

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061219\
 Data File : VX010258.D
 Acq On : 12 Jun 2019 18:08
 Operator : JC/SP
 Sample : K3309-03 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 13 01:28:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	323204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	485599	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	442428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	212528	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	145573	46.14	ug/l	0.00
Spiked Amount			Recovery	=	92.28%	
35) Dibromofluoromethane	5.50	113	148103	49.45	ug/l	0.00
Spiked Amount			Recovery	=	98.90%	
50) Toluene-d8	8.71	98	573588	51.10	ug/l	0.00
Spiked Amount			Recovery	=	102.20%	
62) 4-Bromofluorobenzene	11.13	95	195034	46.52	ug/l	0.00
Spiked Amount			Recovery	=	93.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	970	0.328	ug/l	91
4) Vinyl Chloride	1.41	62	157783	56.842	ug/l	99
6) Chloroethane	1.73	64	4754	3.397	ug/l	94
8) Diethyl Ether	2.18	74	435	0.306	ug/l #	32
11) Tert butyl alcohol	3.02	59	9166	11.860	ug/l #	80
13) Acrolein	2.31	56	188	1.334	ug/l #	82
16) Acetone	2.44	43	49431	33.313	ug/l	94
20) Methylene Chloride	2.86	84	1097	0.337	ug/l #	76
21) trans-1,2-Dichloroethene	3.17	96	814	0.253	ug/l #	43
24) 1,1-Dichloroethane	3.70	63	138286	27.184	ug/l	95
25) 2-Butanone	4.67	43	633408	286.664	ug/l #	81
27) cis-1,2-Dichloroethene	4.60	96	13244	3.706	ug/l	70
29) Tetrahydrofuran	5.13	42	8185	5.894	ug/l #	62
36) 1,1-Dichloropropene	5.67	75	19212	4.849	ug/l #	52
37) Ethyl Acetate	4.67	43	633408	153.662	ug/l #	71
38) Carbon Tetrachloride	5.67	117	28310	6.313	ug/l #	15
40) Benzene	6.14	78	3807	0.311	ug/l #	90
41) Methacrylonitrile	5.13	41	16487	7.394	ug/l #	51
49) 1,4-Dioxane	7.74	88	30733	334.424	ug/l #	75
51) 4-Methyl-2-Pentanone	8.64	43	181345	44.044	ug/l	90
52) Toluene	8.79	92	875358	108.702	ug/l	100
53) t-1,3-Dichloropropene	8.78	75	9158	1.845	ug/l #	1
56) Ethyl methacrylate	9.09	69	5535	1.062	ug/l #	88
65) Chlorobenzene	10.13	112	9954	1.090	ug/l	97
67) Ethyl Benzene	10.25	91	13606	0.875	ug/l	93
68) m/p-Xylenes	10.36	106	12211	2.030	ug/l	79
69) o-Xylene	10.69	106	5248	0.878	ug/l	88
76) 1,2,3-Trichloropropane	11.13	75	90280	21.238	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	90280	46.923	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	3588	0.284	ug/l	96
86) p-Isopropyltoluene	12.06	119	3519	0.261	ug/l #	70
87) 1,3-Dichlorobenzene	12.02	146	3136	0.436	ug/l	91
88) 1,4-Dichlorobenzene	12.10	146	13914	1.921	ug/l	90
91) 1,2-Dichlorobenzene	12.39	146	67177	9.616	ug/l	96

