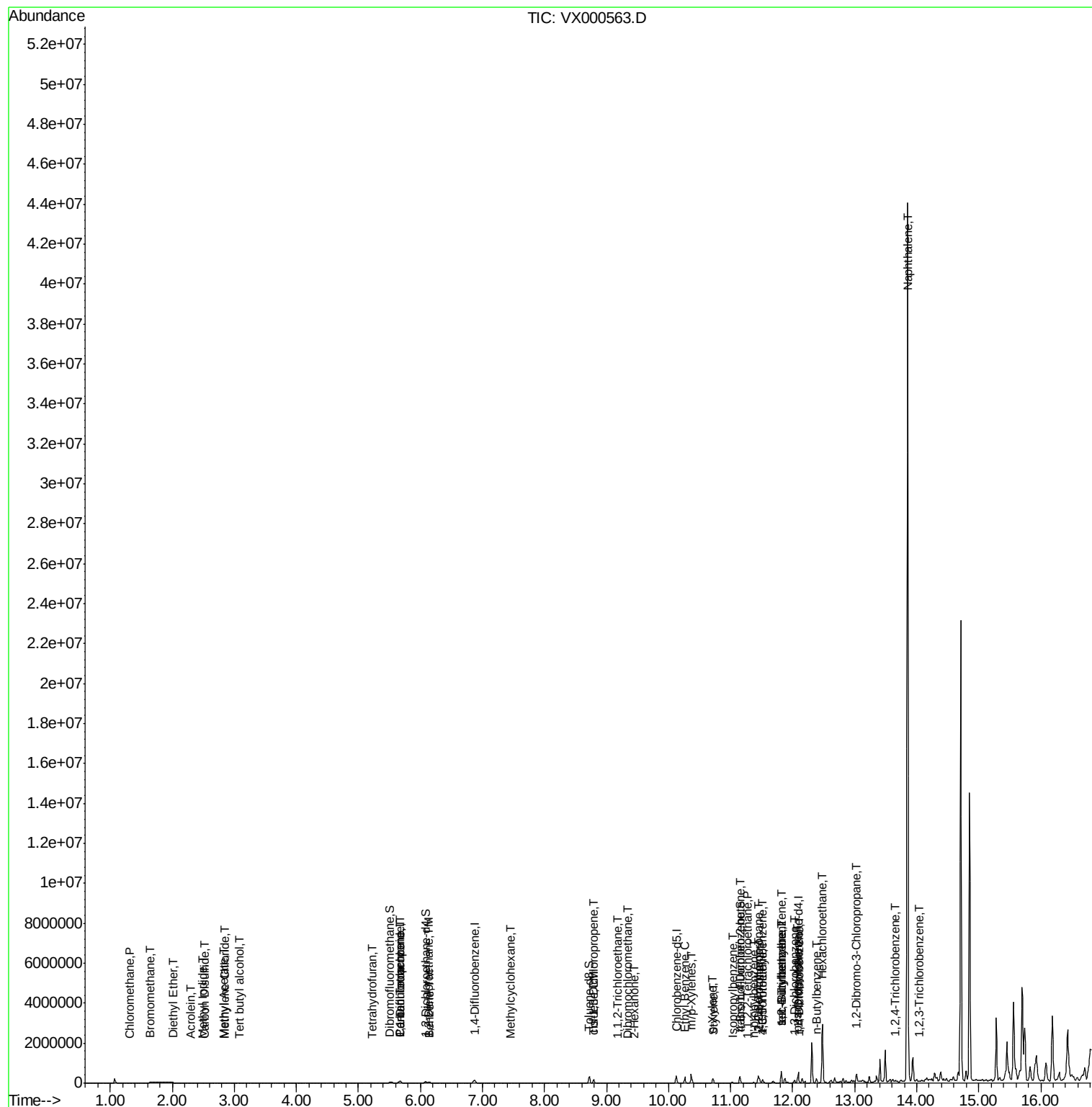
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	11.52	91	9908	1.71	ug/l #	47
83) tert-Butylbenzene	11.82	119	31153	5.22	ug/l #	49
84) 1,2,4-Trimethylbenzene	11.82	105	244866	39.47	ug/l	98
85) sec-Butylbenzene	11.82	105	244866	33.16	ug/l #	56
86) p-Isopropyltoluene	12.07	119	14781	2.25	ug/l	91
87) 1,3-Dichlorobenzene	12.04	146	988	0.28	ug/l #	78
88) 1,4-Dichlorobenzene	12.11	146	4131	1.11	ug/l #	63
89) n-Butylbenzene	12.38	91	23864	3.91	ug/l #	7
90) Hexachloroethane	12.48	117	100867	97.71	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	13.03	75	5456	7.86	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.66	180	2174	0.87	ug/l #	44
95) Naphthalene	13.85	128	16853321	1941.71	ug/l #	65
96) 1,2,3-Trichlorobenzene	14.04	180	1199	0.49	ug/l #	1

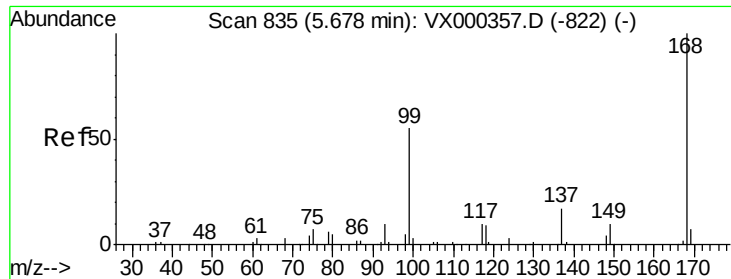
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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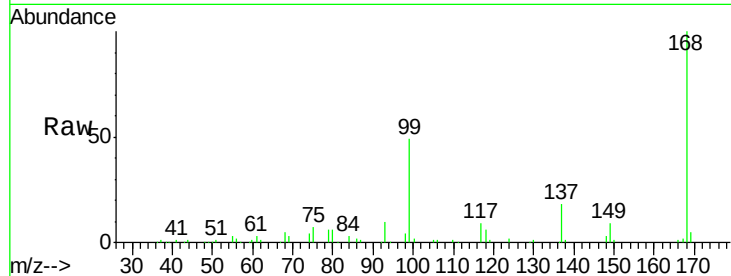




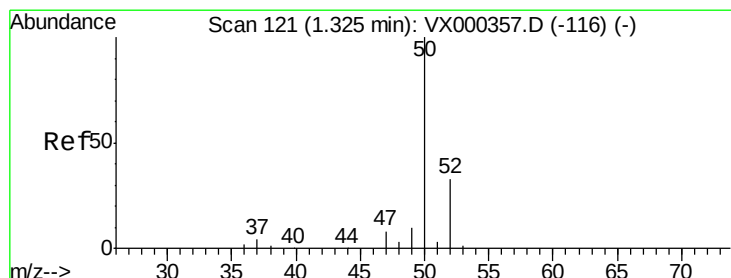
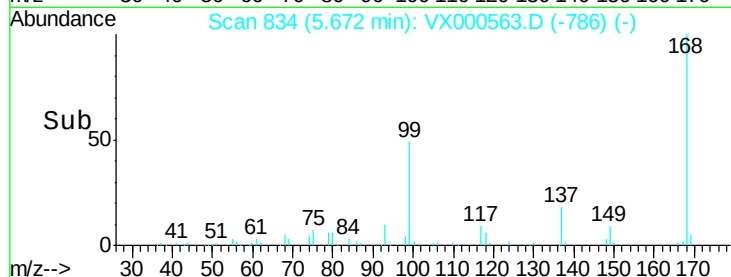
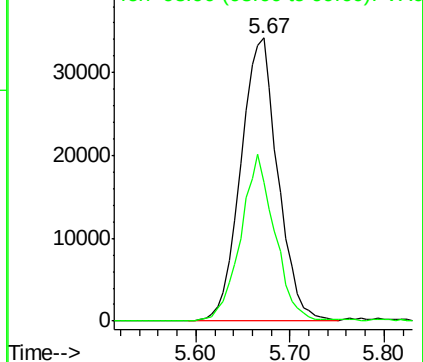
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.01 min
Lab File: VX000563.D
Acq: 30 Mar 2018 16:40

Instrument :
MSVOA_X
ClientSampleId :
PAD-1

Tgt Ion:168 Resp: 94308
Ion Ratio Lower Upper
168 100
99 49.0 45.8 68.6

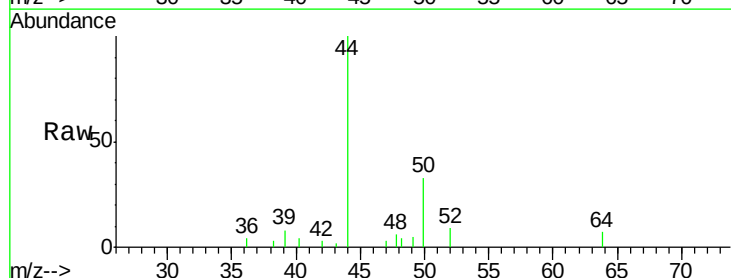


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VX0

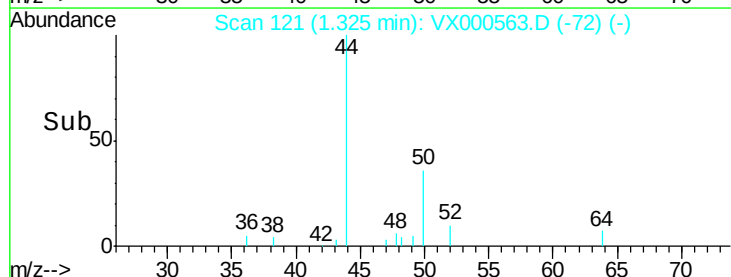
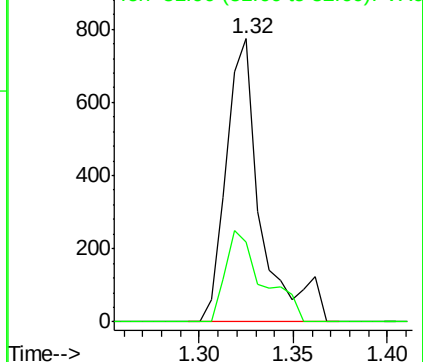


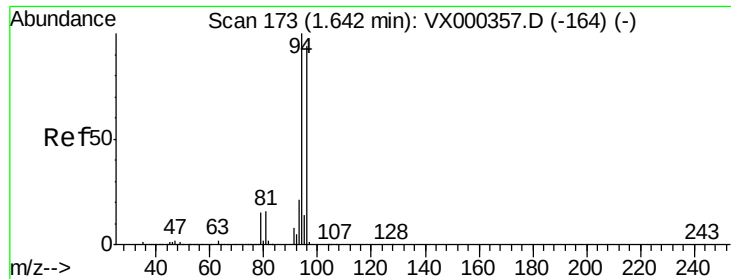
#3
Chloromethane
Concen: 0.90 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX000563.D
Acq: 30 Mar 2018 16:40

Tgt Ion: 50 Resp: 983
Ion Ratio Lower Upper
50 100
52 28.5 27.5 41.3



Abundance Ion 49.90 (49.60 to 50.60): VX0
Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 6.57 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000563.D

Acq: 30 Mar 2018 16:40

Instrument :

MSVOA_X

ClientSampled :

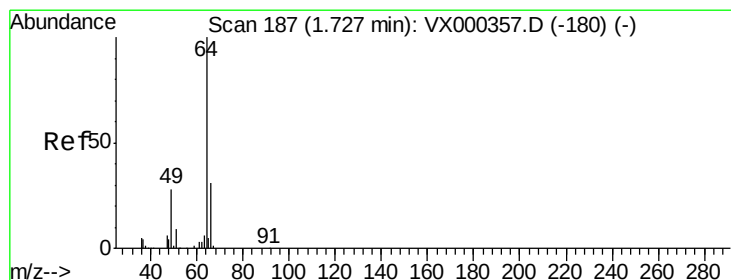
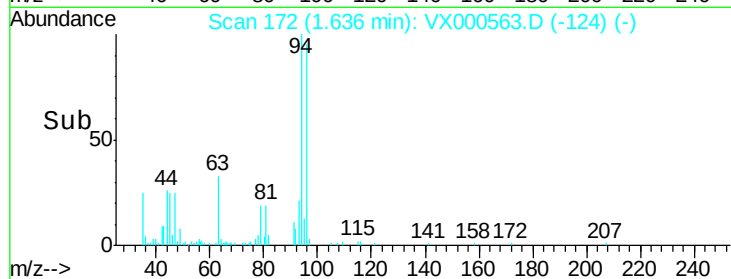
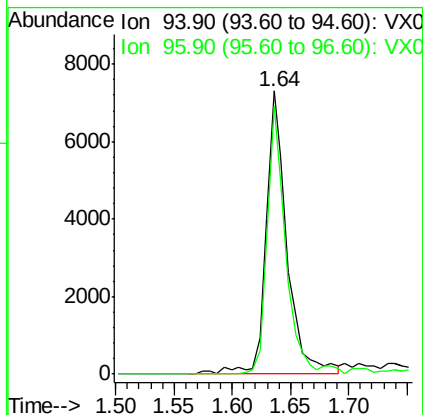
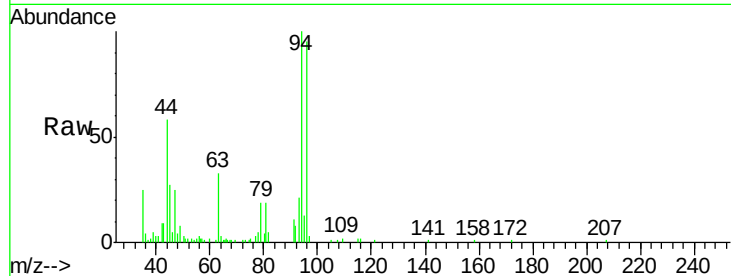
PAD-1

Tgt Ion: 94 Resp: 9044

Ion Ratio Lower Upper

94 100

96 94.6 77.7 116.5



#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000563.D

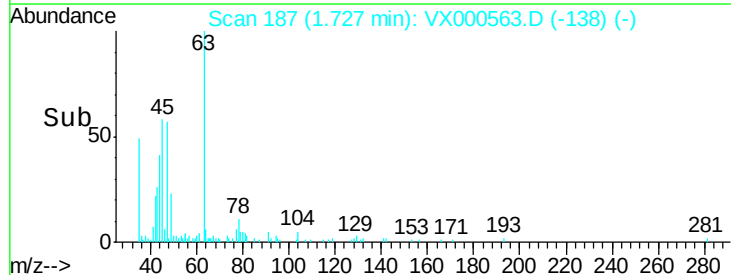
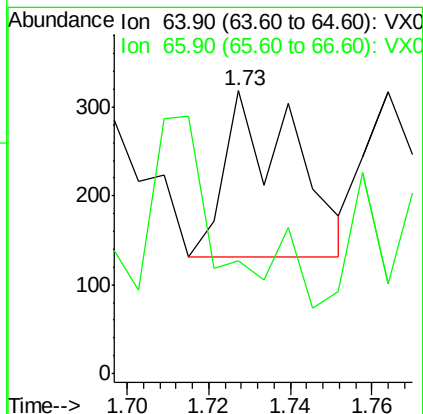
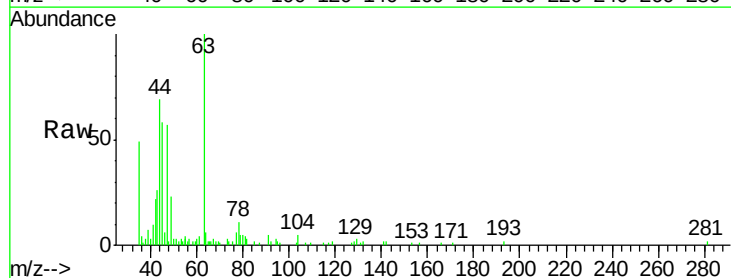
Acq: 30 Mar 2018 16:40

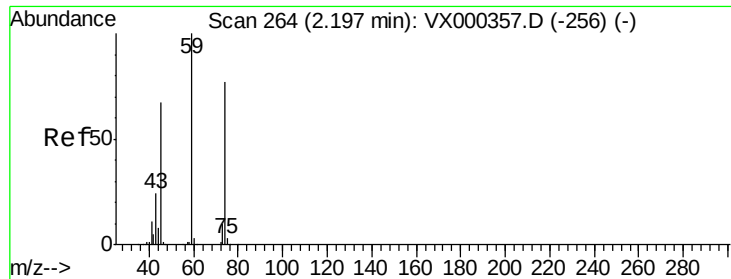
Tgt Ion: 64 Resp: 220

Ion Ratio Lower Upper

64 100

66 18.3 24.8 37.2#





#8

Diethyl Ether

Concen: 0.26 ug/l

RT: 2.01 min Scan# 233

Delta R.T. -0.19 min

Lab File: VX000563.D

Acq: 30 Mar 2018 16:40

Instrument :

MSVOA_X

ClientSampleId :

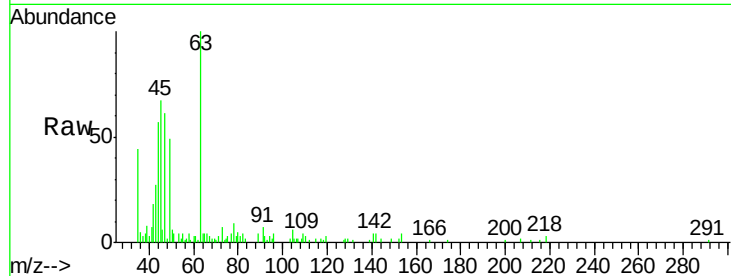
PAD-1

Tgt Ion: 74 Resp: 196

Ion Ratio Lower Upper

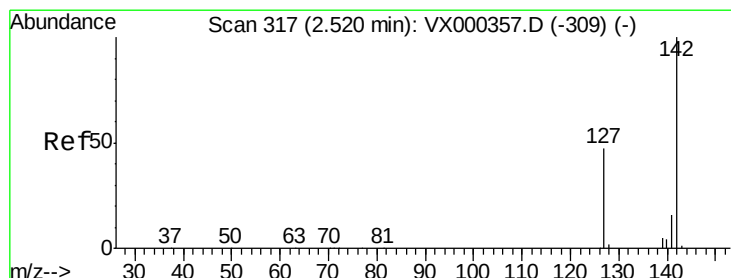
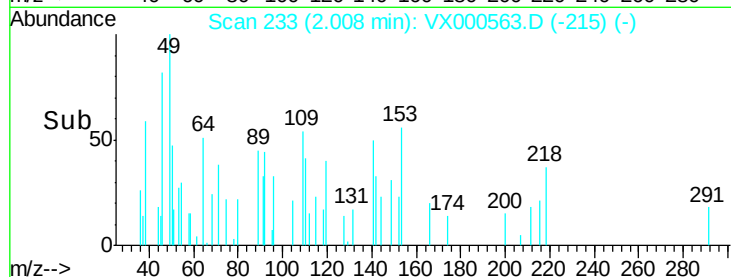
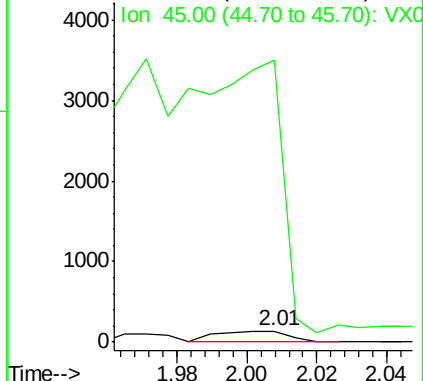
74 100

