

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042219\
 Data File : VX009096.D
 Acq On : 22 Apr 2019 14:49
 Operator : JC/SP
 Sample : K2516-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P041919

Quant Time: Apr 23 02:33:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	237744	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	382839	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	328387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	141149	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	156685	46.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.52%	
35) Dibromofluoromethane	5.50	113	116618	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
50) Toluene-d8	8.71	98	474922	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
62) 4-Bromofluorobenzene	11.13	95	162000	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	

Target Compounds

					Qvalue	
3) Chloromethane	1.33	50	785	0.234	ug/l	94
5) Bromomethane	1.64	94	450	4.051	ug/l #	22
10) Methyl Iodide	2.52	142	482	4.579	ug/l #	80
11) Tert butyl alcohol	3.03	59	2214	2.977	ug/l #	85
13) Acrolein	2.29	56	224	0.349	ug/l #	14
15) Acrylonitrile	3.15	53	493	0.261	ug/l #	66
16) Acetone	2.44	43	2713427	1561.697	ug/l	99
17) Carbon Disulfide	2.57	76	1434	1.439	ug/l #	75
18) Methyl Acetate	2.60	43	2786	0.642	ug/l #	55
20) Methylene Chloride	2.85	84	812	0.273	ug/l #	76
25) 2-Butanone	4.68	43	4784096	1722.599	ug/l	98
28) Bromochloromethane	5.07	49	220	Below Cal	#	21
29) Tetrahydrofuran	5.13	42	2111100	1135.691	ug/l	99
30) Chloroform	5.21	83	1941	0.400	ug/l	98
36) 1,1-Dichloropropene	5.66	75	18617	4.702	ug/l #	50
37) Ethyl Acetate	4.68	43	4785205	939.229	ug/l #	70
38) Carbon Tetrachloride	5.67	117	23043	6.865	ug/l #	18
41) Methacrylonitrile	5.13	41	1130299	386.550	ug/l #	47
51) 4-Methyl-2-Pentanone	8.64	43	6062	1.159	ug/l	89
52) Toluene	8.79	92	2039	0.291	ug/l	93
60) Dibromochloromethane	9.34	129	5710	2.147	ug/l #	10
64) Tetrachloroethene	9.34	164	5953	2.386	ug/l	97
67) Ethyl Benzene	10.26	91	3356	0.265	ug/l	100
68) m/p-Xylenes	10.36	106	4298	0.933	ug/l	96
69) o-Xylene	10.69	106	2743	0.612	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.08	83	15933	4.076	ug/l #	26
76) 1,2,3-Trichloropropane	11.13	75	82293	23.877	ug/l #	33
78) n-propylbenzene	11.36	91	2943	0.240	ug/l	98
79) 2-Chlorotoluene	11.43	91	1970	0.266	ug/l #	48
80) 1,3,5-Trimethylbenzene	11.51	105	5620	0.626	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	82293	61.298	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	20312	2.223	ug/l	100
86) p-Isopropyltoluene	12.06	119	3034	0.321	ug/l #	70
89) n-Butylbenzene	12.38	91	3110	0.353	ug/l #	45

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QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration

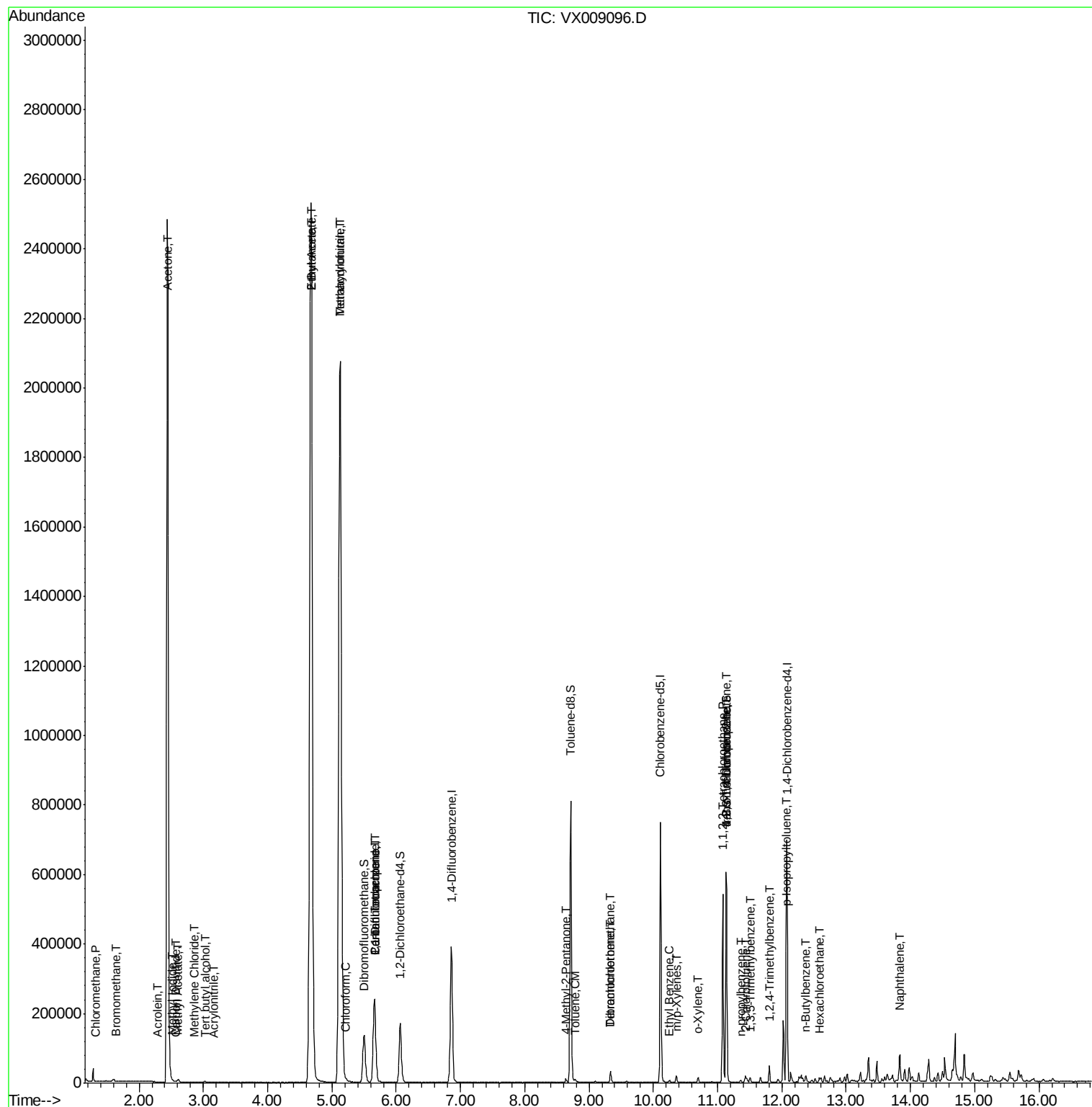
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.58	117	682	0.437	ug/l #	6
95) Naphthalene	13.83	128	47201	4.375	ug/l	98

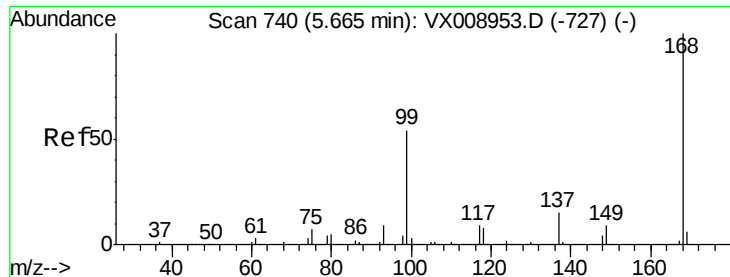
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009096.D

Acq: 22 Apr 2019 14:49

Instrument :

MSVOA_X

ClientSampleId :

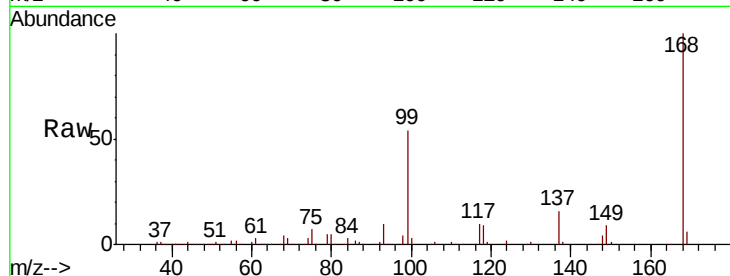
P041919

Tot Ion:168 Resp: 237744

Ion Ratio Lower Upper

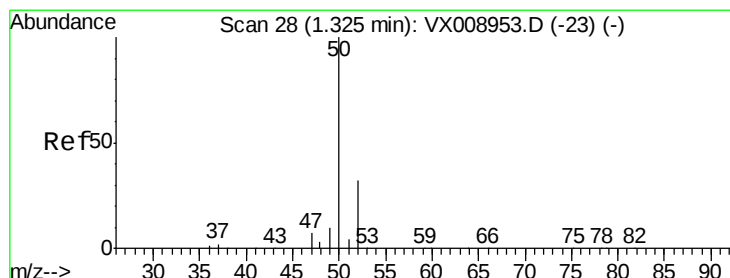
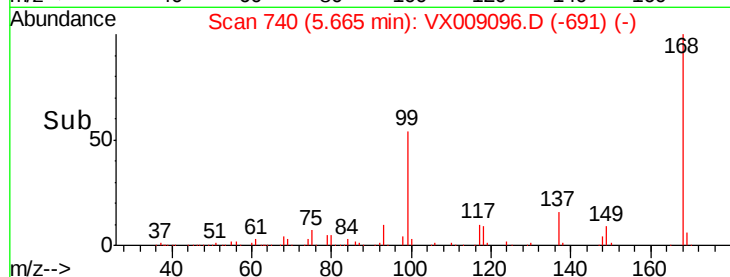
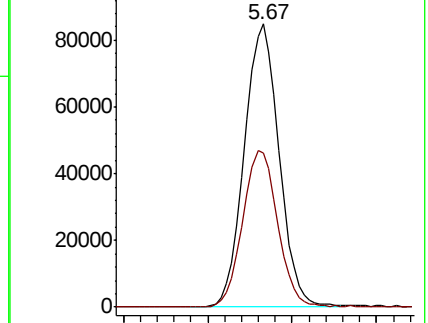
168 100

99 54.2 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.234 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX009096.D

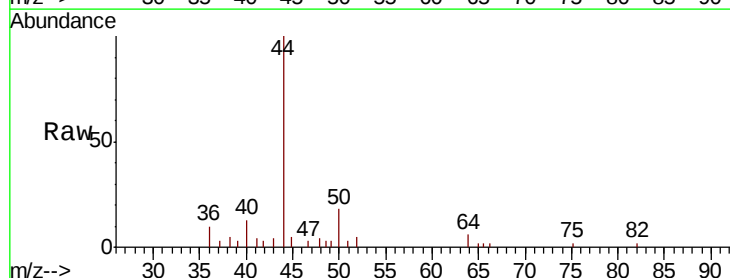
Acq: 22 Apr 2019 14:49

Tgt Ion: 50 Resp: 785

Ion Ratio Lower Upper

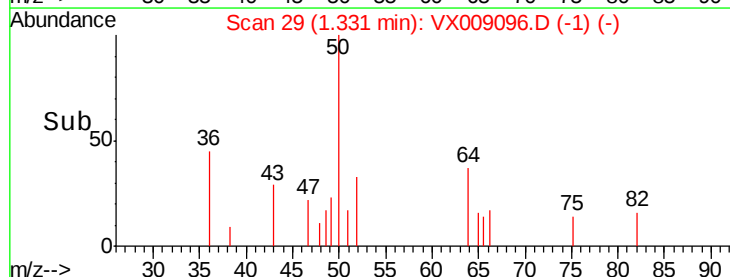
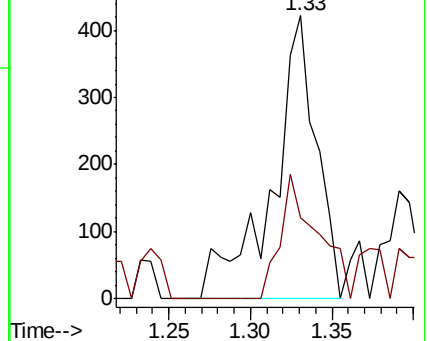
50 100

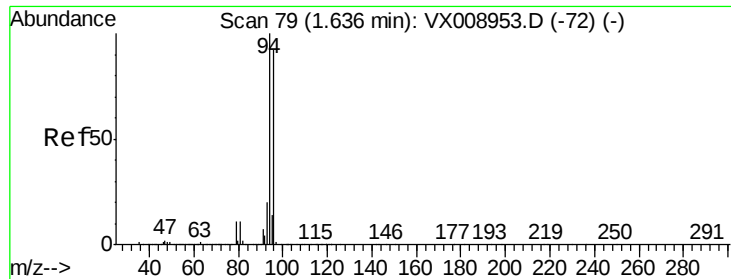
52 28.4 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 4.051 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX009096.D

Acq: 22 Apr 2019 14:49

Instrument :

MSVOA_X

ClientSampleId :

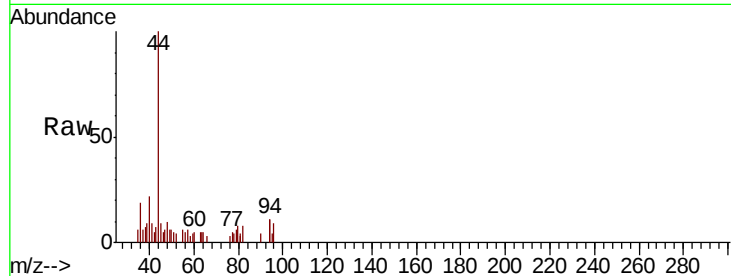
P041919

Tot Ion: 94 Resp: 450

Ion Ratio Lower Upper

94 100

96 18.1 73.9 110.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

300

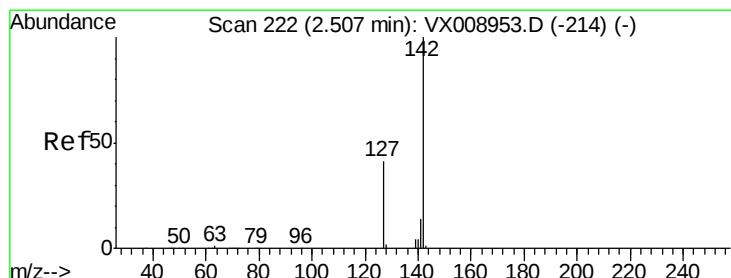
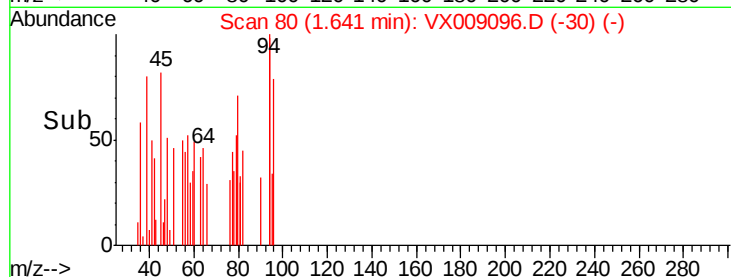
200