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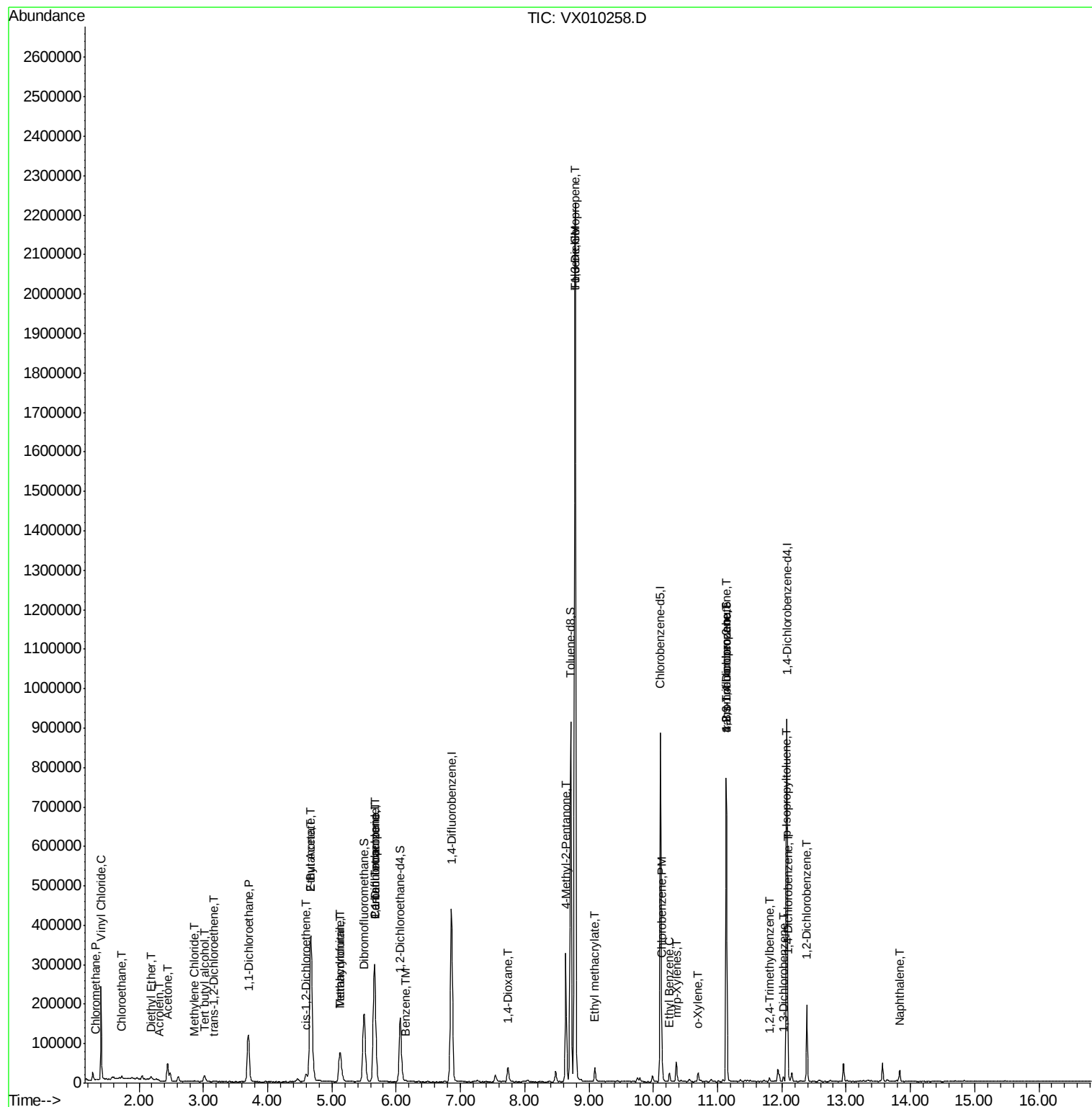
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	18692	1.161	ug/l	99

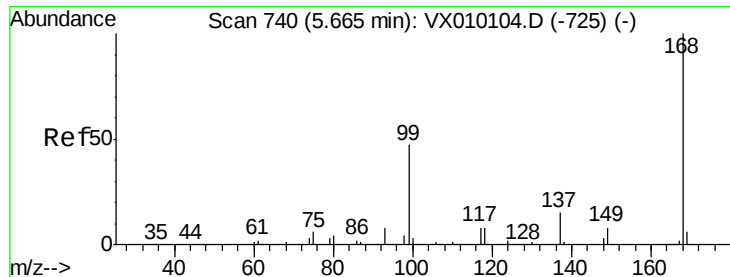
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010258.D

Acq: 12 Jun 2019 18:08

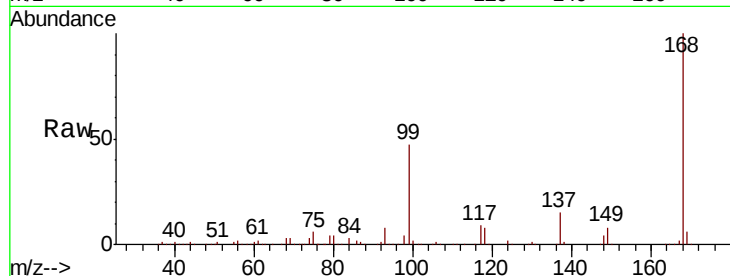
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 323204

