

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051118\
 Data File : VX001627.D
 Acq On : 11 May 2018 03:29
 Operator : JC/MD
 Sample : J2766-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 001M-WILLETS-PT-BLVD(MAY)

Quant Time: May 11 07:24:14 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X051118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 11 07:16:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	55614	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	286814	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	258882	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	124249	30.62	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.07%
60) 4-Bromofluorobenzene	11.14	95	119849	29.25	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.50%
63) Toluene-d8	8.72	98	337520	29.23	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.43%

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	17814	5.94	ug/l	# 50
5) Bromomethane	1.65	94	940	0.61	ug/l	82
6) Chloroethane	1.32	64	847159	406.15	ug/l	# 54
11) Methyl Iodide	2.52	142	2495	0.67	ug/l	96
12) Methyl Acetate	2.78	43	27211	6.22	ug/l	98
13) Acrolein	2.00	56	182	0.37	ug/l	94
14) Acrylonitrile	3.15	53	699	0.40	ug/l	# 76
15) Acetone	2.45	58	1118277	2380.92	ug/l	94
16) Carbon Disulfide	2.57	76	13885	2.18	ug/l	99
18) Methylene Chloride	2.86	84	2472	0.81	ug/l	92
22) cis-1,2-Dichloroethene	4.61	96	682	0.22	ug/l	# 13
23) tert-Butyl Alcohol	3.08	59	1535	1.97	ug/l	# 98
30) 2-Butanone	4.72	43	54475	22.91	ug/l	99
37) Trichloroethene	7.23	130	891	0.26	ug/l	# 62
53) Dibromochloromethane	9.34	129	6672	2.10	ug/l	# 12
56) Bromoform	11.15	173	1463	0.56	ug/l	# 1
58) 4-Methyl-2-Pentanone	8.66	43	15265	3.28	ug/l	97
59) 2-Hexanone	9.51	43	1420	0.41	ug/l	# 88
61) Tetrachloroethene	9.34	164	7862	2.09	ug/l	95
62) Toluene	8.79	91	40963	3.29	ug/l	99
66) Ethyl Benzene	10.26	91	4902	0.38	ug/l	97
67) m/p-Xylenes	10.37	106	2613	0.51	ug/l	99
68) o-Xylene	10.70	106	1324	0.26	ug/l	93
69) Styrene	10.72	104	3103	0.37	ug/l	94
71) 1,1,2,2-Tetrachloroethane	11.25	83	970	0.22	ug/l	# 52
76) 1,3,5-Trimethylbenzene	11.51	105	2411	0.22	ug/l	94
77) t-1,4-Dichloro-2-butene	11.14	75	58766	53.46	ug/l	# 4
79) tert-butylbenzene	12.07	119	245162	20.93	ug/l	100
80) 1,2,4-Trimethylbenzene	11.82	105	15570	1.38	ug/l	59
81) sec-Butylbenzene	11.82	105	15570	1.21	ug/l	60
82) p-Isopropyltoluene	12.07	119	245162	20.93	ug/l	100
83) 1,3-Dichlorobenzene	12.10	146	1890	0.27	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	1890	0.27	ug/l	97
85) n-Butylbenzene	12.39	91	2099	0.23	ug/l	82
89) 1,2,4-Trichlorobenzene	13.65	180	1700	0.33	ug/l	# 84
91) Naphthalene	13.84	128	9583	0.62	ug/l	# 94
92) 1,2,3-Trichlorobenzene	14.03	180	1295	0.24	ug/l	93

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MSVOA_X
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001M-WILLETS-PT-BLVD(MAY)

Quant Time: May 11 07:24:14 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X051118W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 11 07:16:13 2018
Response via : Initial Calibration

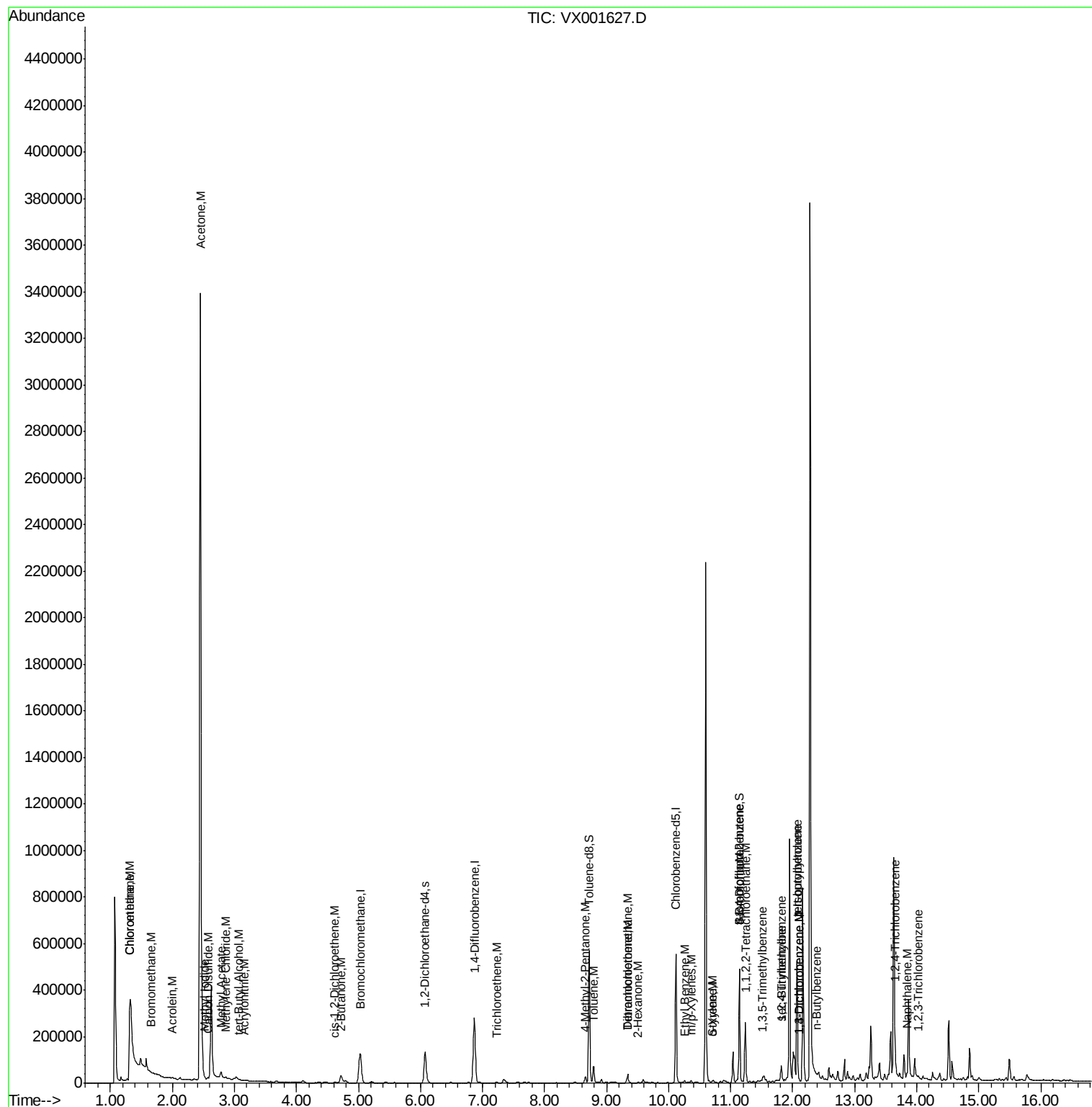
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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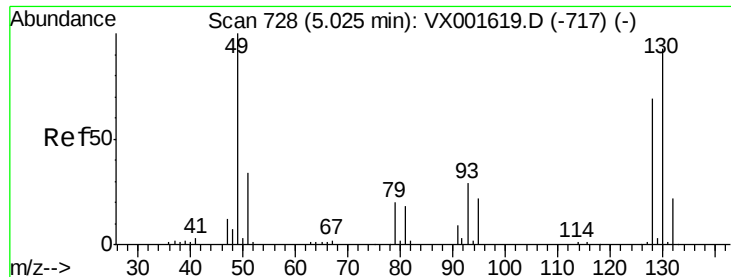
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X051118W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 11 07:16:13 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX001627.D

Acq: 11 May 2018 03:29

Instrument :

MSVOA_X

ClientSampleId :

001M-WILLETS-PT-BLVD(MAY)

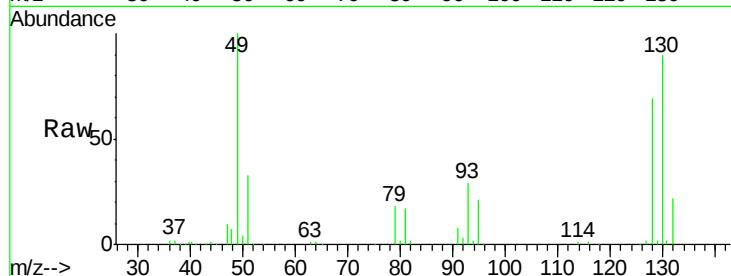
Tgt Ion:128 Resp: 55614

Ion Ratio Lower Upper

128 100

49 146.1 0.0 372.0

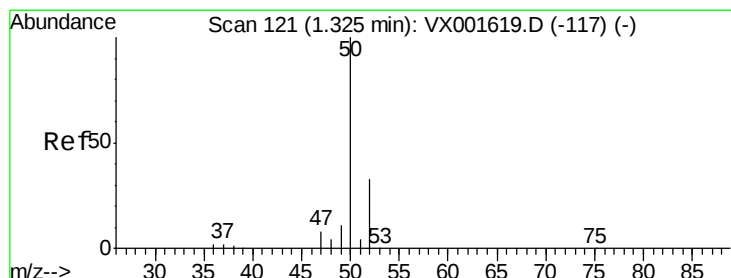
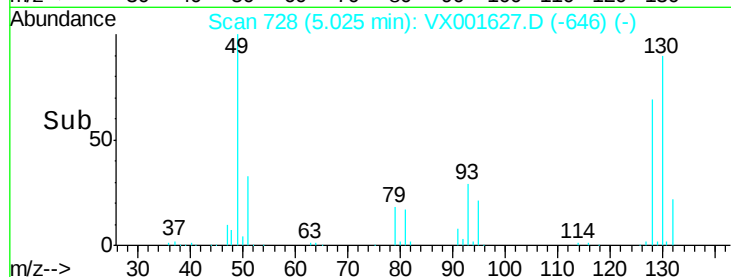
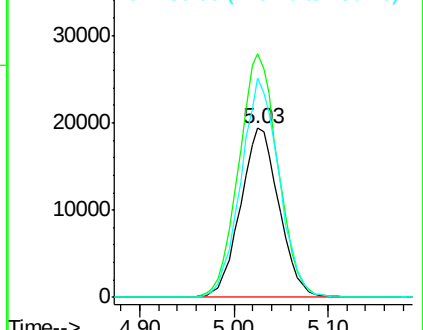
130 127.9 0.0 326.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#3

Chloromethane

Concen: 5.94 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001627.D

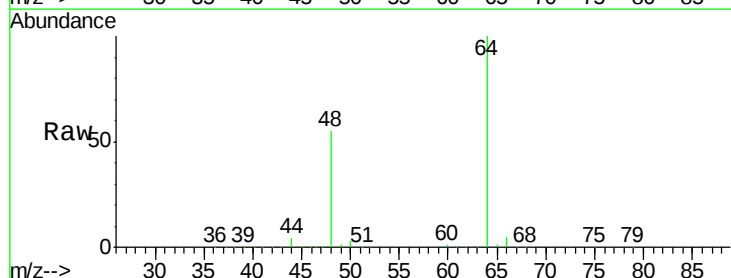
Acq: 11 May 2018 03:29

Tgt Ion: 50 Resp: 17814

Ion Ratio Lower Upper

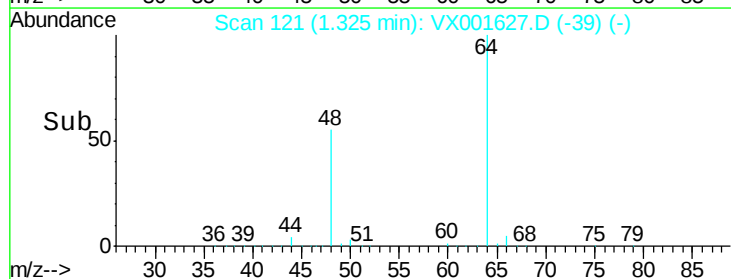
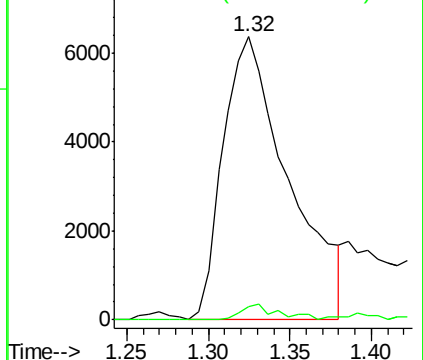
50 100

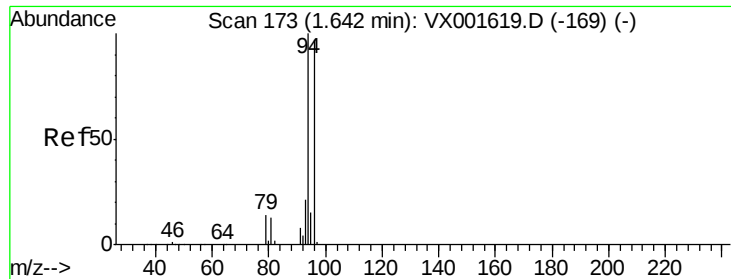
52 4.7 26.4 39.6#



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#5

Bromomethane

Concen: 0.61 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001627.D

Acq: 11 May 2018 03:29

Instrument :

MSVOA_X

ClientSampleId :

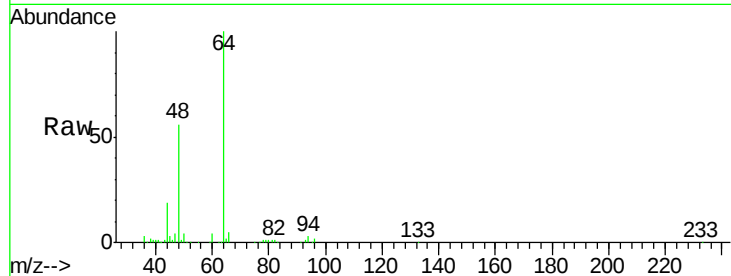
001M-WILLETS-PT-BLVD(MAY)

Tgt Ion: 94 Resp: 940

Ion Ratio Lower Upper

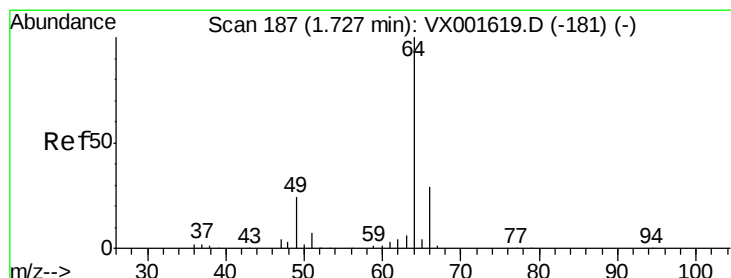
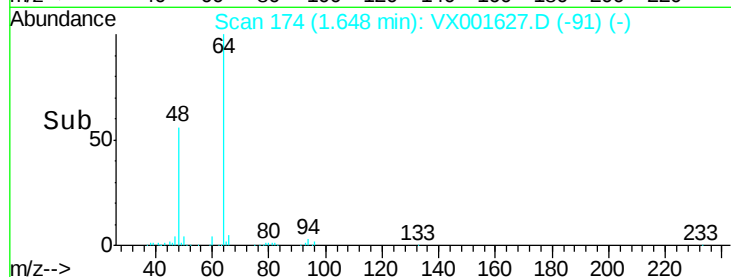
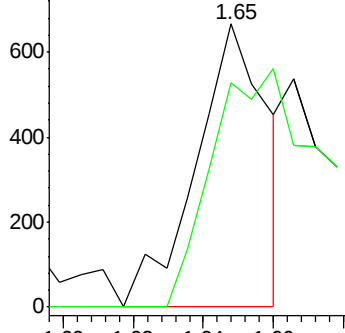
94 100