100

0

1.62 1.64 1.66 1.68

Time-->



#10

Methyl Iodide

Concen: 4.579 ug/l

RT: 2.52 min Scan# 224

Delta R.T. 0.01 min

Lab File: VX009096.D

Acq: 22 Apr 2019 14:49

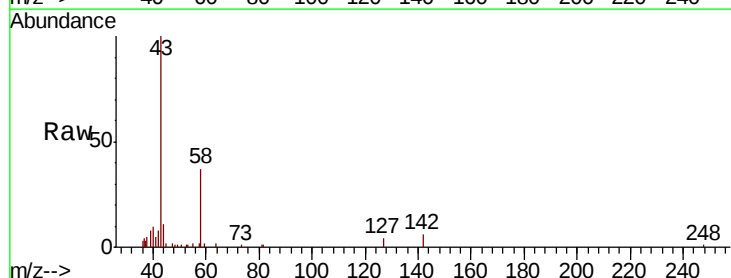
Tgt Ion: 142 Resp: 482

Ion Ratio Lower Upper

142 100

127 52.5 32.8 49.2#

141 5.0 11.4 17.2#



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

300

250

200

150

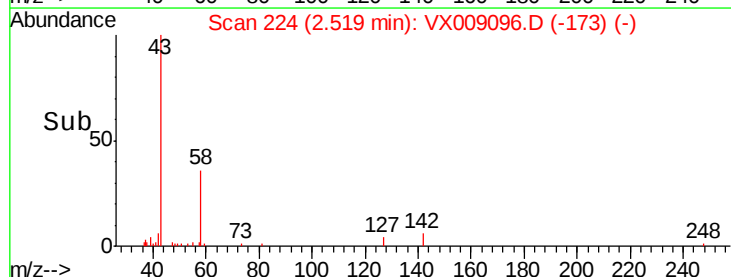
100

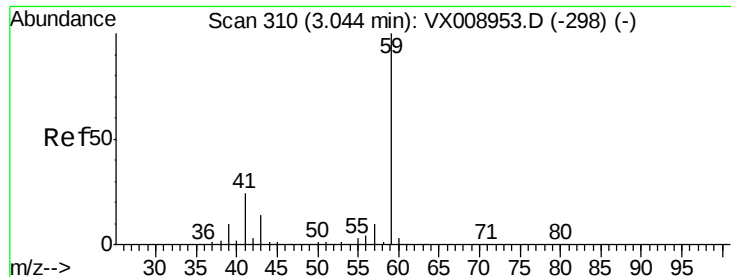
50

0

2.45 2.50 2.55

Time-->

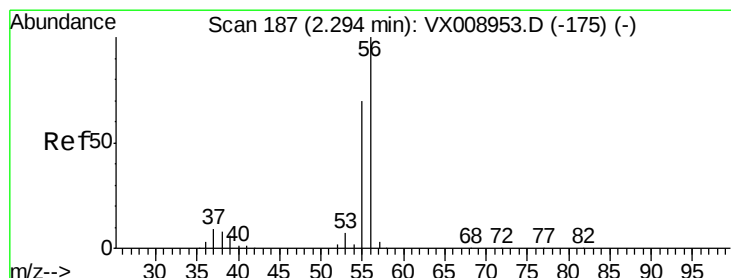
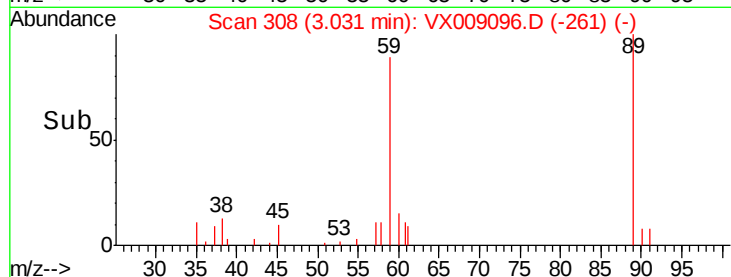
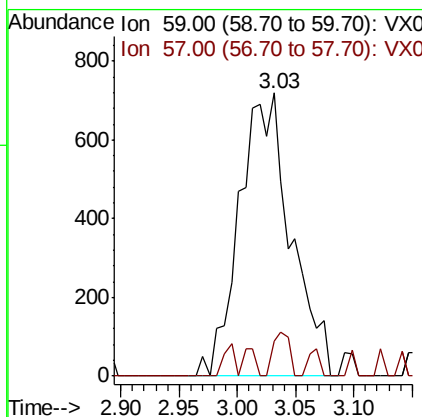
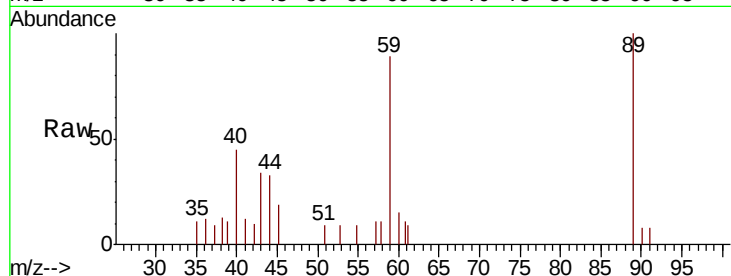




#11
Tert butyl alcohol
Concen: 2.977 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.01 min
Lab File: VX009096.D
Acq: 22 Apr 2019 14:49

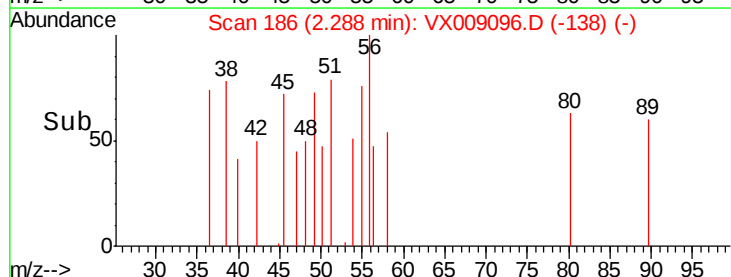
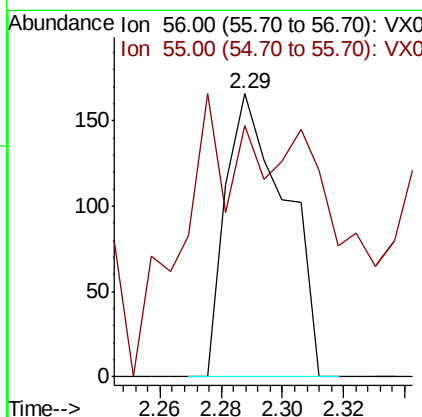
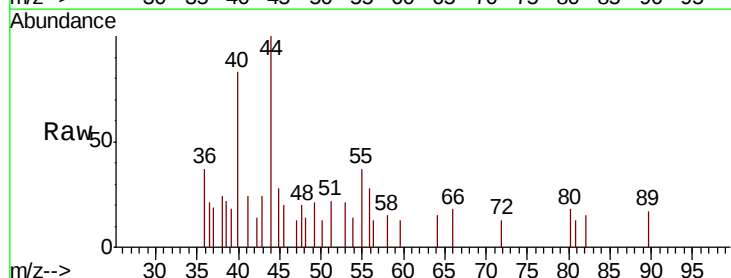
Instrument :
MSVOA_X
ClientSampleId :
P041919

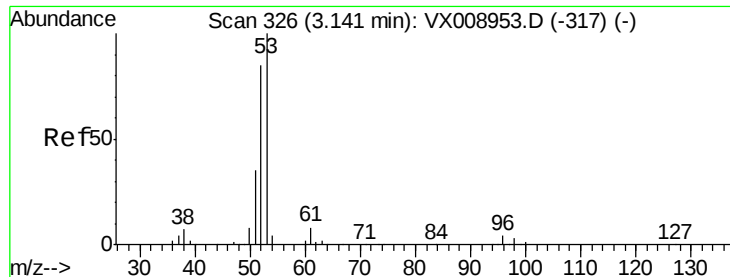
Tot Ion: 59 Resp: 2214
Ion Ratio Lower Upper
59 100
57 5.0 8.4 12.6#



#13
Acrolein
Concen: 0.349 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX009096.D
Acq: 22 Apr 2019 14:49

Tgt Ion: 56 Resp: 224
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#





#15

Acrylonitrile

Concen: 0.261 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX009096.D

Acq: 22 Apr 2019 14:49

Instrument :

MSVOA_X

ClientSampleId :

P041919

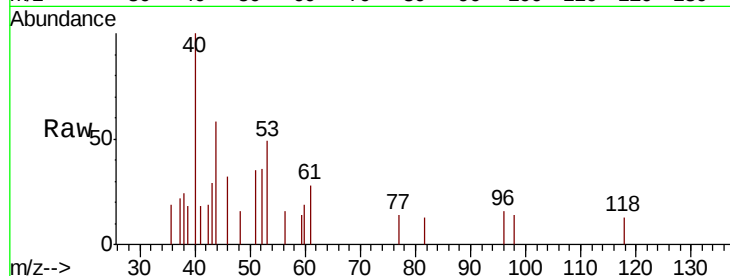
Tot Ion: 53 Resp: 493

Ion Ratio Lower Upper

53 100

52 94.9 66.6 100.0

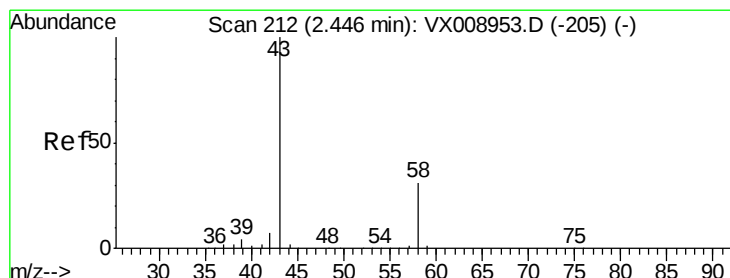
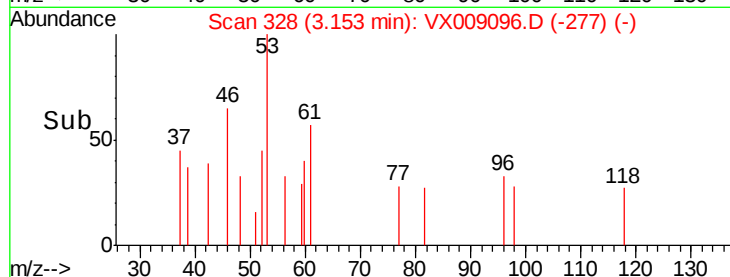
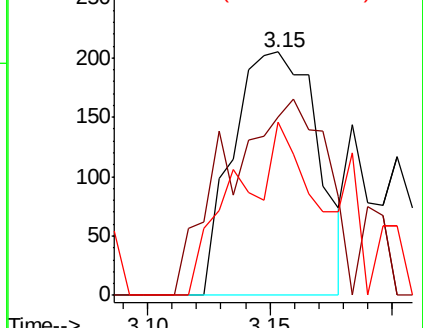
51 84.0 28.3 42.5#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 1561.697 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009096.D

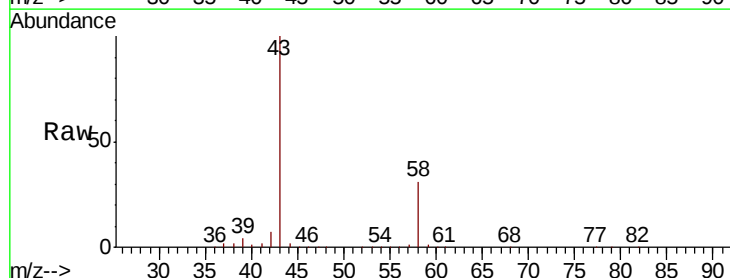
Acq: 22 Apr 2019 14:49

Tgt Ion: 43 Resp: 2713427

Ion Ratio Lower Upper

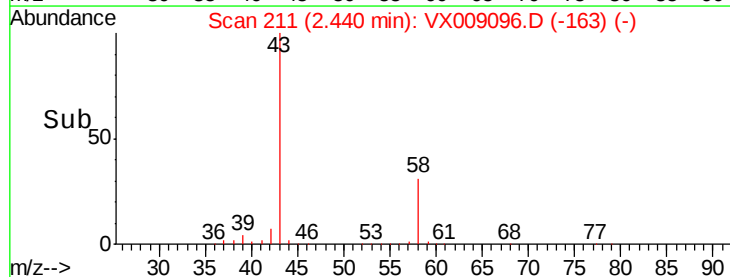
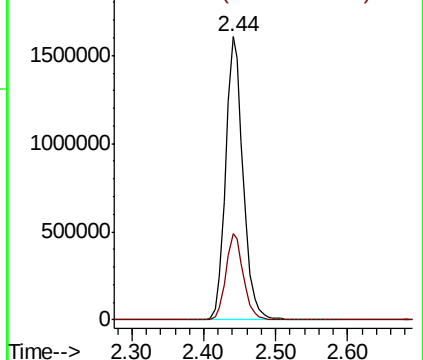
43 100

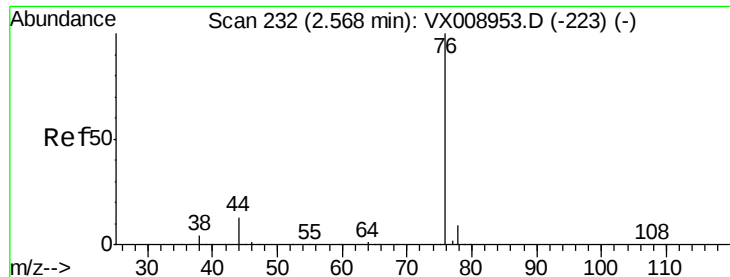
58 30.6 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 1.439 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX009096.D

Acq: 22 Apr 2019 14:49

Instrument :

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ClientSampleId :

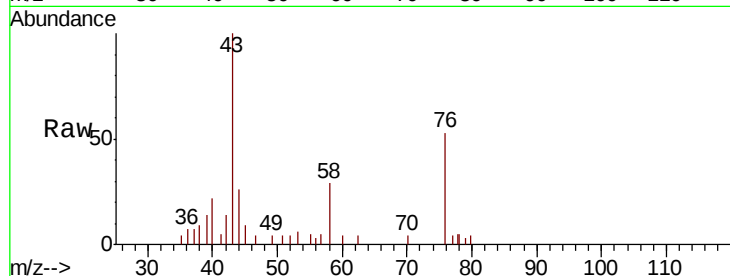
P041919

Tot Ion: 76 Resp: 1434

Ion Ratio Lower Upper

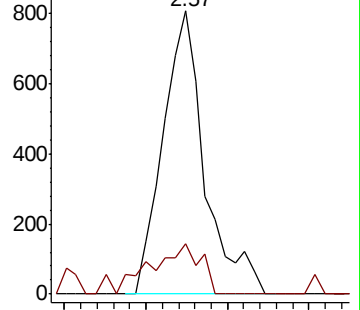
76 100

78 17.9 7.2 10.8#

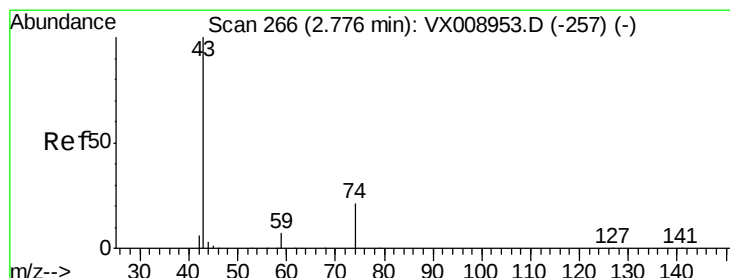
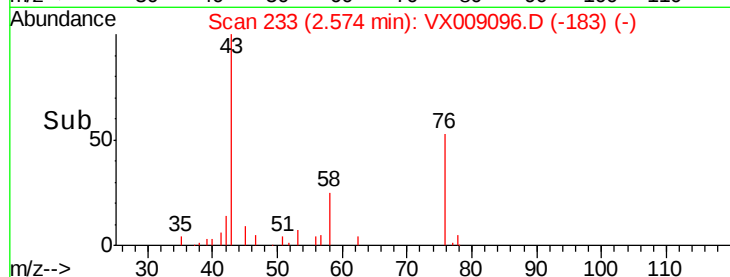