Ion Ratio Lower Upper

168 100

99 46.7 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

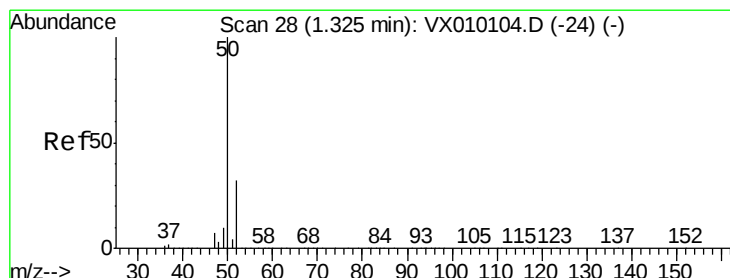
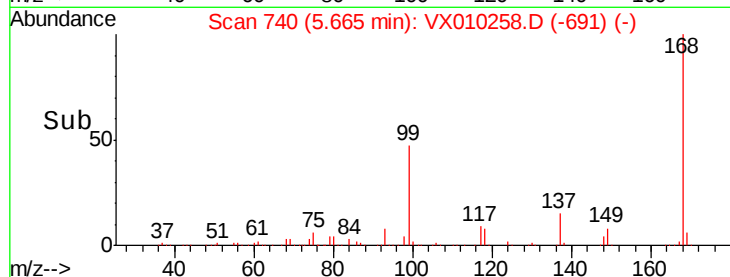
5.67

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.328 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010258.D

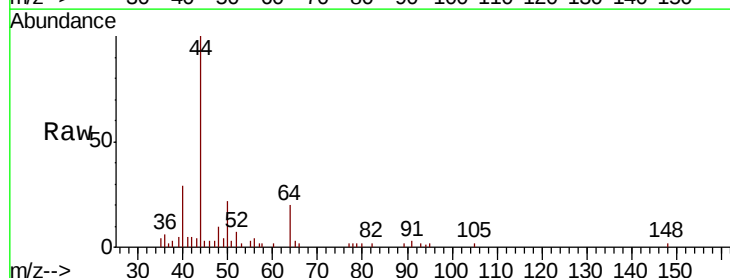
Acq: 12 Jun 2019 18:08

Tgt Ion: 50 Resp: 970

Ion Ratio Lower Upper

50 100

52 27.4 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

1000

800

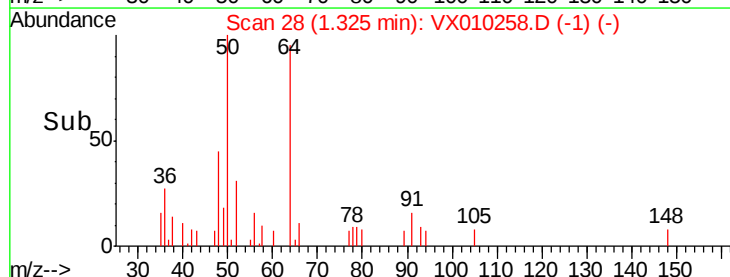
600

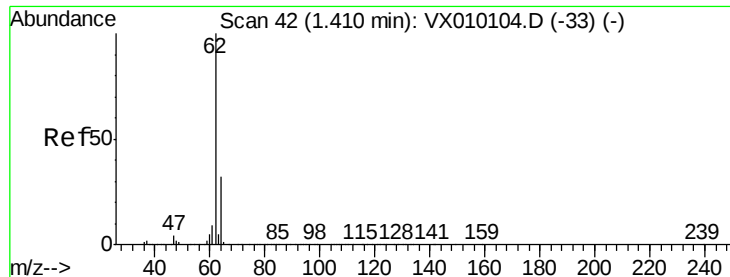
400

200

0

Time-->





#4

Vinyl Chloride

Concen: 56.842 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010258.D

Acq: 12 Jun 2019 18:08

Instrument :

MSVOA_X

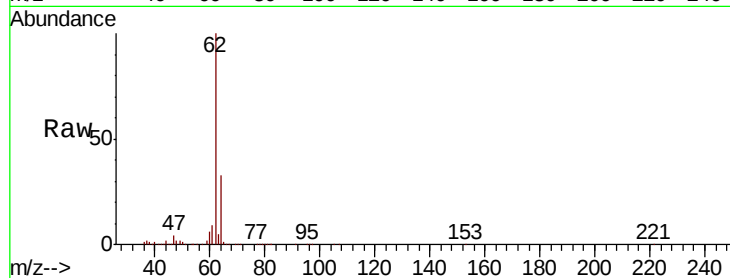
ClientSampleId :