96 79.1 77.8 116.8



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 406.15 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.41 min

Lab File: VX001627.D

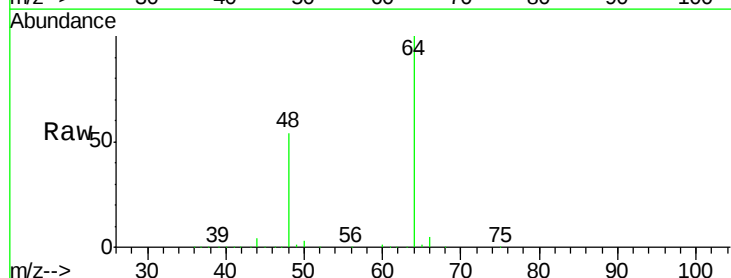
Acq: 11 May 2018 03:29

Tgt Ion: 64 Resp: 847159

Ion Ratio Lower Upper

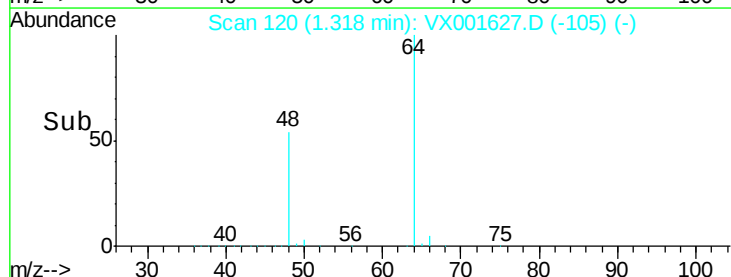
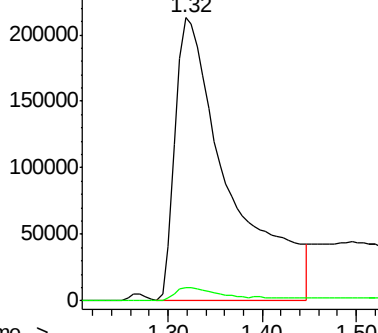
64 100

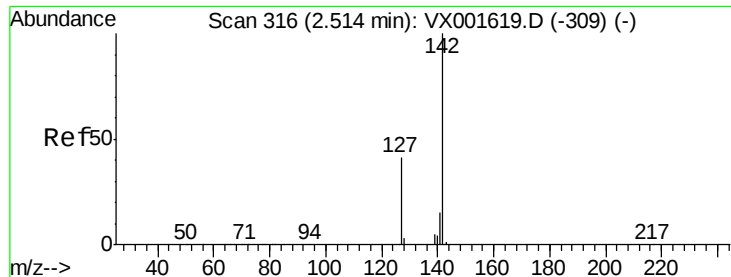
66 4.8 23.4 35.2#



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

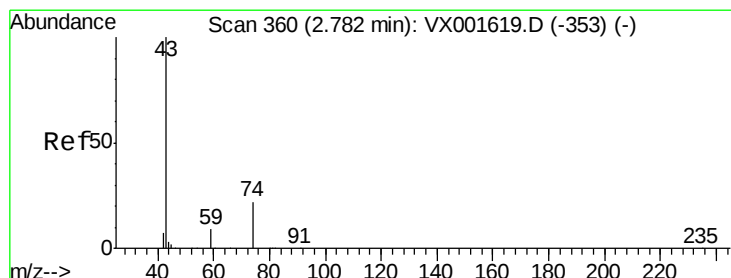
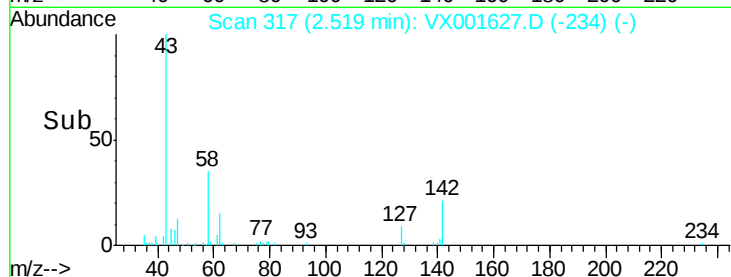
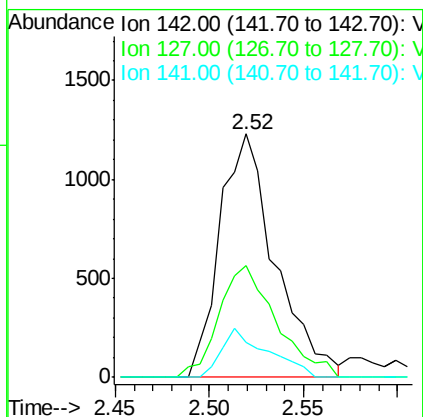
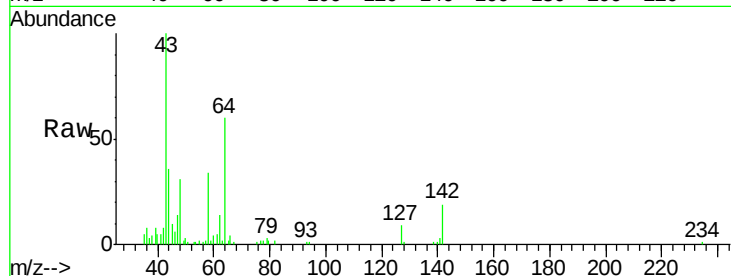




#11
Methyl Iodide
Concen: 0.67 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001627.D
Acq: 11 May 2018 03:29

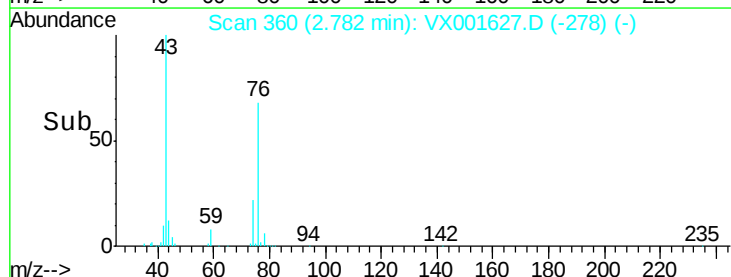
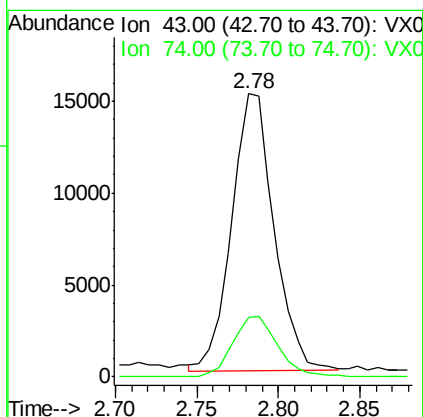
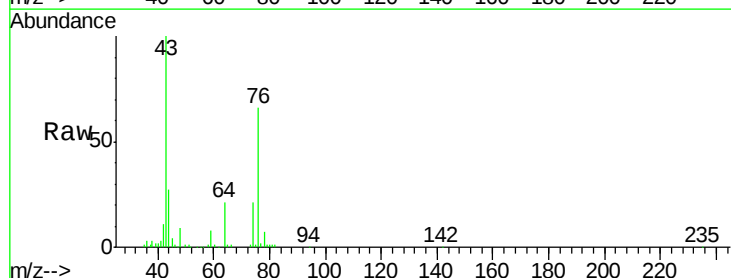
Instrument :
MSVOA_X
ClientSampleId :
001M-WILLETS-PT-BLVD(MAY)

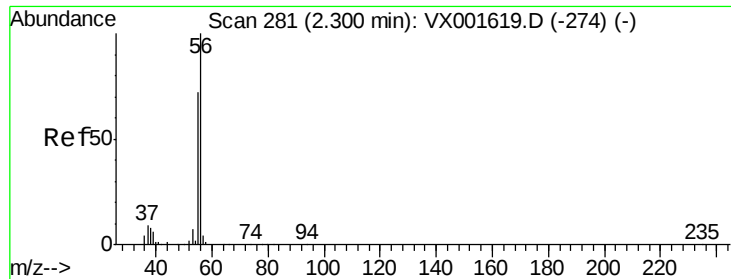
Tgt Ion:142 Resp: 2495
Ion Ratio Lower Upper
142 100
127 44.7 20.7 62.1
141 14.9 7.4 22.3



#12
Methyl Acetate
Concen: 6.22 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001627.D
Acq: 11 May 2018 03:29

Tgt Ion: 43 Resp: 27211
Ion Ratio Lower Upper
43 100
74 21.6 18.0 27.0





#13

Acrolein

Concen: 0.37 ug/l

RT: 2.00 min Scan# 232

Delta R.T. -0.30 min

Lab File: VX001627.D

Acq: 11 May 2018 03:29

Instrument :

MSVOA_X

ClientSampleId :

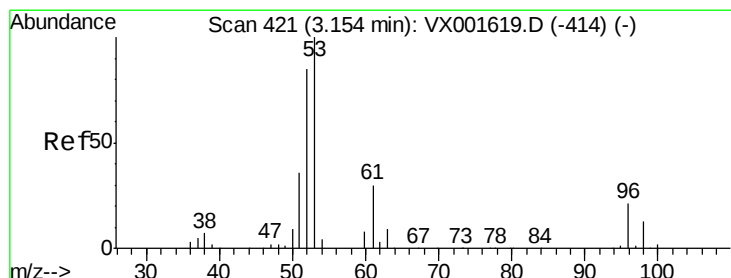
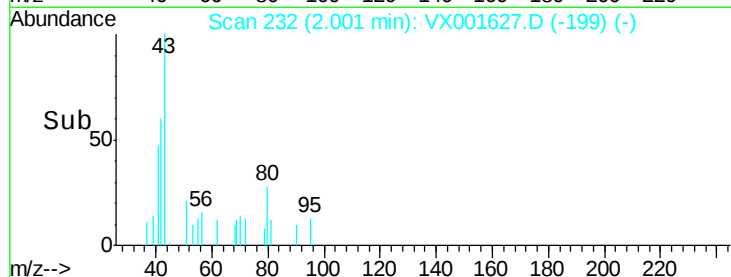
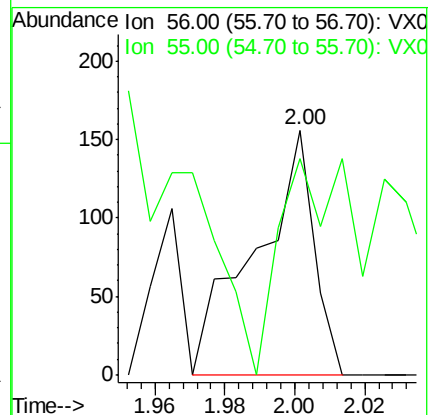
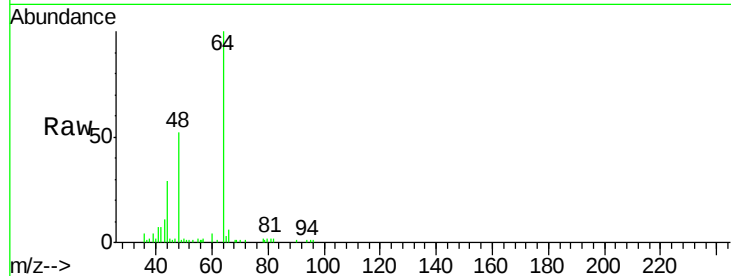
001M-WILLETS-PT-BLVD(MAY)

Tgt Ion: 56 Resp: 182

Ion Ratio Lower Upper

56 100

55 65.9 56.9 85.3



#14

Acrylonitrile

Concen: 0.40 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001627.D

Acq: 11 May 2018 03:29

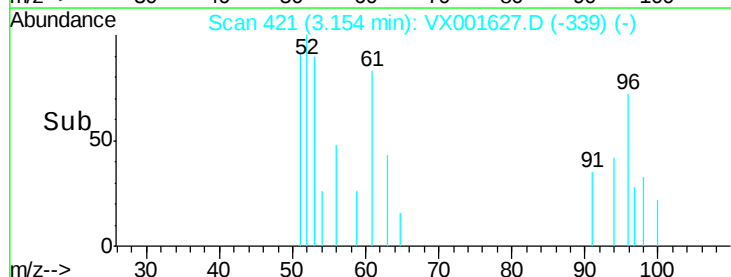
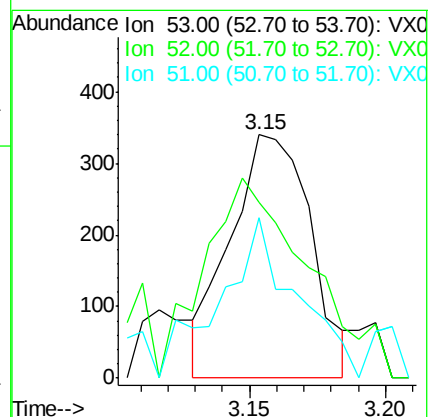
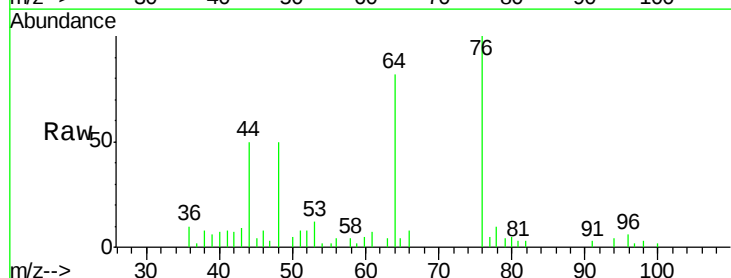
Tgt Ion: 53 Resp: 699

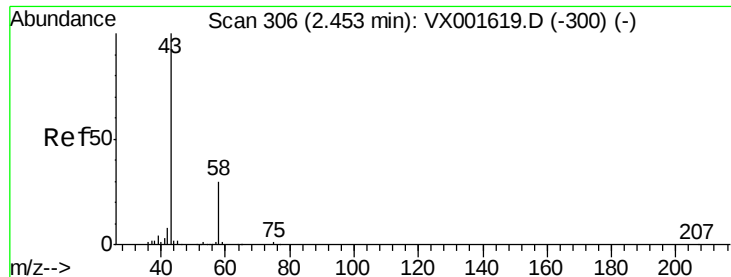
Ion Ratio Lower Upper

53 100

52 101.9 41.3 123.9

51 54.4 18.1 54.3#





#15

Acetone

Concen: 2380.92 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001627.D

Acq: 11 May 2018 03:29

Instrument :

MSVOA_X

ClientSampleId :

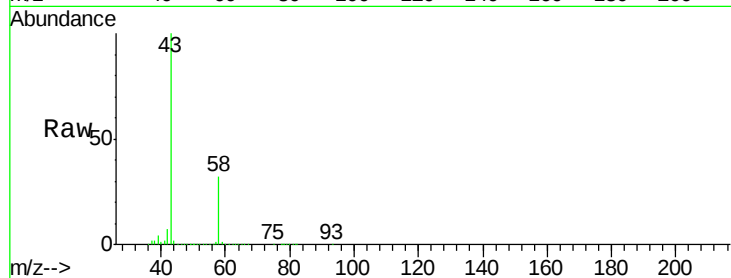
001M-WILLETS-PT-BLVD(MAY)