45 0.0 45.1 135.3#



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#10

Methyl Iodide

Concen: 7.45 ug/l

RT: 2.48 min Scan# 311

Delta R.T. -0.04 min

Lab File: VX000563.D

Acq: 30 Mar 2018 16:40

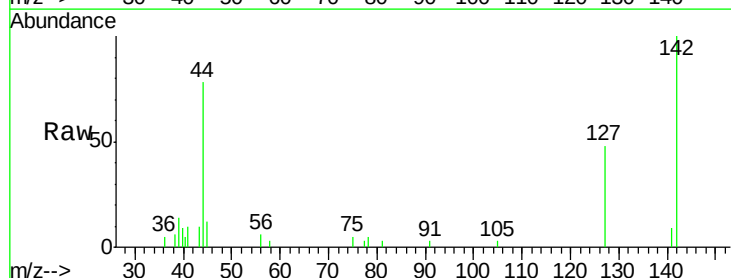
Tgt Ion: 142 Resp: 4010

Ion Ratio Lower Upper

142 100

127 43.8 39.2 58.8

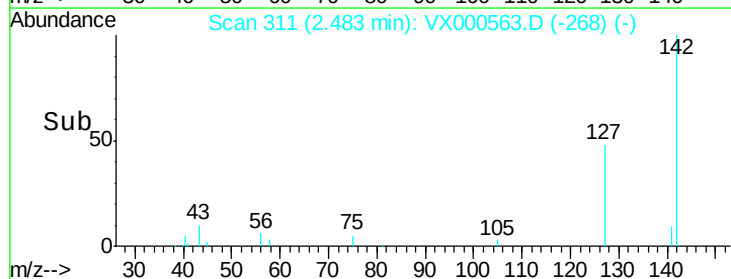
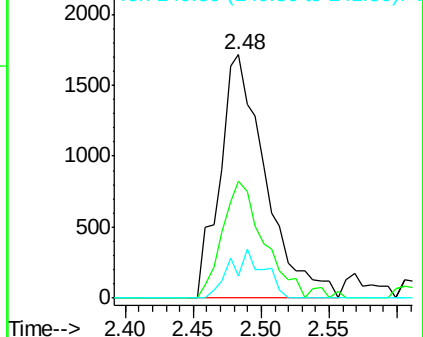
141 14.9 11.7 17.5

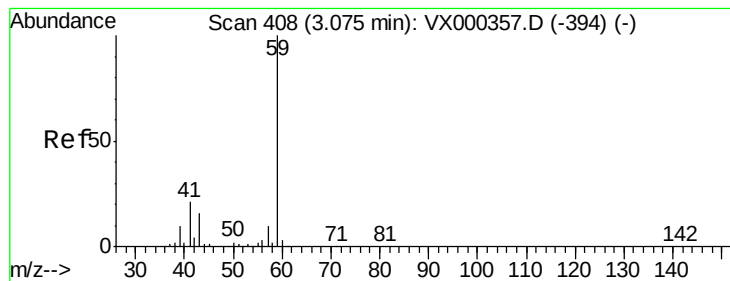


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 0.47 ug/l

RT: 3.09 min Scan# 410

Delta R.T. 0.01 min

Lab File: VX000563.D

Acq: 30 Mar 2018 16:40

Instrument :

MSVOA_X

ClientSampled :

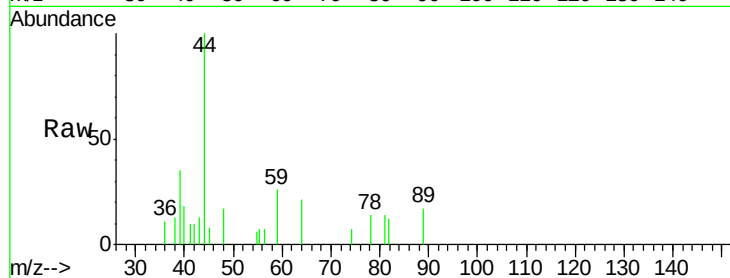
PAD-1

Tgt Ion: 59 Resp: 199

Ion Ratio Lower Upper

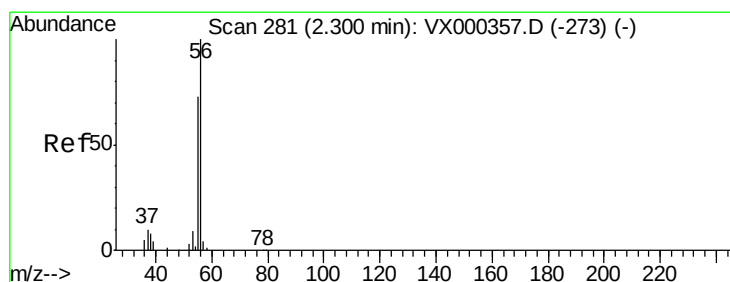
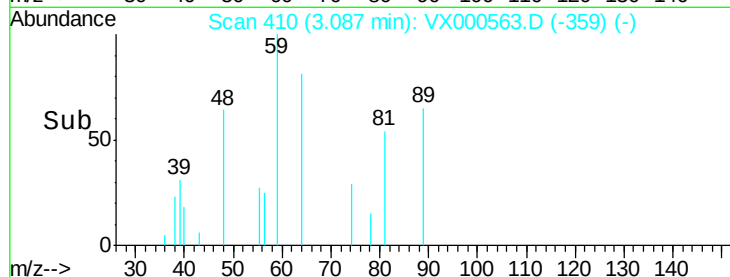
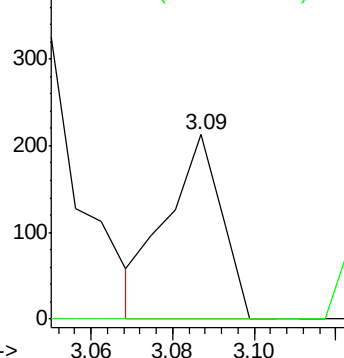
59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#13

Acrolein

Concen: 14.98 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000563.D

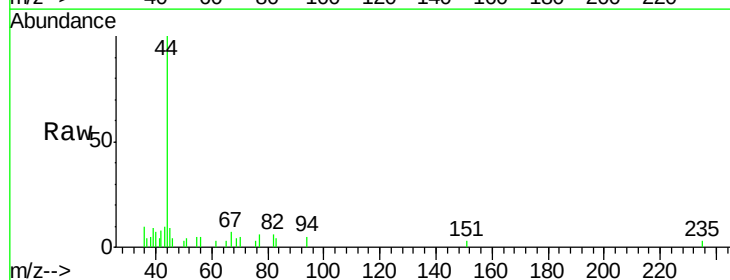
Acq: 30 Mar 2018 16:40

Tgt Ion: 56 Resp: 58

Ion Ratio Lower Upper

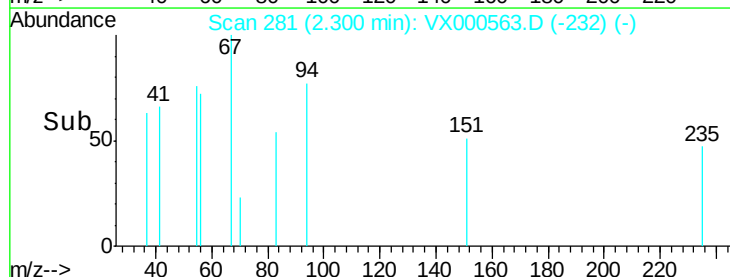
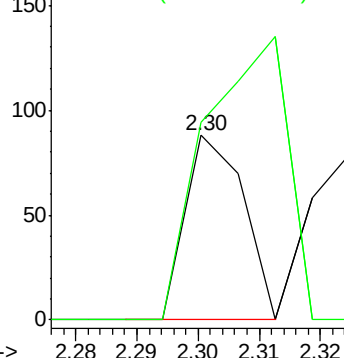
56 100

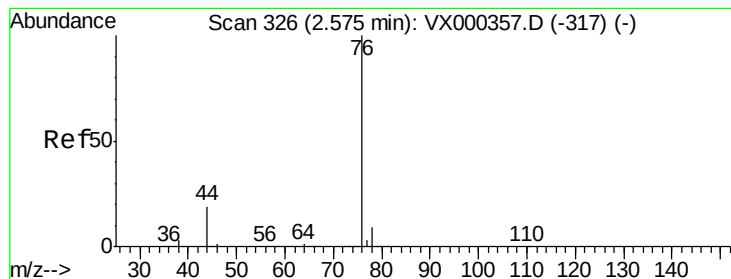
55 215.5 58.8 88.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#17

Carbon Disulfide

Concen: 0.56 ug/l

RT: 2.52 min Scan# 317

Delta R.T. -0.05 min

Lab File: VX000563.D

Acq: 30 Mar 2018 16:40

Instrument :

MSVOA_X

ClientSampled :

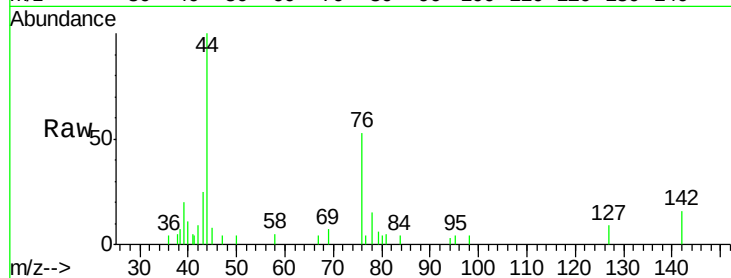
PAD-1

Tgt Ion: 76 Resp: 1482

Ion Ratio Lower Upper

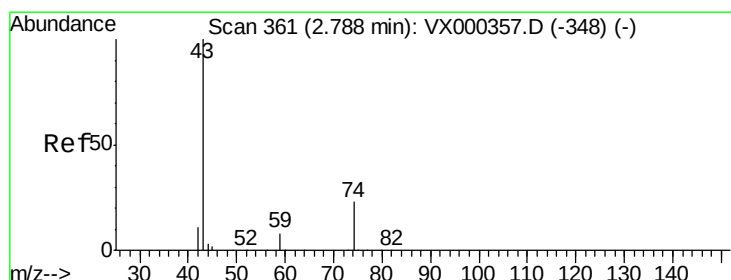
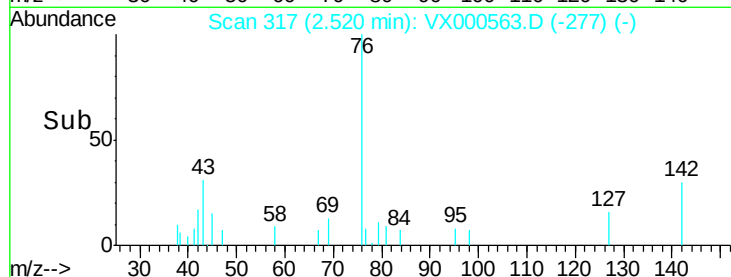
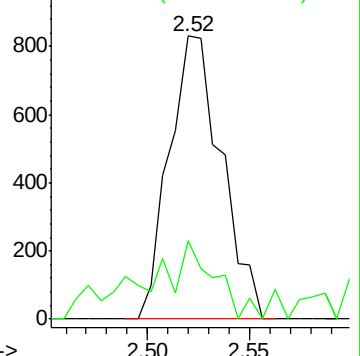
76 100

78 17.0 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: 1.69 ug/l

RT: 2.83 min Scan# 368

Delta R.T. 0.04 min

Lab File: VX000563.D

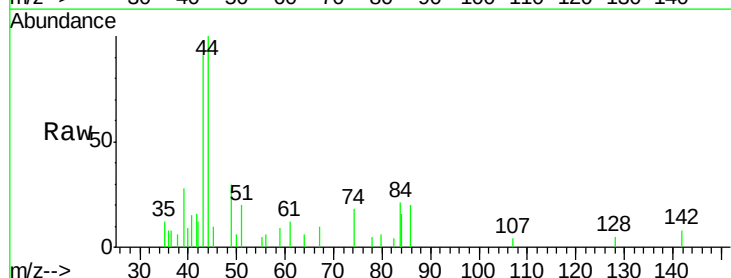
Acq: 30 Mar 2018 16:40

Tgt Ion: 43 Resp: 3631

Ion Ratio Lower Upper

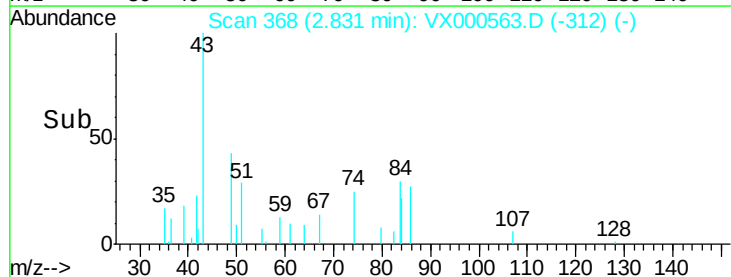
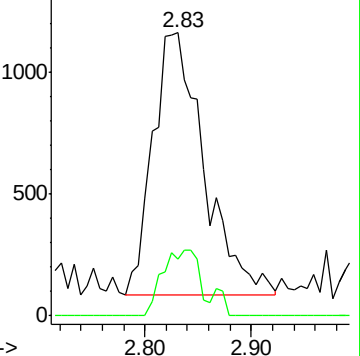
43 100

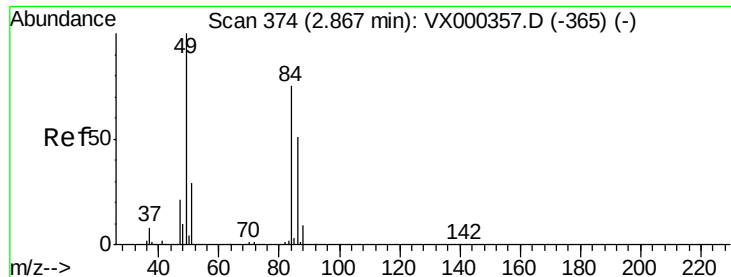
74 18.1 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

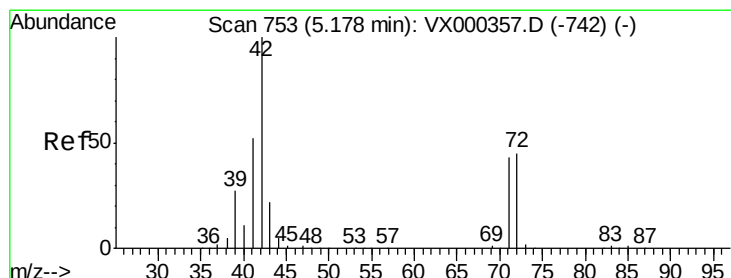
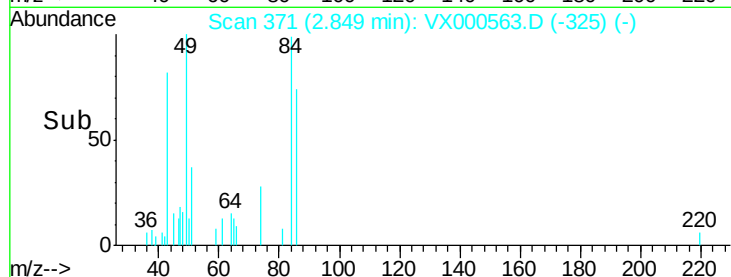
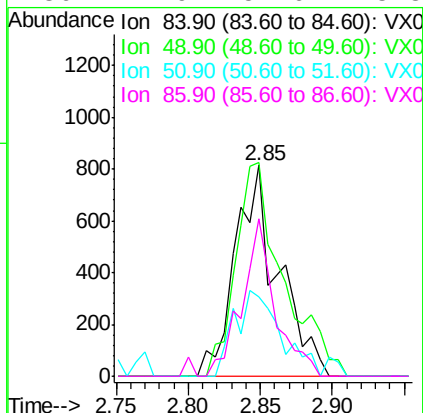
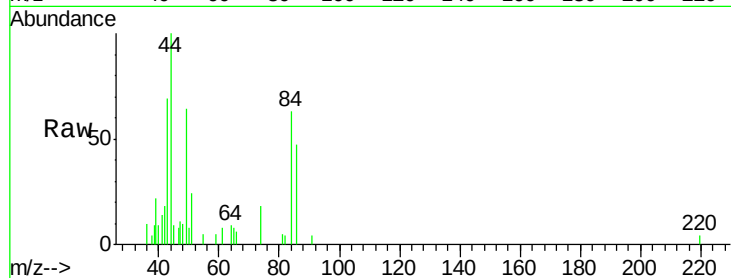




#20
Methylene Chloride
Concen: 1.44 ug/l
RT: 2.85 min Scan# 371
Delta R.T. -0.02 min
Lab File: VX000563.D
Acq: 30 Mar 2018 16:40

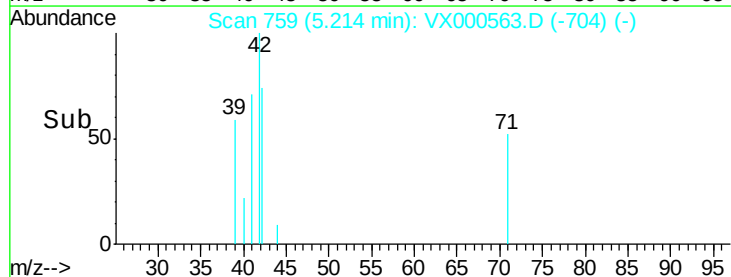
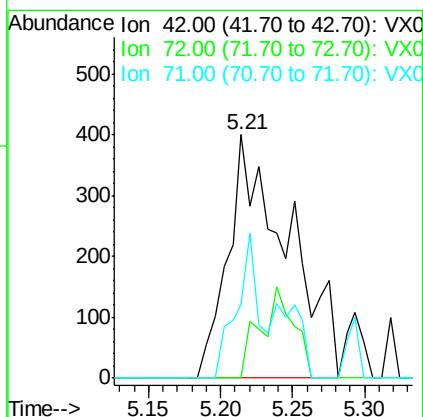
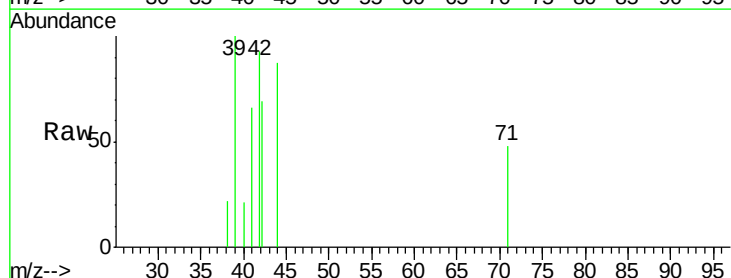
Instrument :
MSVOA_X
ClientSampled :
PAD-1

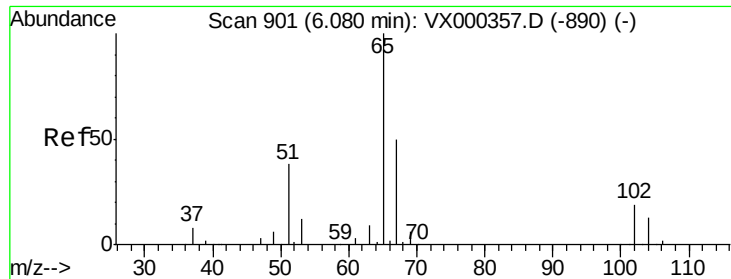
Tgt Ion:	84	Resp:	1702
Ion	Ratio	Lower	Upper
84	100		
49	101.4	100.6	151.0
51	37.5	31.6	47.4
86	74.9	52.6	78.8



#29
Tetrahydrofuran
Concen: 1.62 ug/l
RT: 5.21 min Scan# 759
Delta R.T. 0.04 min
Lab File: VX000563.D
Acq: 30 Mar 2018 16:40

Tgt Ion:	42	Resp:	1150
Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.9	56.9#
71	22.3	34.4	51.6#