Tot Ion: 62 Resp: 157783

Ion Ratio Lower Upper

62 100

64 32.5 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

150000

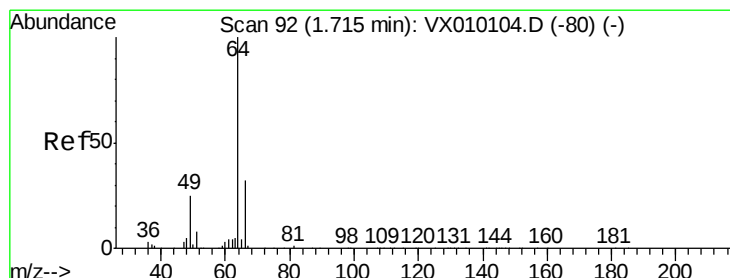
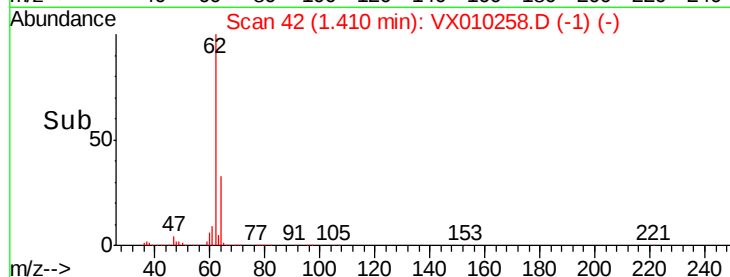
100000

50000

0

1.35 1.40 1.45 1.50

Time-->



#6

Chloroethane

Concen: 3.397 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX010258.D

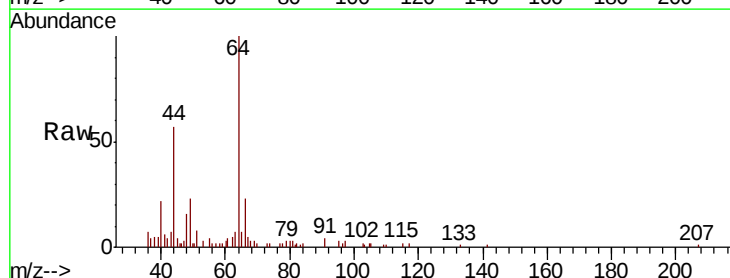
Acq: 12 Jun 2019 18:08

Tgt Ion: 64 Resp: 4754

Ion Ratio Lower Upper

64 100

66 27.8 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

5000

4000

3000

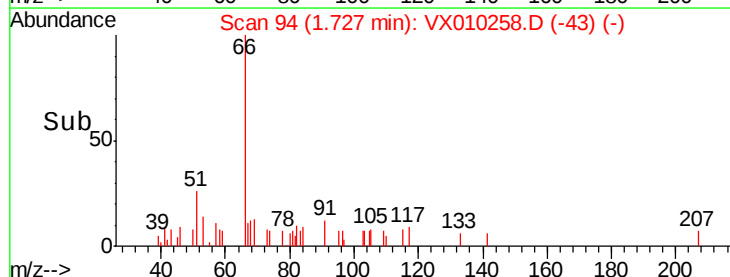
2000

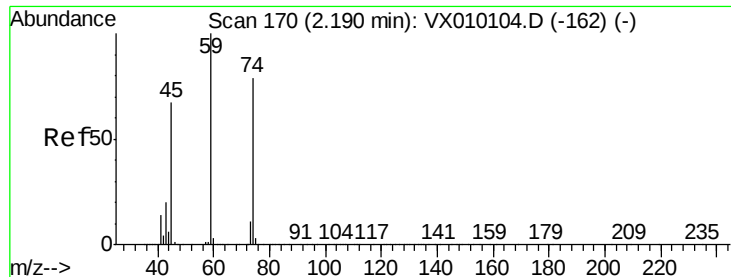
1000

0

1.70 1.75 1.80

Time-->





#8

Diethyl Ether

Concen: 0.306 ug/l

RT: 2.18 min Scan# 169

Delta R.T. -0.01 min

Lab File: VX010258.D

Acq: 12 Jun 2019 18:08

Instrument :