Tgt Ion: 58 Resp: 1118277

Ion Ratio Lower Upper

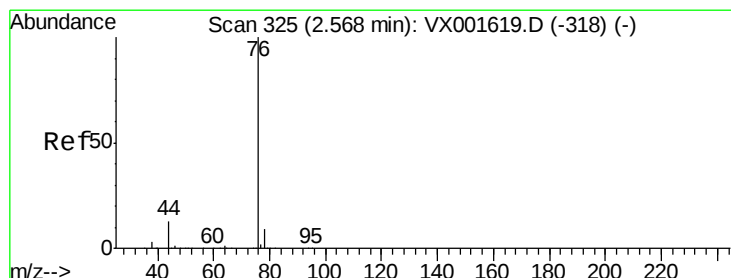
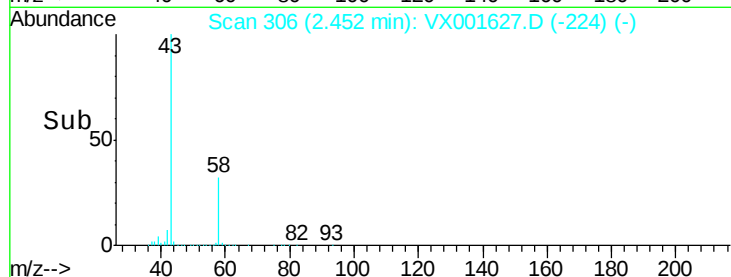
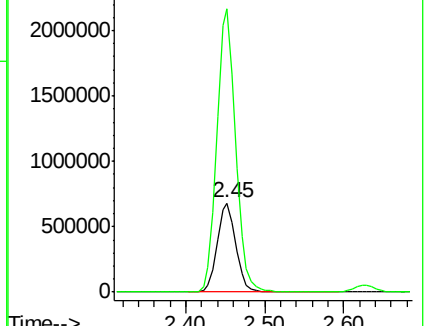
58 100

43 317.0 264.2 396.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 2.18 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX001627.D

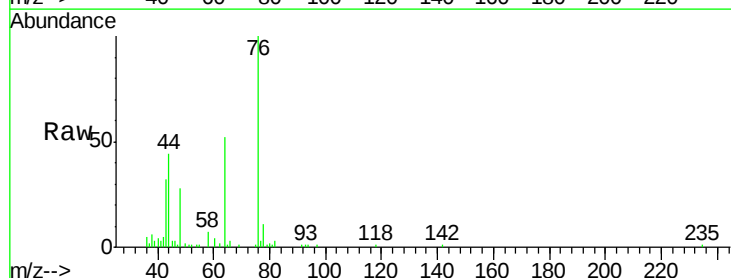
Acq: 11 May 2018 03:29

Tgt Ion: 76 Resp: 13885

Ion Ratio Lower Upper

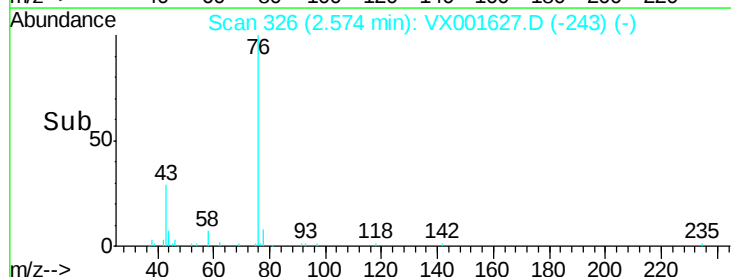
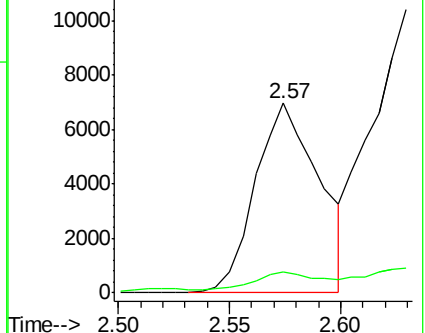
76 100

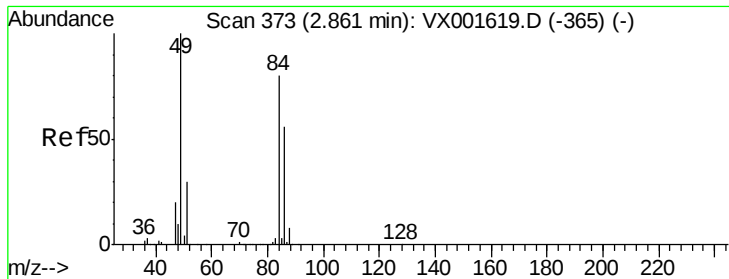
78 9.6 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

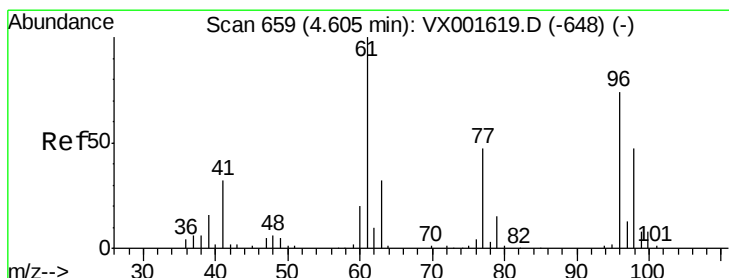
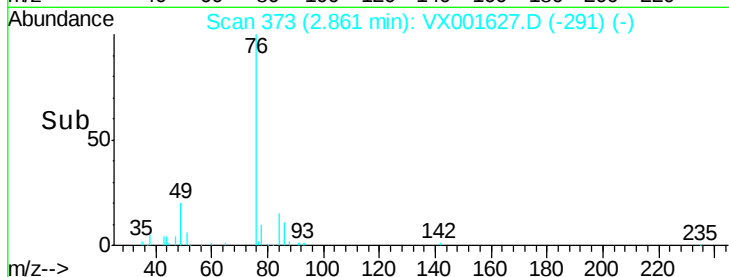
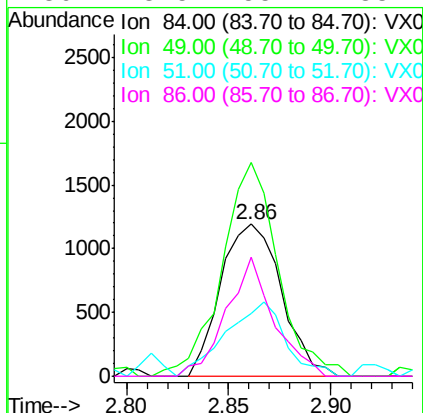
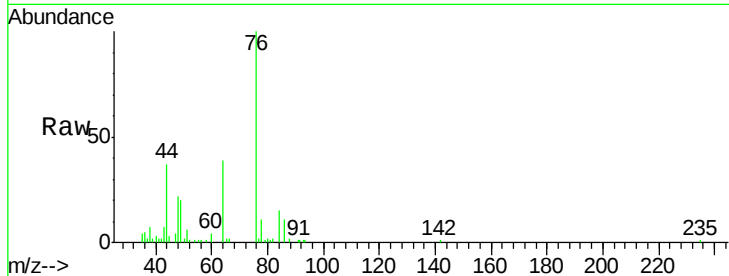




#18
Methylene Chloride
Concen: 0.81 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001627.D
Acq: 11 May 2018 03:29

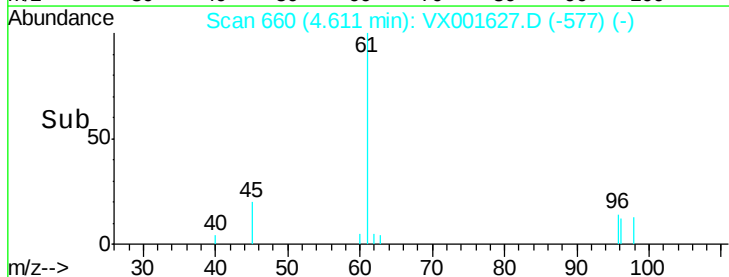
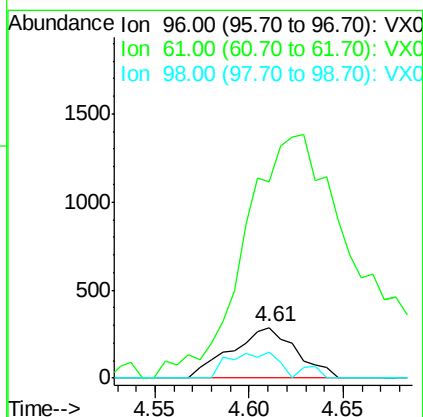
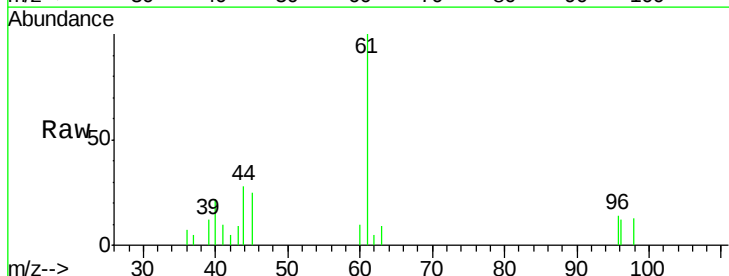
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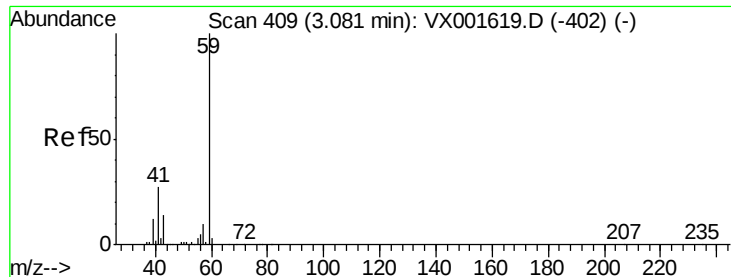
Tgt Ion: 84 Resp: 2472
Ion Ratio Lower Upper
84 100
49 132.9 99.5 149.3
51 41.5 30.1 45.1
86 78.5 55.4 83.2



#22
cis-1,2-Dichloroethene
Concen: 0.22 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX001627.D
Acq: 11 May 2018 03:29

Tgt Ion: 96 Resp: 682
Ion Ratio Lower Upper
96 100
61 8.4 117.3 175.9#
98 39.0 51.2 76.8#

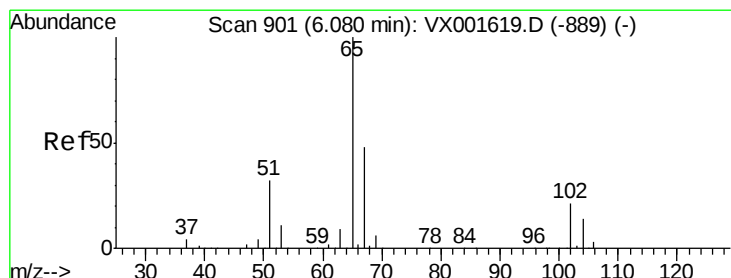
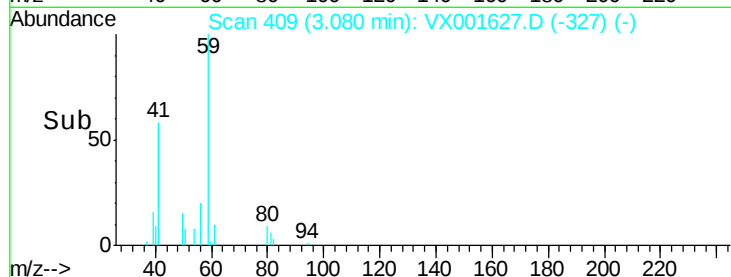
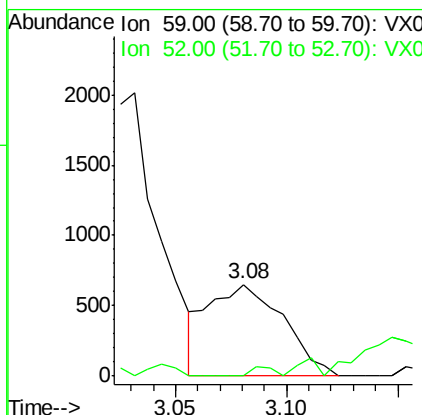
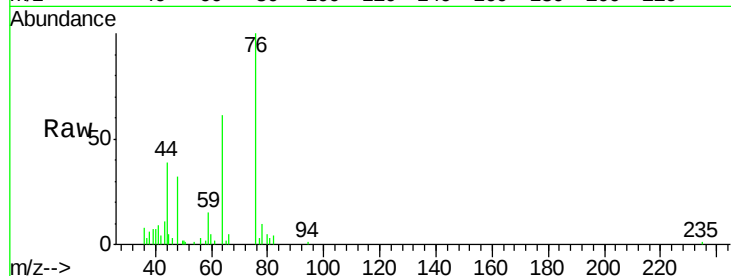




#23
 tert-Butyl Alcohol
 Concen: 1.97 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: VX001627.D
 Acq: 11 May 2018 03:29

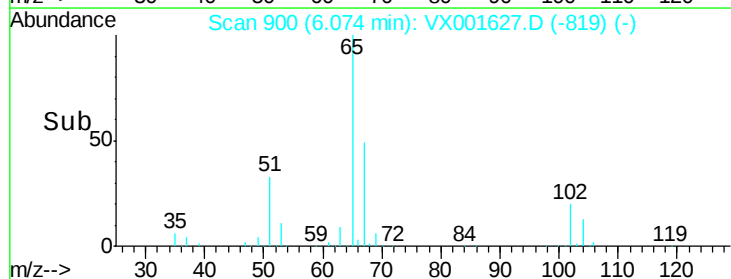
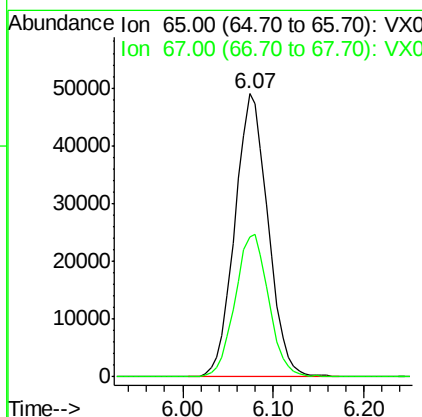
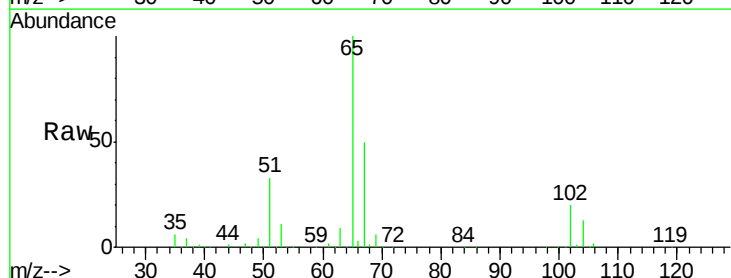
Instrument :
 MSVOA_X
 ClientSampleId :
 001M-WILLETS-PT-BLVD(MAY)

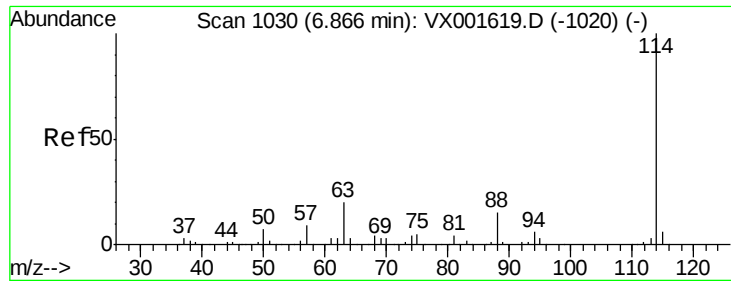
Tgt Ion: 59 Resp: 1535
 Ion Ratio Lower Upper
 59 100
 52 2.9 0.2 0.2#



#27
 1,2-Dichloroethane-d4
 Concen: 30.62 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX001627.D
 Acq: 11 May 2018 03:29