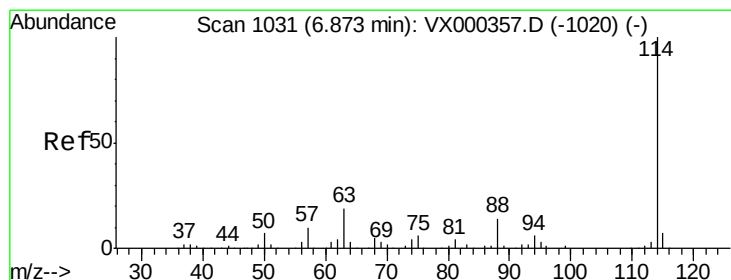
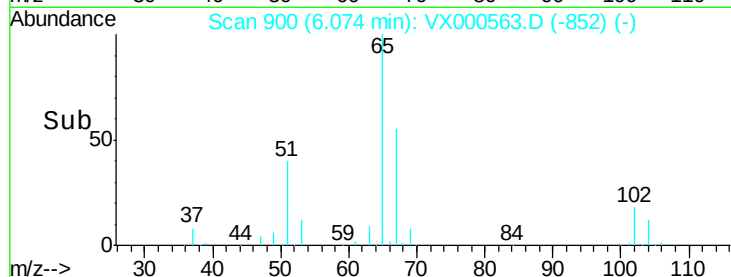
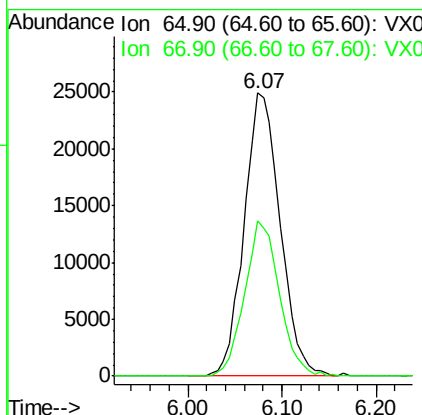
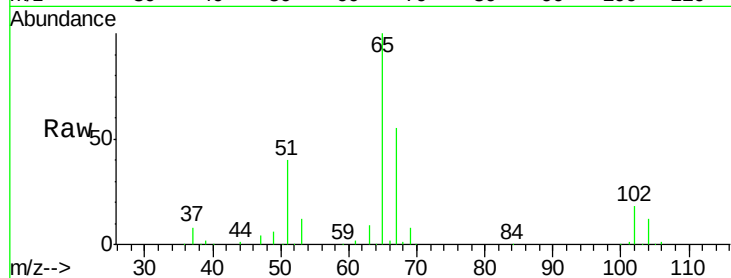




#33
 1,2-Dichloroethane-d4
 Concen: 54.36 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000563.D
 Acq: 30 Mar 2018 16:40

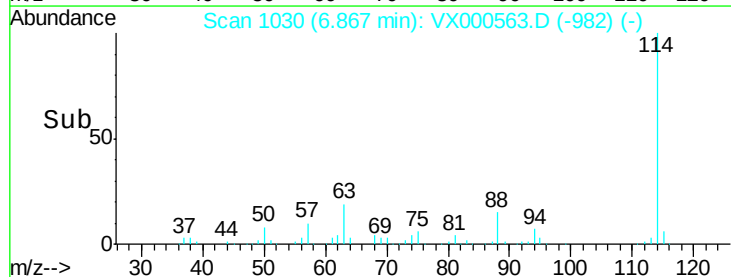
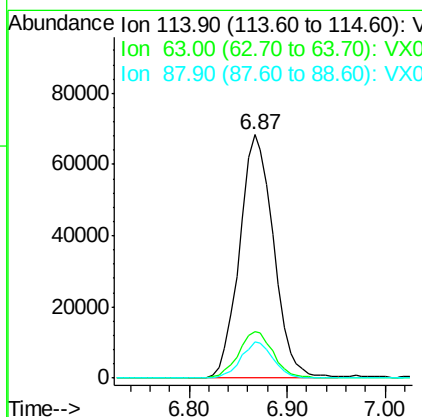
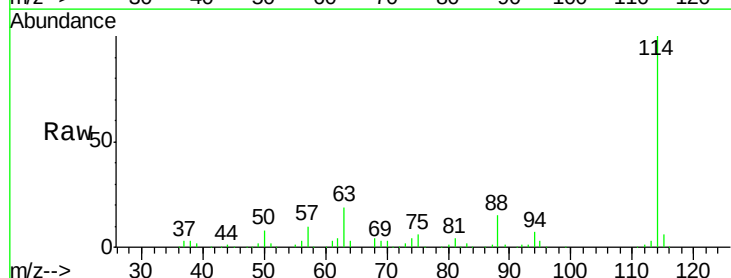
Instrument :
 MSVOA_X
 ClientSampled :
 PAD-1

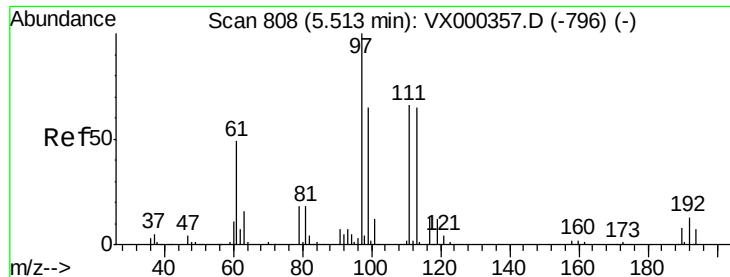
Tgt Ion: 65 Resp: 66920
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VX000563.D
 Acq: 30 Mar 2018 16:40

Tgt Ion: 114 Resp: 165301
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.4
 88 14.9 0.0 27.0





#35

Dibromofluoromethane

Concen: 48.80 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000563.D

Acq: 30 Mar 2018 16:40

Instrument :

MSVOA_X

ClientSampleId :

PAD-1

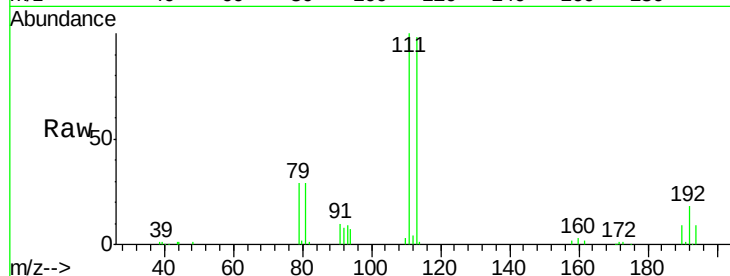
Tgt Ion:113 Resp: 50827

Ion Ratio Lower Upper

113 100

111 101.6 82.4 123.6

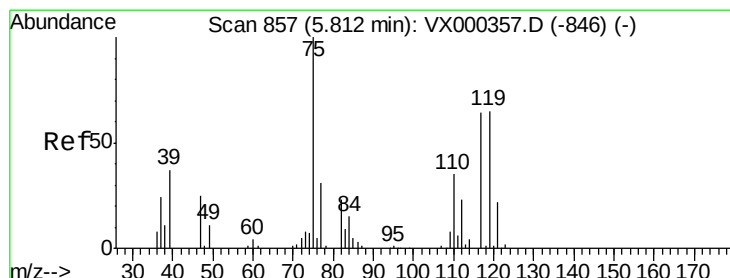
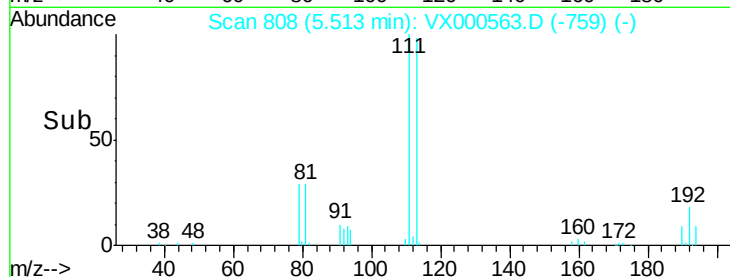
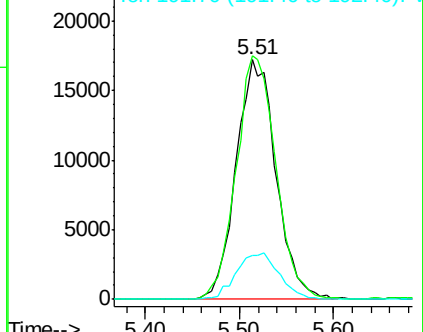
192 20.7 15.8 23.6



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: 4.94 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.15 min

Lab File: VX000563.D

Acq: 30 Mar 2018 16:40

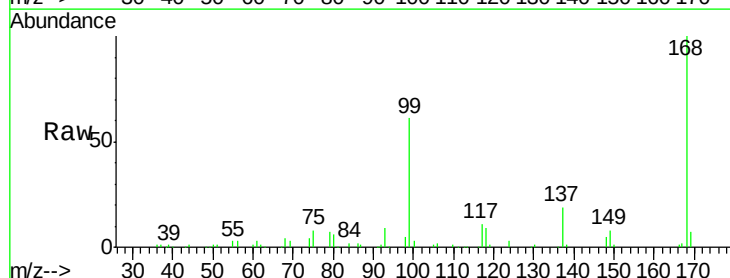
Tgt Ion: 75 Resp: 7642

Ion Ratio Lower Upper

75 100

110 4.4 17.9 53.7#

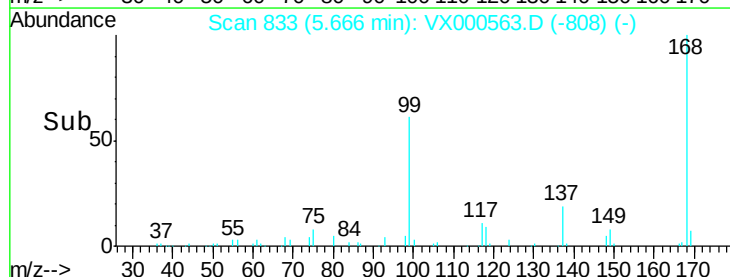
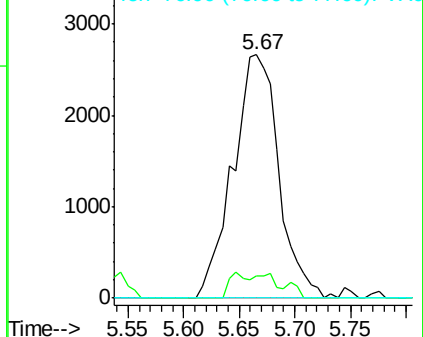
77 0.0 24.0 36.0#

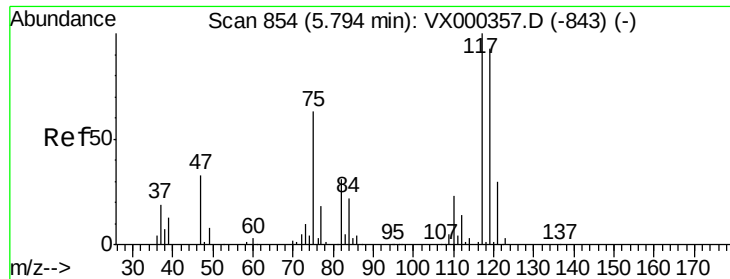


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

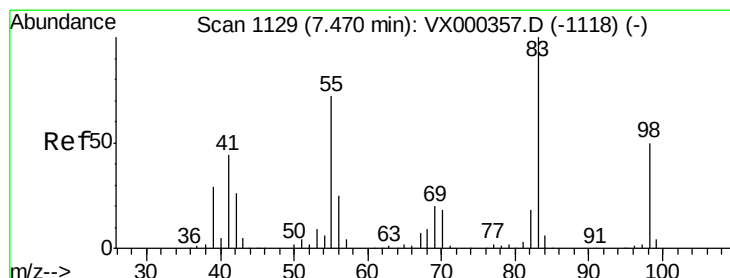
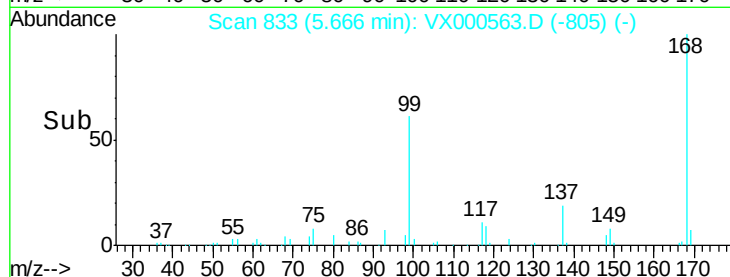
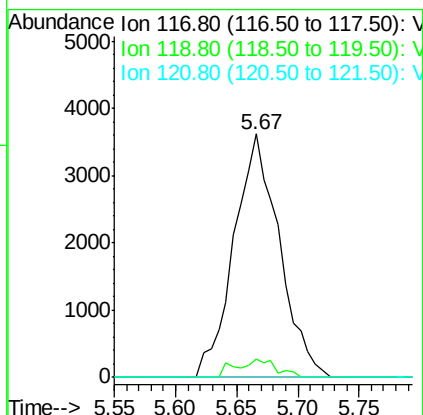
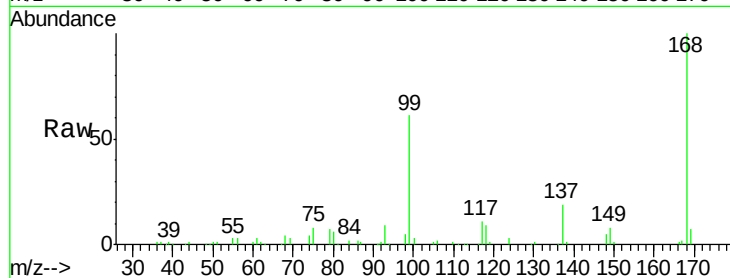




#38
Carbon Tetrachloride
Concen: 5.72 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX000563.D
Acq: 30 Mar 2018 16:40

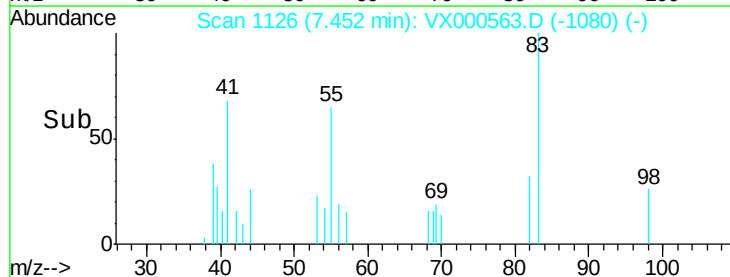
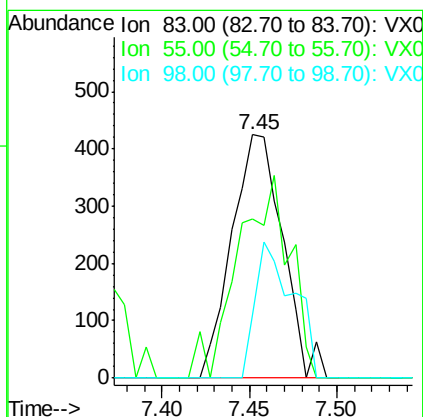
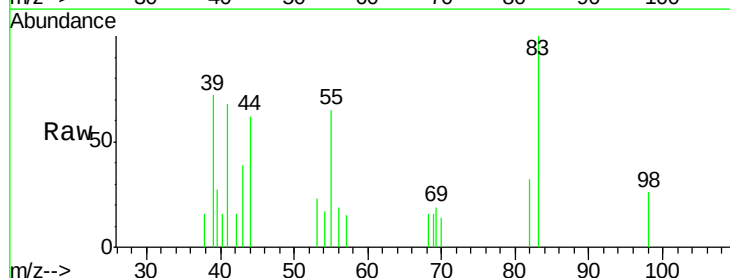
Instrument :
MSVOA_X
ClientSampled :
PAD-1

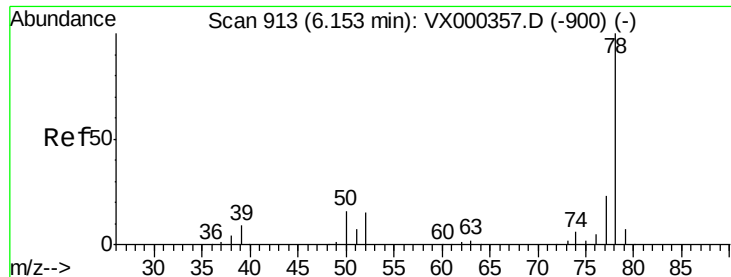
Tgt Ion: 117 Resp: 9292
Ion Ratio Lower Upper
117 100
119 7.8 77.4 116.2#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 0.46 ug/l
RT: 7.45 min Scan# 1126
Delta R.T. -0.02 min
Lab File: VX000563.D
Acq: 30 Mar 2018 16:40

Tgt Ion: 83 Resp: 859
Ion Ratio Lower Upper
83 100
55 65.4 55.5 83.3
98 25.9 38.2 57.4#





#40

Benzene

Concen: 11.46 ug/l

RT: 6.14 min Scan# 911

Delta R.T. -0.01 min

Lab File: VX000563.D

Acq: 30 Mar 2018 16:40

Instrument :

MSVOA_X

ClientSampleId :

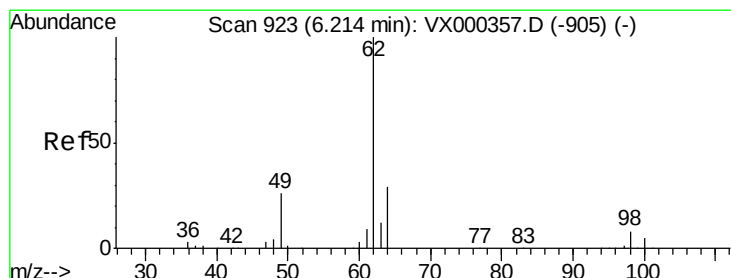
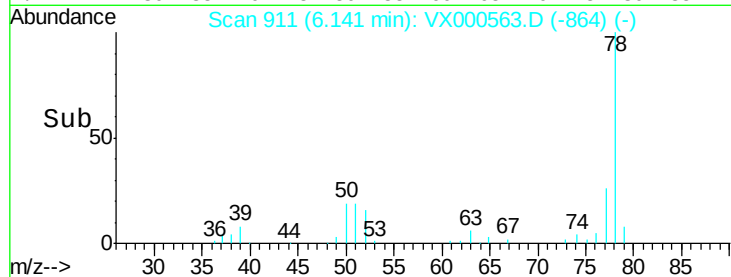
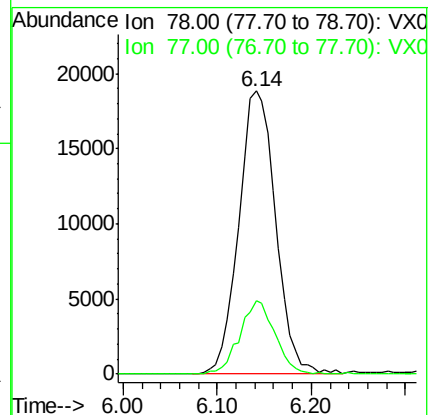
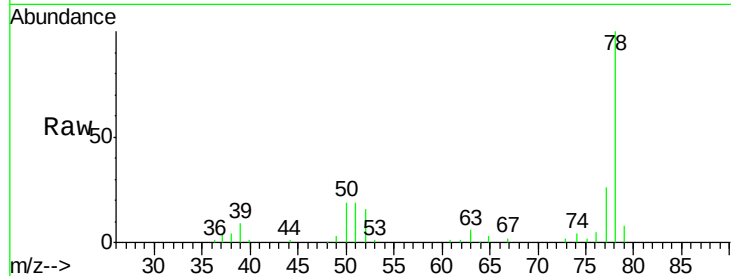
PAD-1