MSVOA_X

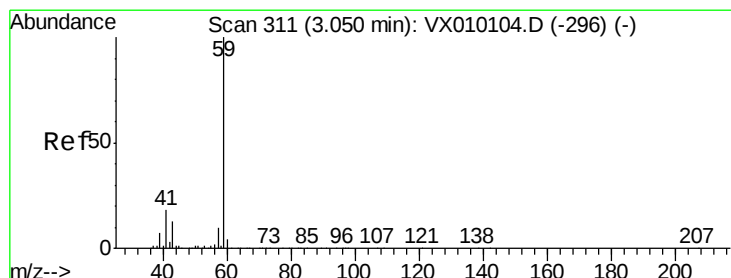
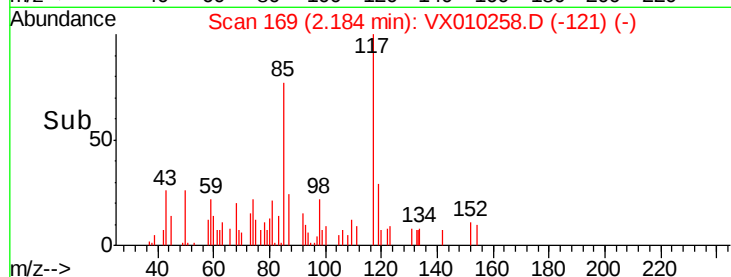
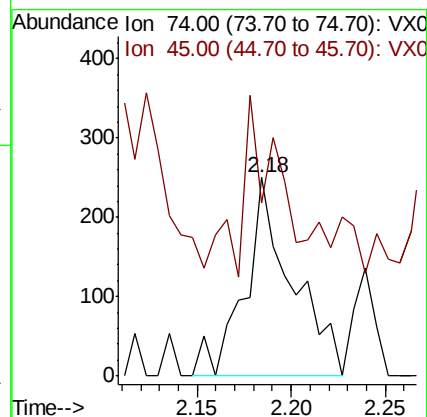
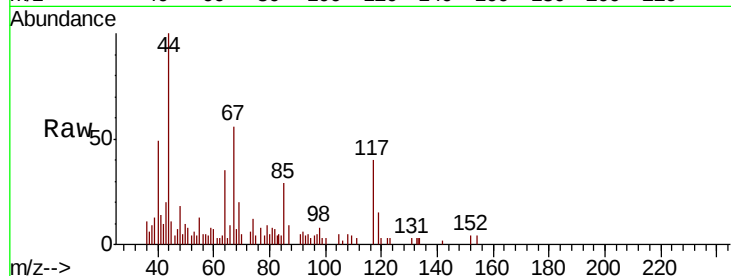
ClientSampleId :

Tot Ion: 74 Resp: 435

Ion Ratio Lower Upper

74 100

45 39.5 56.1 168.3#



#11

Tert butyl alcohol

Concen: 11.860 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.03 min

Lab File: VX010258.D

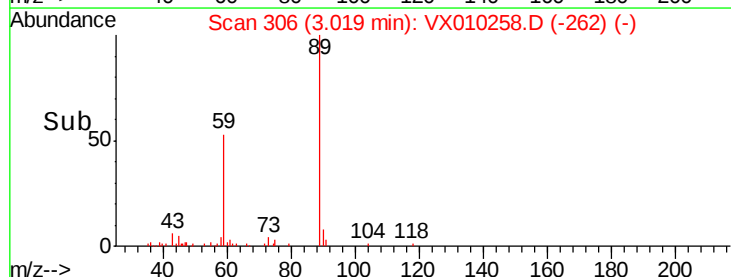
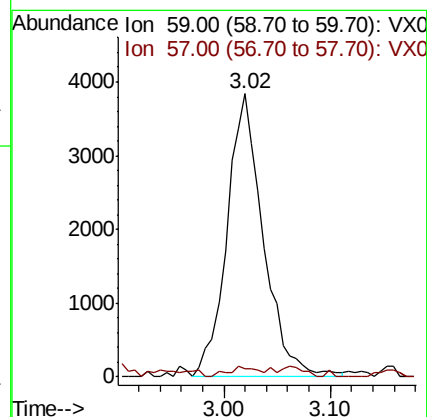
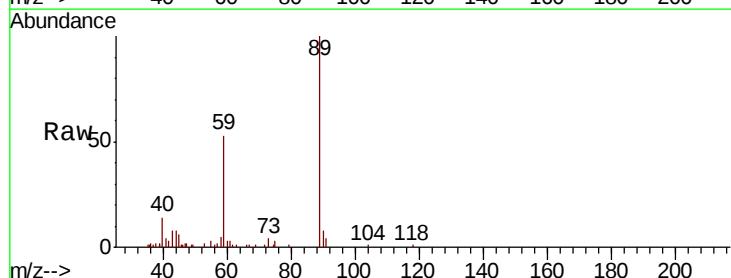
Acq: 12 Jun 2019 18:08