Tgt Ion: 65 Resp: 124249
 Ion Ratio Lower Upper
 65 100
 67 50.9 40.2 60.2

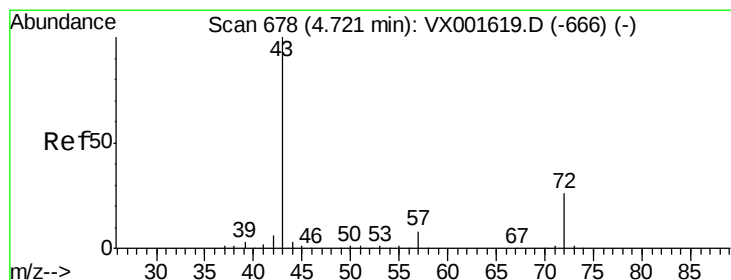
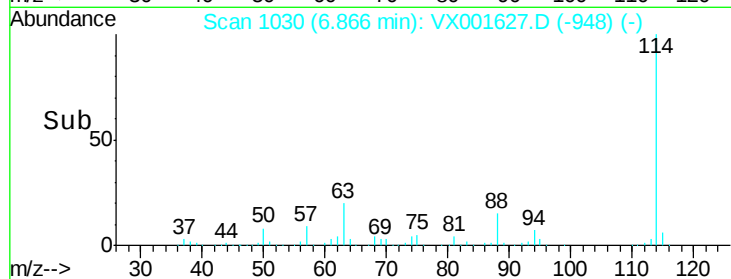
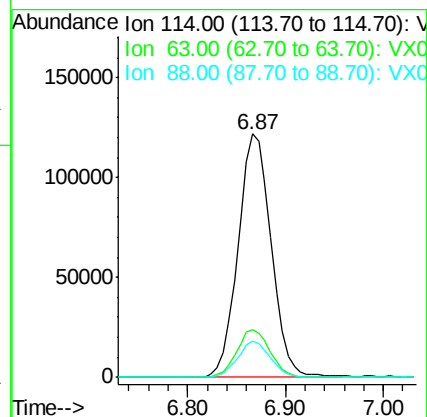
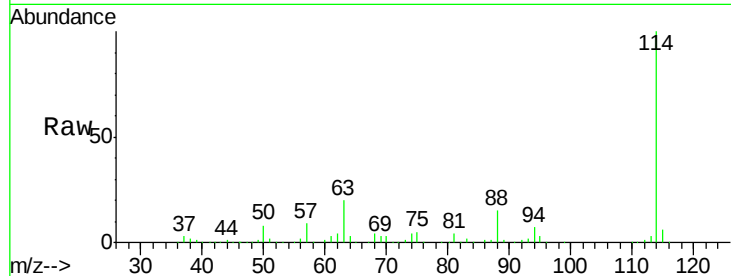




#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001627.D
 Acq: 11 May 2018 03:29

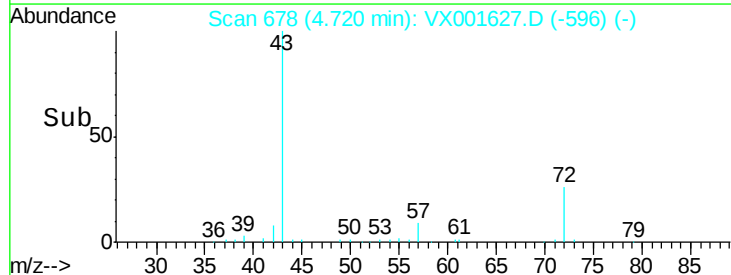
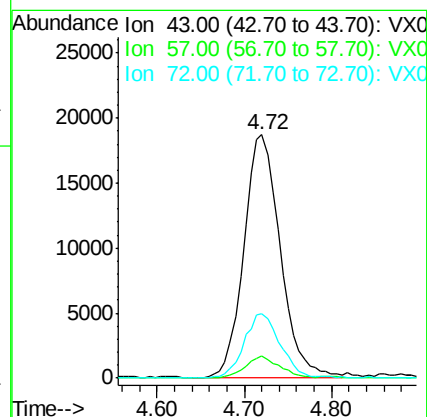
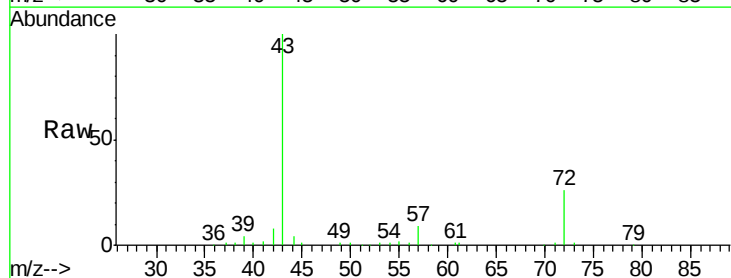
Instrument :
 MSVOA_X
 ClientSampleId :
 001M-WILLETS-PT-BLVD(MAY)

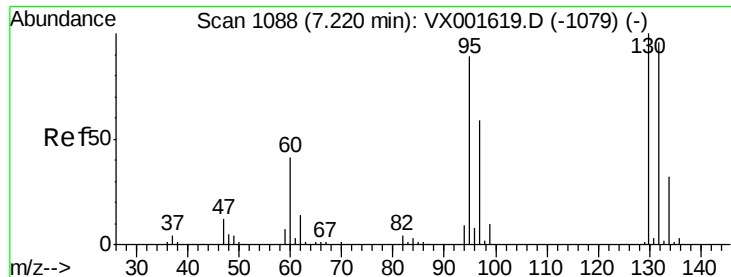
Tgt Ion: 114 Resp: 286814
 Ion Ratio Lower Upper
 114 100
 63 19.6 15.5 23.3
 88 14.7 12.2 18.4



#30
 2-Butanone
 Concen: 22.91 ug/l
 RT: 4.72 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: VX001627.D
 Acq: 11 May 2018 03:29

Tgt Ion: 43 Resp: 54475
 Ion Ratio Lower Upper
 43 100
 57 8.5 6.3 9.5
 72 25.9 20.2 30.4

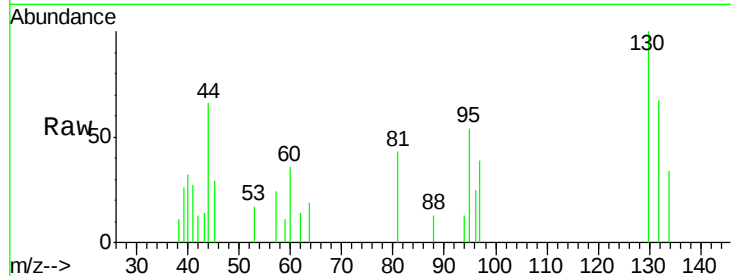




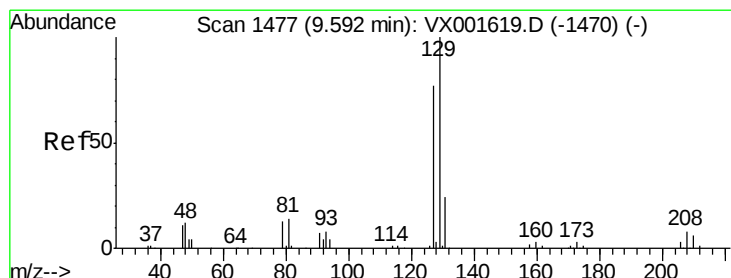
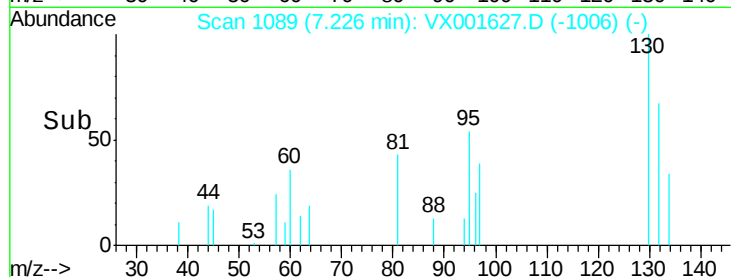
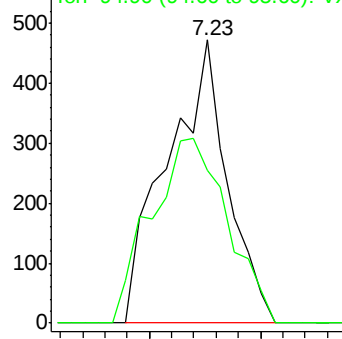
#37
 Trichloroethene
 Concen: 0.26 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: VX001627.D
 Acq: 11 May 2018 03:29

Instrument :
 MSVOA_X
 ClientSampleId :
 001M-WILLETS-PT-BLVD(MAY)

Tgt Ion:130 Resp: 891
 Ion Ratio Lower Upper
 130 100
 95 54.0 71.4 107.2#

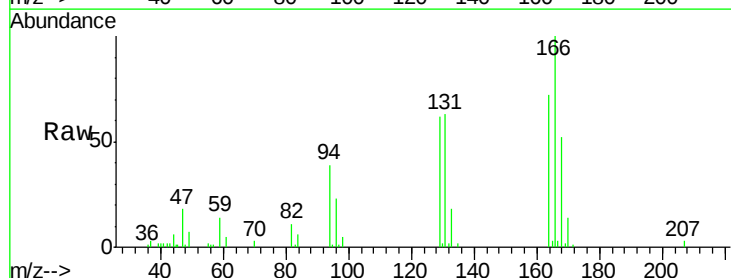


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

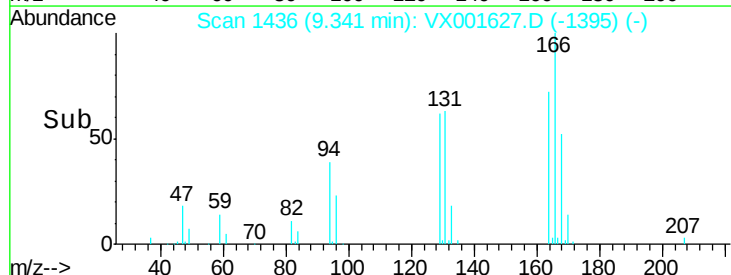
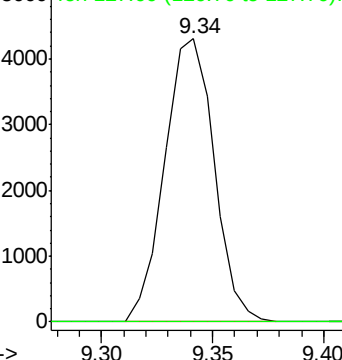


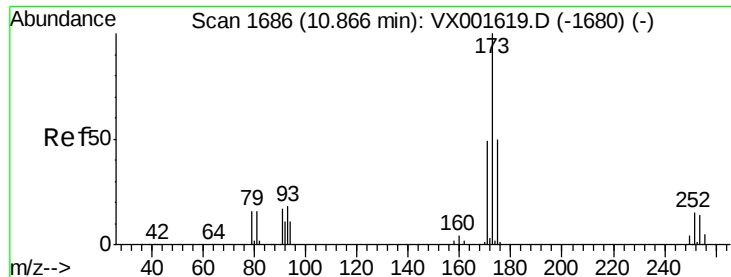
#53
 Dibromochloromethane
 Concen: 2.10 ug/l
 RT: 9.34 min Scan# 1436
 Delta R.T. -0.25 min
 Lab File: VX001627.D
 Acq: 11 May 2018 03:29

Tgt Ion:129 Resp: 6672
 Ion Ratio Lower Upper
 129 100
 127 0.0 37.9 113.7#



Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V





#56

Bromoform

Concen: 0.56 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.28 min

Lab File: VX001627.D

Acq: 11 May 2018 03:29

Instrument :

MSVOA_X

ClientSampleId :

001M-WILLETS-PT-BLVD(MAY)

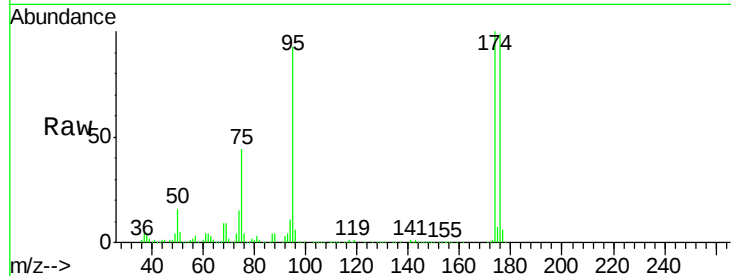
Tgt Ion:173 Resp: 1463

Ion Ratio Lower Upper

173 100

175 622.1 39.8 59.8#

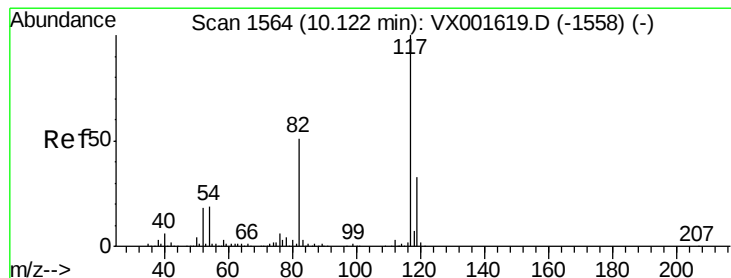
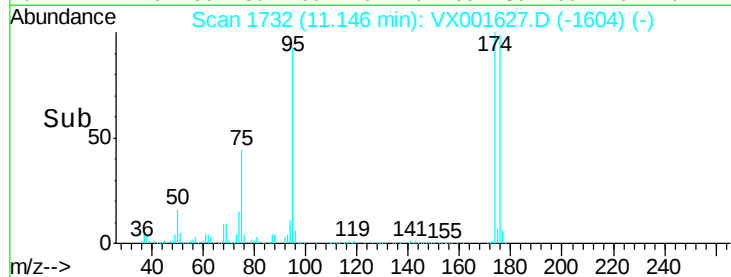
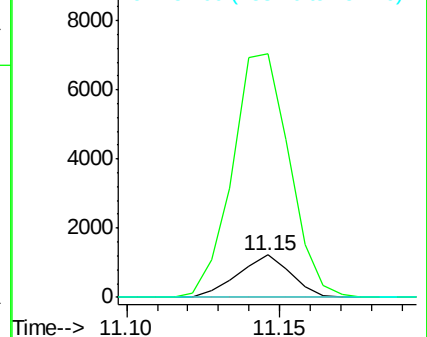
254 0.0 10.7 16.1#



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#57

Chlorobenzene-d5

Concen: 30.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VX001627.D

Acq: 11 May 2018 03:29

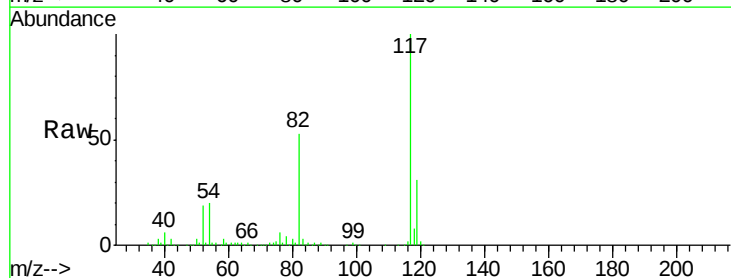
Tgt Ion:117 Resp: 258882

Ion Ratio Lower Upper

117 100

82 52.0 42.2 63.2

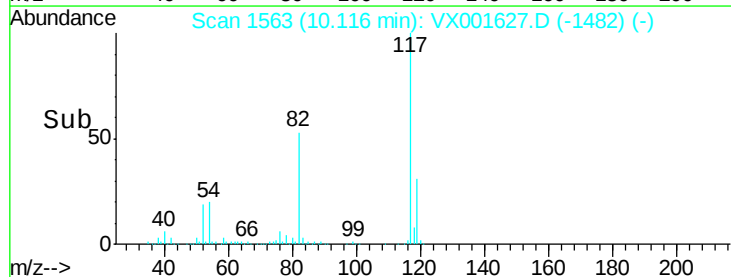
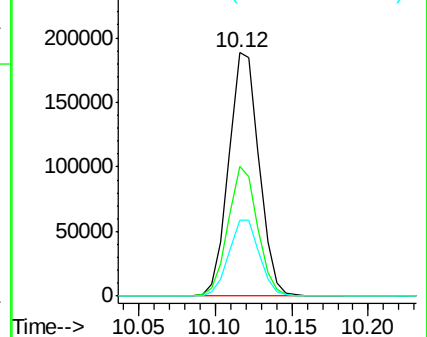
119 31.7 26.3 39.5