Tgt Ion: 78 Resp: 51530

Ion Ratio Lower Upper

78 100

77 26.1 18.7 28.1



#42

1,2-Dichloroethane

Concen: 0.31 ug/l

RT: 6.13 min Scan# 909

Delta R.T. -0.09 min

Lab File: VX000563.D

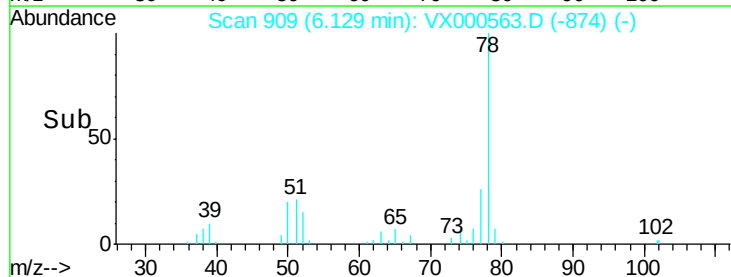
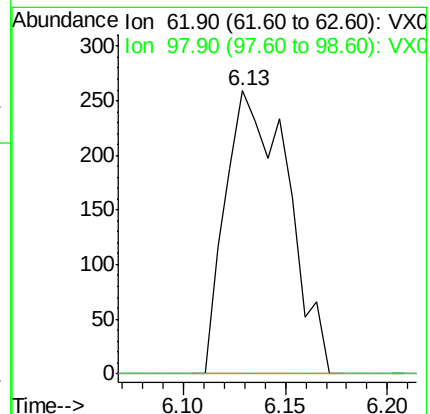
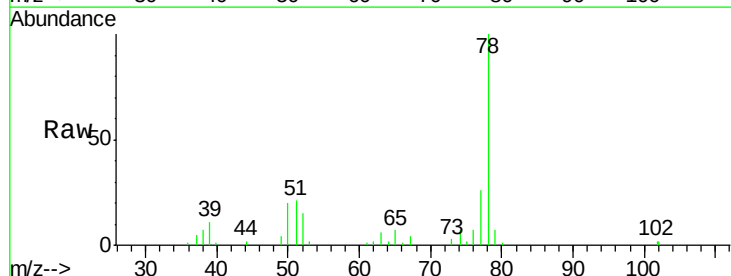
Acq: 30 Mar 2018 16:40

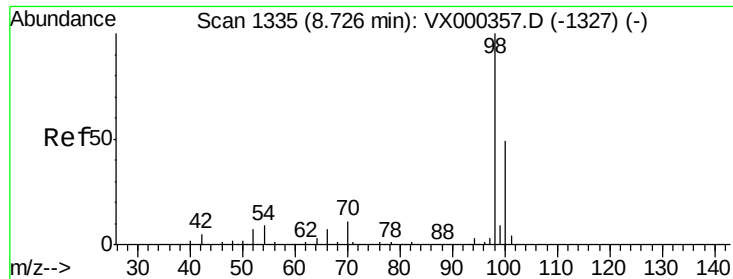
Tgt Ion: 62 Resp: 550

Ion Ratio Lower Upper

62 100

98 0.0 0.0 15.8

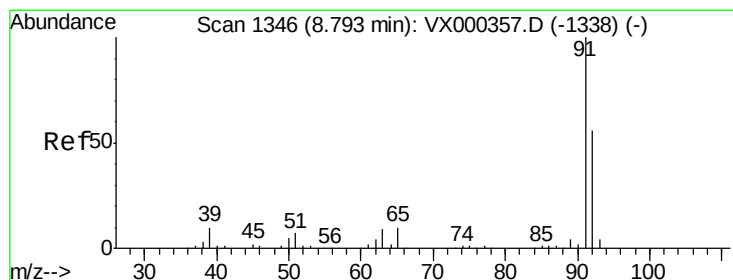
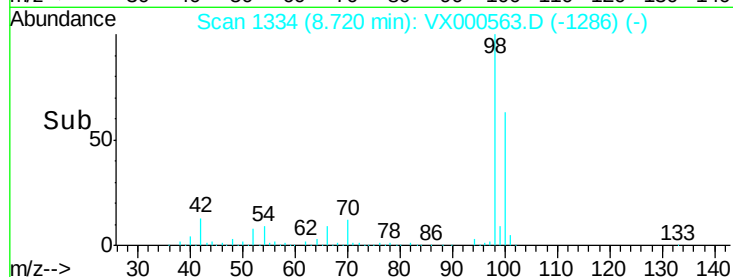
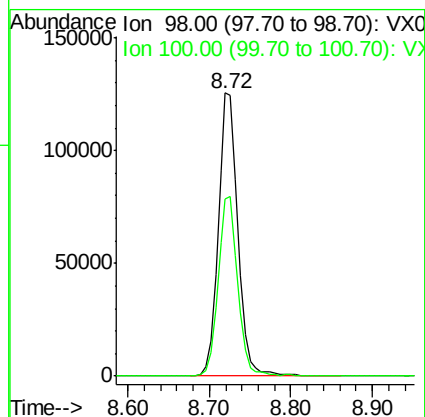
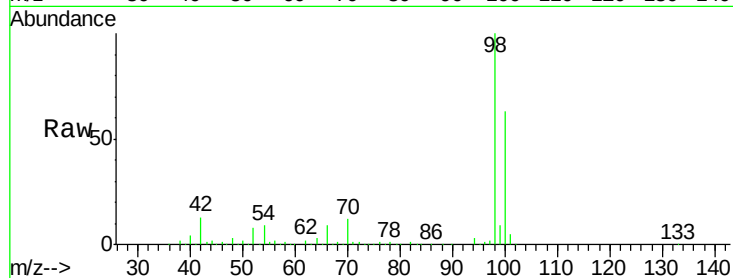




#50
Toluene-d8
Concen: 49.14 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX000563.D
Acq: 30 Mar 2018 16:40

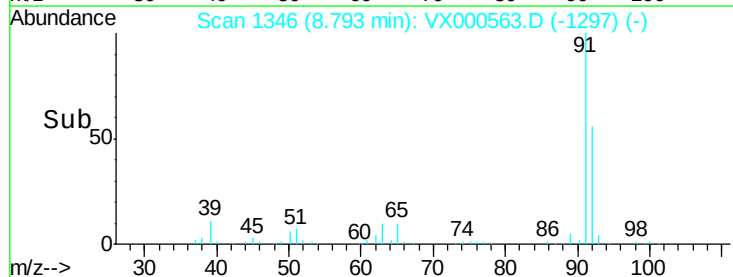
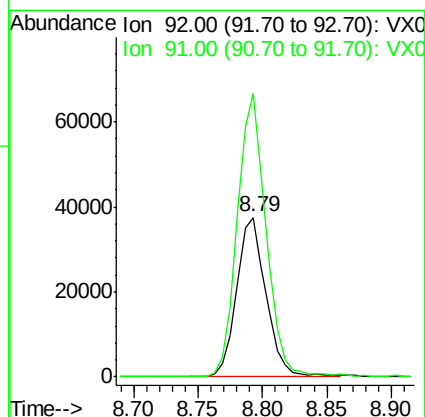
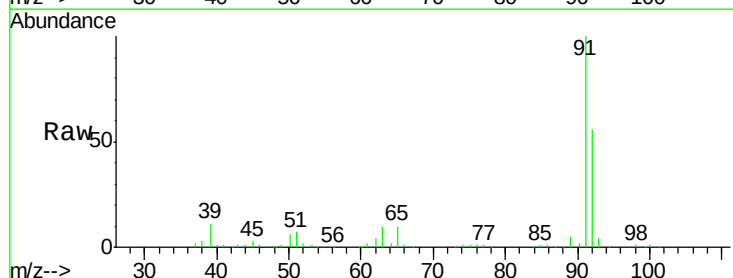
Instrument :
MSVOA_X
ClientSampleId :
PAD-1

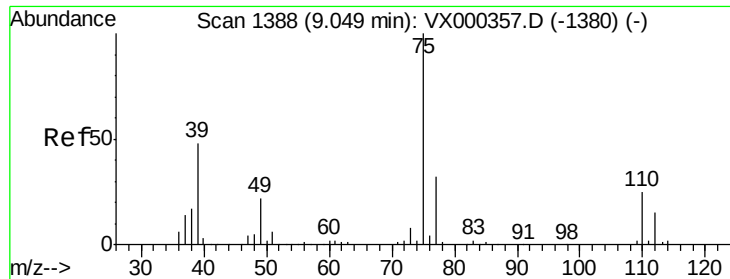
Tgt Ion: 98 Resp: 211984
Ion Ratio Lower Upper
98 100
100 63.8 51.2 76.8



#52
Toluene
Concen: 18.94 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VX000563.D
Acq: 30 Mar 2018 16:40

Tgt Ion: 92 Resp: 59524
Ion Ratio Lower Upper
92 100
91 174.9 140.2 210.2





#54

cis-1,3-Dichloropropene

Concen: 0.44 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.26 min

Lab File: VX000563.D

Acq: 30 Mar 2018 16:40

Instrument :

MSVOA_X

ClientSampleId :

PAD-1

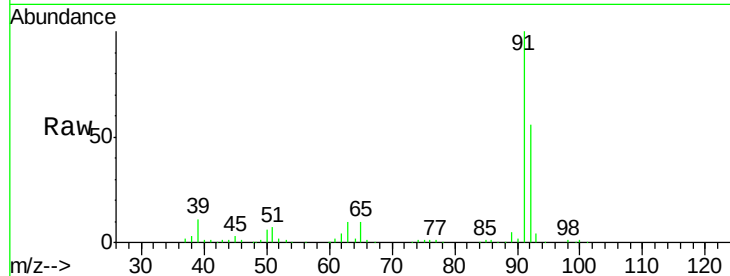
Tgt Ion: 75 Resp: 794

Ion Ratio Lower Upper

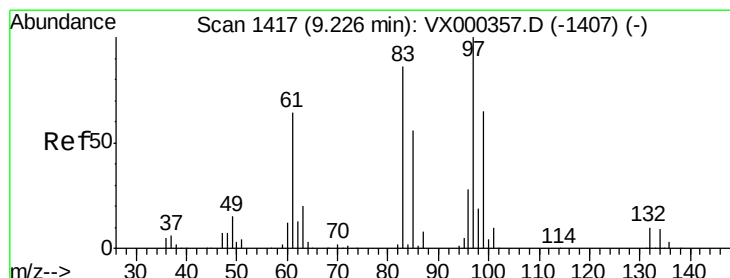
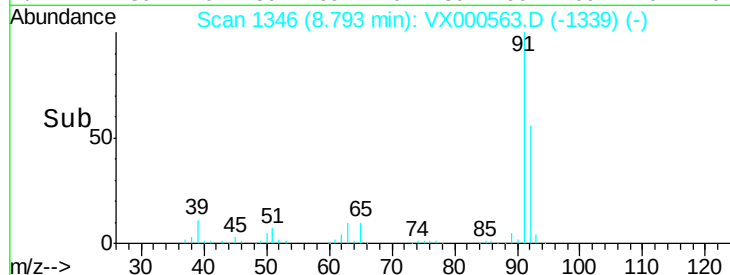
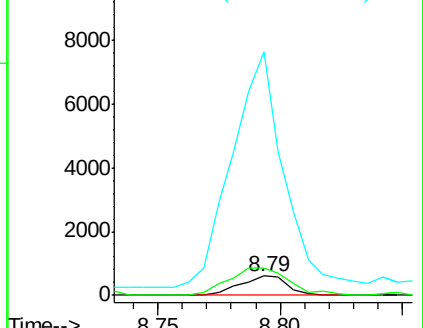
75 100

77 144.1 26.1 39.1#

39 1207.4 39.8 59.6#



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



#55

1,1,2-Trichloroethane

Concen: 0.45 ug/l

RT: 9.17 min Scan# 1408

Delta R.T. -0.05 min

Lab File: VX000563.D

Acq: 30 Mar 2018 16:40

Tgt Ion: 97 Resp: 588

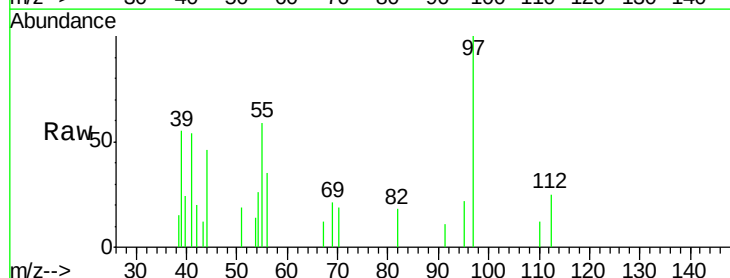
Ion Ratio Lower Upper

97 100

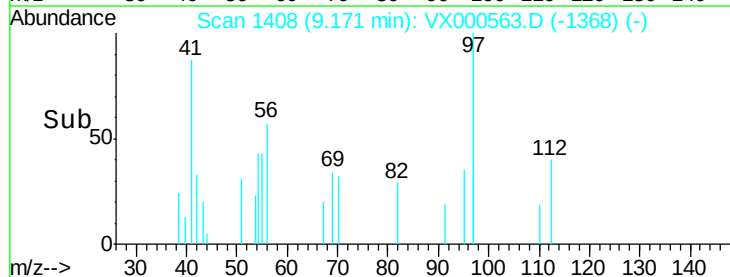
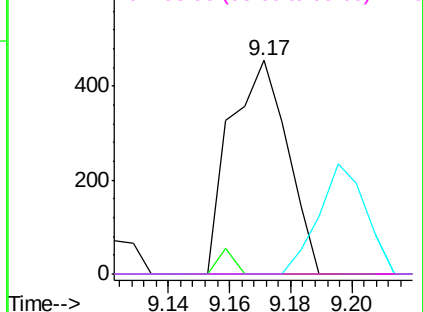
83 0.0 67.9 101.9#

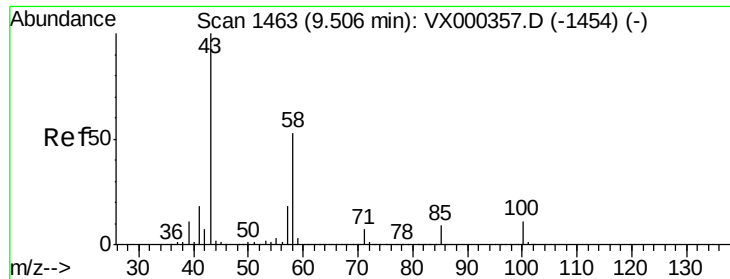
85 0.0 42.8 64.2#

99 0.0 49.4 74.2#



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0

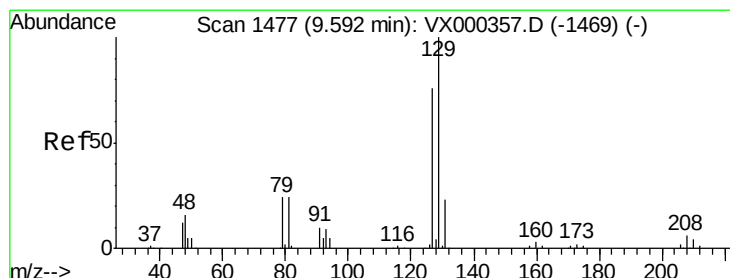
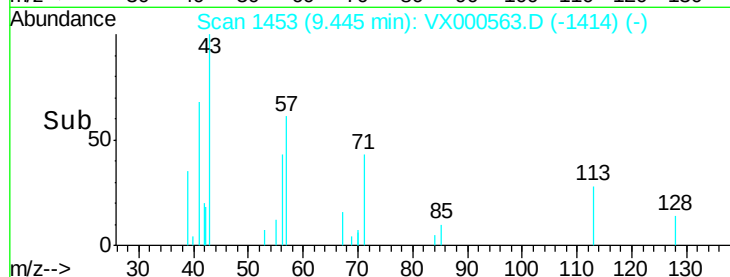
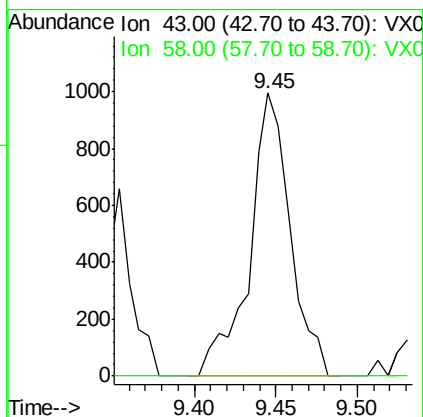
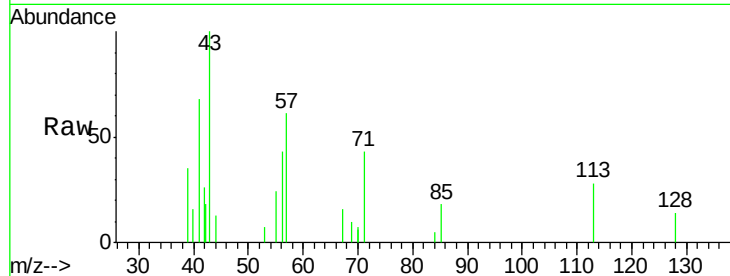




#59
2-Hexanone
Concen: 0.83 ug/l
RT: 9.45 min Scan# 1453
Delta R.T. -0.06 min
Lab File: VX000563.D
Acq: 30 Mar 2018 16:40

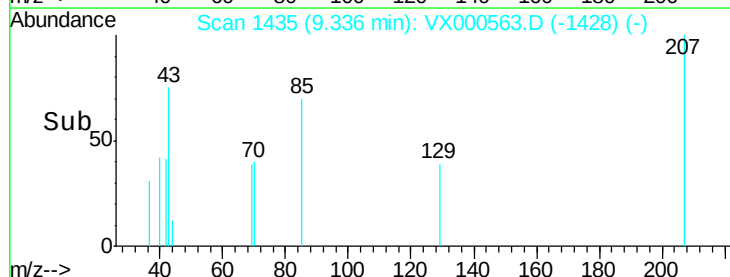
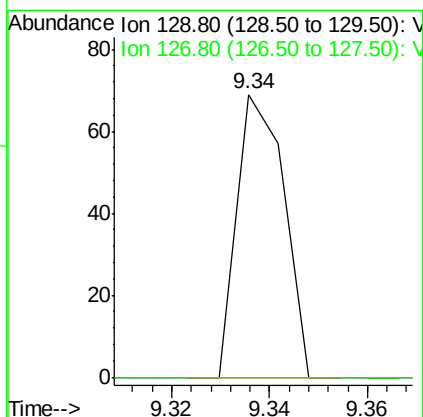
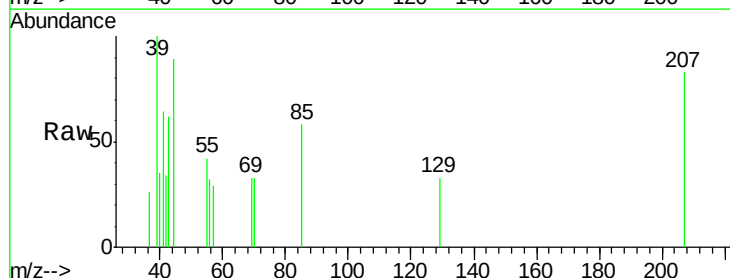
Instrument :
MSVOA_X
ClientSampled :
PAD-1

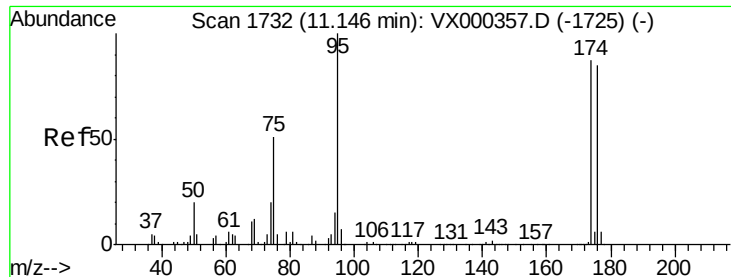
Tgt Ion: 43 Resp: 1723
Ion Ratio Lower Upper
43 100
58 0.0 26.6 79.7#