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#18

Methyl Acetate

Concen: 0.642 ug/l

RT: 2.60 min Scan# 238

Delta R.T. -0.17 min

Lab File: VX009096.D

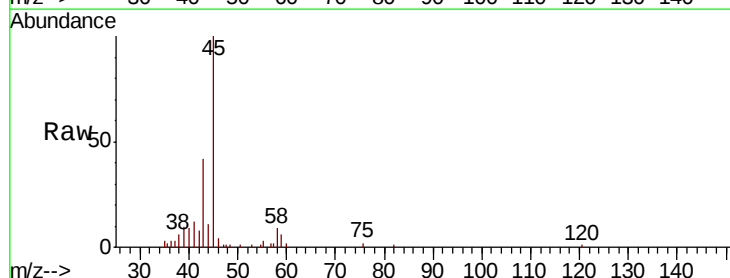
Acq: 22 Apr 2019 14:49

Tgt Ion: 43 Resp: 2786

Ion Ratio Lower Upper

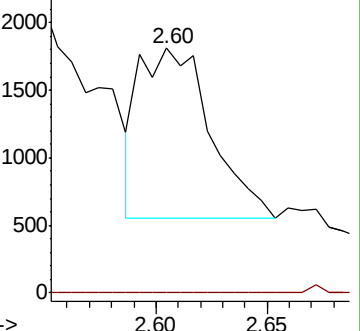
43 100

74 0.0 16.6 25.0#

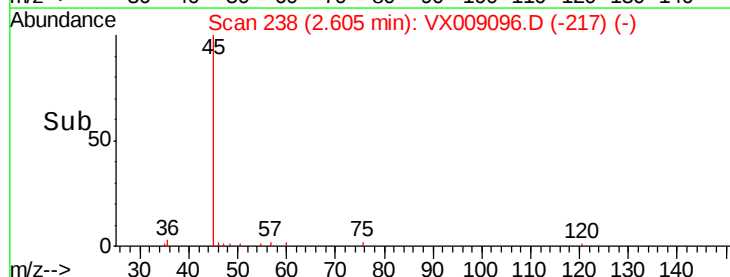


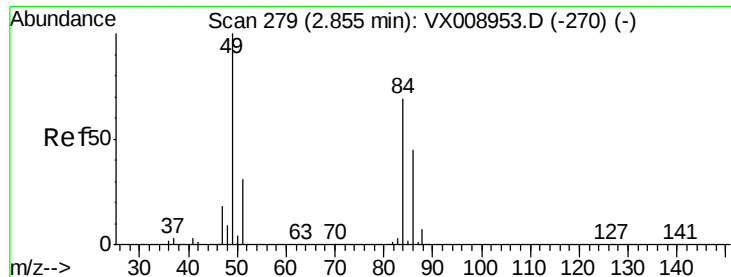
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



Time-->



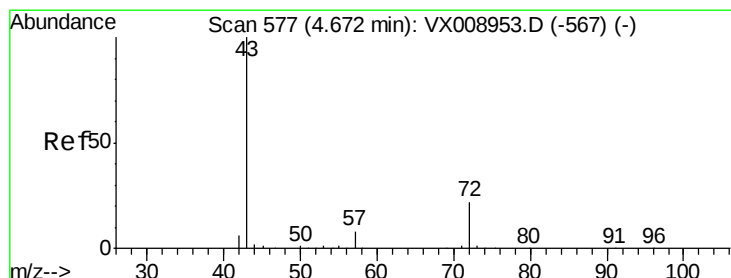
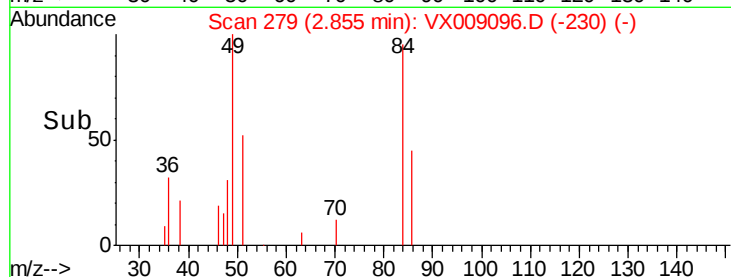
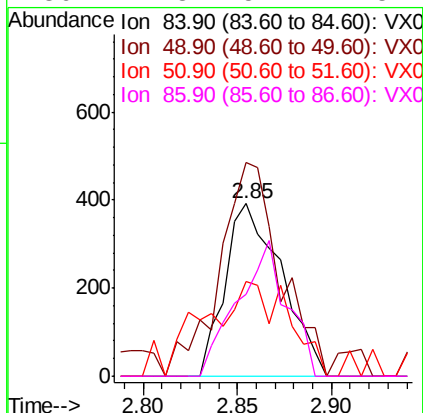
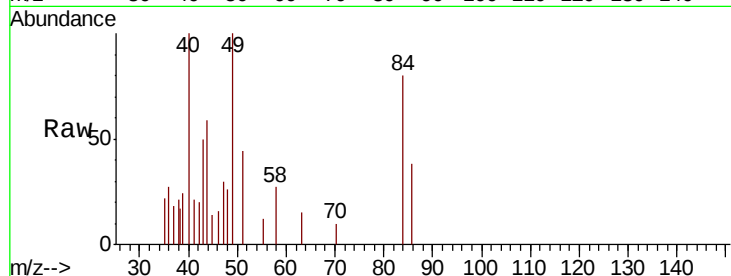


#20
Methvlene Chloride
Concen: 0.273 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009096.D
Acq: 22 Apr 2019 14:49

Instrument :
MSVOA_X
ClientSampleId :
P041919

Tot Ion: 84 Resp: 812

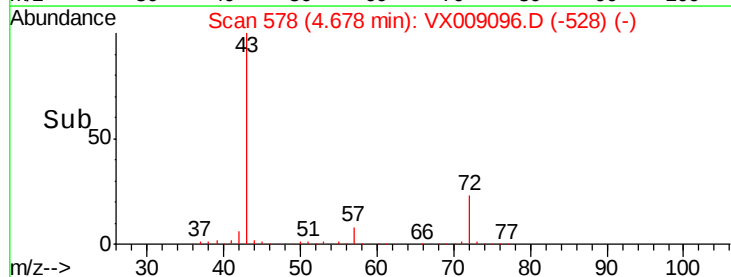
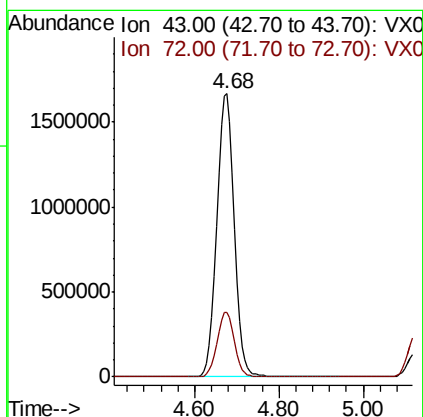
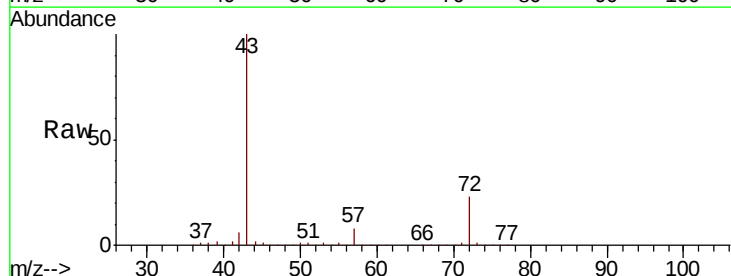
Ion	Ratio	Lower	Upper
84	100		
49	110.7	115.4	173.0#
51	55.0	35.8	53.6#
86	47.8	52.1	78.1#

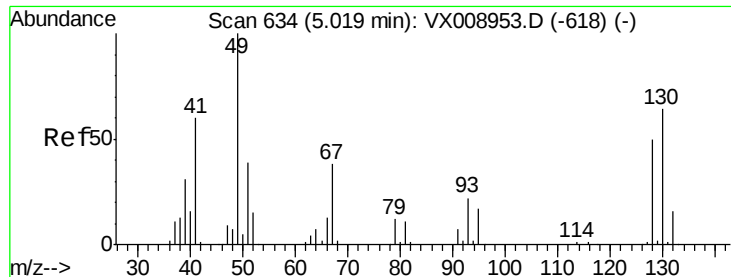


#25
2-Butanone
Concen: 1722.599 ug/l
RT: 4.68 min Scan# 578
Delta R.T. 0.01 min
Lab File: VX009096.D
Acq: 22 Apr 2019 14:49

Tgt Ion: 43 Resp: 4784096

Ion	Ratio	Lower	Upper
43	100		
72	23.0	17.5	26.3





#28

Bromochloromethane

Concen: Below Cal

RT: 5.07 min Scan# 642

Delta R.T. 0.05 min

Lab File: VX009096.D

Acq: 22 Apr 2019 14:49

Instrument :
MSVOA_X
ClientSampleId :
P041919

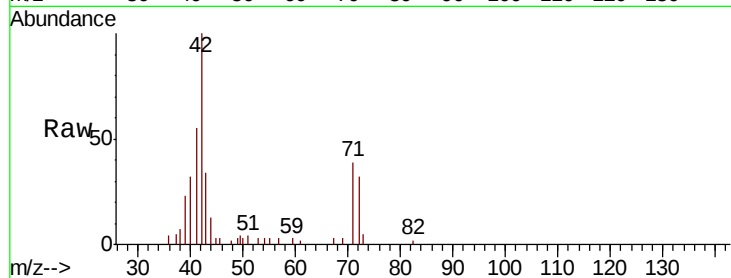
Tot Ion: 49 Resp: 220

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

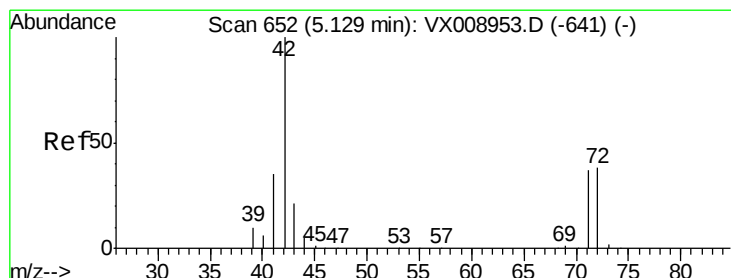
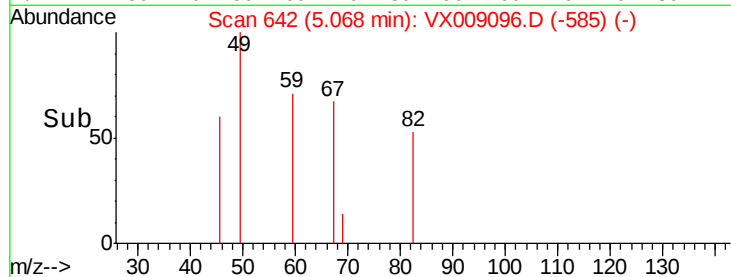
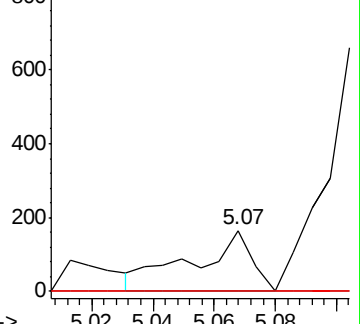
130 0.0 50.4 75.6#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 1135.691 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX009096.D

Acq: 22 Apr 2019 14:49

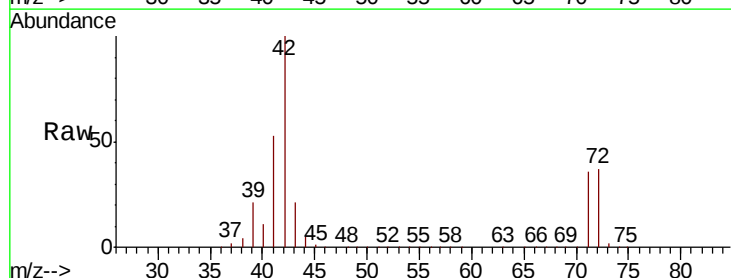
Tgt Ion: 42 Resp: 2111100

Ion Ratio Lower Upper

42 100

72 37.2 30.6 45.8

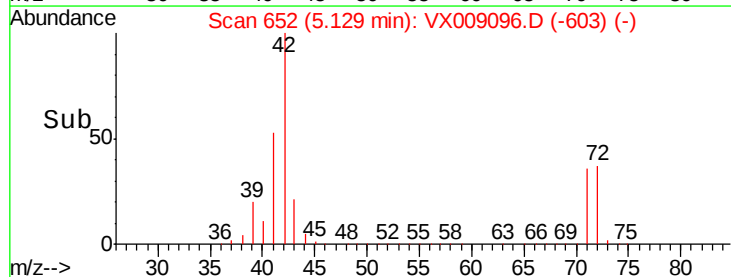
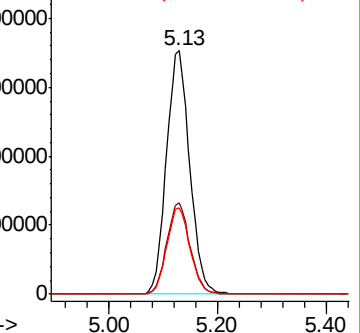
71 35.4 28.8 43.2

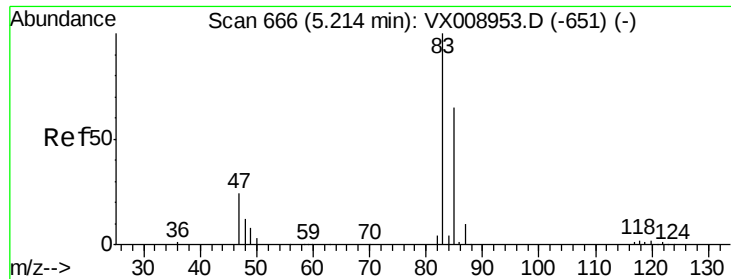


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

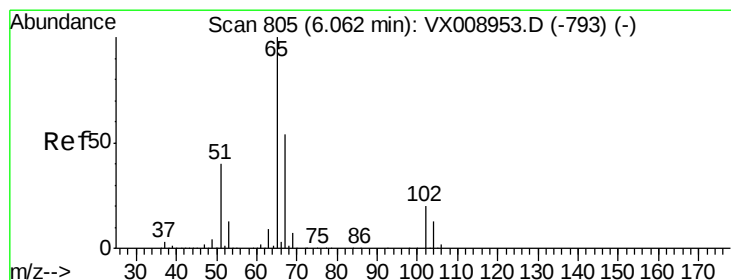
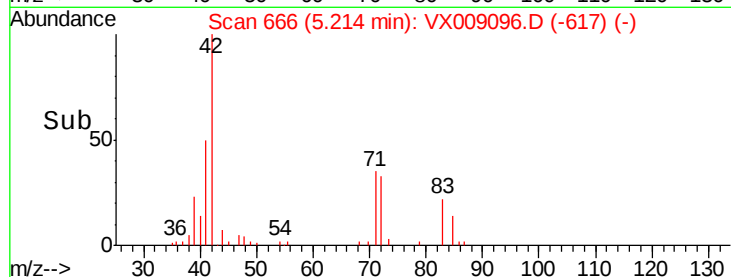
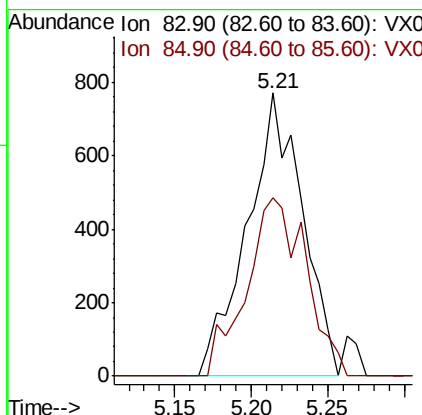
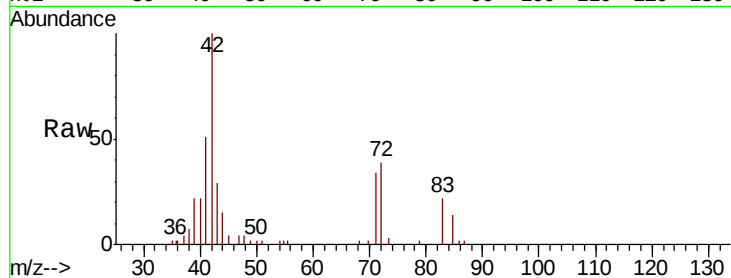