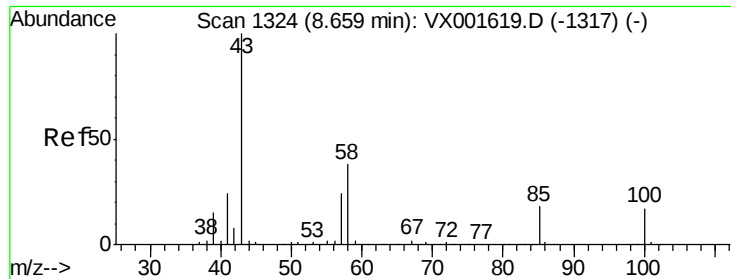


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): V

Ion 119.00 (118.70 to 119.70): V

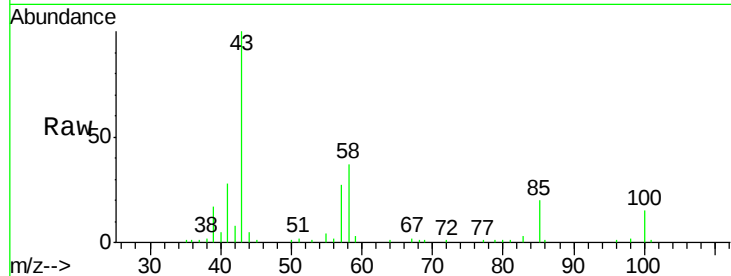




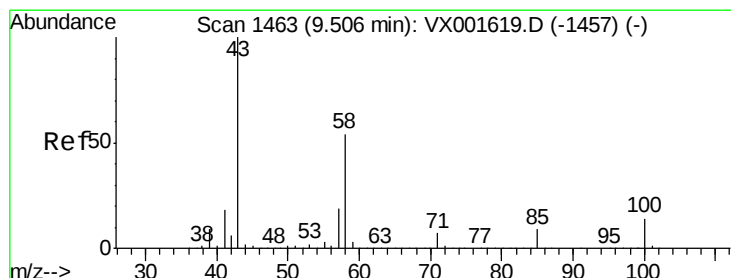
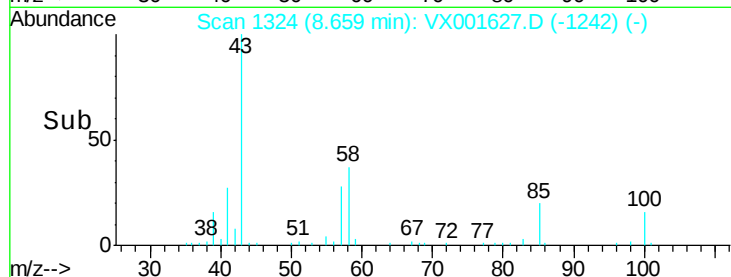
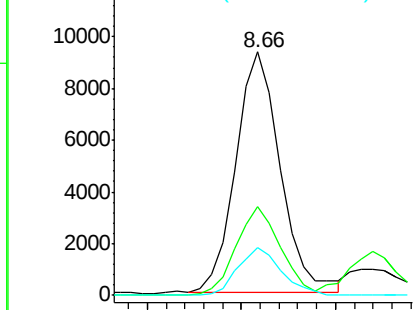
#58
4-Methyl-2-Pentanone
Concen: 3.28 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX001627.D
Acq: 11 May 2018 03:29

Instrument :
MSVOA_X
ClientSampleId :
001M-WILLETS-PT-BLVD(MAY)

Tgt Ion: 43 Resp: 15265
Ion Ratio Lower Upper
43 100
58 36.6 30.4 45.6
85 19.2 14.3 21.5

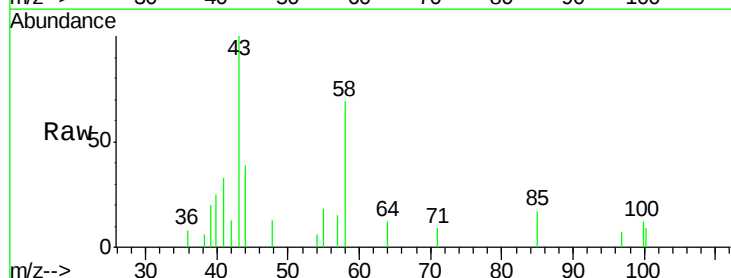


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

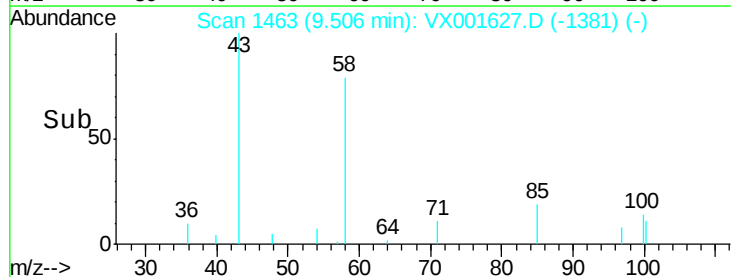
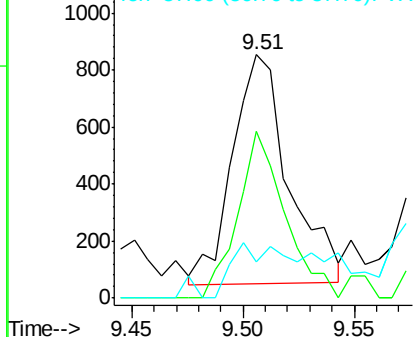


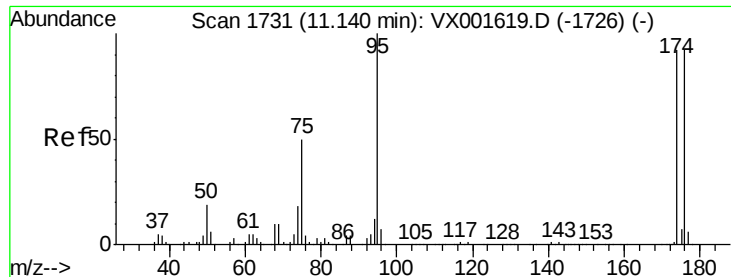
#59
2-Hexanone
Concen: 0.41 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001627.D
Acq: 11 May 2018 03:29

Tgt Ion: 43 Resp: 1420
Ion Ratio Lower Upper
43 100
58 60.7 43.0 64.4
57 11.4 15.4 23.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

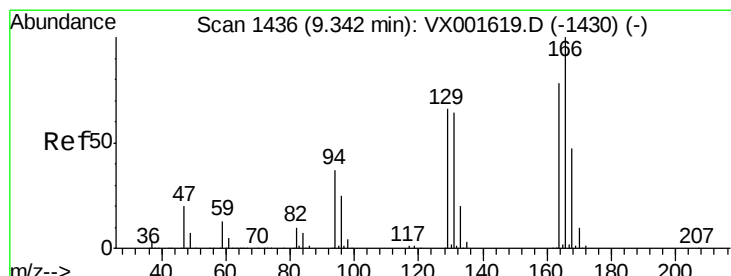
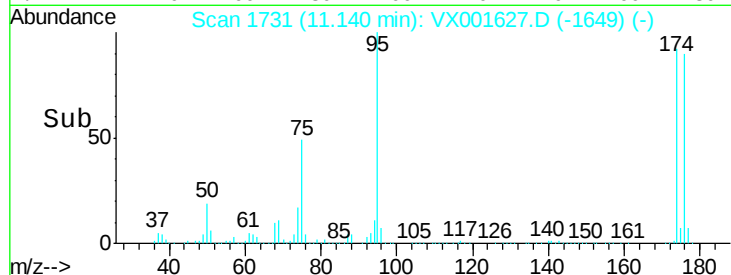
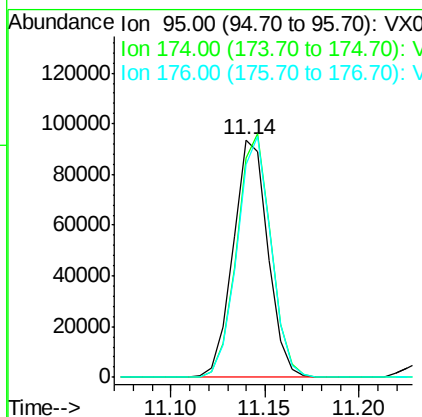
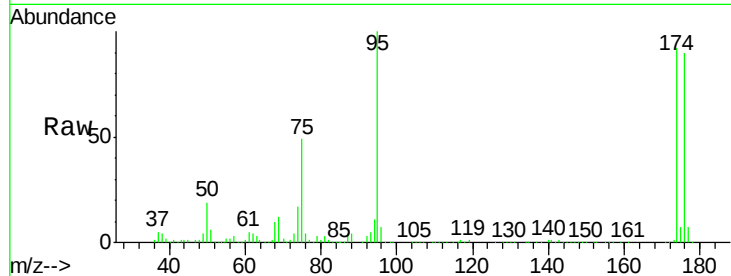




#60
4-Bromofluorobenzene
Concen: 29.25 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001627.D
Acq: 11 May 2018 03:29

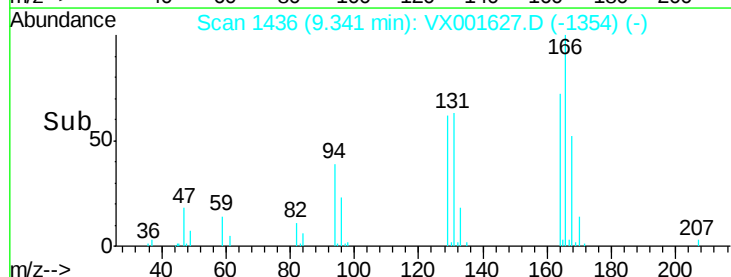
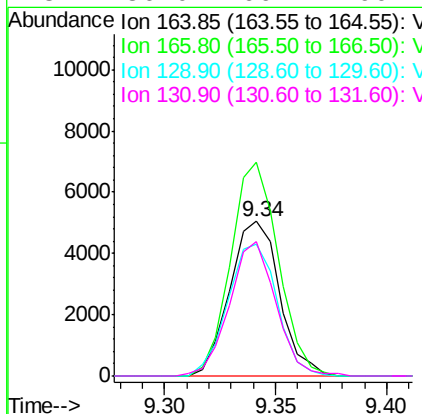
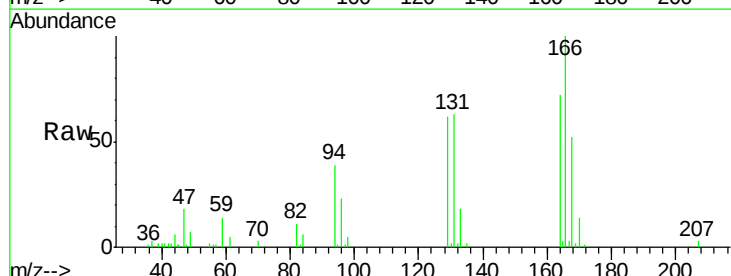
Instrument :
MSVOA_X
ClientSampleId :
001M-WILLETS-PT-BLVD(MAY)

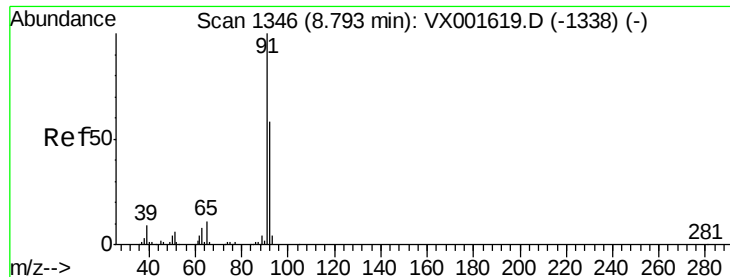
Tgt Ion: 95 Resp: 119849
Ion Ratio Lower Upper
95 100
174 100.5 80.2 120.2
176 98.5 79.2 118.8



#61
Tetrachloroethene
Concen: 2.09 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001627.D
Acq: 11 May 2018 03:29

Tgt Ion: 164 Resp: 7862
Ion Ratio Lower Upper
164 100
166 138.3 102.8 154.2
129 85.4 67.8 101.8
131 86.0 66.2 99.2





#62

Toluene

Concen: 3.29 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001627.D

Acq: 11 May 2018 03:29

Instrument :

MSVOA_X

ClientSampleId :

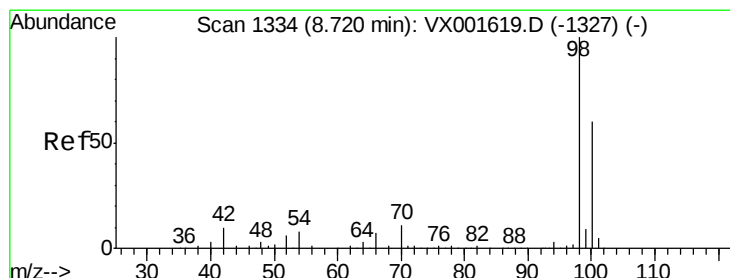
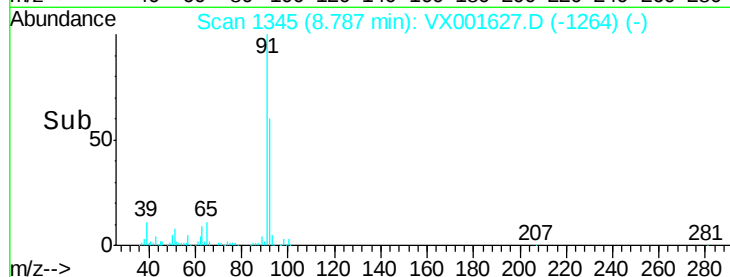
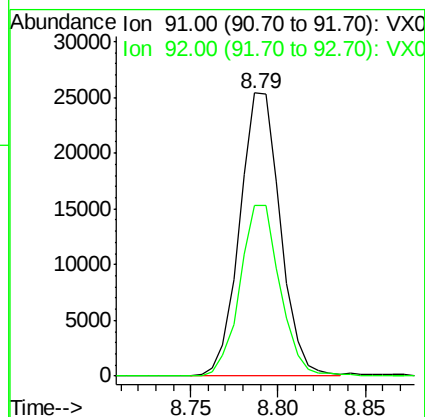
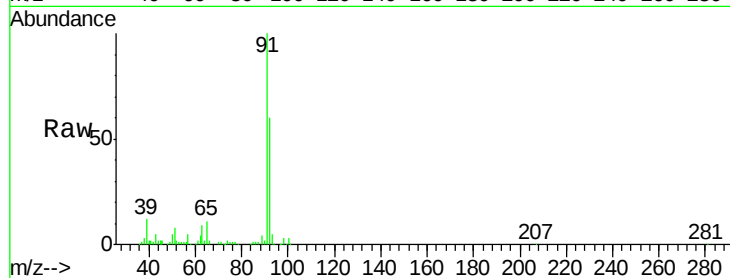
001M-WILLETS-PT-BLVD(MAY)

Tgt Ion: 91 Resp: 40963

Ion Ratio Lower Upper

91 100

92 59.7 47.4 71.0



#63

Toluene-d8

Concen: 29.23 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001627.D

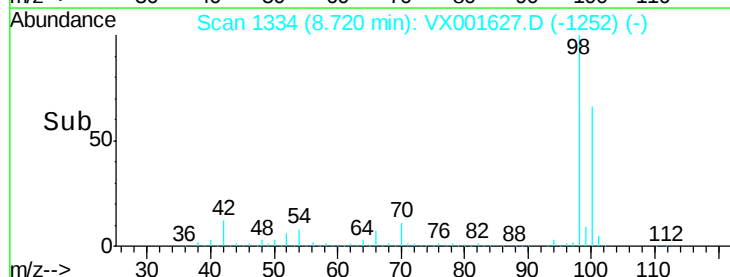
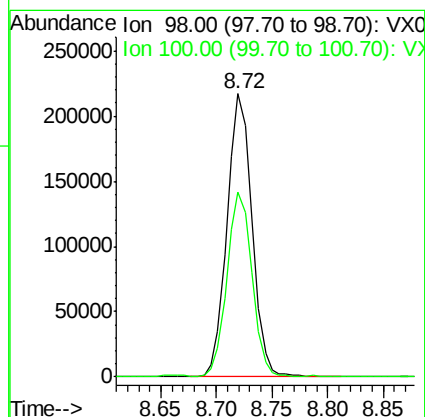
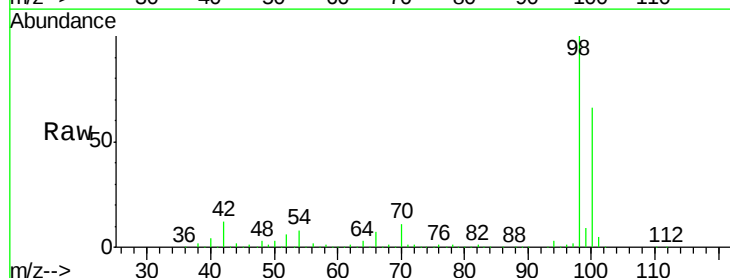
Acq: 11 May 2018 03:29