#60
Dibromochloromethane
Concen: 4.14 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.26 min
Lab File: VX000563.D
Acq: 30 Mar 2018 16:40

Tgt Ion: 129 Resp: 46
Ion Ratio Lower Upper
129 100
127 0.0 37.9 113.6#





#62

4-Bromofluorobenzene

Concen: 44.28 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000563.D

Acq: 30 Mar 2018 16:40

Instrument :

MSVOA_X

ClientSampleId :

PAD-1

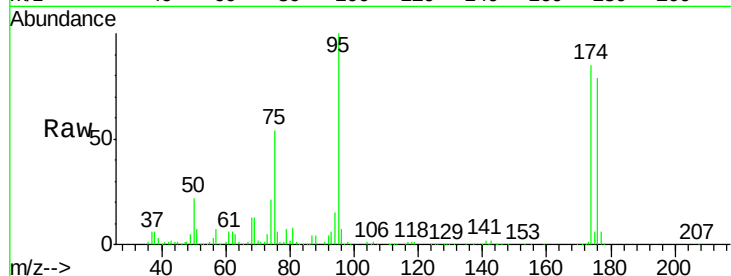
Tgt Ion: 95 Resp: 79241

Ion Ratio Lower Upper

95 100

174 92.0 0.0 173.6

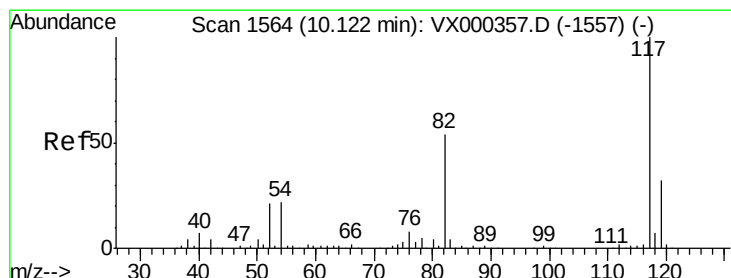
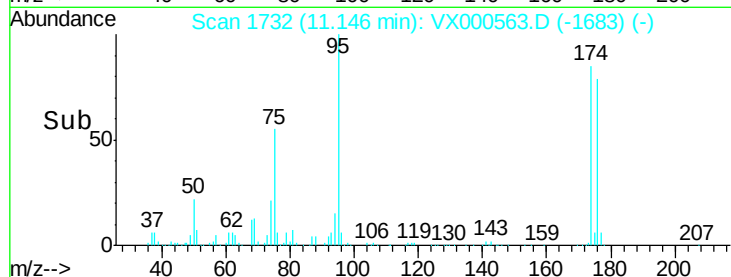
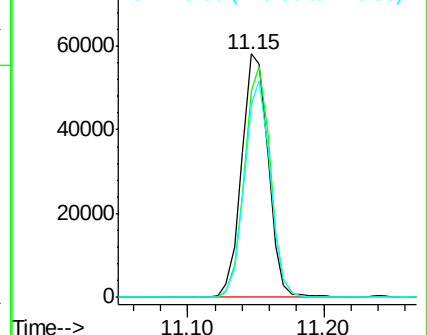
176 86.4 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX000563.D (-1683) (-)

Ion 173.80 (173.50 to 174.50): VX000563.D (-1683) (-)

Ion 175.80 (175.50 to 176.50): VX000563.D (-1683) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX000563.D

Acq: 30 Mar 2018 16:40

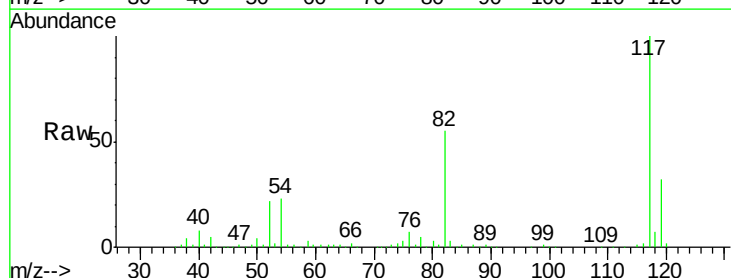
Tgt Ion: 117 Resp: 167257

Ion Ratio Lower Upper

117 100

82 55.2 43.8 65.8

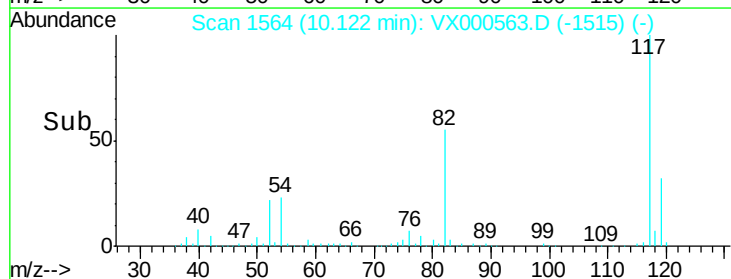
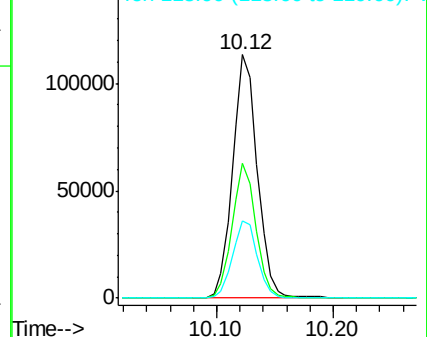
119 31.7 24.9 37.3

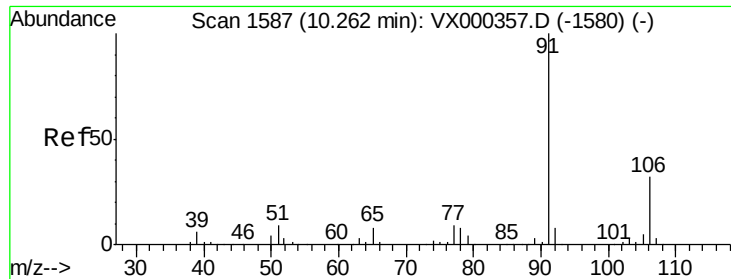


Abundance Ion 116.90 (116.60 to 117.60): VX000563.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX000563.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX000563.D (-1515) (-)

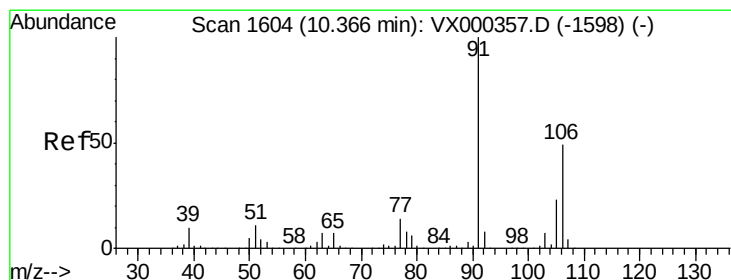
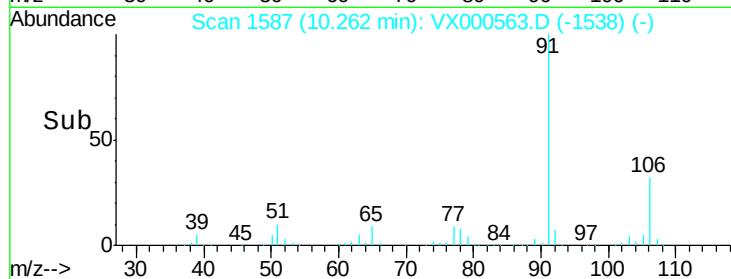
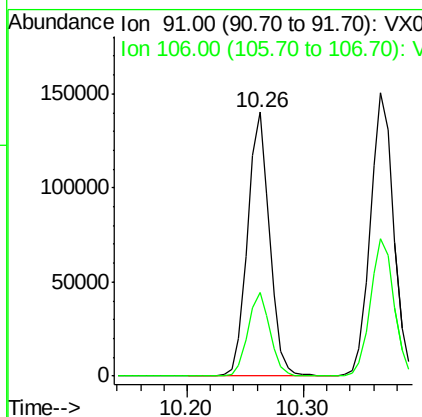
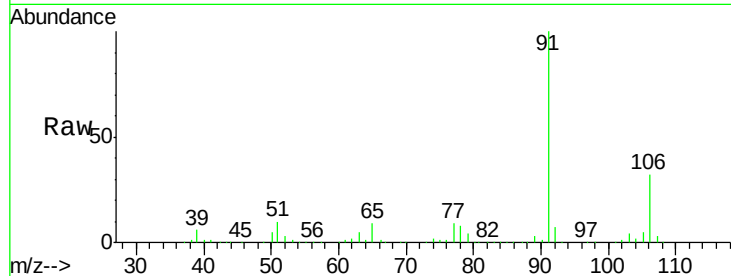




#67
Ethyl Benzene
Concen: 29.51 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000563.D
Acq: 30 Mar 2018 16:40

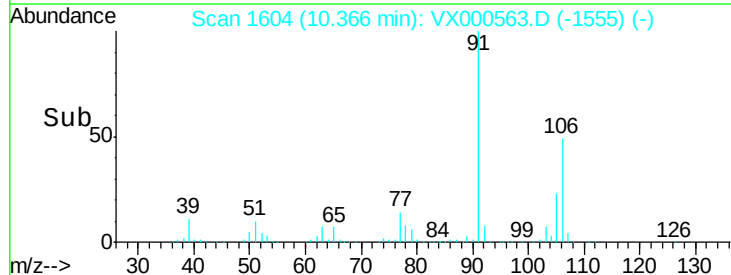
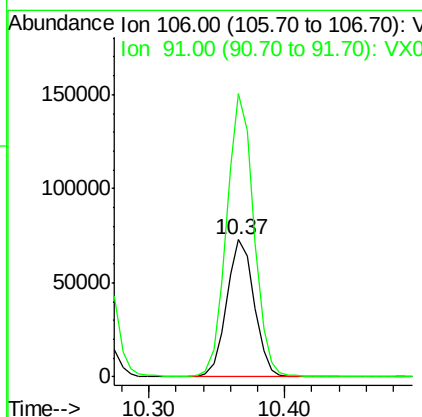
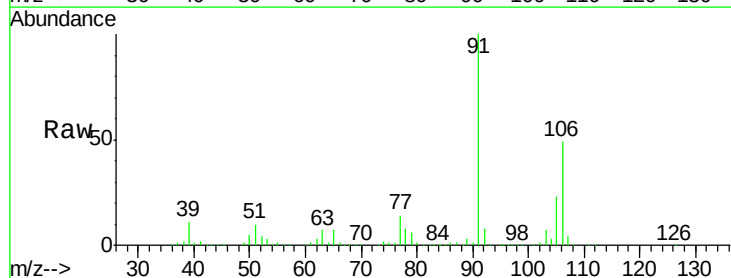
Instrument :
MSVOA_X
ClientSampleId :
PAD-1

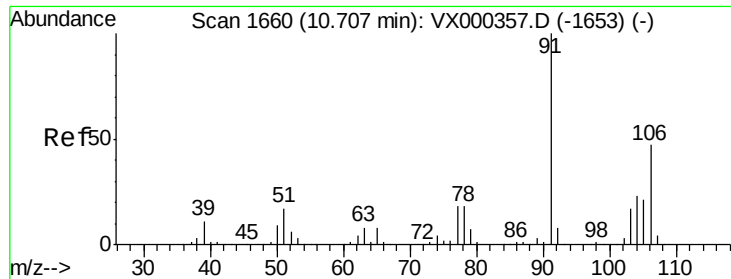
Tgt Ion: 91 Resp: 186198
Ion Ratio Lower Upper
91 100
106 31.7 25.0 37.6



#68
m/p-Xylenes
Concen: 41.27 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000563.D
Acq: 30 Mar 2018 16:40

Tgt Ion: 106 Resp: 102482
Ion Ratio Lower Upper
106 100
91 203.5 163.4 245.2

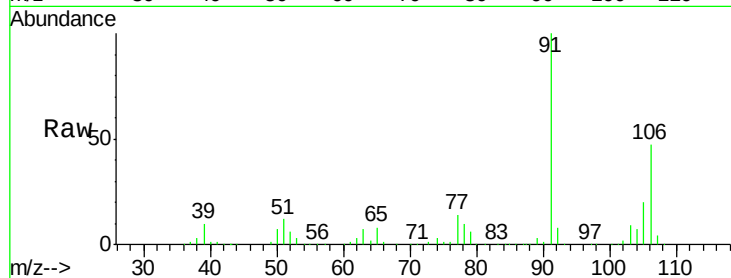




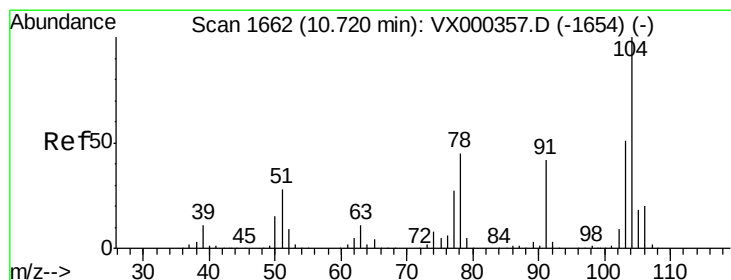
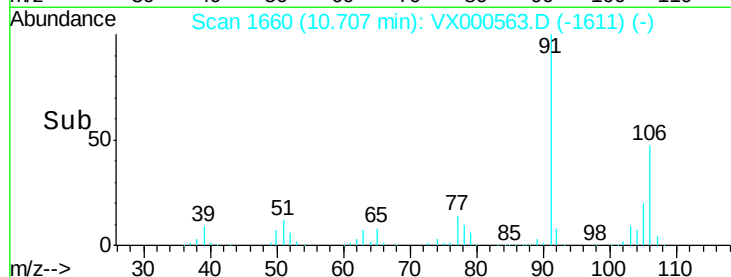
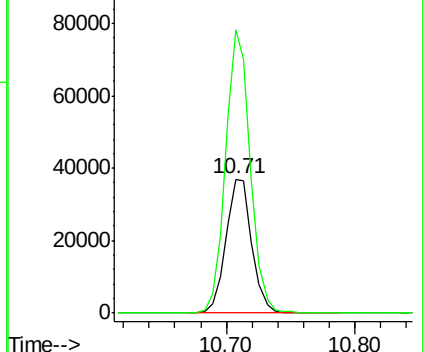
#69
o-Xylene
Concen: 21.71 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000563.D
Acq: 30 Mar 2018 16:40

Instrument :
MSVOA_X
ClientSampled :
PAD-1

Tgt Ion:106 Resp: 52191
Ion Ratio Lower Upper
106 100
91 201.1 106.5 319.6

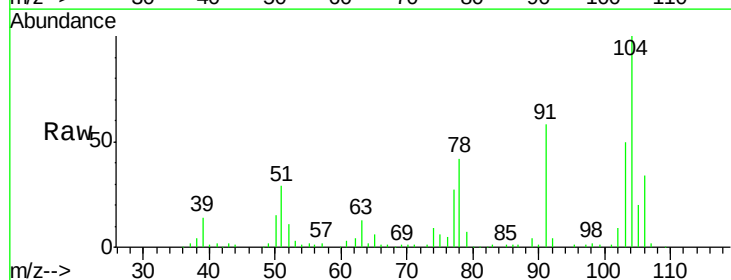


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

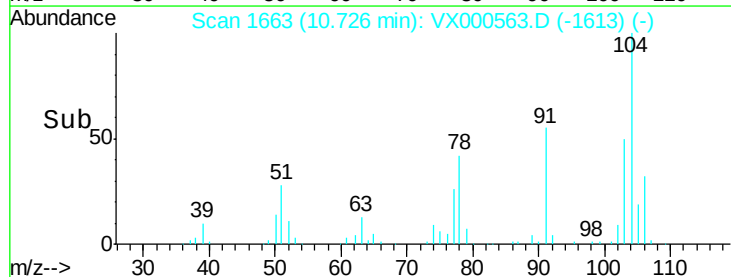
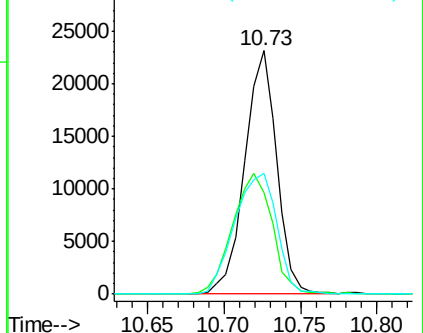


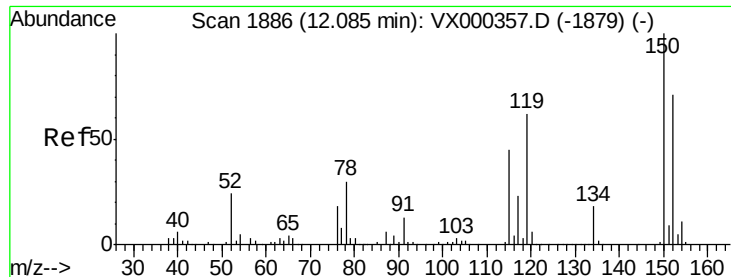
#70
Styrene
Concen: 8.46 ug/l
RT: 10.73 min Scan# 1663
Delta R.T. 0.01 min
Lab File: VX000563.D
Acq: 30 Mar 2018 16:40

Tgt Ion:104 Resp: 33672
Ion Ratio Lower Upper
104 100
78 61.3 40.5 60.7#
103 65.6 45.7 68.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1887

Delta R.T. 0.01 min

Lab File: VX000563.D

Acq: 30 Mar 2018 16:40

Instrument :

MSVOA_X

ClientSampleId :

PAD-1

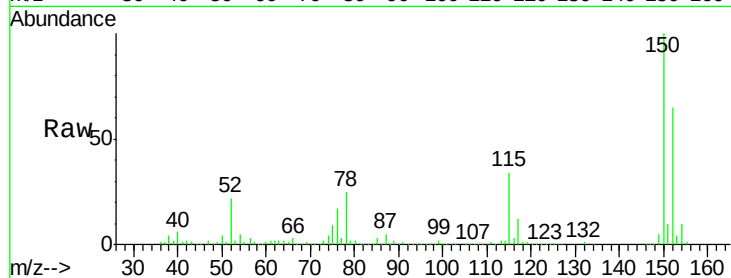
Tgt Ion:152 Resp: 106226

Ion Ratio Lower Upper

152 100

115 54.8 39.8 119.3

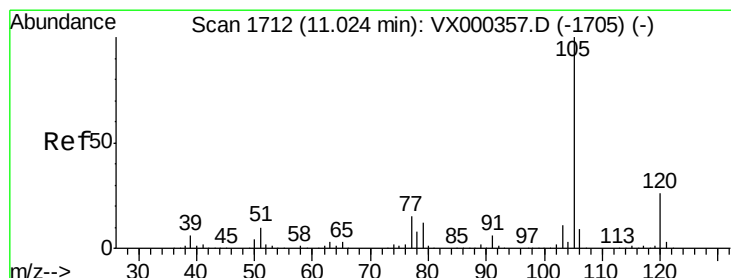
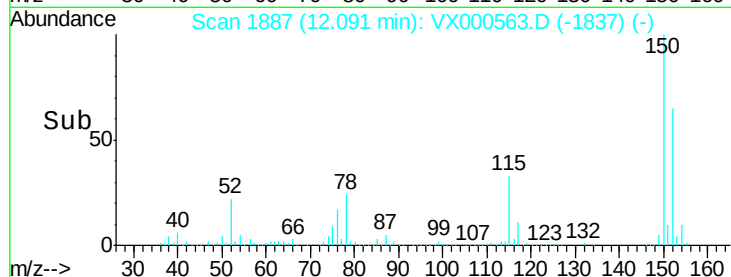
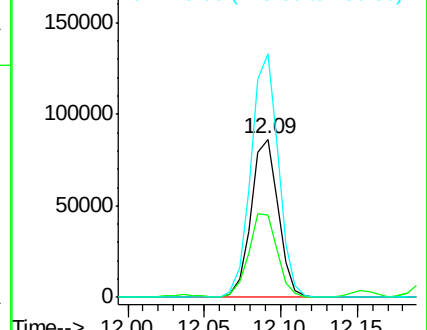
150 155.0 0.0 344.4