#30
Chloroform
Concen: 0.400 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX009096.D
Acq: 22 Apr 2019 14:49

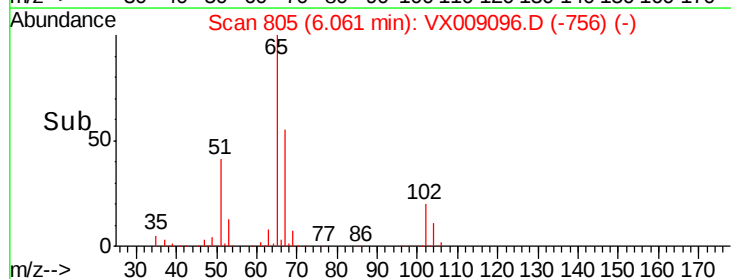
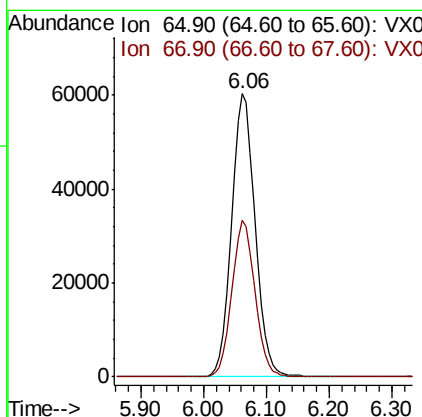
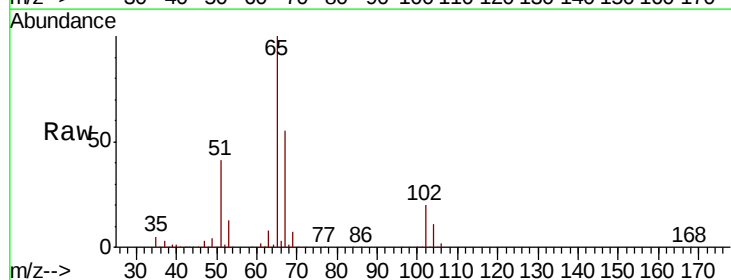
Instrument :
MSVOA_X
ClientSampleId :
P041919

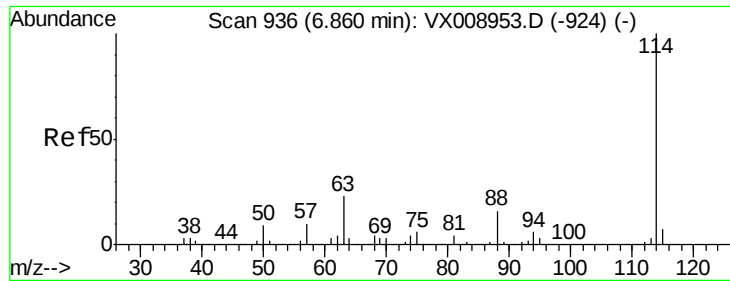
Tot Ion: 83 Resp: 1941
Ion Ratio Lower Upper
83 100
85 63.0 51.9 77.9



#33
1,2-Dichloroethane-d4
Concen: 46.765 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009096.D
Acq: 22 Apr 2019 14:49

Tgt Ion: 65 Resp: 156685
Ion Ratio Lower Upper
65 100
67 54.5 0.0 108.6

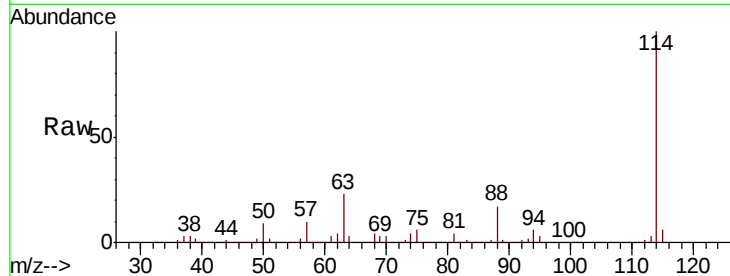




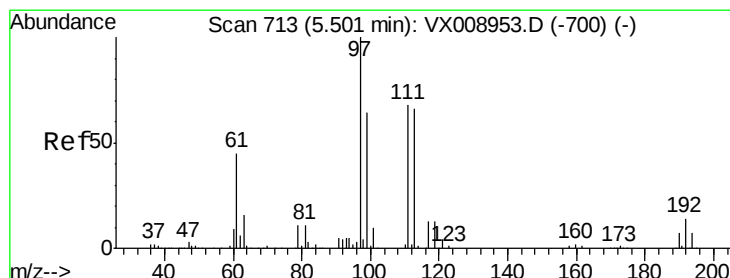
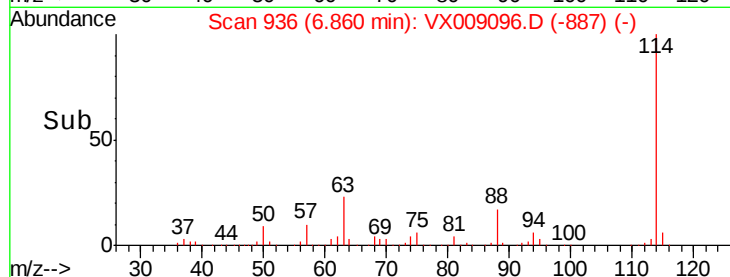
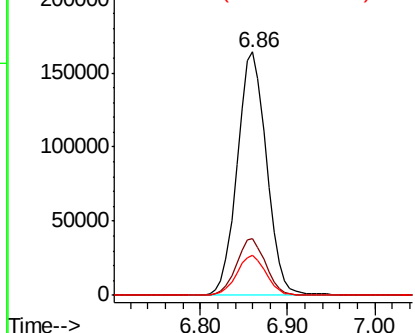
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009096.D
 Acq: 22 Apr 2019 14:49

Instrument :
 MSVOA_X
 ClientSampleId :
 P041919

Tot Ion:114 Resp: 382839
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 46.0
 88 16.5 0.0 32.6

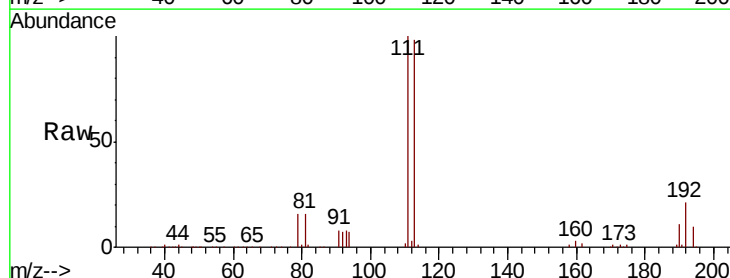


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

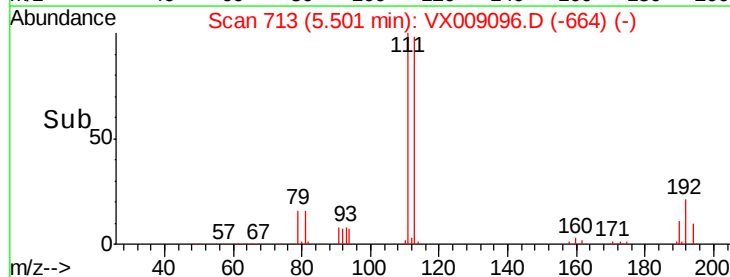
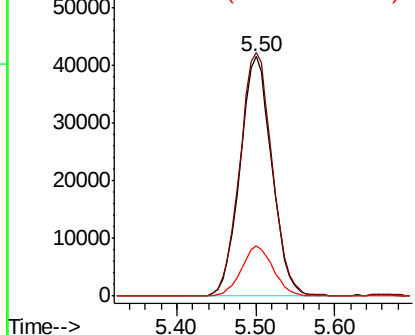


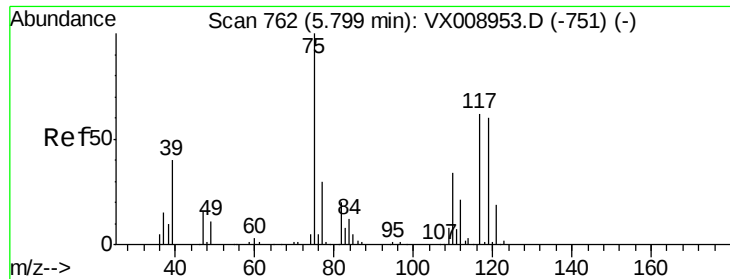
#35
 Dibromofluoromethane
 Concen: 47.464 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX009096.D
 Acq: 22 Apr 2019 14:49

Tgt Ion:113 Resp: 116618
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.9 124.3
 192 20.9 17.4 26.0



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

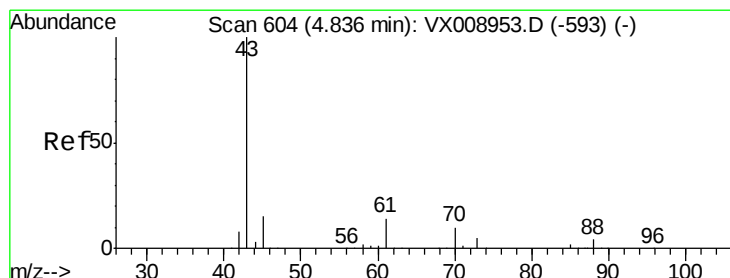
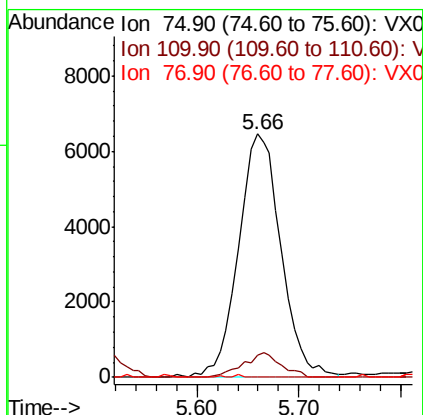
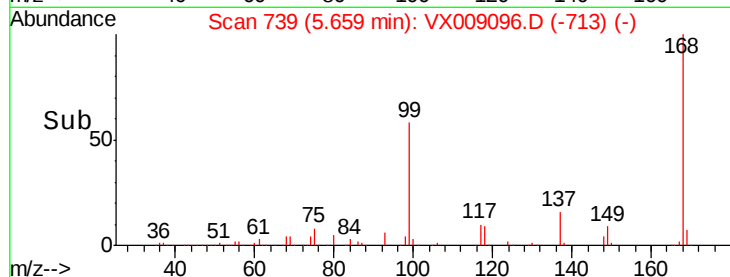
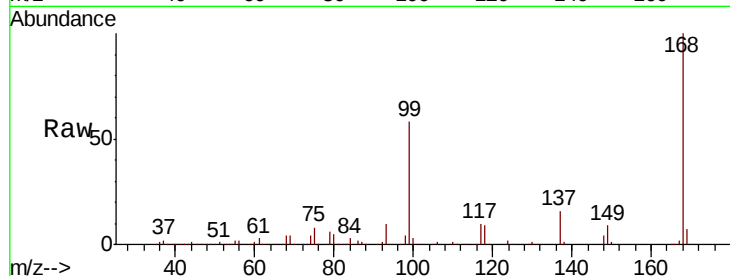




#36
 1,1-Dichloropropene
 Concen: 4.702 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX009096.D
 Acq: 22 Apr 2019 14:49

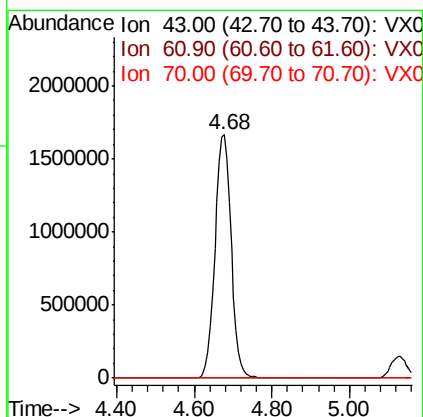
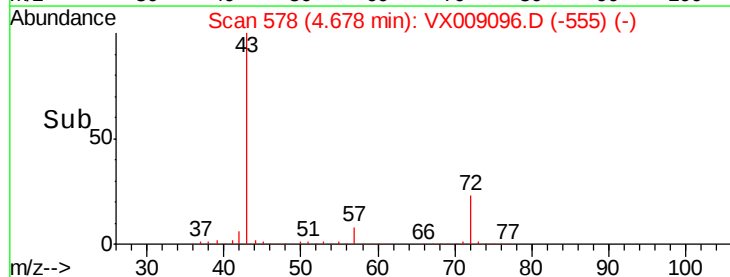
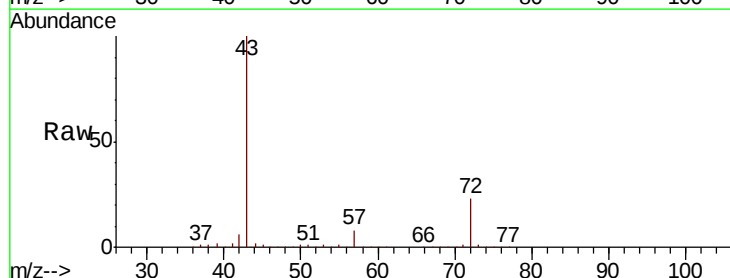
Instrument :
 MSVOA_X
 ClientSampleId :
 P041919

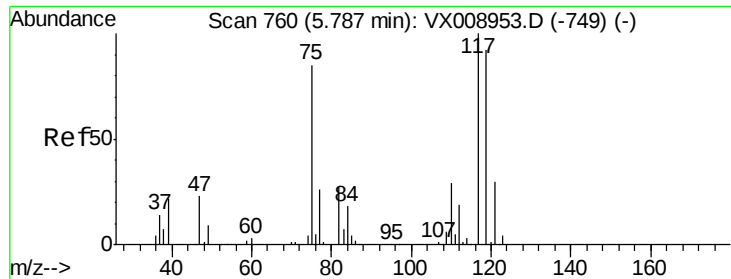
Tot Ion: 75 Resp: 18617
 Ion Ratio Lower Upper
 75 100
 110 9.1 16.9 50.7#
 77 0.0 25.0 37.4#



#37
 Ethyl Acetate
 Concen: 939.229 ug/l
 RT: 4.68 min Scan# 578
 Delta R.T. -0.16 min
 Lab File: VX009096.D
 Acq: 22 Apr 2019 14:49

Tgt Ion: 43 Resp: 4785205
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.6 15.8#
 70 0.0 7.7 11.5#