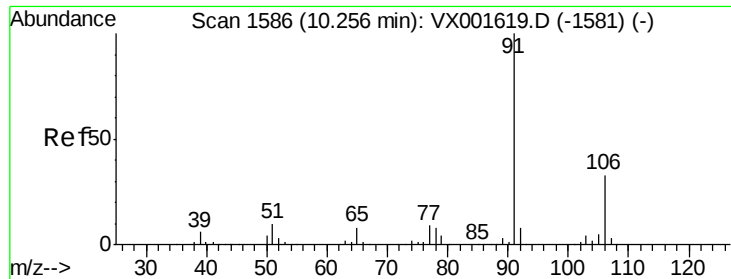
Tgt Ion: 98 Resp: 337520

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.2

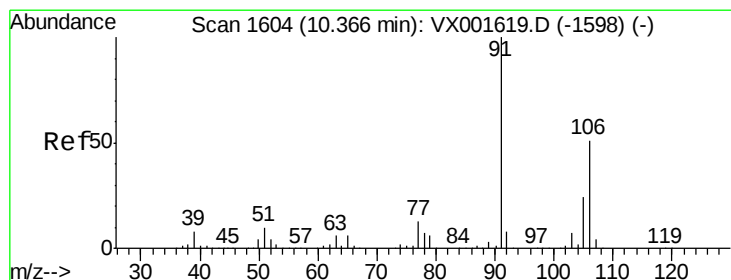
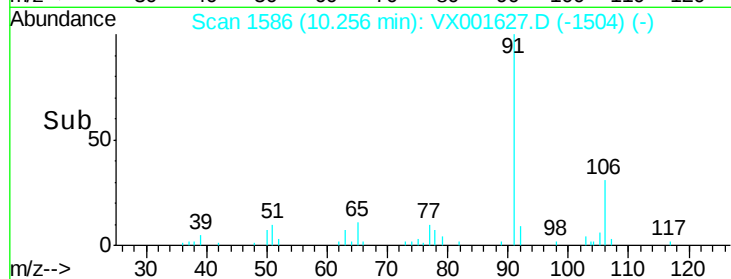
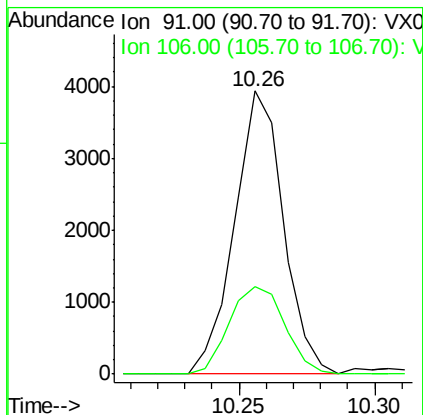
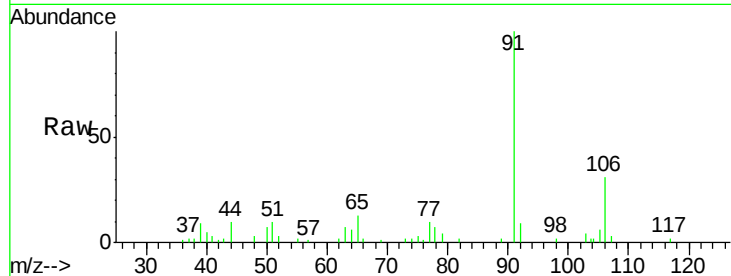




#66
Ethyl Benzene
Concen: 0.38 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001627.D
Acq: 11 May 2018 03:29

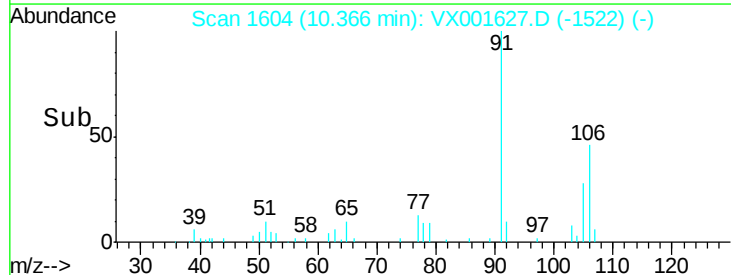
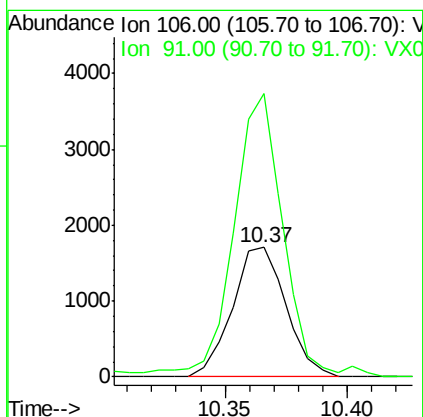
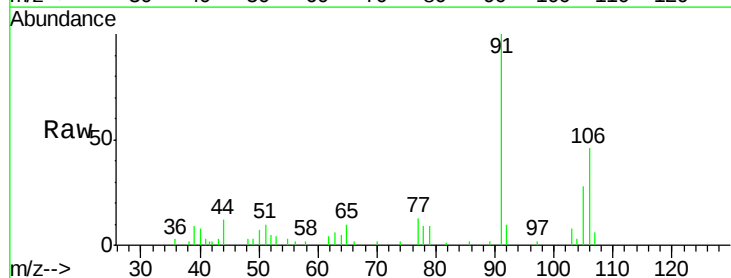
Instrument :
MSVOA_X
ClientSampleId :
001M-WILLETS-PT-BLVD(MAY)

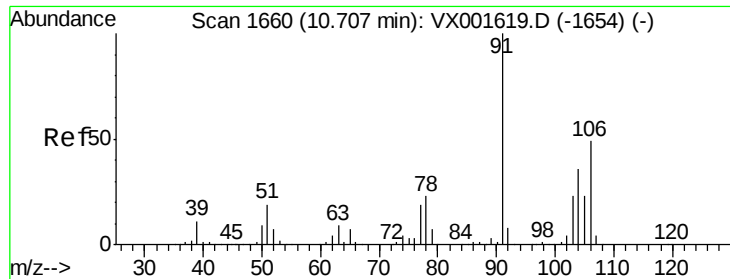
Tgt Ion: 91 Resp: 4902
Ion Ratio Lower Upper
91 100
106 31.0 26.2 39.4



#67
m/p-Xylenes
Concen: 0.51 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001627.D
Acq: 11 May 2018 03:29

Tgt Ion: 106 Resp: 2613
Ion Ratio Lower Upper
106 100
91 196.2 157.8 236.8

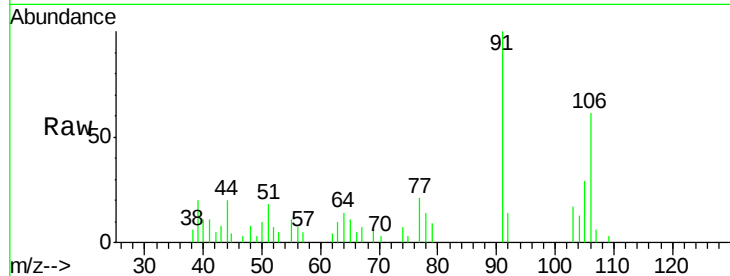




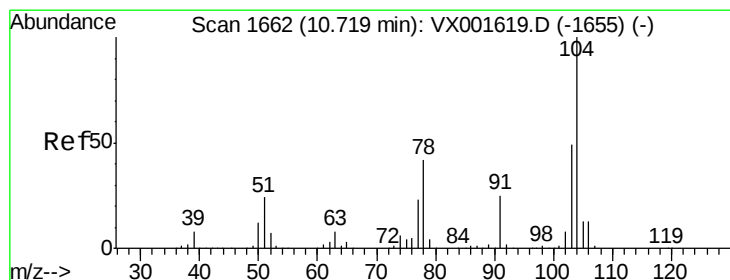
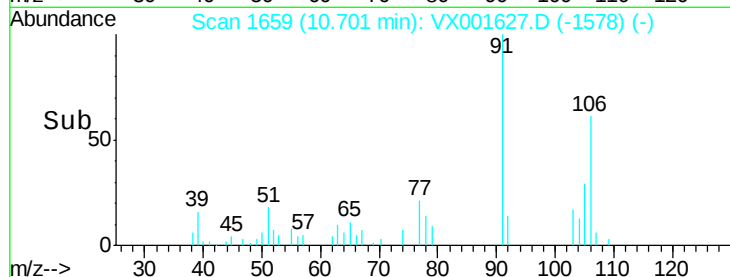
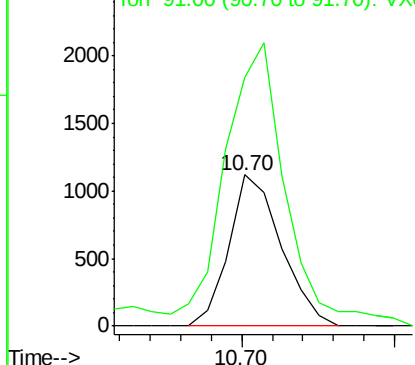
#68
o-Xylene
Concen: 0.26 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001627.D
Acq: 11 May 2018 03:29

Instrument :
MSVOA_X
ClientSampleId :
001M-WILLETS-PT-BLVD(MAY)

Tgt Ion:106 Resp: 1324
Ion Ratio Lower Upper
106 100
91 219.1 104.3 312.8

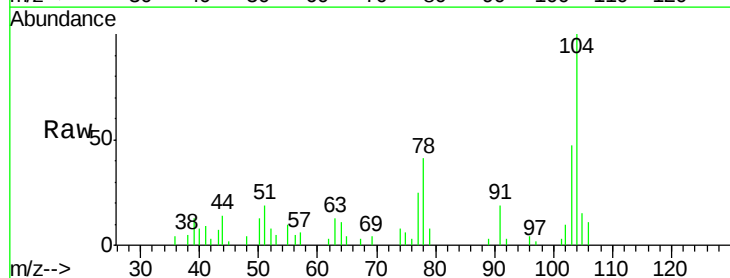


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

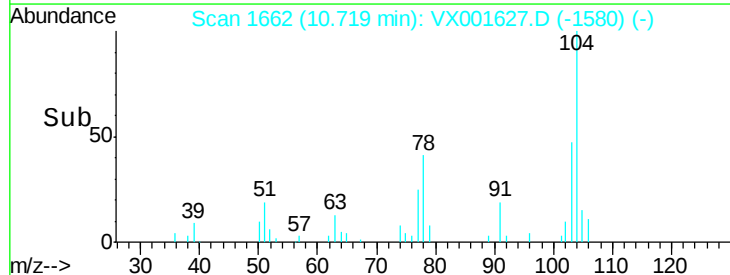
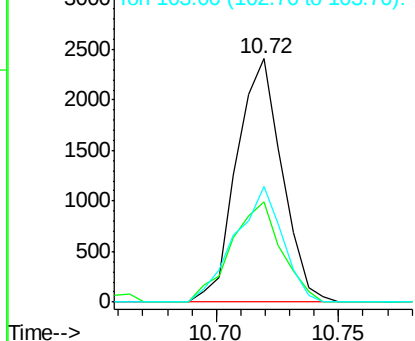


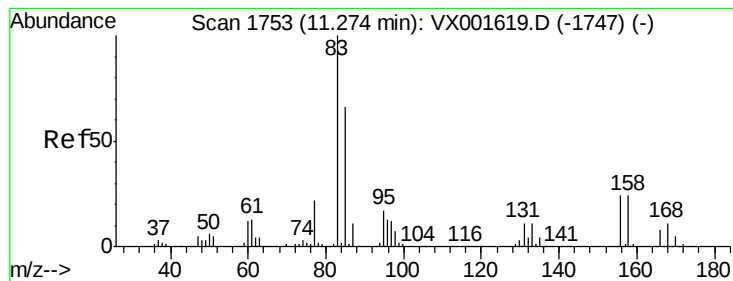
#69
Styrene
Concen: 0.37 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001627.D
Acq: 11 May 2018 03:29

Tgt Ion:104 Resp: 3103
Ion Ratio Lower Upper
104 100
78 45.8 39.3 58.9
103 49.8 43.7 65.5



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





#71

1,1,2,2-Tetrachloroethane

Concen: 0.22 ug/l

RT: 11.25 min Scan# 1749

Delta R.T. -0.02 min

Lab File: VX001627.D

Acq: 11 May 2018 03:29

Instrument :

MSVOA_X

ClientSampleId :

001M-WILLETS-PT-BLVD(MAY)

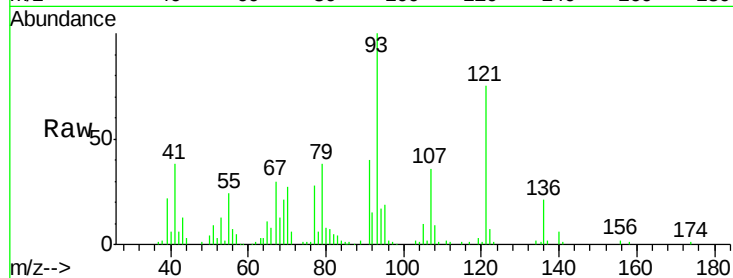
Tgt Ion: 83 Resp: 970

Ion Ratio Lower Upper

83 100

131 0.0 5.8 17.4#

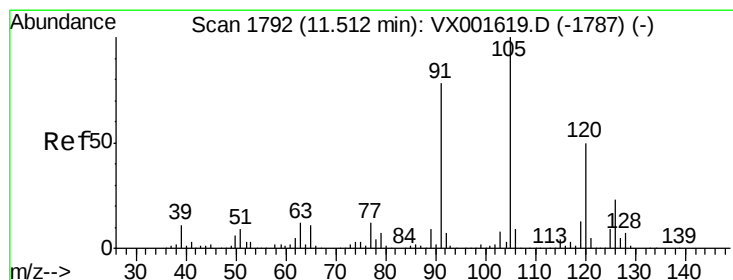
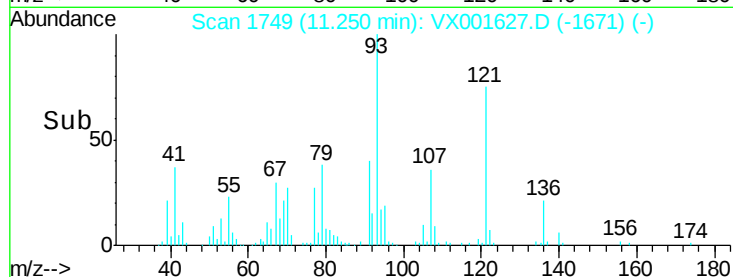
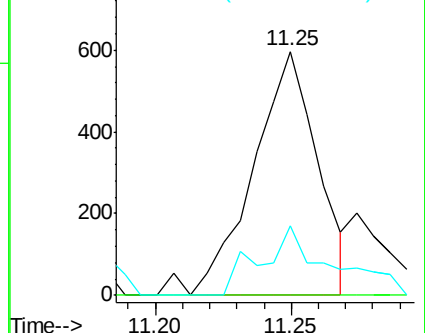
85 24.3 32.4 97.2#