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



#73

Isopropylbenzene

Concen: 2.99 ug/l

RT: 11.03 min Scan# 1713

Delta R.T. 0.01 min

Lab File: VX000563.D

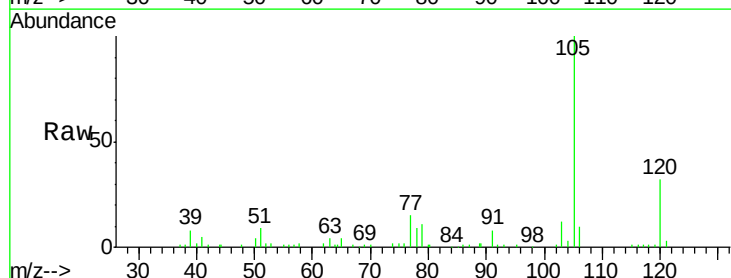
Acq: 30 Mar 2018 16:40

Tgt Ion:105 Resp: 21052

Ion Ratio Lower Upper

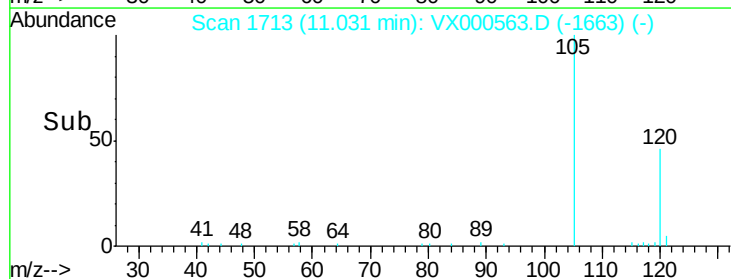
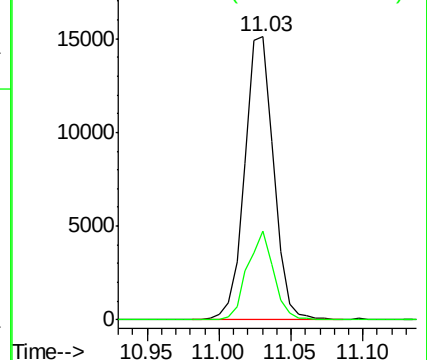
105 100

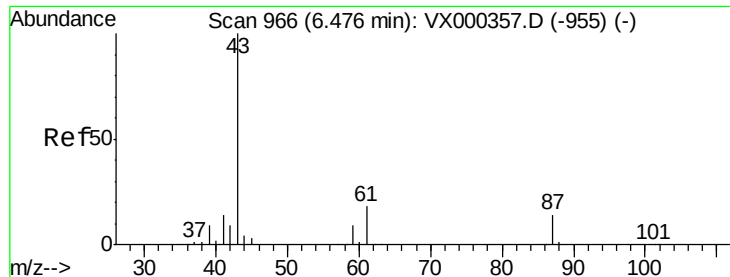
120 28.6 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: Below Cal

RT: 6.46 min Scan# 963

Delta R.T. -0.02 min

Lab File: VX000563.D

Acq: 30 Mar 2018 16:40

Instrument :

MSVOA_X

ClientSampled :

PAD-1

Tgt Ion: 43 Resp: 42

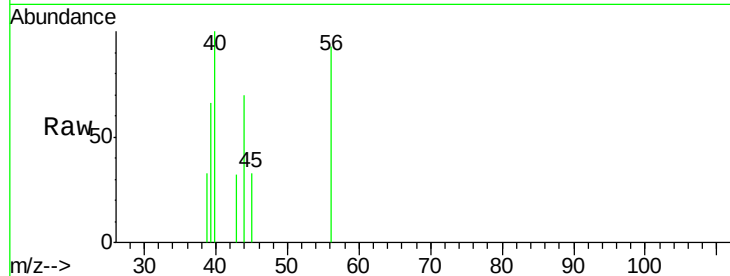
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 250.0 0.0 0.0#

61 0.0 14.4 21.6#

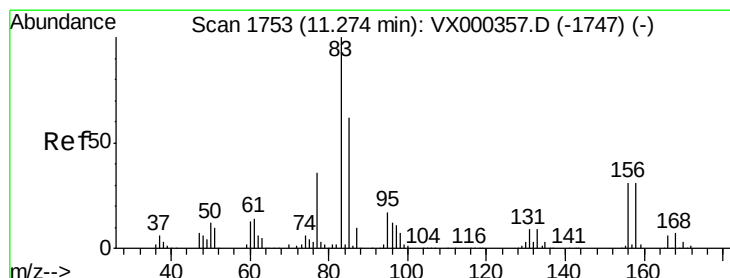
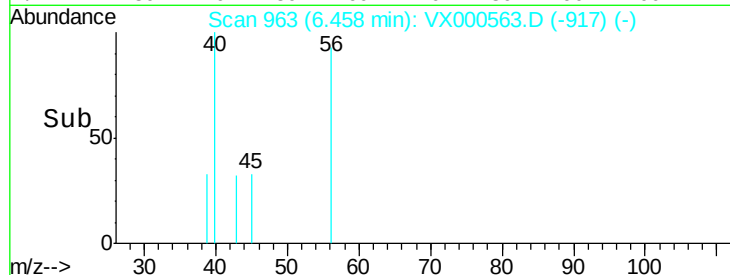
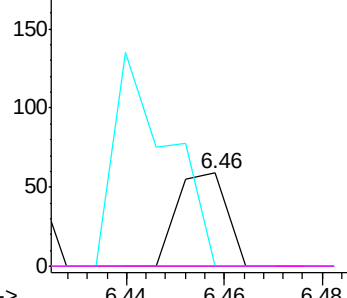


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#75

1,1,2,2-Tetrachloroethane

Concen: 0.26 ug/l

RT: 11.29 min Scan# 1755

Delta R.T. 0.01 min

Lab File: VX000563.D

Acq: 30 Mar 2018 16:40

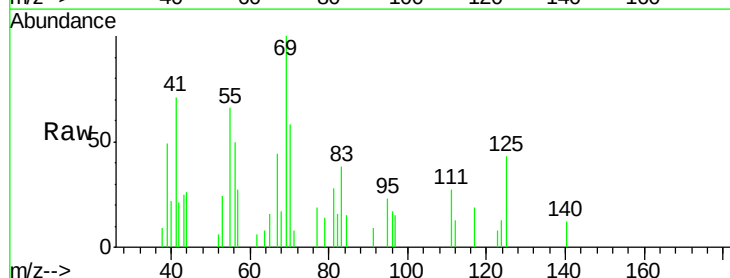
Tgt Ion: 83 Resp: 658

Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

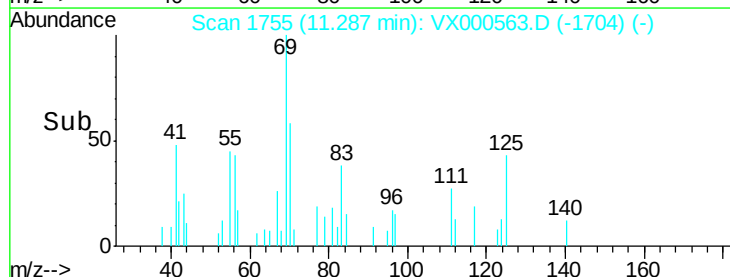
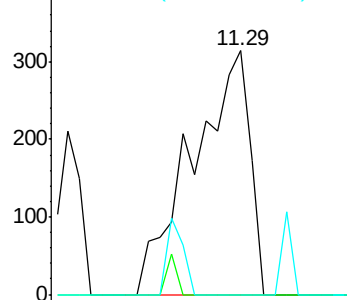
85 0.0 32.5 97.5#

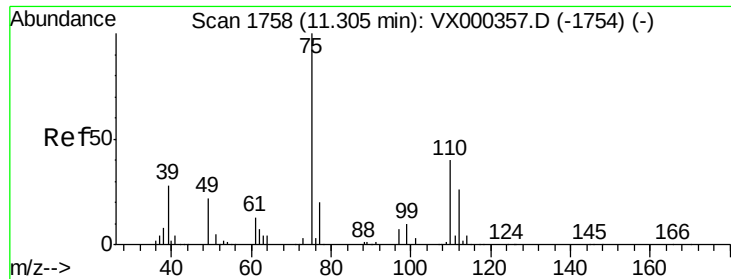


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

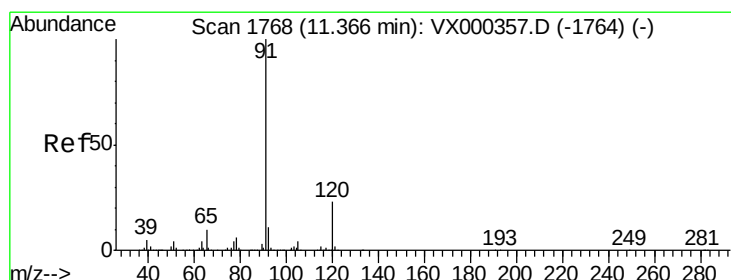
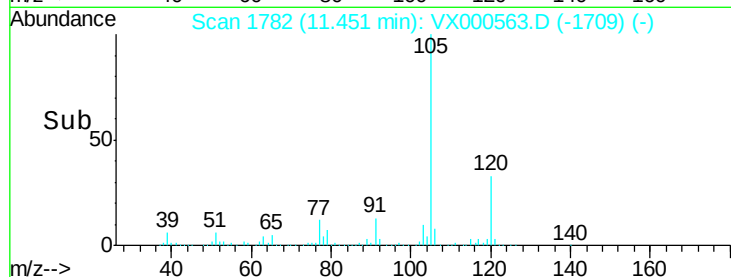
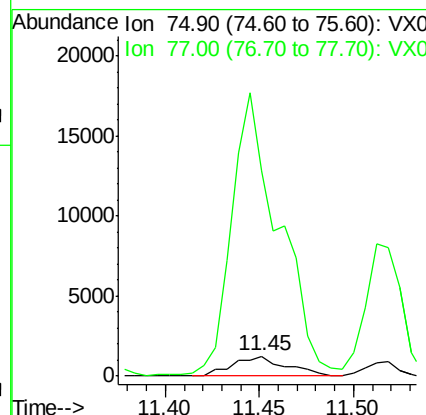
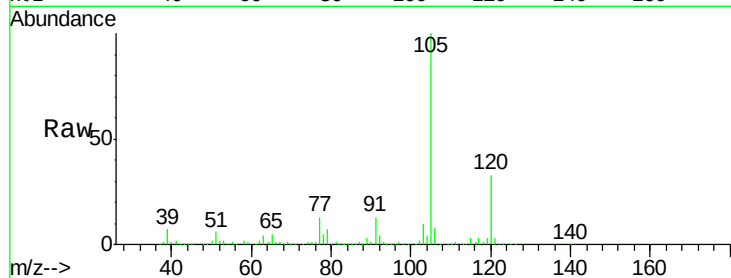




#76
 1,2,3-Trichloropropane
 Concen: 1.05 ug/l
 RT: 11.45 min Scan# 1782
 Delta R.T. 0.15 min
 Lab File: VX000563.D
 Acq: 30 Mar 2018 16:40

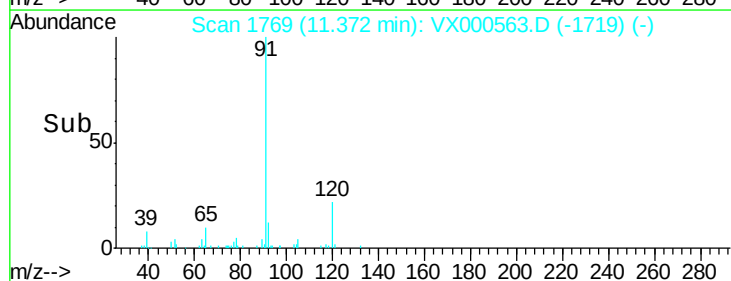
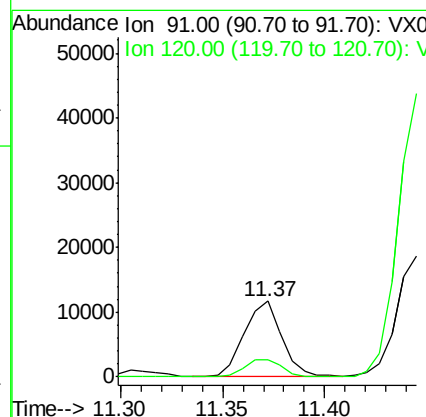
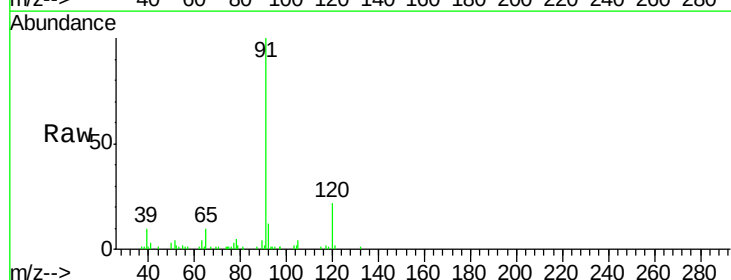
Instrument :
 MSVOA_X
 ClientSampled :
 PAD-1

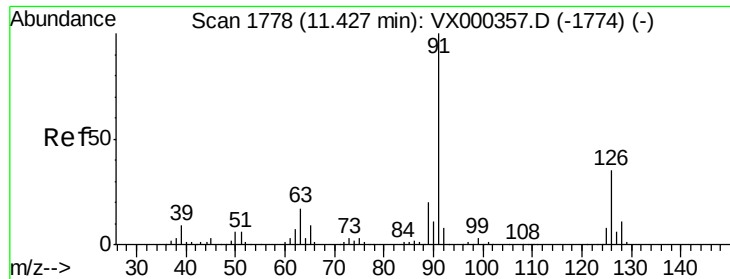
Tgt Ion: 75 Resp: 2398
 Ion Ratio Lower Upper
 75 100
 77 1274.0 21.4 64.2#



#78
 n-propylbenzene
 Concen: 1.80 ug/l
 RT: 11.37 min Scan# 1769
 Delta R.T. 0.01 min
 Lab File: VX000563.D
 Acq: 30 Mar 2018 16:40

Tgt Ion: 91 Resp: 15089
 Ion Ratio Lower Upper
 91 100
 120 22.4 11.8 35.3

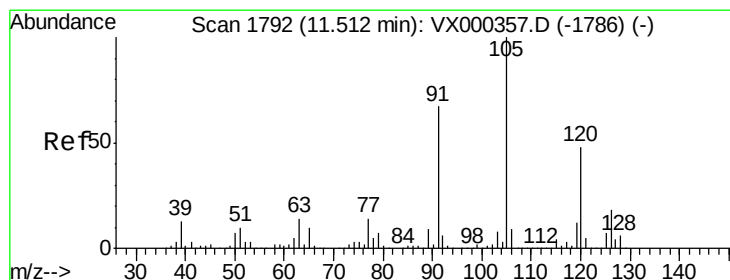
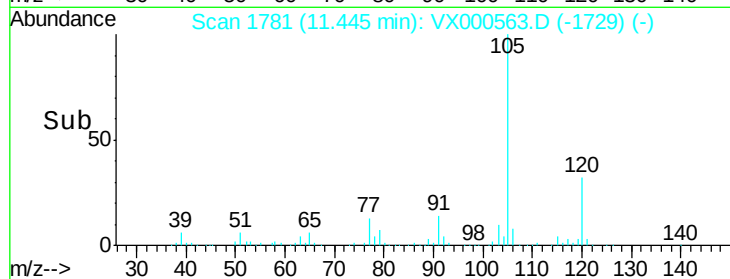
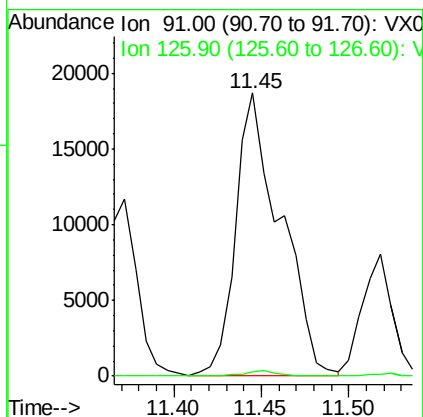
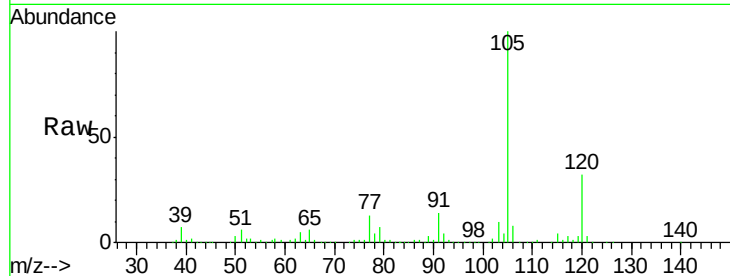




#79
 2-Chlorotoluene
 Concen: 6.89 ug/l
 RT: 11.45 min Scan# 1781
 Delta R.T. 0.02 min
 Lab File: VX000563.D
 Acq: 30 Mar 2018 16:40

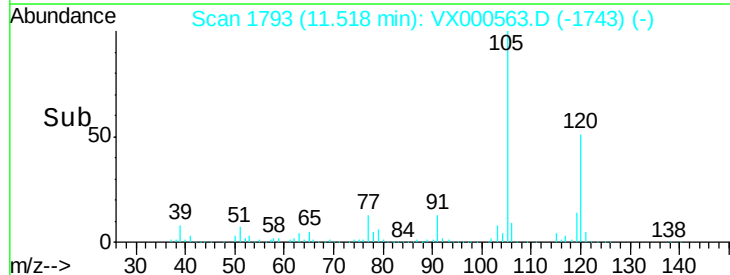
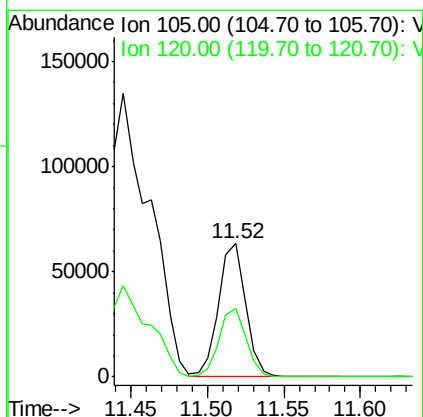
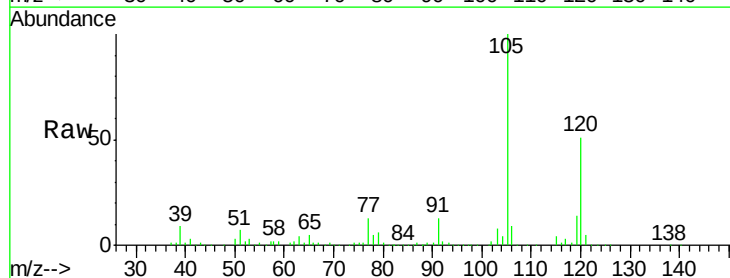
Instrument :
 MSVOA_X
 ClientSampled :
 PAD-1