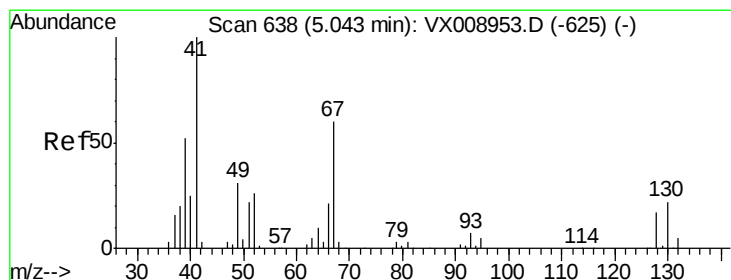
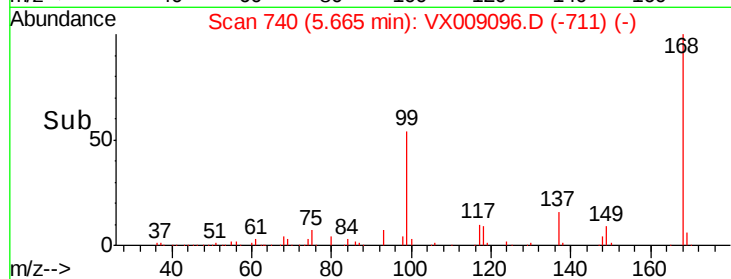
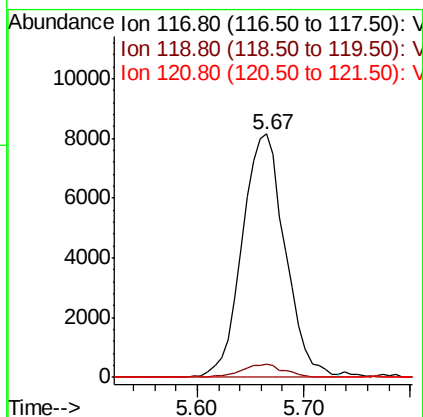
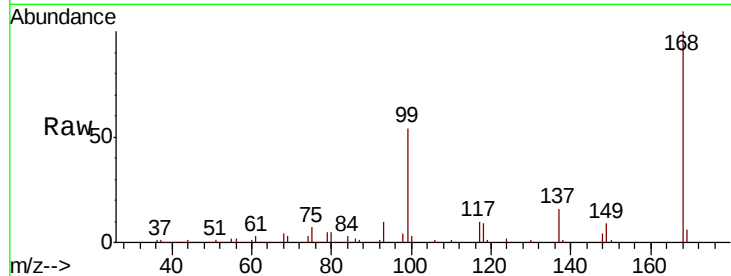




#38
Carbon Tetrachloride
Concen: 6.865 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX009096.D
Acq: 22 Apr 2019 14:49

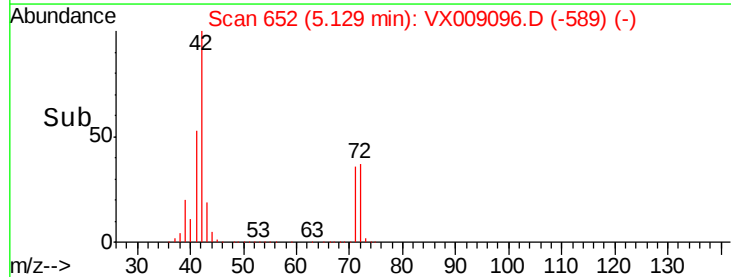
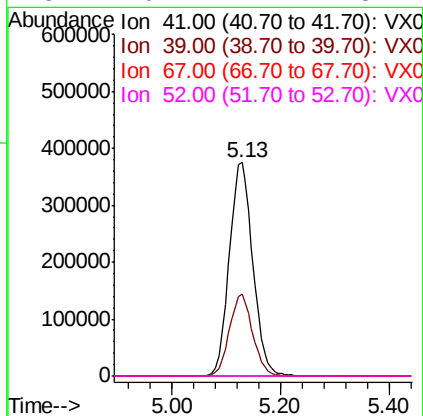
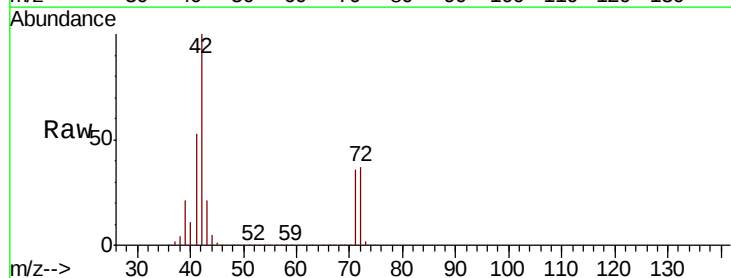
Instrument :
MSVOA_X
ClientSampled :
P041919

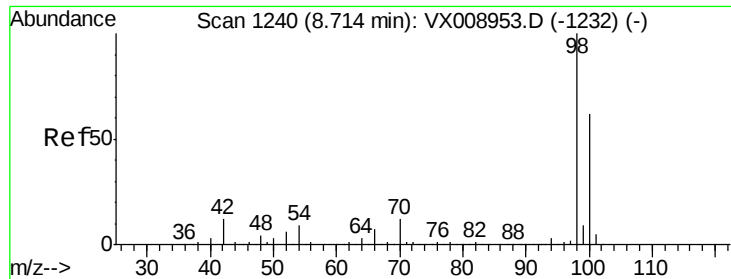
Tot Ion:117 Resp: 23043
Ion Ratio Lower Upper
117 100
119 5.2 73.8 110.8#
121 0.0 23.6 35.4#



#41
Methacrylonitrile
Concen: 386.550 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.09 min
Lab File: VX009096.D
Acq: 22 Apr 2019 14:49

Tgt Ion: 41 Resp: 1130299
Ion Ratio Lower Upper
41 100
39 37.8 41.8 62.6#
67 0.0 50.2 75.4#
52 0.1 21.1 31.7#

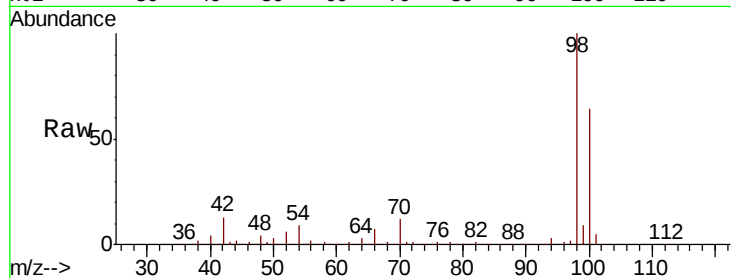




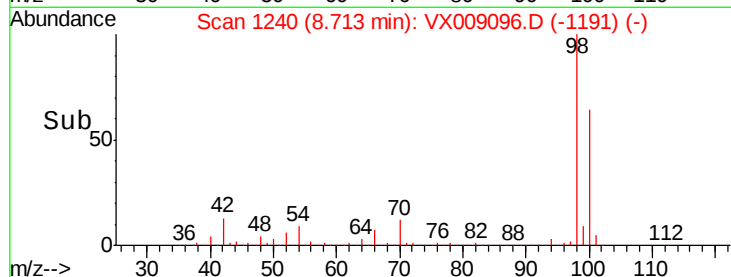
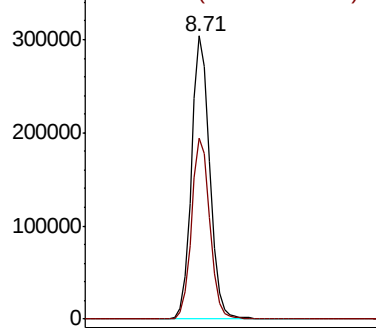
#50
Toluene-d8
Concen: 48.469 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009096.D
Acq: 22 Apr 2019 14:49

Instrument :
MSVOA_X
ClientSampleId :
P041919

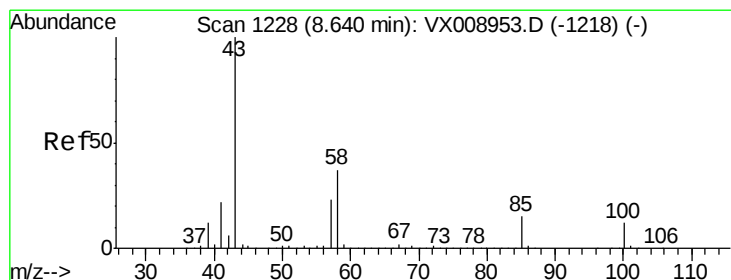
Tot Ion: 98 Resp: 474922
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.2



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

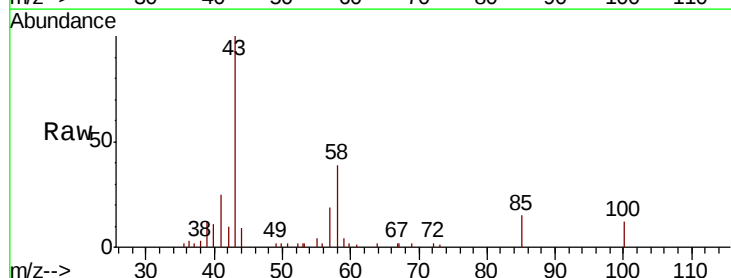


Time-->

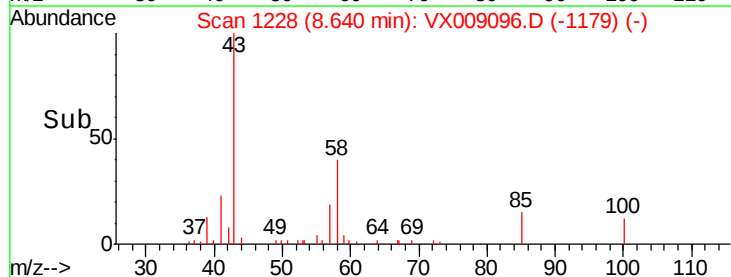
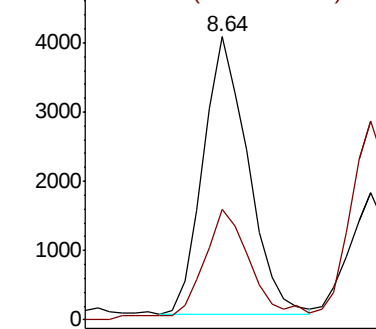


#51
4-Methyl-2-Pentanone
Concen: 1.159 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX009096.D
Acq: 22 Apr 2019 14:49

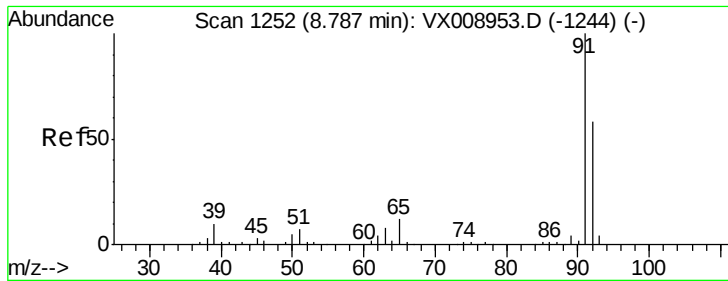
Tgt Ion: 43 Resp: 6062
Ion Ratio Lower Upper
43 100
58 43.8 29.8 44.6



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



Time-->



#52

Toluene

Concen: 0.291 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX009096.D

Acq: 22 Apr 2019 14:49

Instrument :

MSVOA_X

ClientSampleId :

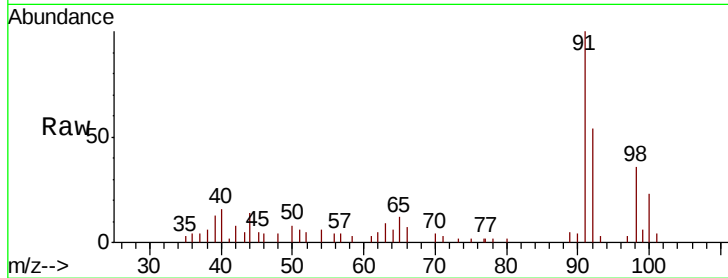
P041919

Tot Ion: 92 Resp: 2039

Ion Ratio Lower Upper

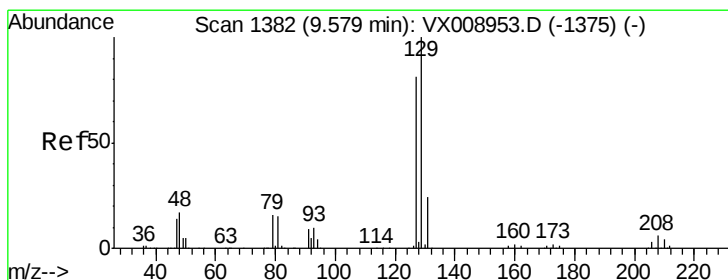
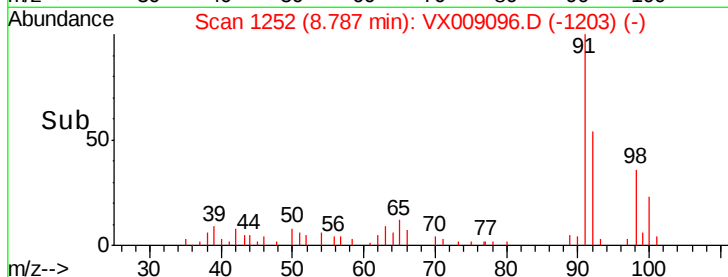
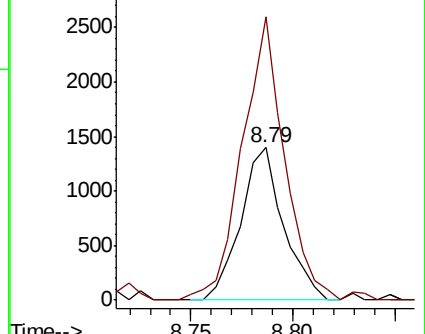
92 100

91 183.2 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX008953.D (-1244) (-)

Ion 91.00 (90.70 to 91.70): VX008953.D (-1244) (-)



#60

Dibromochloromethane

Concen: 2.147 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.24 min

Lab File: VX009096.D

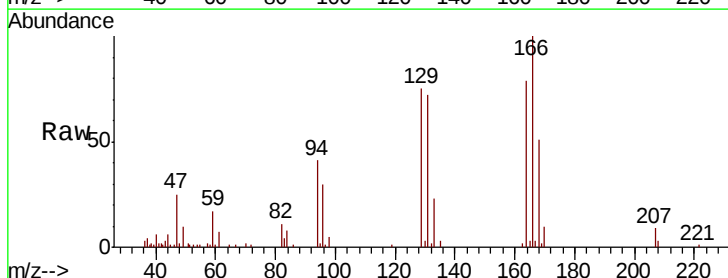
Acq: 22 Apr 2019 14:49

Tgt Ion:129 Resp: 5710

Ion Ratio Lower Upper

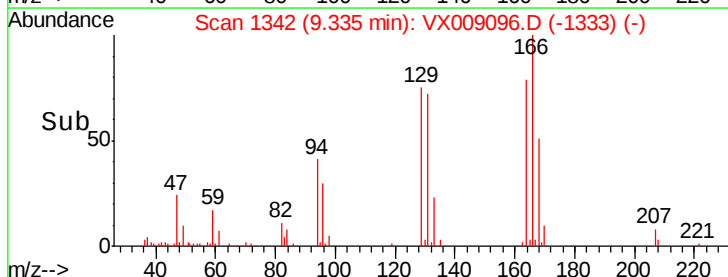
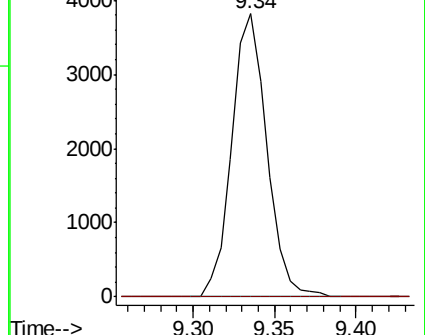
129 100

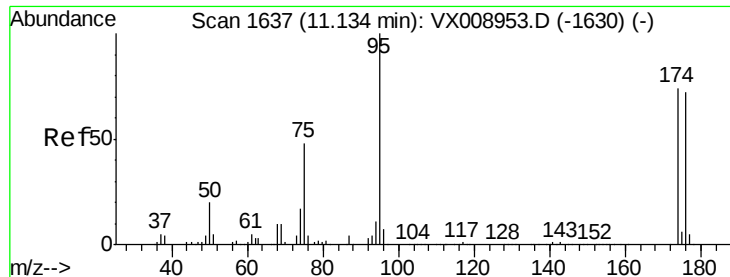
127 0.0 39.1 117.2#



Abundance Ion 128.80 (128.50 to 129.50): VX008953.D (-1375) (-)

Ion 126.80 (126.50 to 127.50): VX008953.D (-1375) (-)





#62

4-Bromofluorobenzene

Concen: 46.836 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009096.D

Acq: 22 Apr 2019 14:49

Instrument :

MSVOA_X

ClientSampleId :