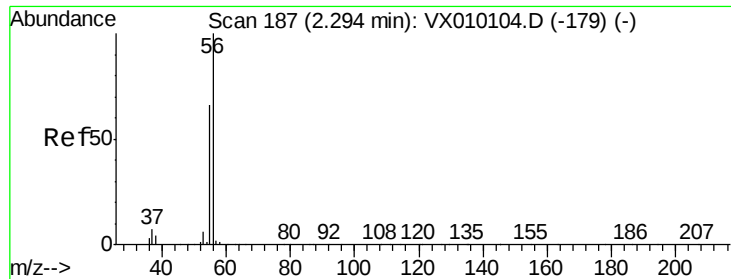
Tgt Ion: 59 Resp: 9166

Ion Ratio Lower Upper

59 100

57 2.9 8.2 12.2#





#13

Acrolein

Concen: 1.334 ug/l

RT: 2.31 min Scan# 190

Delta R.T. 0.02 min

Lab File: VX010258.D

Acq: 12 Jun 2019 18:08

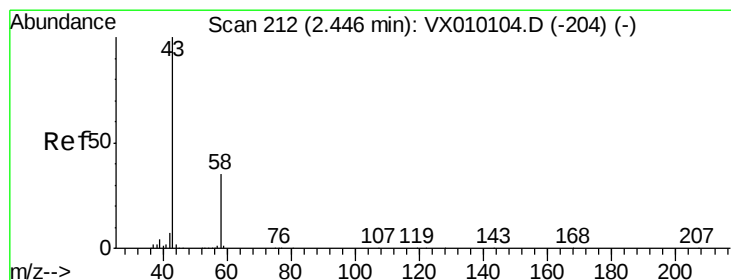
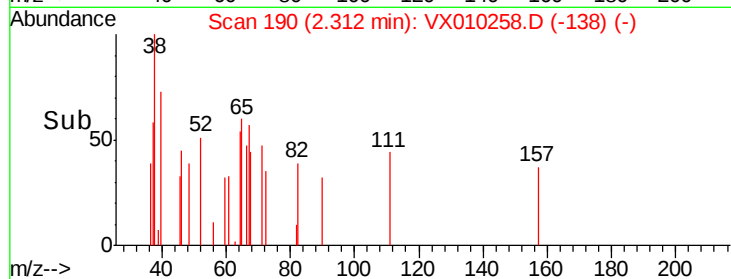
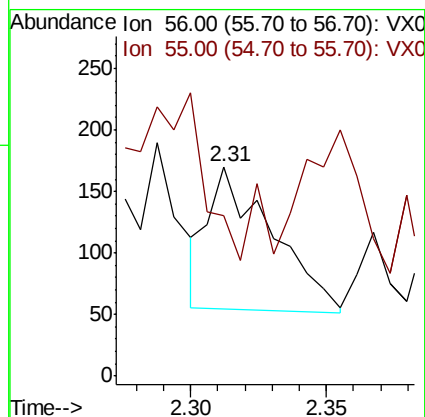
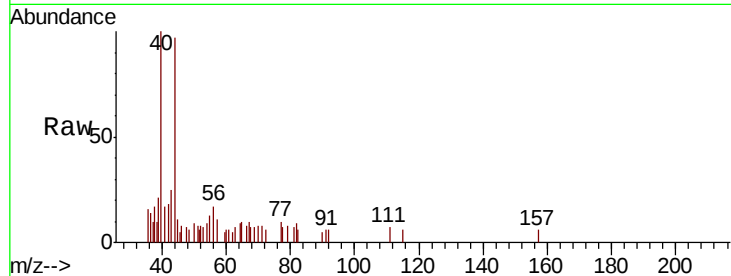
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 188