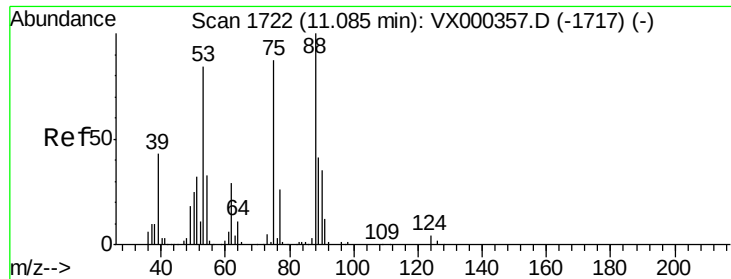
Tgt Ion: 91 Resp: 33385
 Ion Ratio Lower Upper
 91 100
 126 1.4 17.7 53.1#



#80
 1,3,5-Trimethylbenzene
 Concen: 13.25 ug/l
 RT: 11.52 min Scan# 1793
 Delta R.T. 0.01 min
 Lab File: VX000563.D
 Acq: 30 Mar 2018 16:40

Tgt Ion: 105 Resp: 78439
 Ion Ratio Lower Upper
 105 100
 120 51.3 24.1 72.4

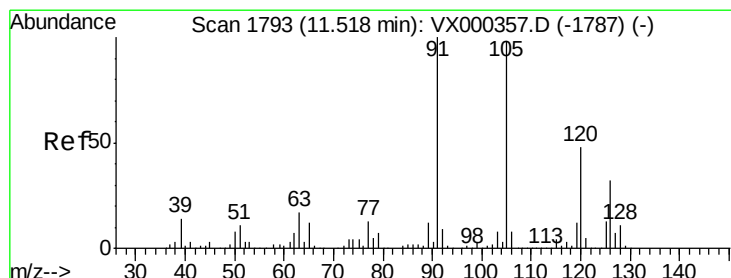
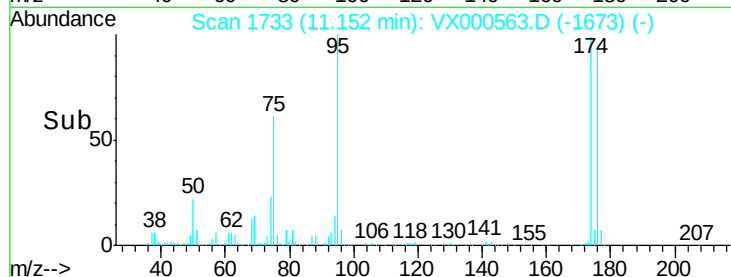
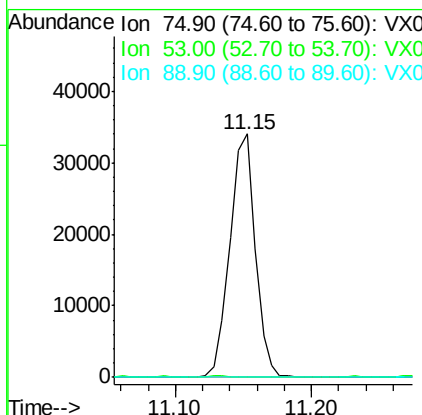
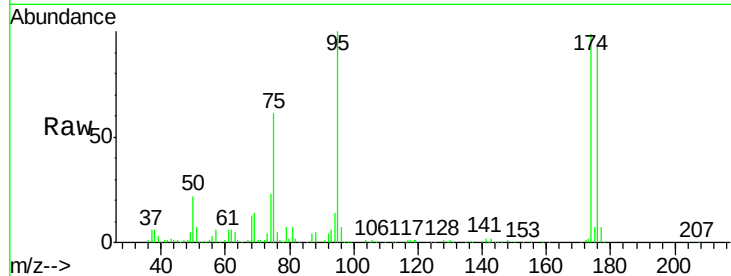




#81
trans-1,4-Dichloro-2-butene
Concen: 62.79 ug/l
RT: 11.15 min Scan# 1733
Delta R.T. 0.07 min
Lab File: VX000563.D
Acq: 30 Mar 2018 16:40

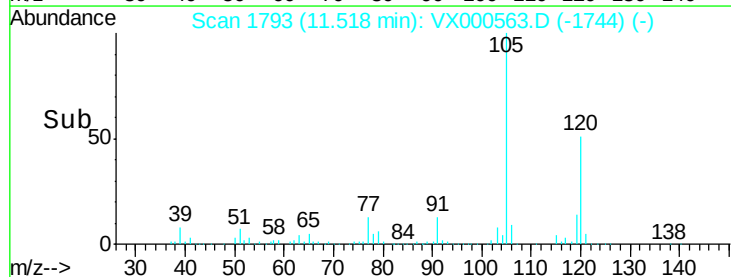
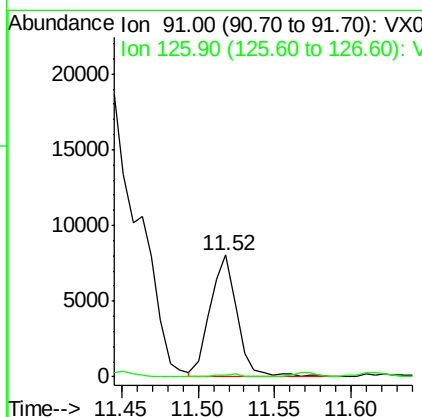
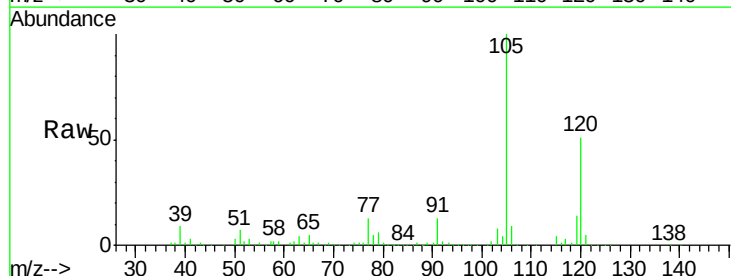
Instrument :
MSVOA_X
ClientSampled :
PAD-1

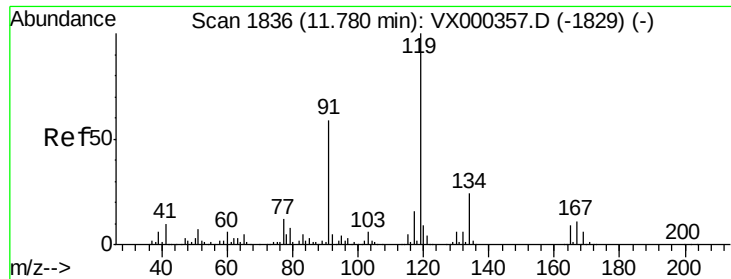
Tgt Ion: 75 Resp: 44276
Ion Ratio Lower Upper
75 100
53 0.3 80.7 121.1#
89 0.0 39.4 59.0#



#82
4-Chlorotoluene
Concen: 1.71 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000563.D
Acq: 30 Mar 2018 16:40

Tgt Ion: 91 Resp: 9908
Ion Ratio Lower Upper
91 100
126 1.9 15.4 46.1#

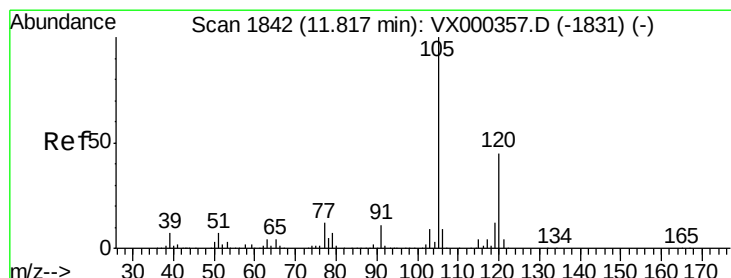
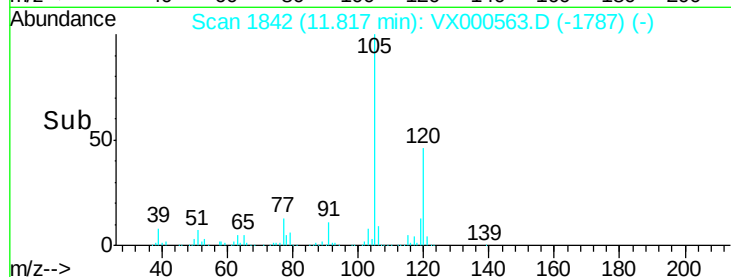
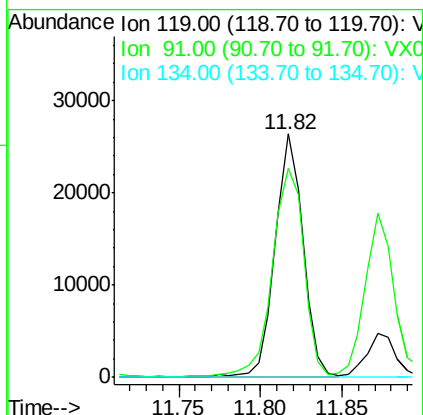
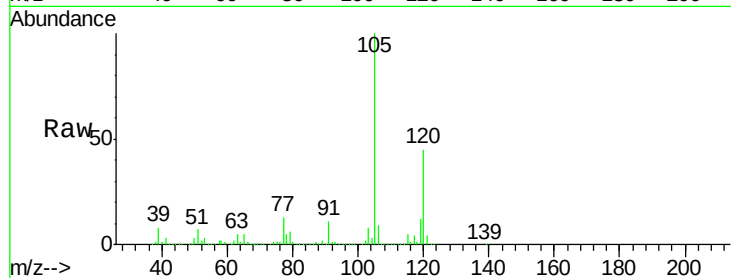




#83
tert-Butylbenzene
Concen: 5.22 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.04 min
Lab File: VX000563.D
Acq: 30 Mar 2018 16:40

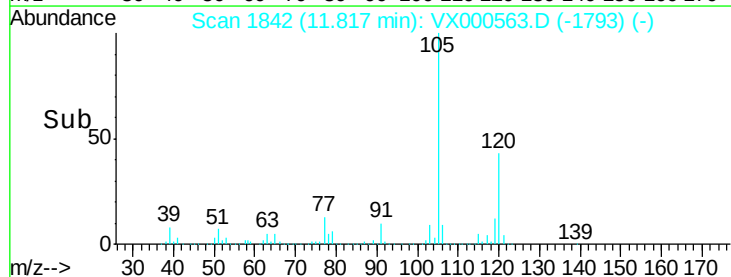
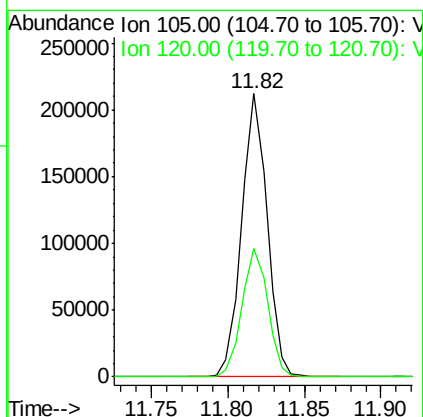
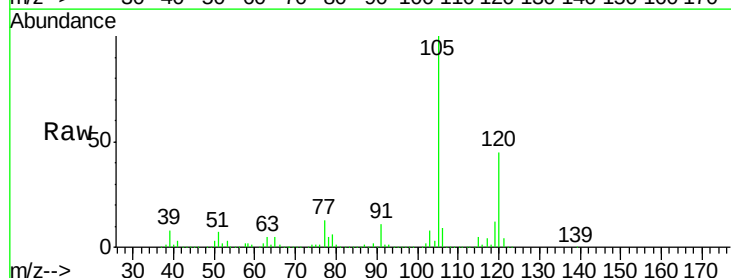
Instrument :
MSVOA_X
ClientSampled :
PAD-1

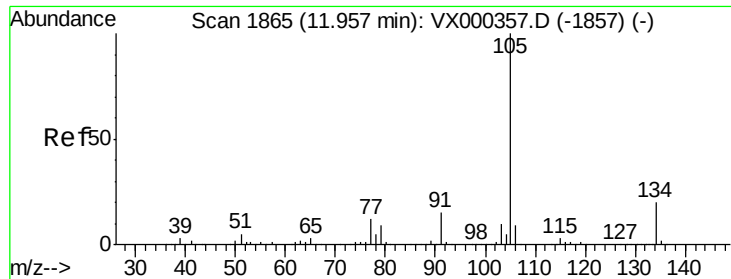
Tgt Ion:119 Resp: 31153
Ion Ratio Lower Upper
119 100
91 96.1 28.8 86.4#
134 0.0 11.4 34.1#



#84
1,2,4-Trimethylbenzene
Concen: 39.47 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX000563.D
Acq: 30 Mar 2018 16:40

Tgt Ion:105 Resp: 244866
Ion Ratio Lower Upper
105 100
120 45.9 22.4 67.3

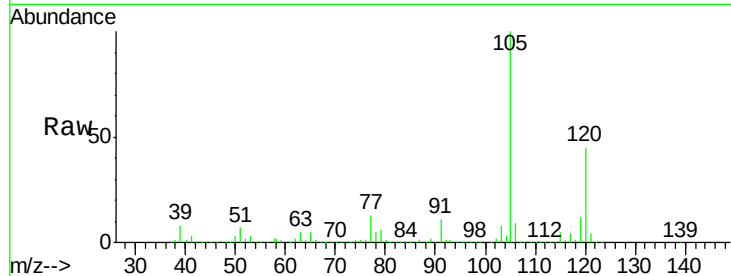




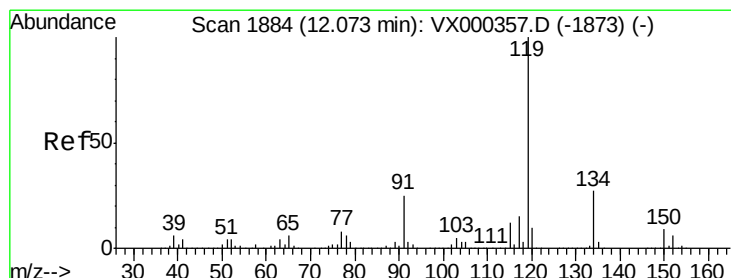
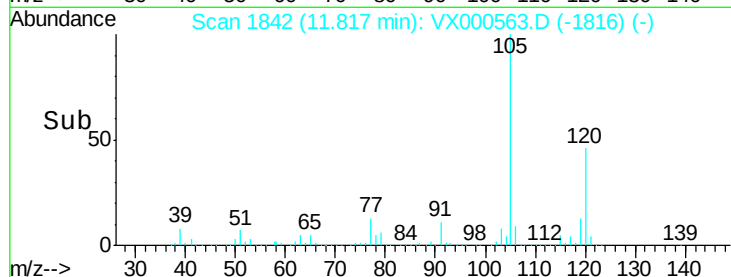
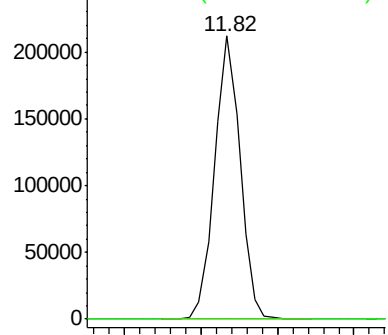
#85
 sec-Butylbenzene
 Concen: 33.16 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.14 min
 Lab File: VX000563.D
 Acq: 30 Mar 2018 16:40

Instrument :
 MSVOA_X
 ClientSampleId :
 PAD-1

Tgt Ion:105 Resp: 244866
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.3 30.8#

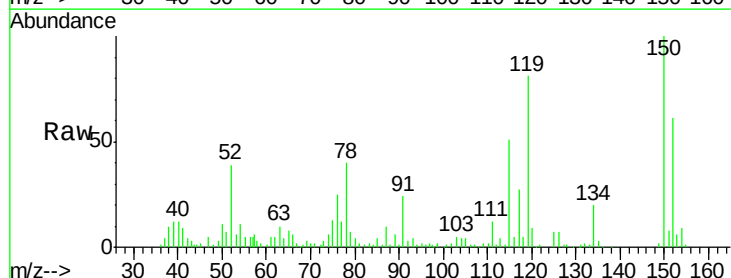


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

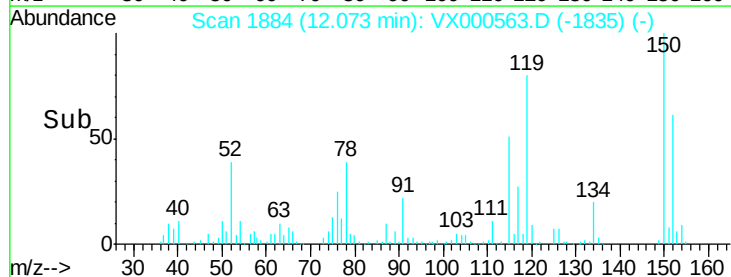
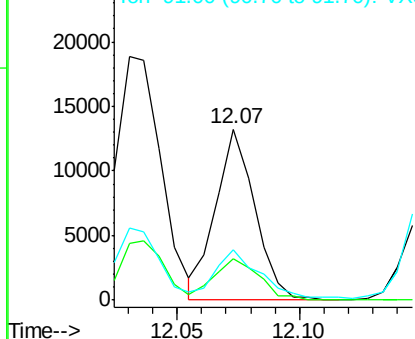


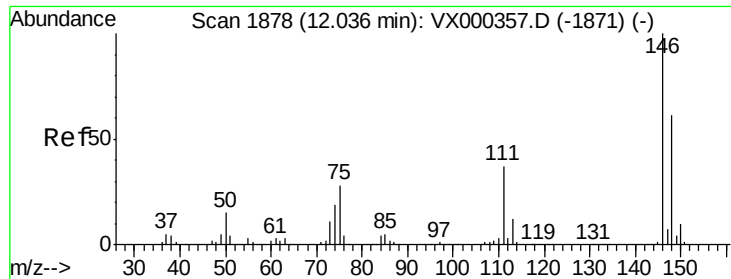
#86
 p-Isopropyltoluene
 Concen: 2.25 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000563.D
 Acq: 30 Mar 2018 16:40

Tgt Ion:119 Resp: 14781
 Ion Ratio Lower Upper
 119 100
 134 28.3 13.3 39.9
 91 31.8 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

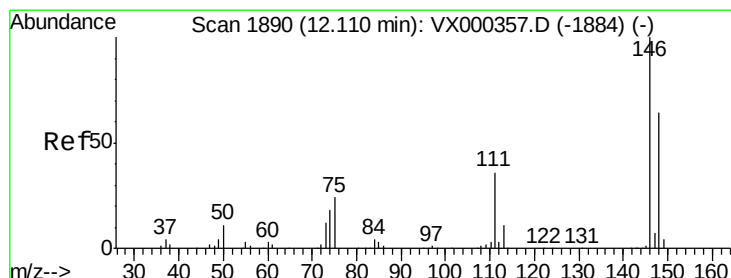
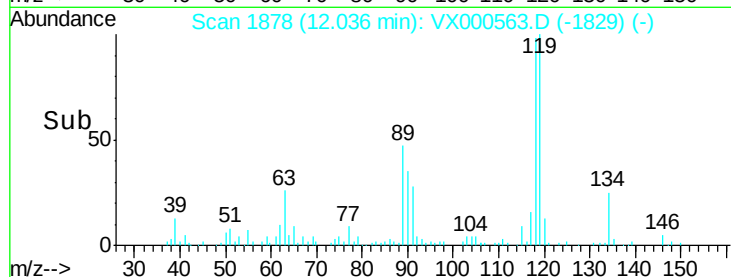
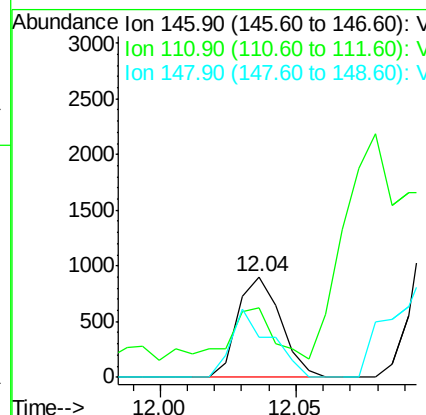
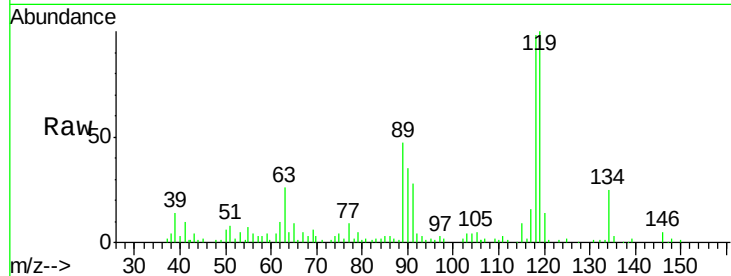