P041919

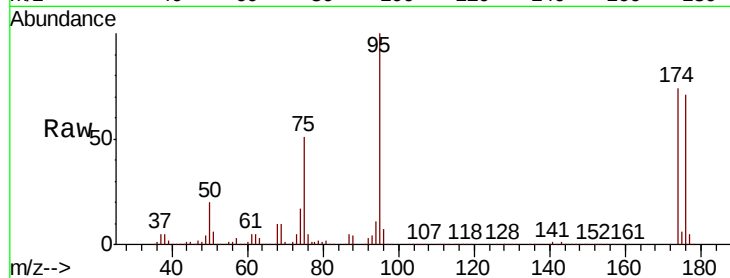
Tot Ion: 95 Resp: 162000

Ion Ratio Lower Upper

95 100

174 79.0 0.0 159.6

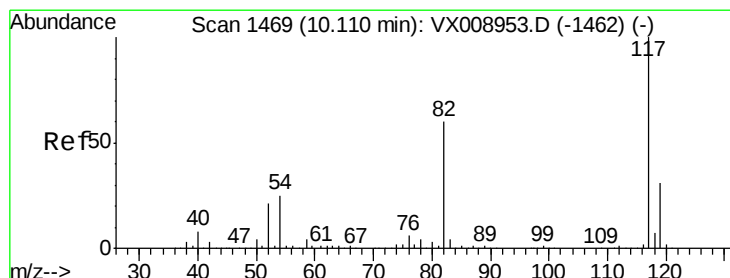
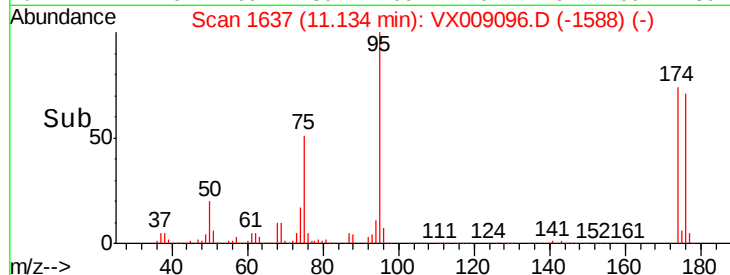
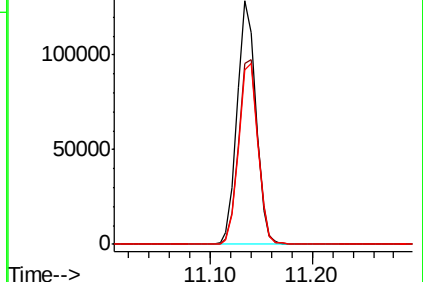
176 76.4 0.0 154.8



Abundance Ion 94.90 (94.60 to 95.60): VX008953.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX008953.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX008953.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX009096.D

Acq: 22 Apr 2019 14:49

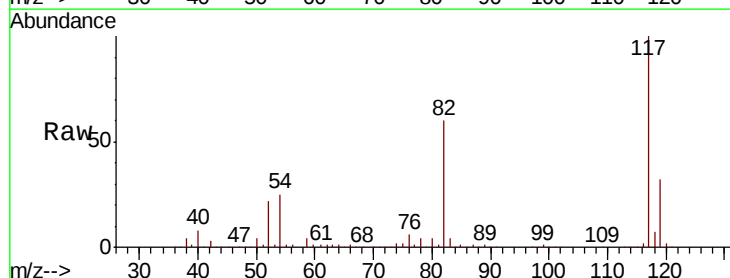
Tgt Ion: 117 Resp: 328387

Ion Ratio Lower Upper

117 100

82 60.2 48.2 72.4

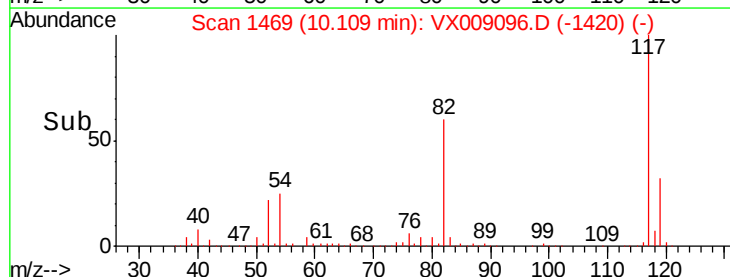
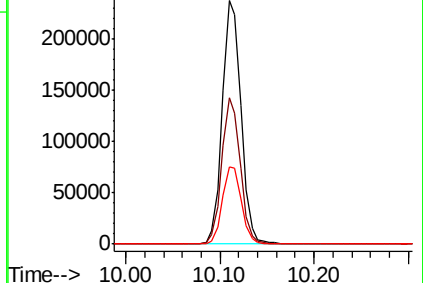
119 31.8 25.0 37.6

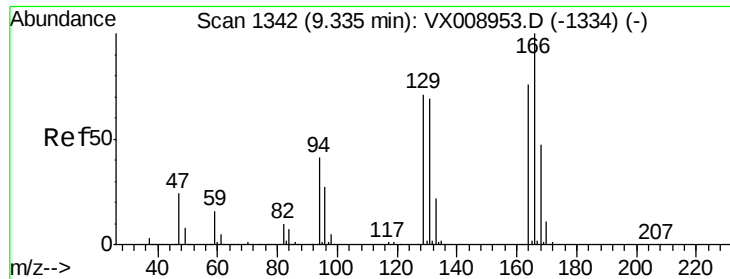


Abundance Ion 116.90 (116.60 to 117.60): VX008953.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008953.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008953.D (-1462) (-)





#64

Tetrachloroethene

Concen: 2.386 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX009096.D

Acq: 22 Apr 2019 14:49

Instrument :

MSVOA_X

ClientSampleId :

P041919

Tot Ion:164 Resp: 5953

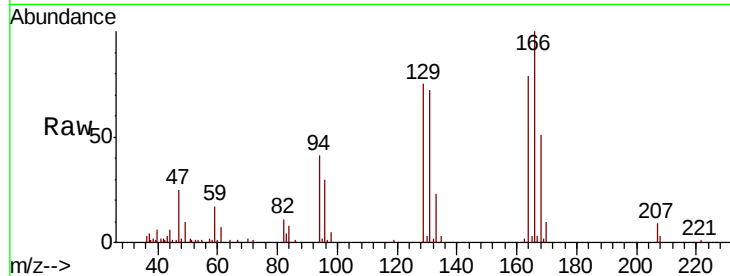
Ion Ratio Lower Upper

164 100

166 125.8 105.0 157.4

129 93.8 74.2 111.4

131 91.2 72.2 108.2

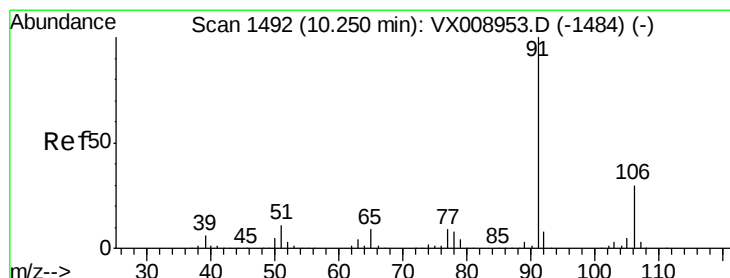
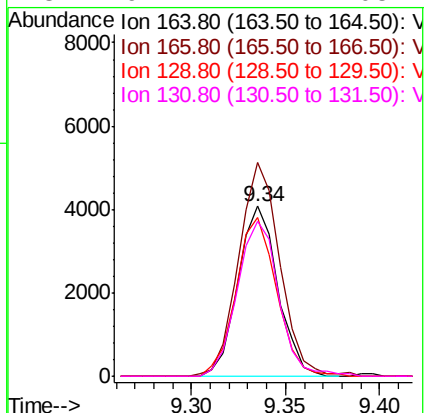
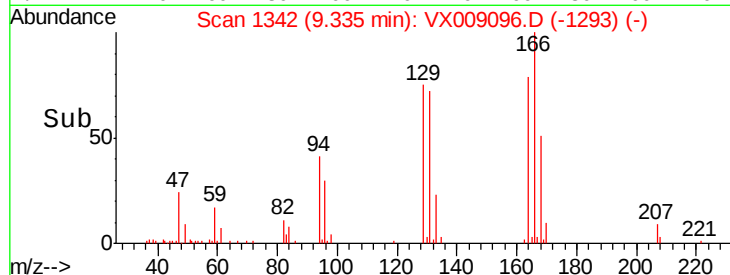


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#67

Ethyl Benzene

Concen: 0.265 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.01 min

Lab File: VX009096.D

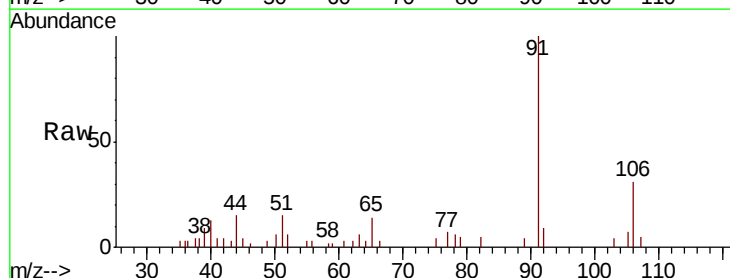
Acq: 22 Apr 2019 14:49

Tgt Ion: 91 Resp: 3356

Ion Ratio Lower Upper

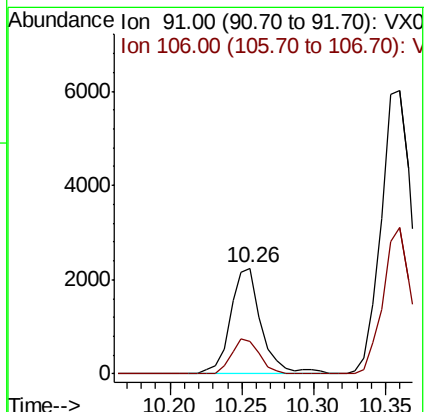
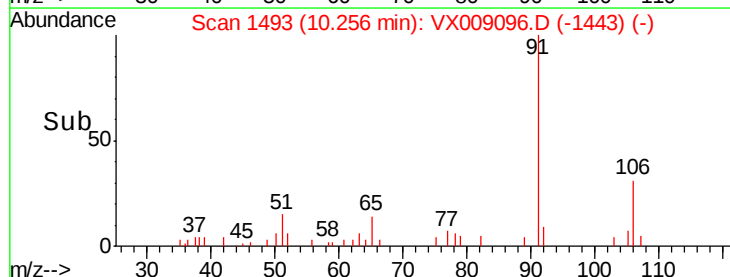
91 100

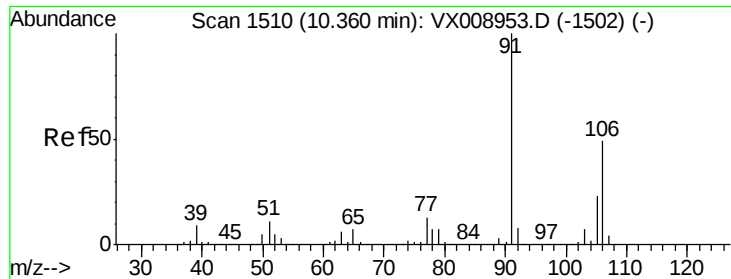
106 30.5 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

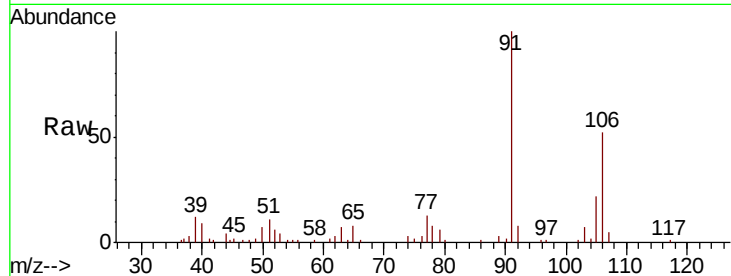




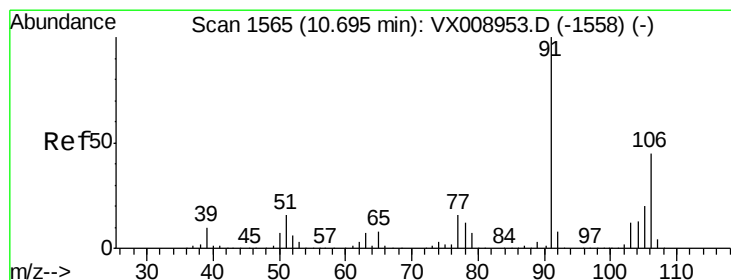
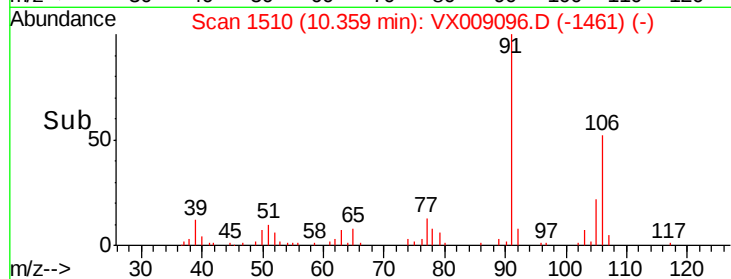
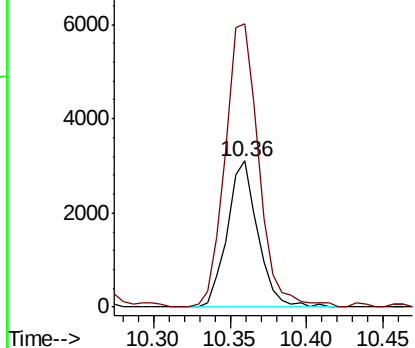
#68
m/p-Xylenes
Concen: 0.933 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009096.D
Acq: 22 Apr 2019 14:49

Instrument :
MSVOA_X
ClientSampleId :
P041919

Tot Ion:106 Resp: 4298
Ion Ratio Lower Upper
106 100
91 212.7 165.4 248.2

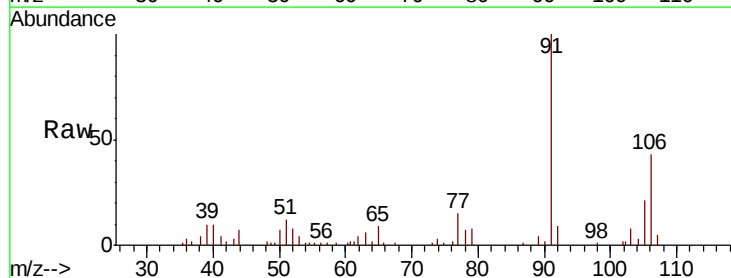


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

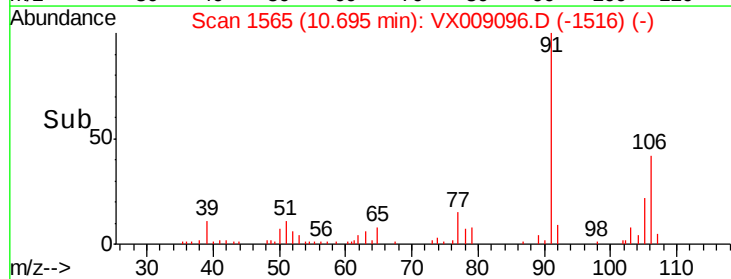
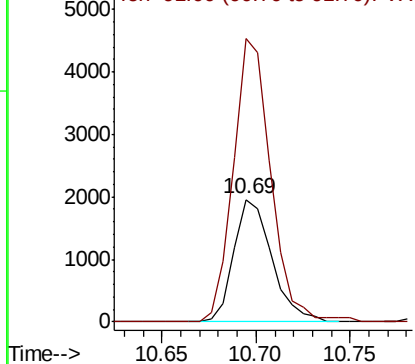