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#76

1,3,5-Trimethylbenzene

Concen: 0.22 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001627.D

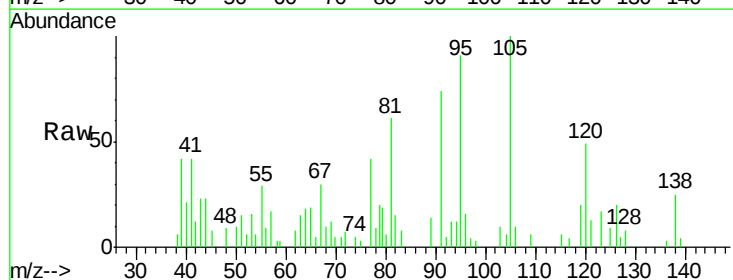
Acq: 11 May 2018 03:29

Tgt Ion: 105 Resp: 2411

Ion Ratio Lower Upper

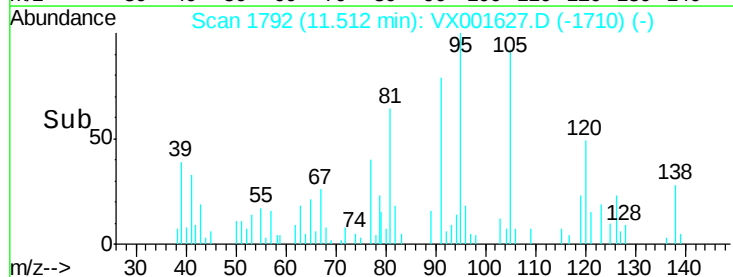
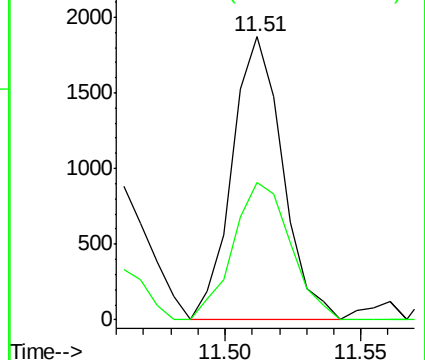
105 100

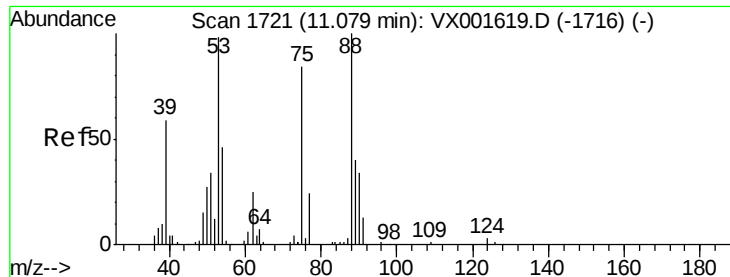
120 55.3 0.0 101.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 53.46 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001627.D

Acq: 11 May 2018 03:29

Instrument :

MSVOA_X

ClientSampleId :

001M-WILLETS-PT-BLVD(MAY)

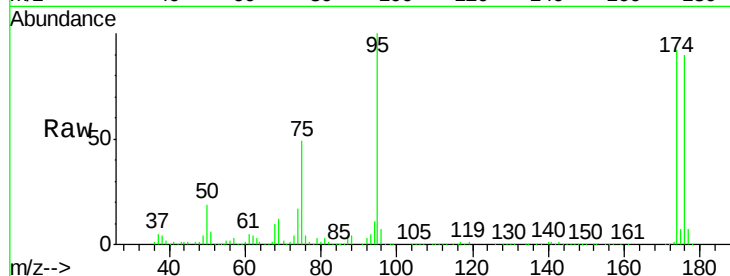
Tgt Ion: 75 Resp: 58766

Ion Ratio Lower Upper

75 100

53 0.5 58.3 174.8#

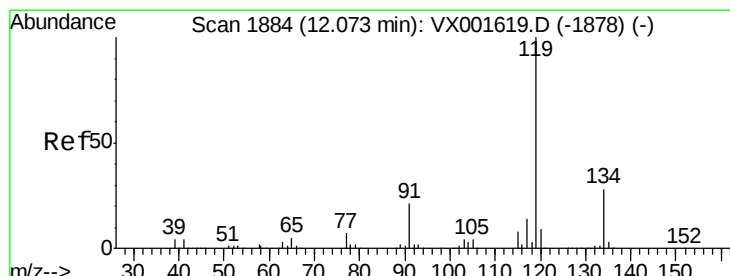
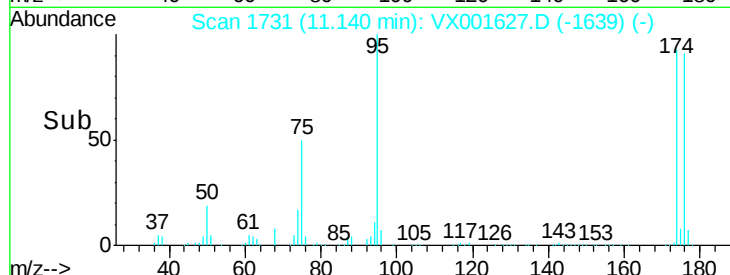
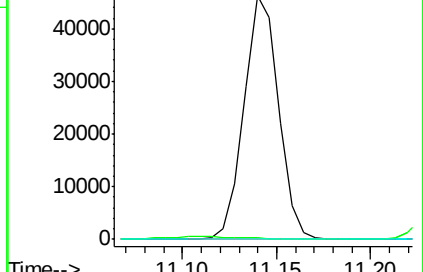
89 0.0 23.9 71.8#



Abundance Ion 75.00 (74.70 to 75.70): VX001619.D (-1716) (-)

Ion 53.00 (52.70 to 53.70): VX001619.D (-1716) (-)

Ion 89.00 (88.70 to 89.70): VX001619.D (-1716) (-)



#79

tert-butylbenzene

Concen: 20.93 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX001627.D

Acq: 11 May 2018 03:29

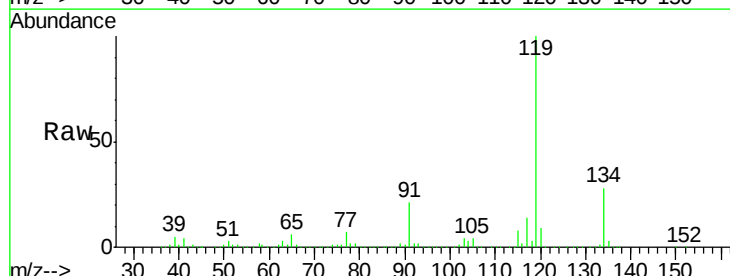
Tgt Ion: 119 Resp: 245162

Ion Ratio Lower Upper

119 100

91 22.3 0.0 44.0

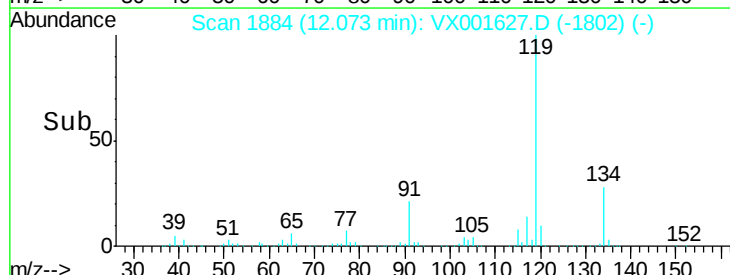
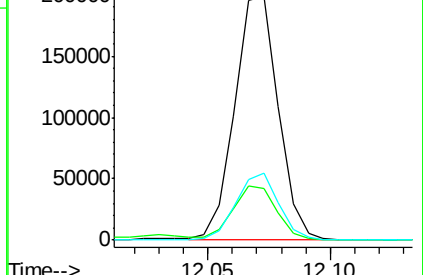
134 27.1 0.0 53.8

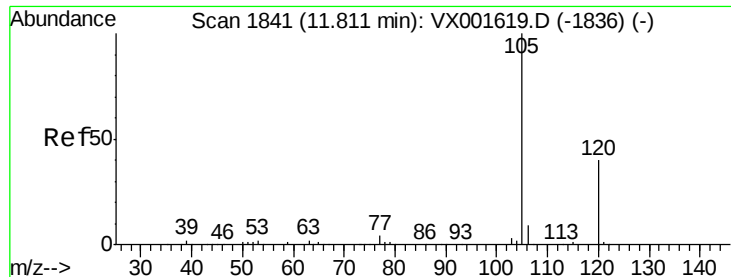


Abundance Ion 119.00 (118.70 to 119.70): VX001619.D (-1878) (-)

Ion 91.00 (90.70 to 91.70): VX001619.D (-1878) (-)

Ion 134.00 (133.70 to 134.70): VX001619.D (-1878) (-)

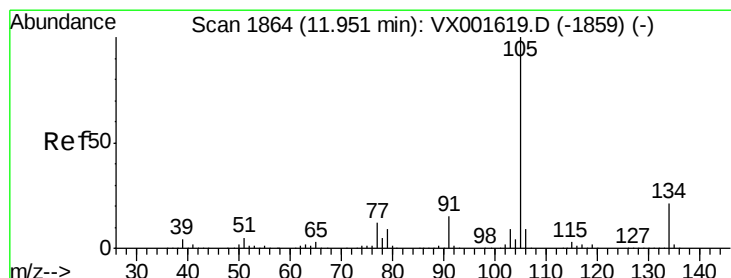
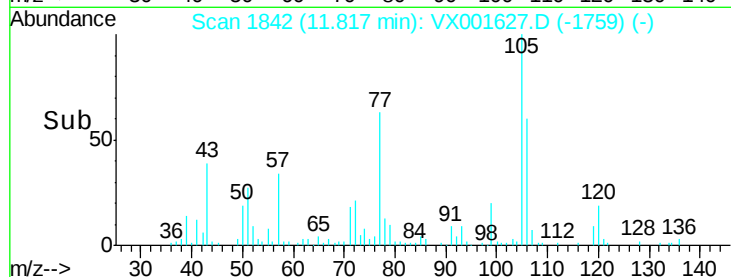
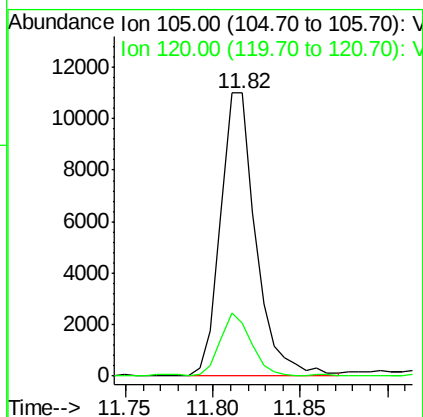
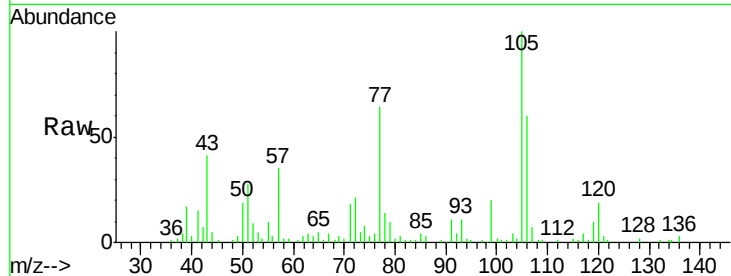




#80
 1,2,4-Trimethylbenzene
 Concen: 1.38 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: VX001627.D
 Acq: 11 May 2018 03:29

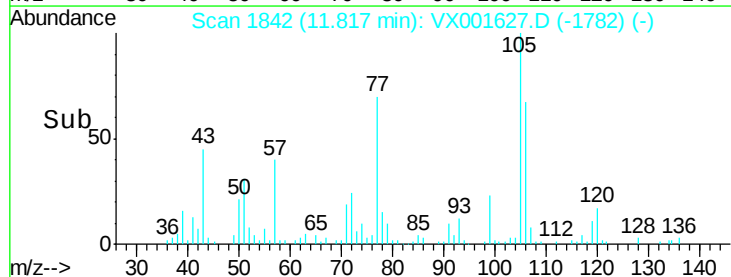
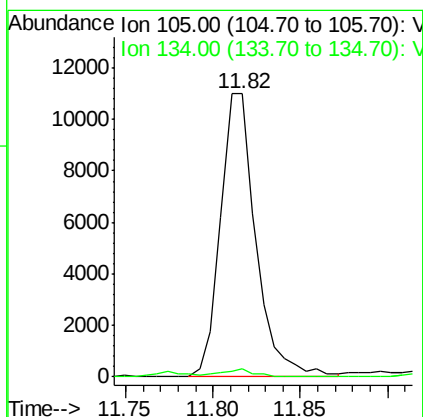
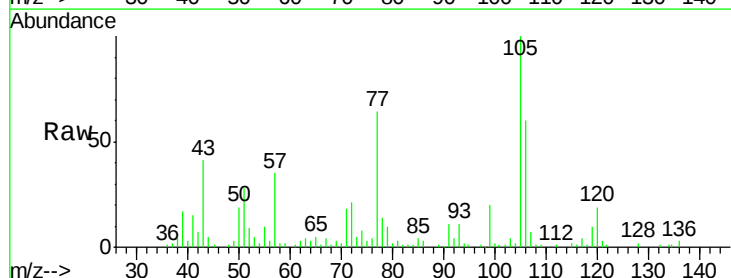
Instrument :
 MSVOA_X
 ClientSampleId :
 001M-WILLETS-PT-BLVD(MAY)

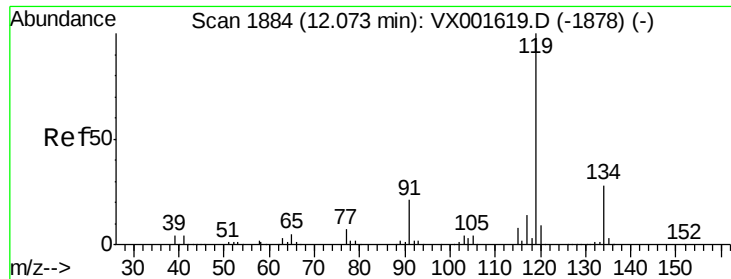
Tgt Ion:105 Resp: 15570
 Ion Ratio Lower Upper
 105 100
 120 19.5 0.0 94.0



#81
 sec-Butylbenzene
 Concen: 1.21 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.13 min
 Lab File: VX001627.D
 Acq: 11 May 2018 03:29

Tgt Ion:105 Resp: 15570
 Ion Ratio Lower Upper
 105 100
 134 2.5 0.0 43.4

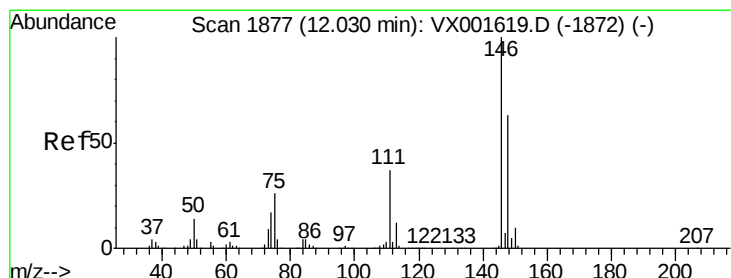
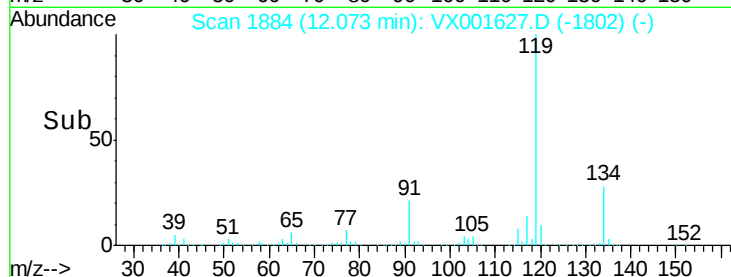
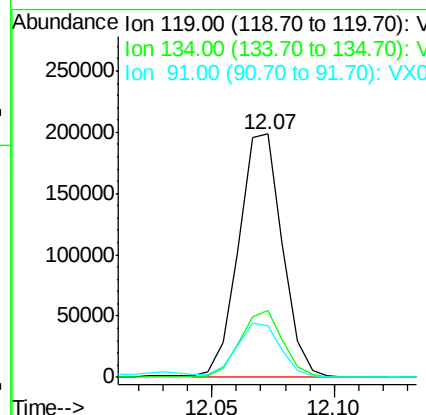
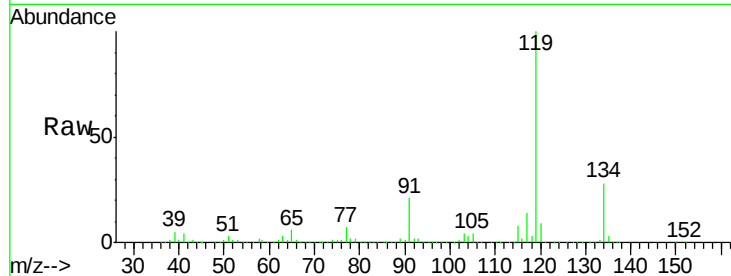