#87
 1,3-Dichlorobenzene
 Concen: 0.28 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000563.D
 Acq: 30 Mar 2018 16:40

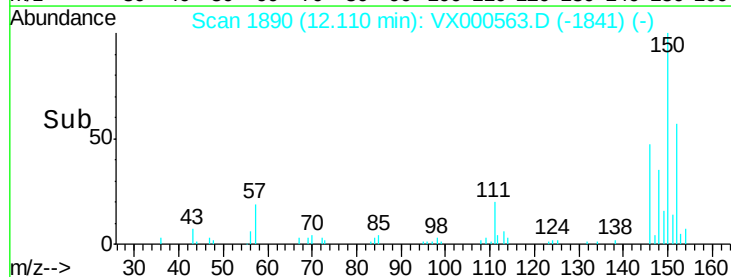
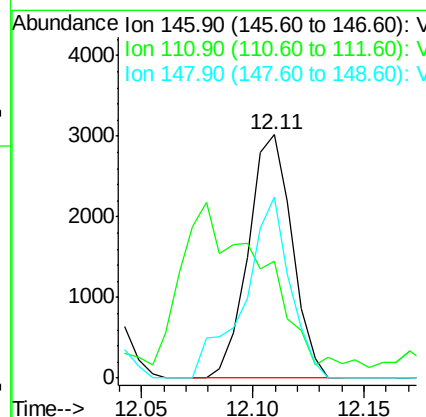
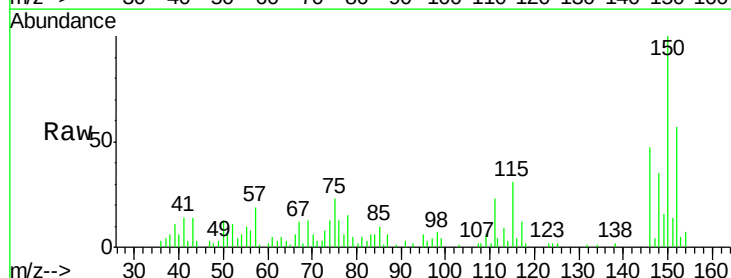
Instrument :
 MSVOA_X
 ClientSampleId :
 PAD-1

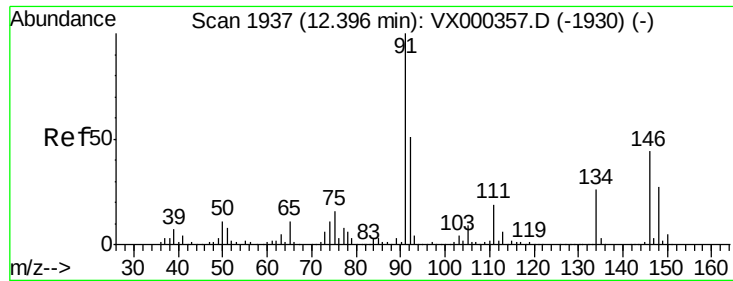
Tgt Ion:146 Resp: 988
 Ion Ratio Lower Upper
 146 100
 111 71.0 19.5 58.5#
 148 61.6 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 1.11 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VX000563.D
 Acq: 30 Mar 2018 16:40

Tgt Ion:146 Resp: 4131
 Ion Ratio Lower Upper
 146 100
 111 0.0 18.9 56.9#
 148 78.1 31.0 93.0

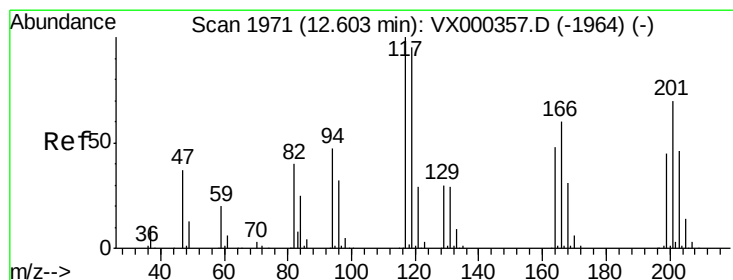
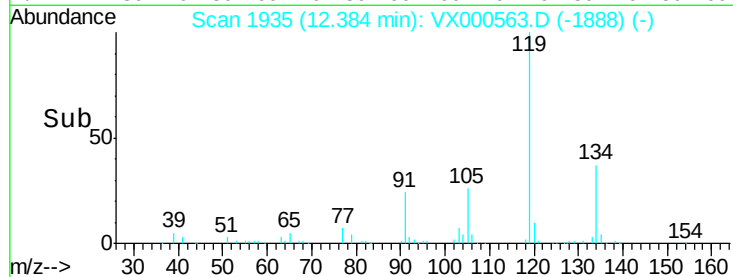
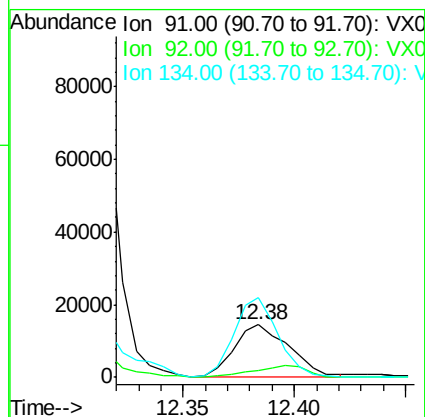
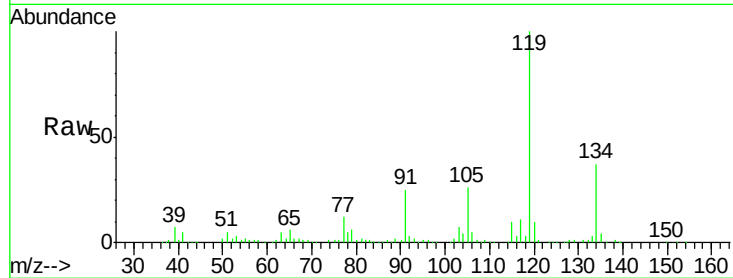




#89
n-Butylbenzene
Concen: 3.91 ug/l
RT: 12.38 min Scan# 1935
Delta R.T. -0.01 min
Lab File: VX000563.D
Acq: 30 Mar 2018 16:40

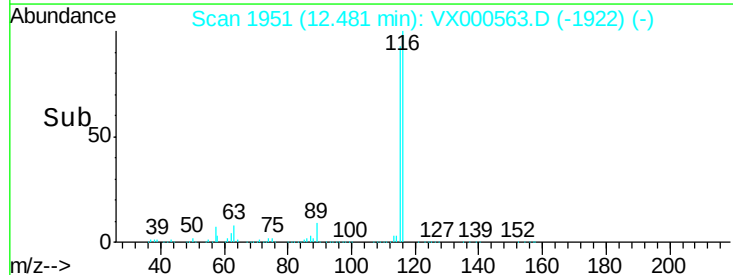
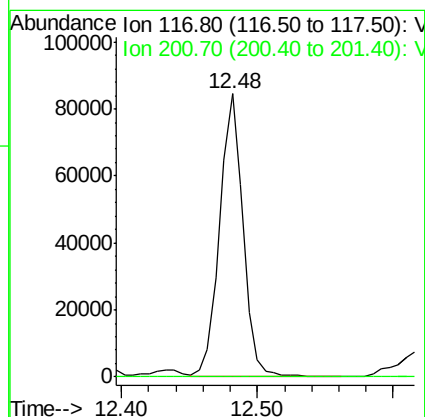
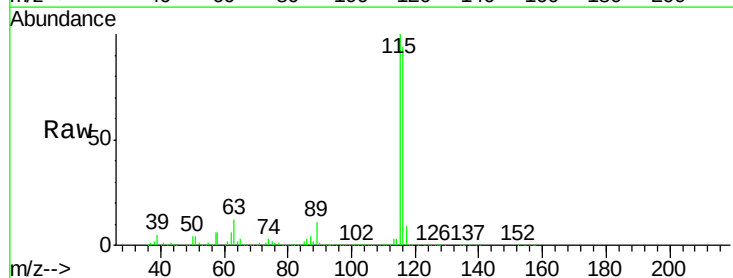
Instrument :
MSVOA_X
ClientSampled :
PAD-1

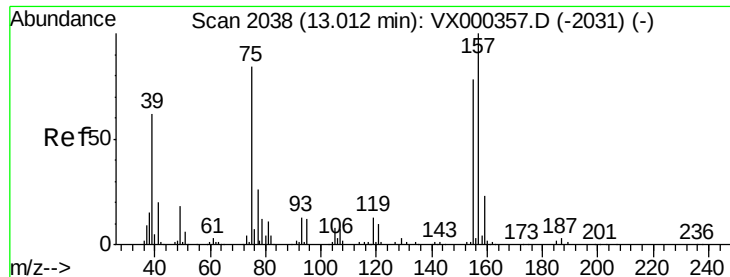
Tgt Ion: 91 Resp: 23864
Ion Ratio Lower Upper
91 100
92 22.7 25.9 77.8#
134 126.0 13.1 39.3#



#90
Hexachloroethane
Concen: 97.71 ug/l
RT: 12.48 min Scan# 1951
Delta R.T. -0.12 min
Lab File: VX000563.D
Acq: 30 Mar 2018 16:40

Tgt Ion: 117 Resp: 100867
Ion Ratio Lower Upper
117 100
201 0.0 37.9 113.6#

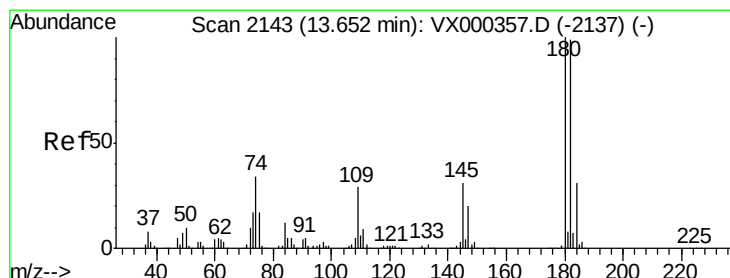
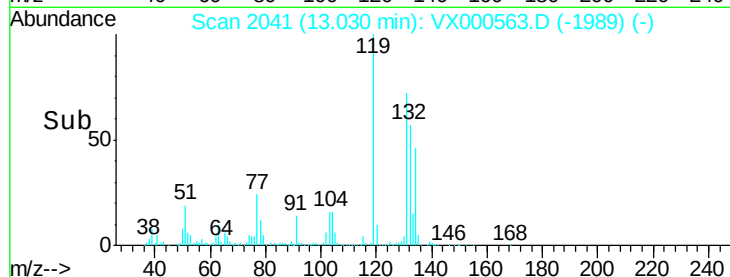
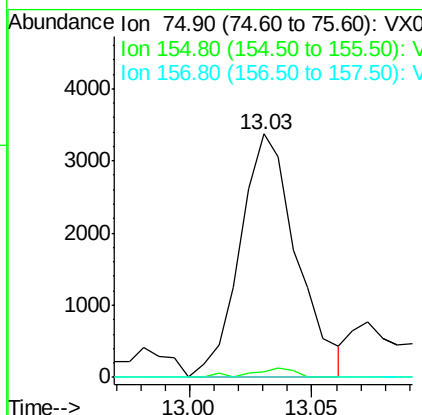
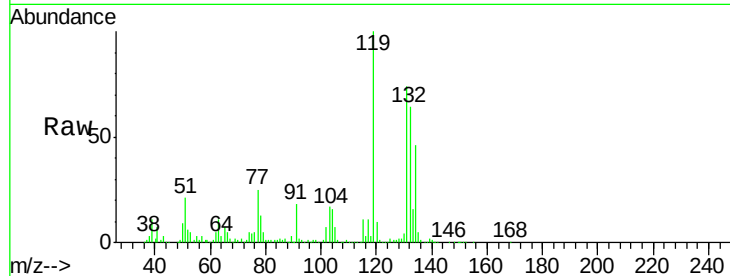




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 7.86 ug/l
 RT: 13.03 min Scan# 2041
 Delta R.T. 0.02 min
 Lab File: VX000563.D
 Acq: 30 Mar 2018 16:40

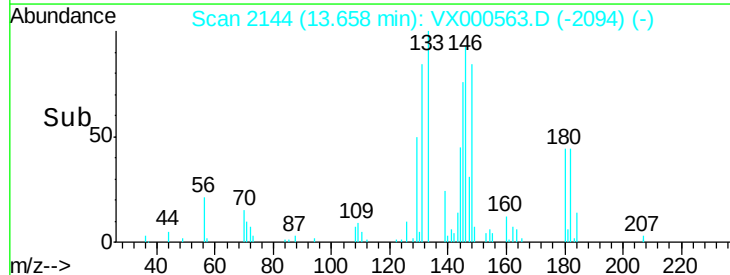
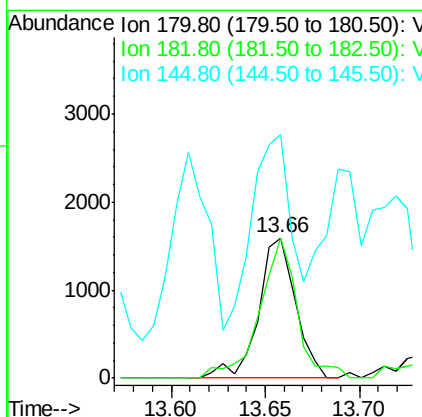
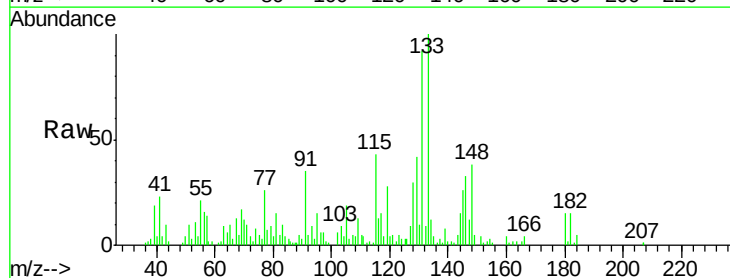
Instrument :
 MSVOA_X
 ClientSampleId :
 PAD-1

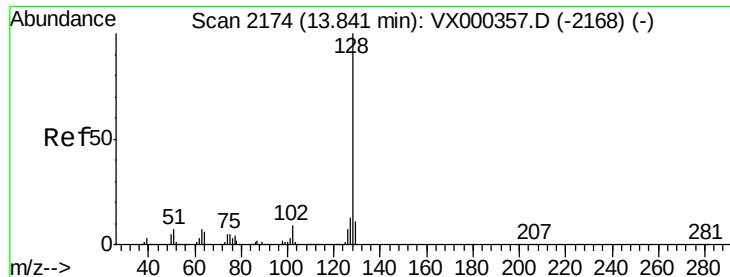
Tgt Ion: 75 Resp: 5456
 Ion Ratio Lower Upper
 75 100
 155 2.7 45.0 134.8#
 157 0.0 58.1 174.2#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.87 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. 0.01 min
 Lab File: VX000563.D
 Acq: 30 Mar 2018 16:40

Tgt Ion: 180 Resp: 2174
 Ion Ratio Lower Upper
 180 100
 182 100.6 47.6 142.9
 145 148.3 15.1 45.3#

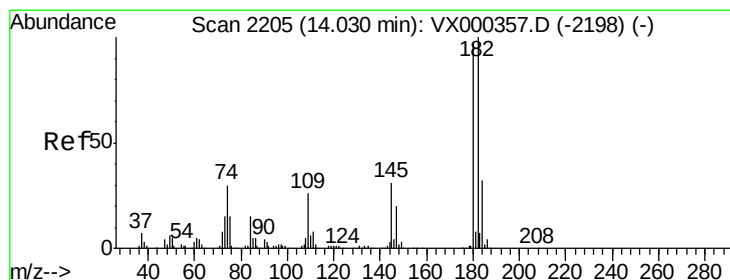
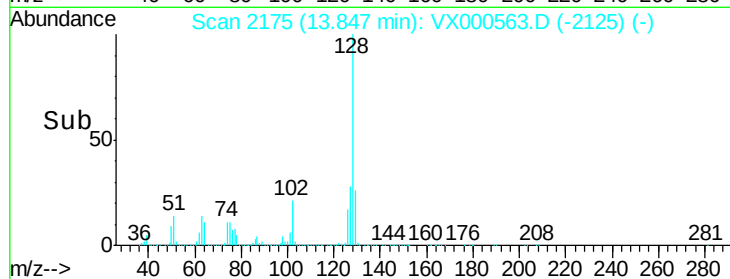
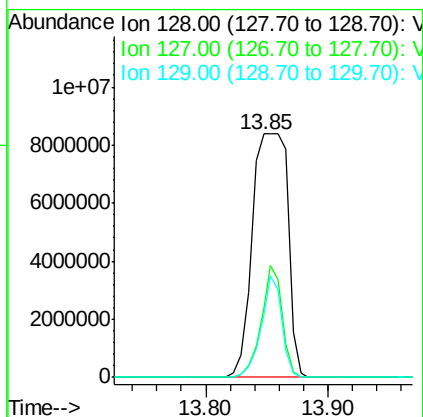
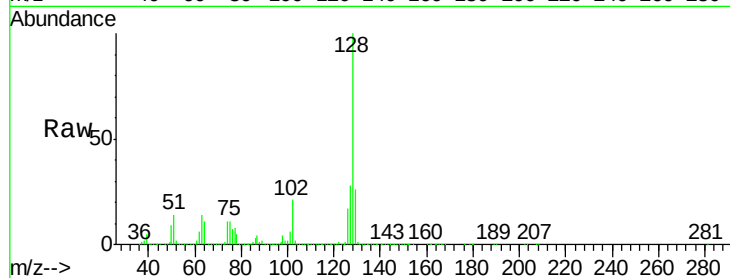




#95
Naphthalene
Concen: 1941.71 ug/l
RT: 13.85 min Scan# 2175
Delta R.T. 0.01 min
Lab File: VX000563.D
Acq: 30 Mar 2018 16:40

Instrument :
MSVOA_X
ClientSampled :
PAD-1

Tgt Ion:128 Resp:16853321
Ion Ratio Lower Upper
128 100
127 27.3 10.6 15.8#
129 24.4 8.9 13.3#



#96
1,2,3-Trichlorobenzene
Concen: 0.49 ug/l
RT: 14.04 min Scan# 2206
Delta R.T. 0.01 min
Lab File: VX000563.D
Acq: 30 Mar 2018 16:40

Tgt Ion:180 Resp: 1199
Ion Ratio Lower Upper
180 100
182 82.0 47.4 142.3
145 535.1 15.8 47.3#