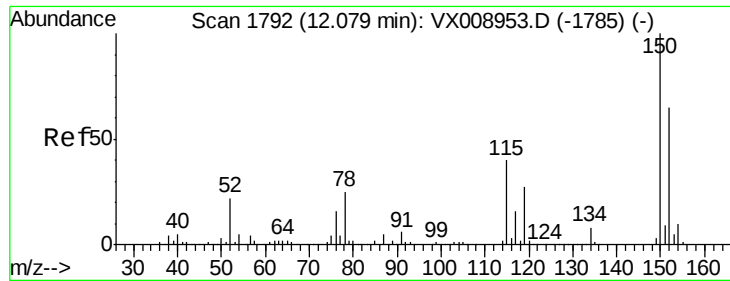
#69
o-Xylene
Concen: 0.612 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX009096.D
Acq: 22 Apr 2019 14:49

Tgt Ion:106 Resp: 2743
Ion Ratio Lower Upper
106 100
91 228.6 108.9 326.7



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009096.D

Acq: 22 Apr 2019 14:49

Instrument :

MSVOA_X

ClientSampleId :

P041919

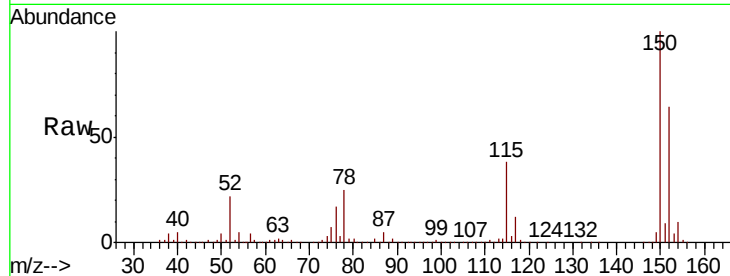
Tot Ion:152 Resp: 141149

Ion Ratio Lower Upper

152 100

115 59.8 41.4 124.2

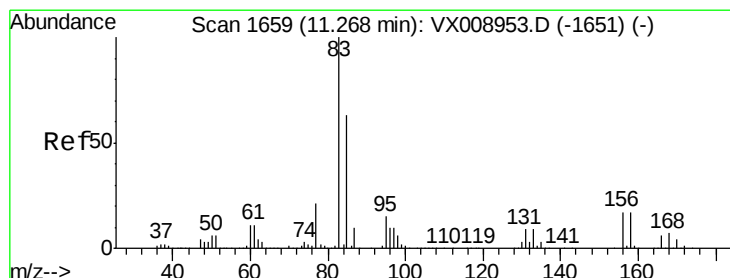
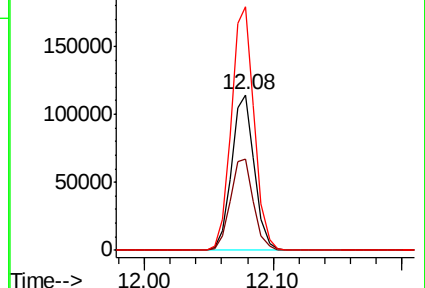
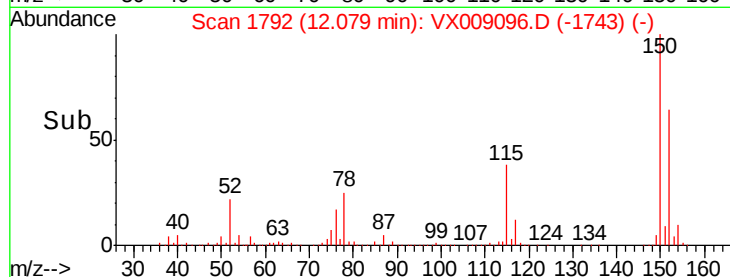
150 157.5 0.0 349.8



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



#75

1,1,2,2-Tetrachloroethane

Concen: 4.076 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. -0.19 min

Lab File: VX009096.D

Acq: 22 Apr 2019 14:49

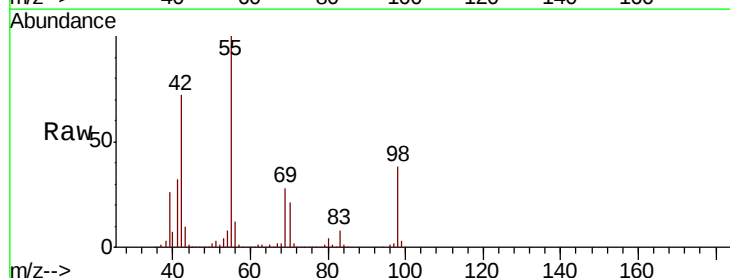
Tgt Ion: 83 Resp: 15933

Ion Ratio Lower Upper

83 100

131 0.0 4.7 14.0#

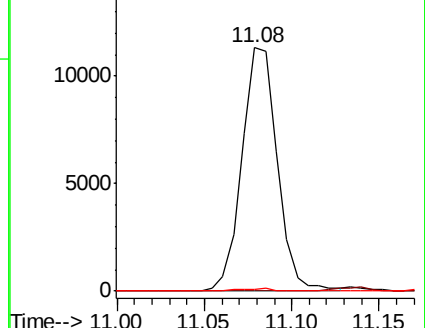
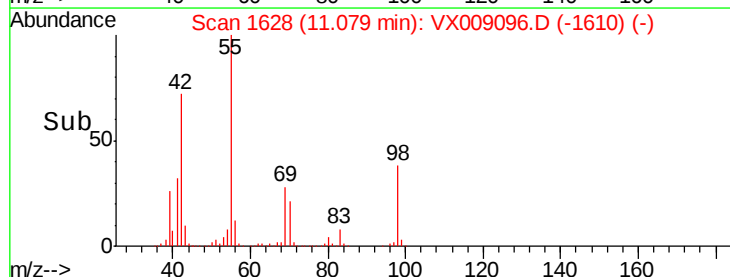
85 0.8 31.9 95.9#

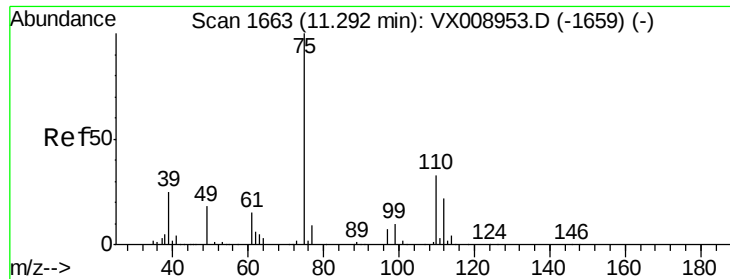


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

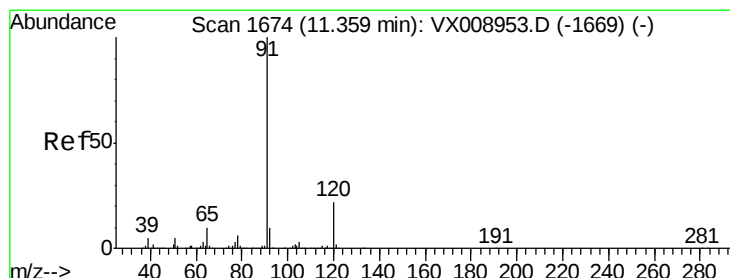
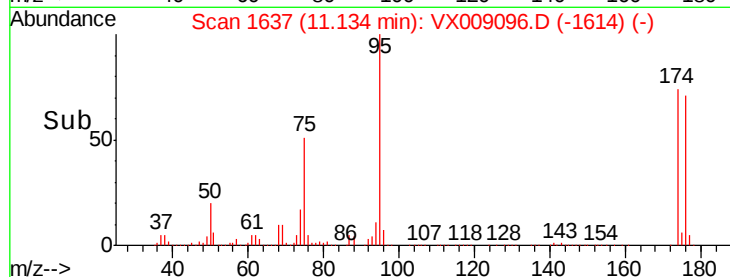
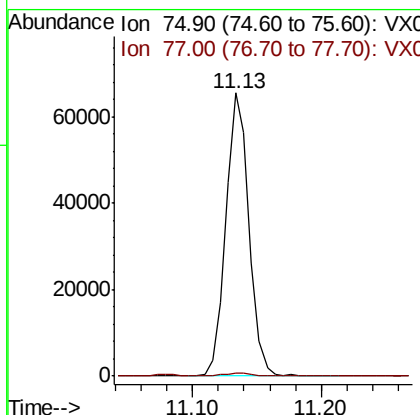
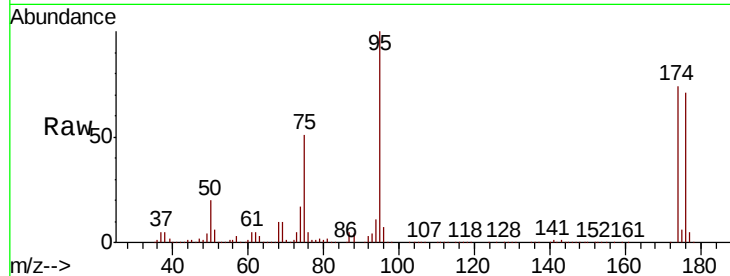




#76
 1,2,3-Trichloropropane
 Concen: 23.877 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX009096.D
 Acq: 22 Apr 2019 14:49

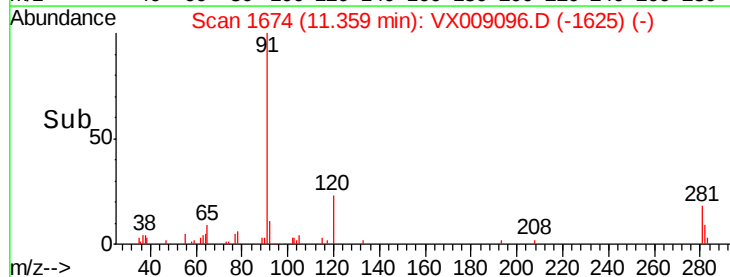
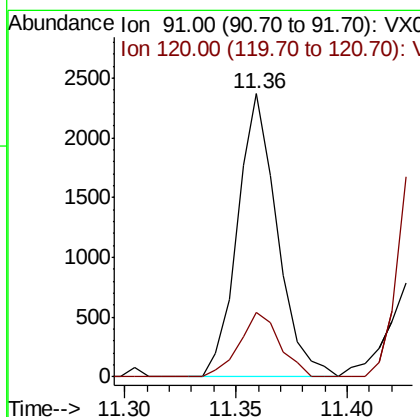
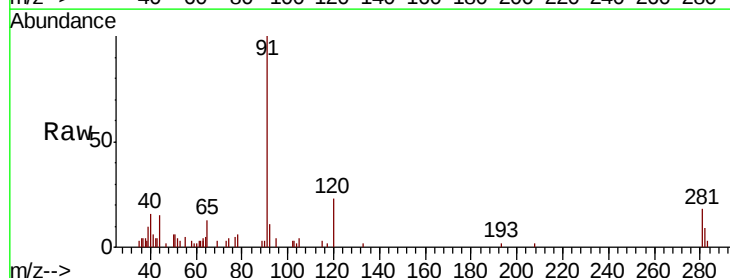
Instrument :
 MSVOA_X
 ClientSampled :
 P041919

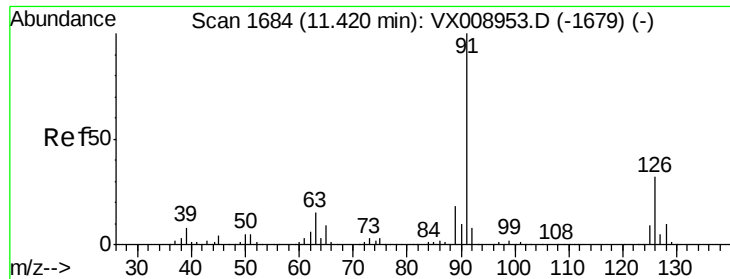
Tot Ion: 75 Resp: 82293
 Ion Ratio Lower Upper
 75 100
 77 1.3 22.7 68.0#



#78
 n-propylbenzene
 Concen: 0.240 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: VX009096.D
 Acq: 22 Apr 2019 14:49

Tgt Ion: 91 Resp: 2943
 Ion Ratio Lower Upper
 91 100
 120 23.1 10.9 32.9





#79

2-Chlorotoluene

Concen: 0.266 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX009096.D

Acq: 22 Apr 2019 14:49

Instrument :

MSVOA_X

ClientSampleId :

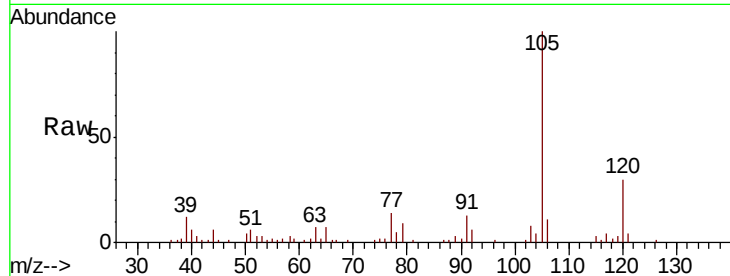
P041919

Tot Ion: 91 Resp: 1970

Ion Ratio Lower Upper

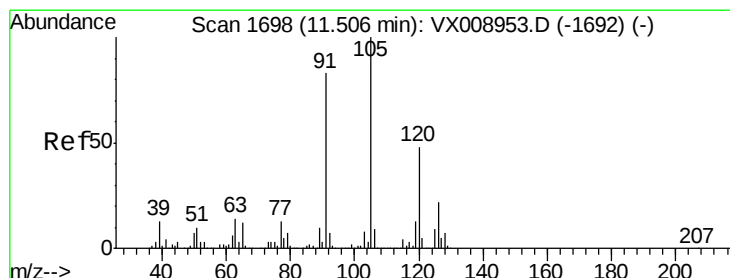
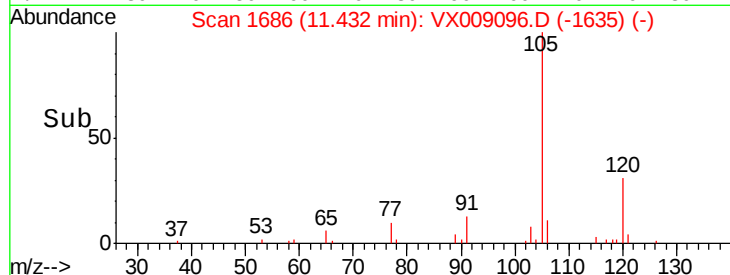
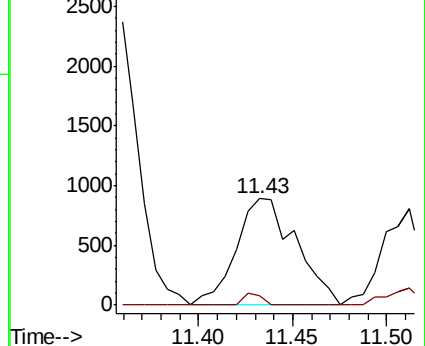
91 100

126 3.2 16.3 48.9#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 0.626 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009096.D

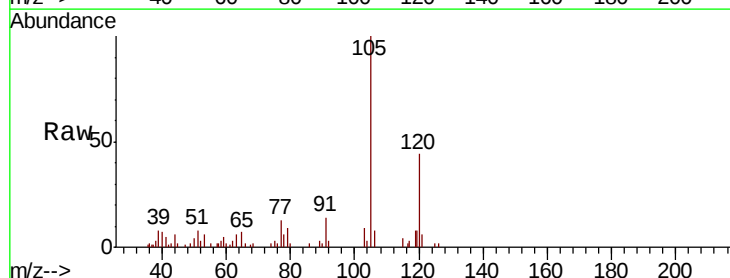
Acq: 22 Apr 2019 14:49

Tgt Ion:105 Resp: 5620

Ion Ratio Lower Upper

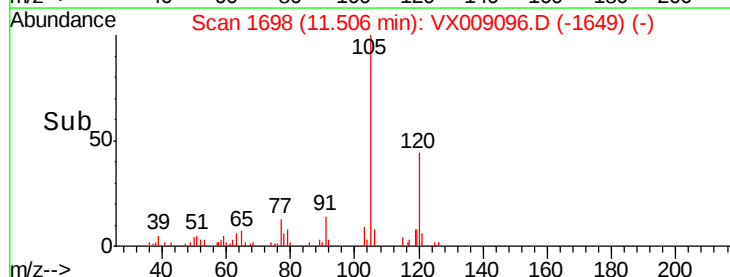
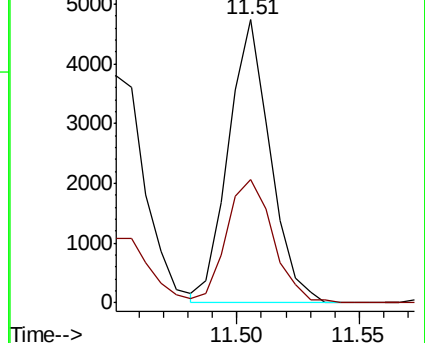
105 100