#82
p-Isopropyltoluene
Concen: 20.93 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX001627.D
Acq: 11 May 2018 03:29

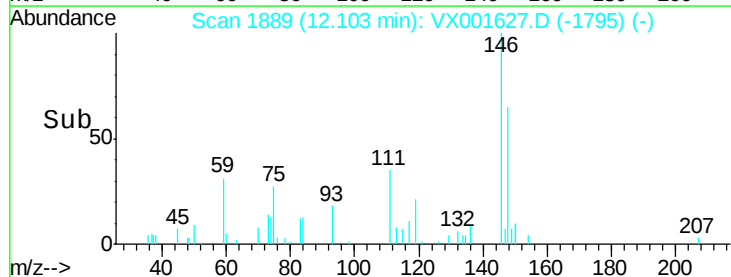
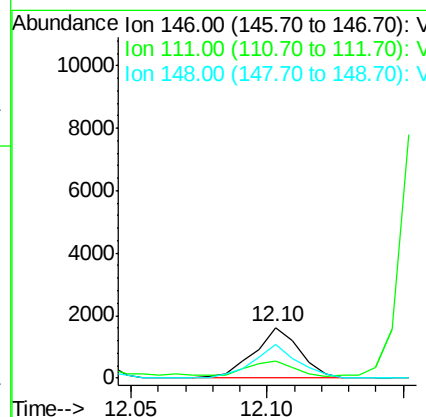
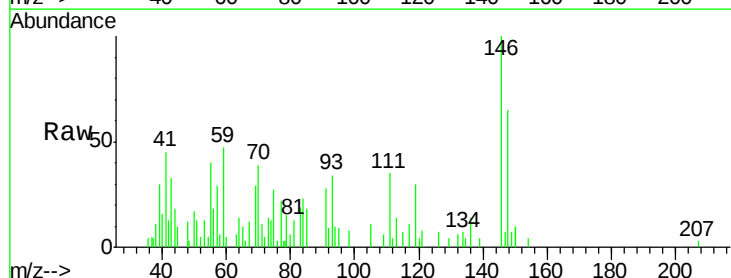
Instrument :
MSVOA_X
ClientSampleId :
001M-WILLETS-PT-BLVD(MAY)

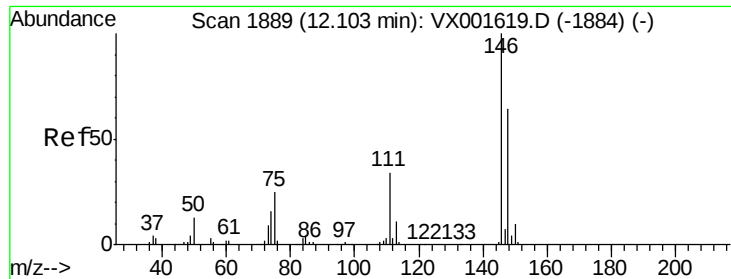
Tgt Ion:119 Resp: 245162
Ion Ratio Lower Upper
119 100
134 27.1 0.0 53.8
91 22.3 0.0 44.0



#83
1,3-Dichlorobenzene
Concen: 0.27 ug/l
RT: 12.10 min Scan# 1889
Delta R.T. 0.07 min
Lab File: VX001627.D
Acq: 11 May 2018 03:29

Tgt Ion:146 Resp: 1890
Ion Ratio Lower Upper
146 100
111 36.2 18.1 54.1
148 62.1 32.2 96.6

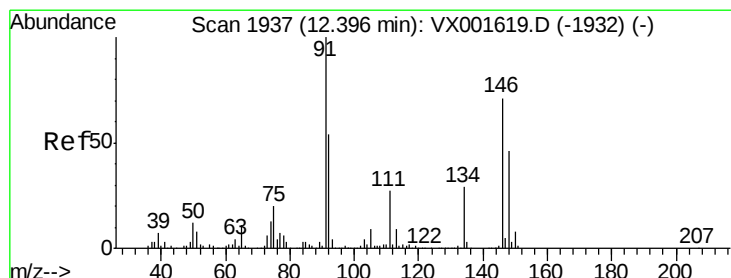
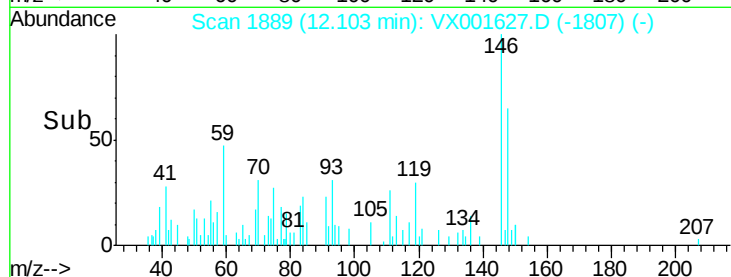
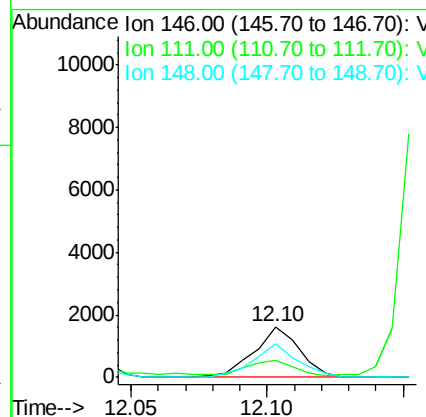
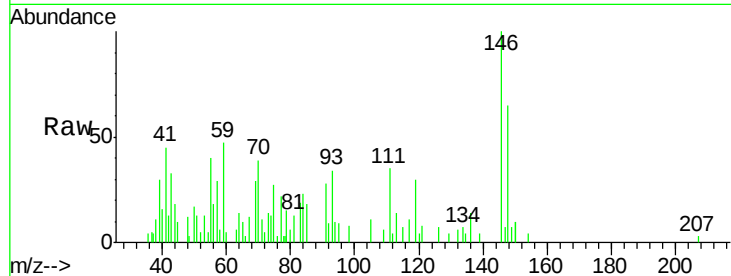




#84
 1,4-Dichlorobenzene
 Concen: 0.27 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001627.D
 Acq: 11 May 2018 03:29

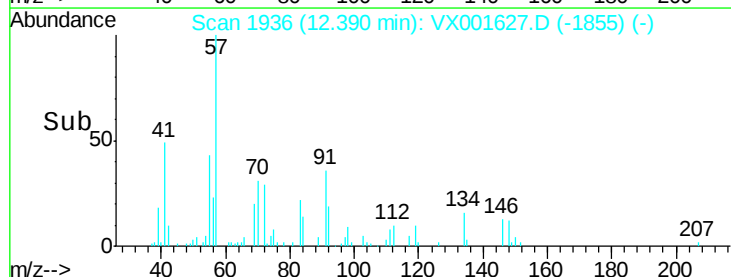
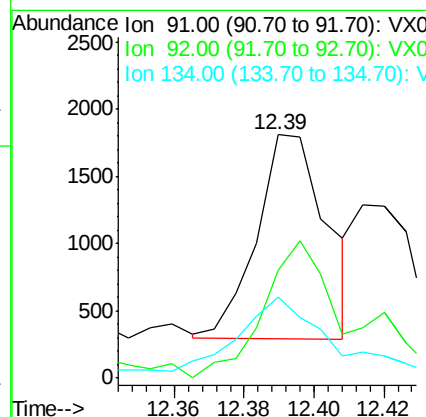
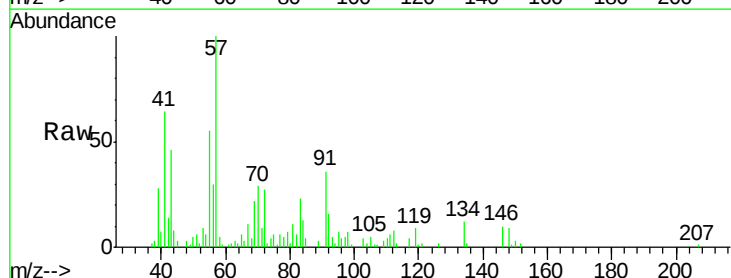
Instrument :
 MSVOA_X
 ClientSampleId :
 001M-WILLETS-PT-BLVD(MAY)

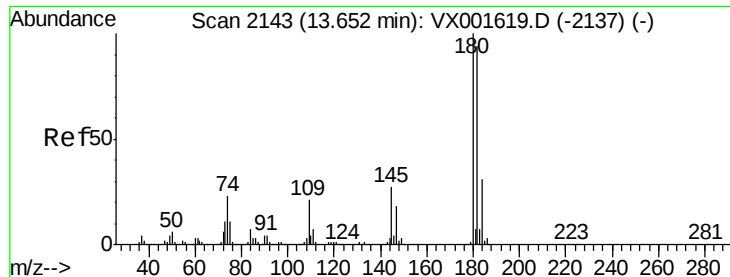
Tgt Ion: 146 Resp: 1890
 Ion Ratio Lower Upper
 146 100
 111 36.2 17.4 52.3
 148 62.1 32.5 97.4



#85
 n-Butylbenzene
 Concen: 0.23 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VX001627.D
 Acq: 11 May 2018 03:29

Tgt Ion: 91 Resp: 2099
 Ion Ratio Lower Upper
 91 100
 92 61.8 0.0 107.8
 134 44.8 0.0 56.8

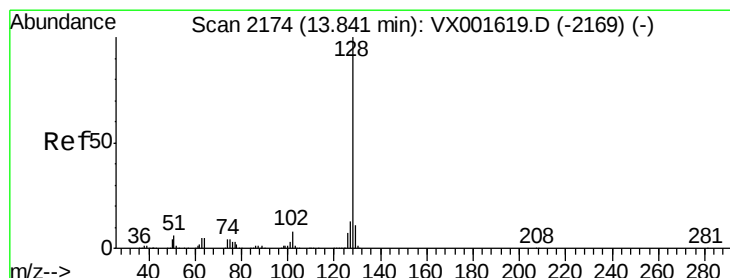
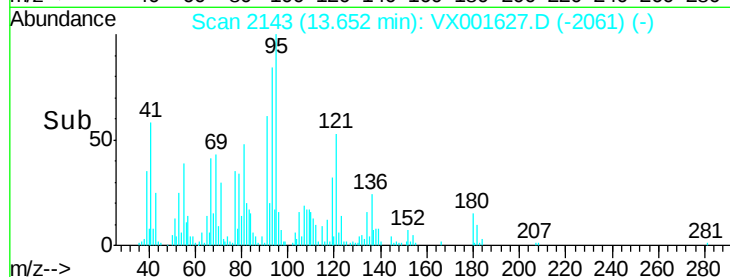
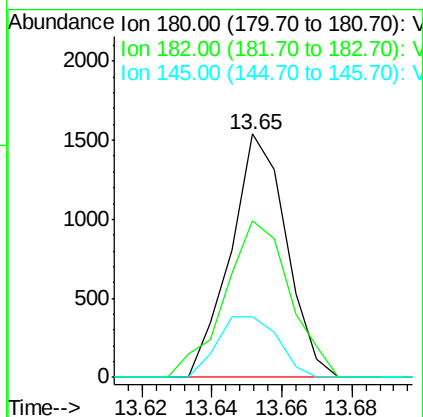
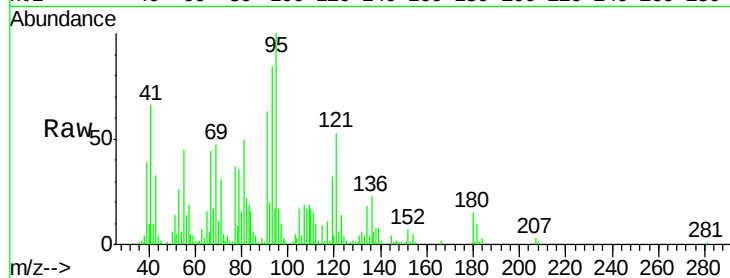




#89
 1,2,4-Trichlorobenzene
 Concen: 0.33 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001627.D
 Acq: 11 May 2018 03:29

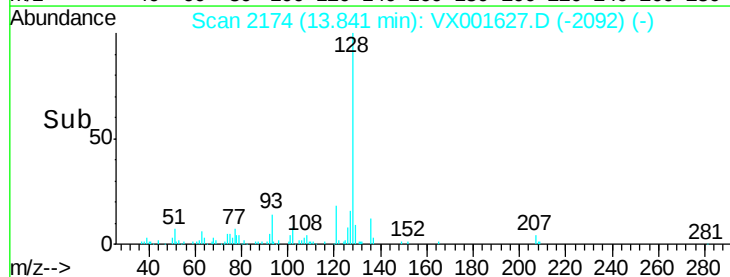
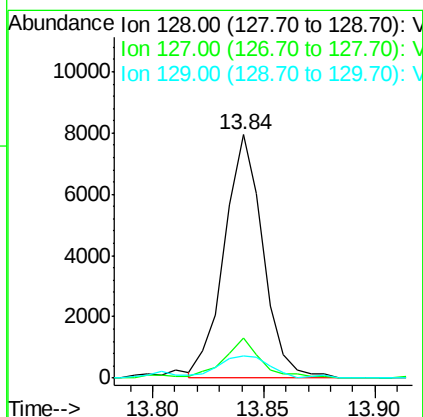
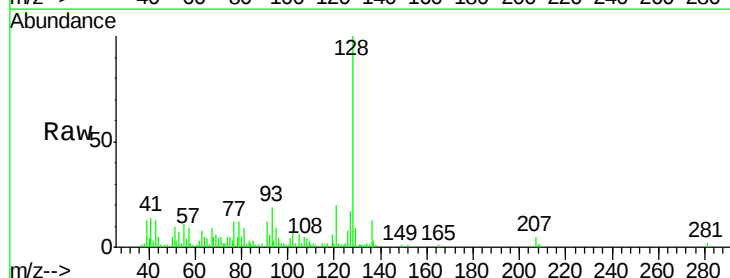
Instrument :
 MSVOA_X
 ClientSampleId :
 001M-WILLETS-PT-BLVD(MAY)

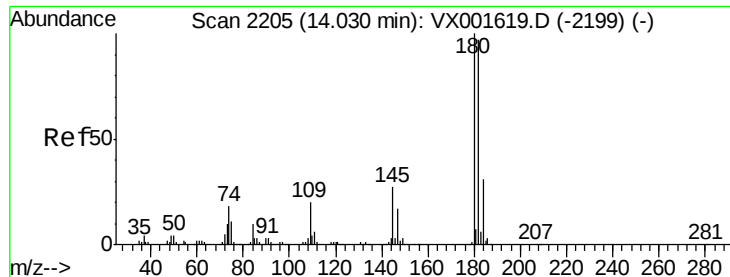
Tgt Ion:180 Resp: 1700
 Ion Ratio Lower Upper
 180 100
 182 75.5 76.6 115.0#
 145 27.4 21.5 32.3



#91
 Naphthalene
 Concen: 0.62 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: VX001627.D
 Acq: 11 May 2018 03:29

Tgt Ion:128 Resp: 9583
 Ion Ratio Lower Upper
 128 100
 127 16.1 10.3 15.5#
 129 12.1 8.8 13.2

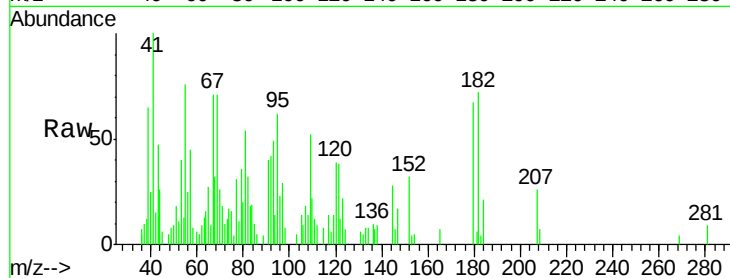




#92
 1,2,3-Trichlorobenzene
 Concen: 0.24 ug/l
 RT: 14.03 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: VX001627.D
 Acq: 11 May 2018 03:29

Instrument :
 MSVOA_X
 ClientSampleId :
 001M-WILLETS-PT-BLVD(MAY)

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.0	0.0	192.2
145	38.6	0.0	56.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