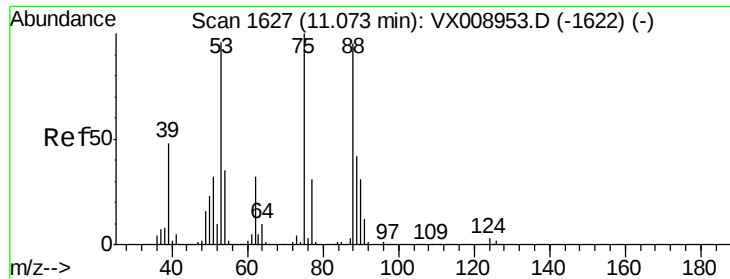
120 48.7 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 61.298 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009096.D

Acq: 22 Apr 2019 14:49

Instrument :

MSVOA_X

ClientSampleId :

P041919

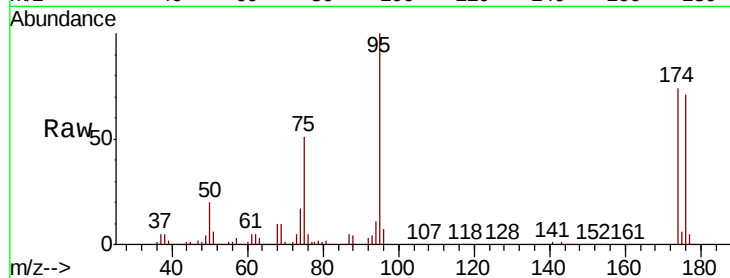
Tot Ion: 75 Resp: 82293

Ion Ratio Lower Upper

75 100

53 0.0 78.2 117.4#

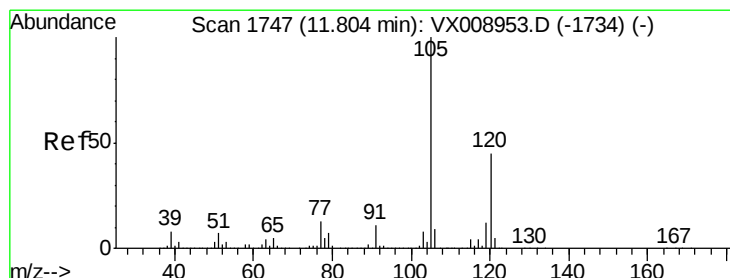
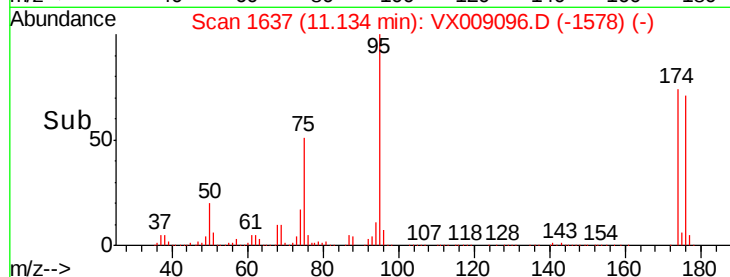
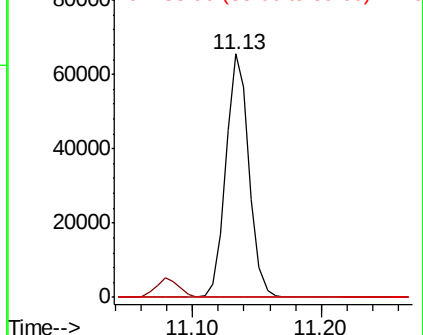
89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#84

1,2,4-Trimethylbenzene

Concen: 2.223 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX009096.D

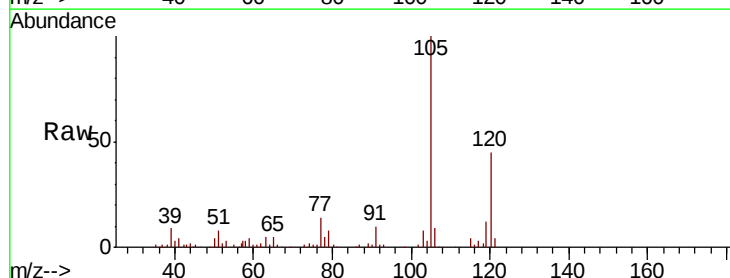
Acq: 22 Apr 2019 14:49

Tgt Ion:105 Resp: 20312

Ion Ratio Lower Upper

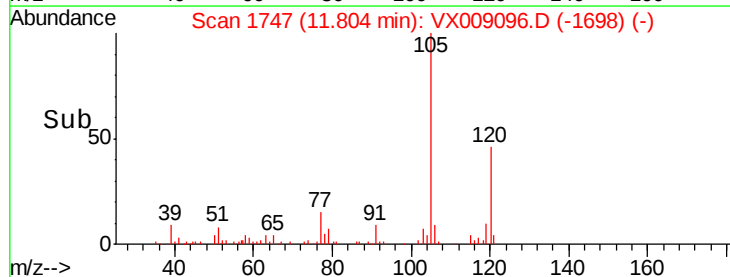
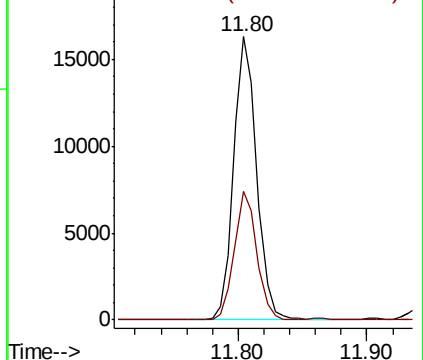
105 100

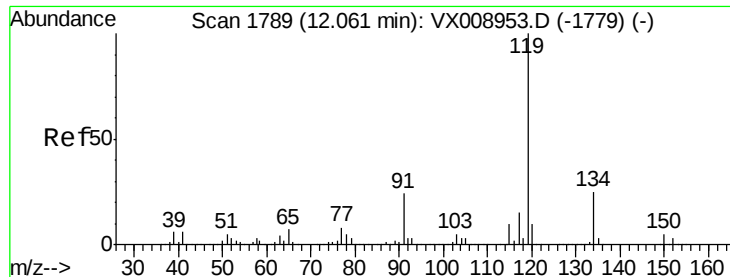
120 44.1 21.9 65.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

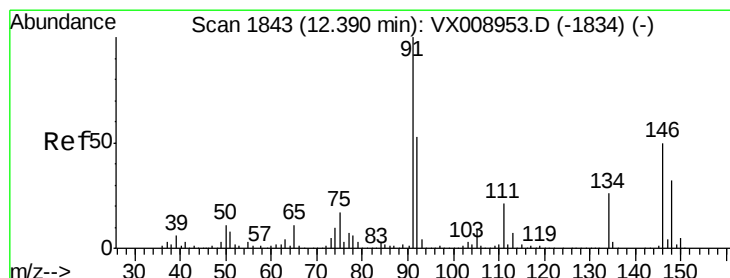
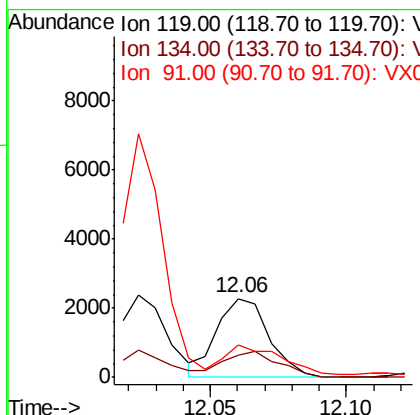
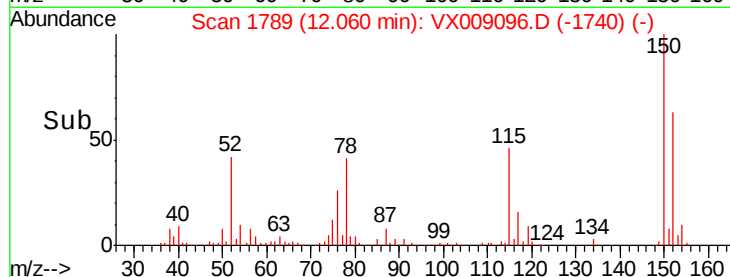
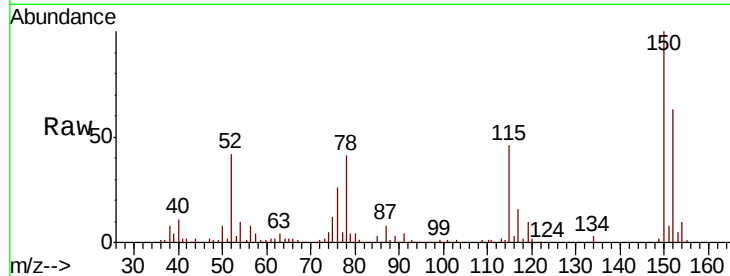




#86
p-Isopropyltoluene
Concen: 0.321 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX009096.D
Acq: 22 Apr 2019 14:49

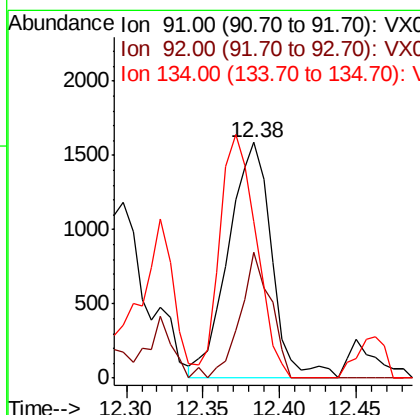
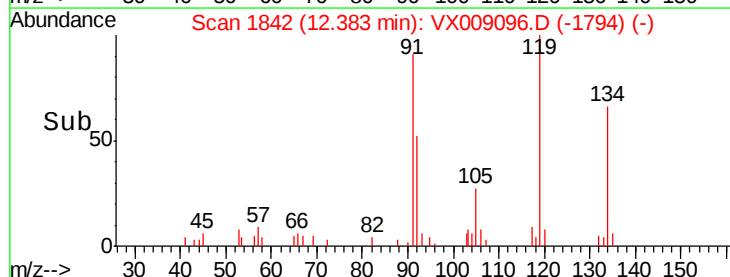
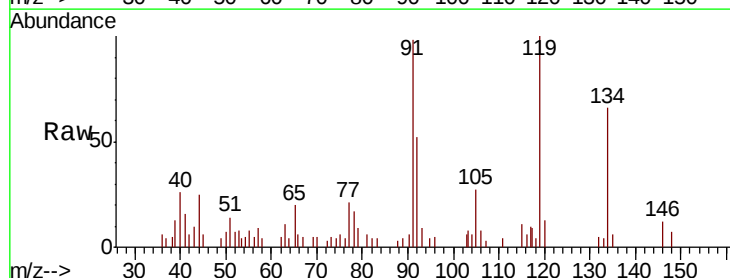
Instrument :
MSVOA_X
ClientSampleId :
P041919

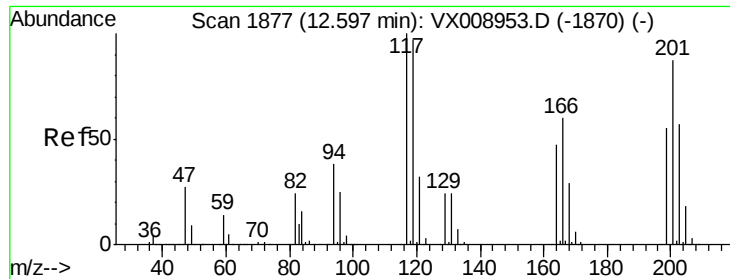
Tot Ion:119 Resp: 3034
Ion Ratio Lower Upper
119 100
134 35.9 12.9 38.6
91 43.6 11.9 35.5#



#89
n-Butylbenzene
Concen: 0.353 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX009096.D
Acq: 22 Apr 2019 14:49

Tgt Ion: 91 Resp: 3110
Ion Ratio Lower Upper
91 100
92 37.7 26.6 79.8
134 87.1 12.4 37.2#





#90

Hexachloroethane

Concen: 0.437 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX009096.D

Acq: 22 Apr 2019 14:49

Instrument :

MSVOA_X

ClientSampleId :

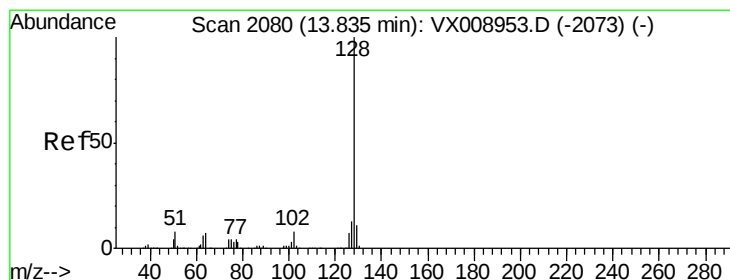
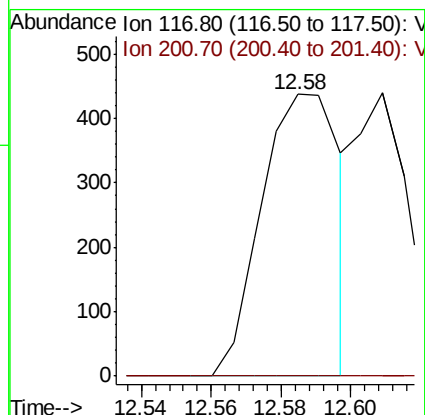
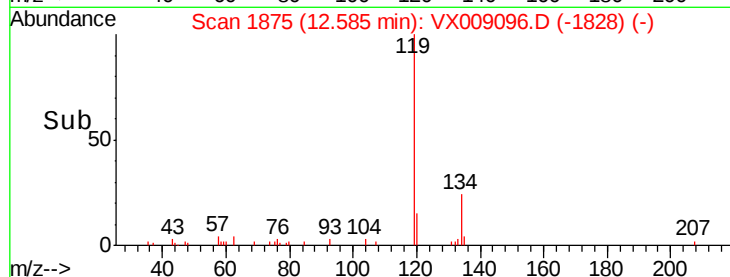
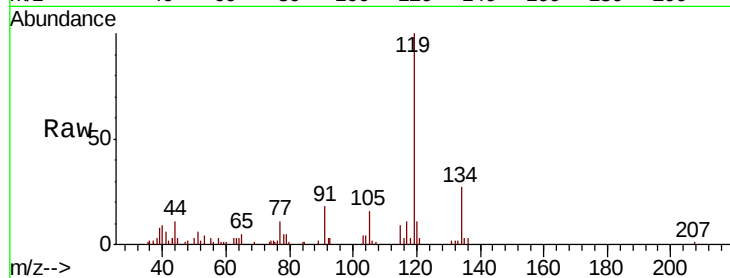
P041919

Tot Ion:117 Resp: 682

Ion Ratio Lower Upper

117 100

201 0.0 43.0 129.0#



#95

Naphthalene

Concen: 4.375 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009096.D

Acq: 22 Apr 2019 14:49

Tgt Ion:128 Resp: 47201

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 12.0 8.6 13.0