Ion Ratio Lower Upper

56 100

55 86.2 57.0 85.4#



#16

Acetone

Concen: 33.313 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010258.D

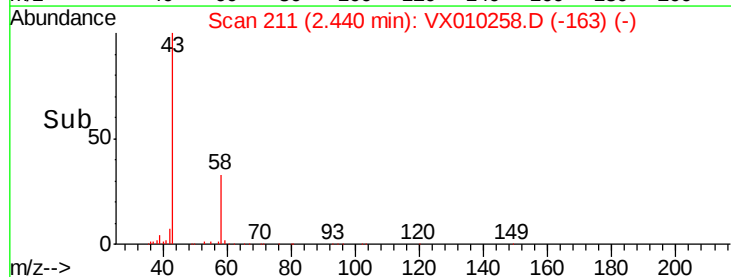
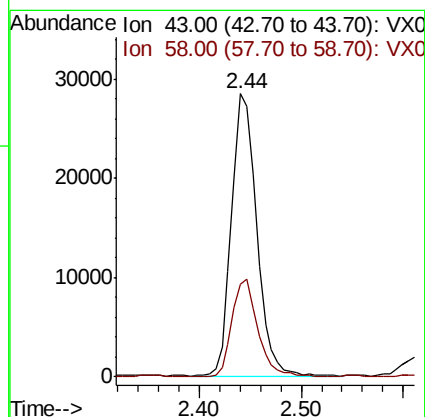
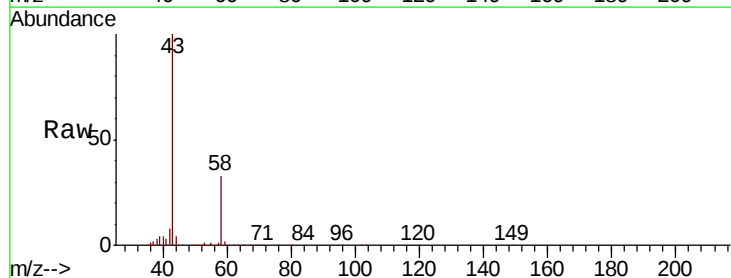
Acq: 12 Jun 2019 18:08

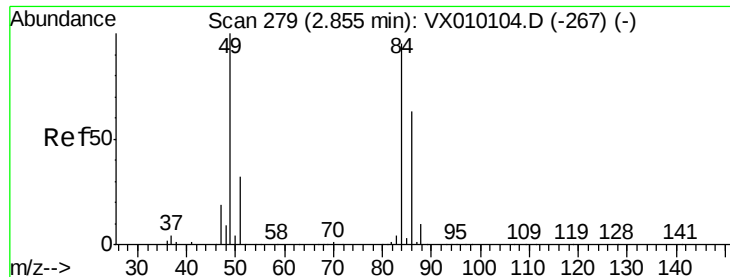
Tgt Ion: 43 Resp: 49431

Ion Ratio Lower Upper

43 100

58 32.4 23.2 34.8

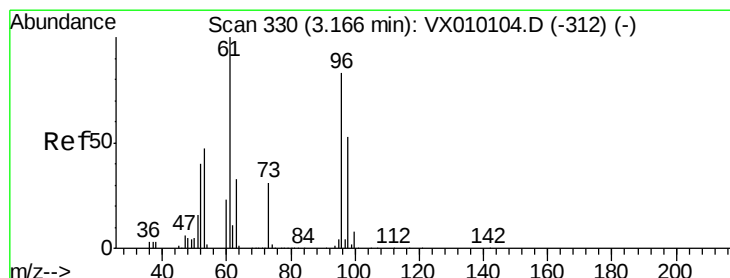
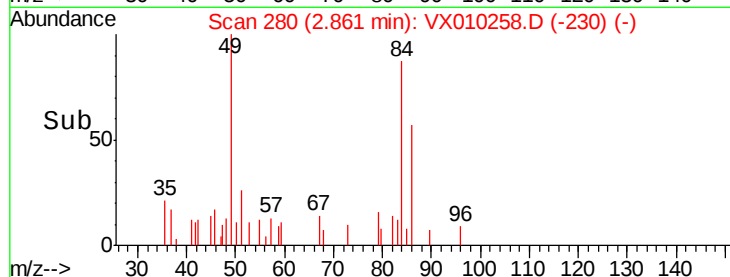
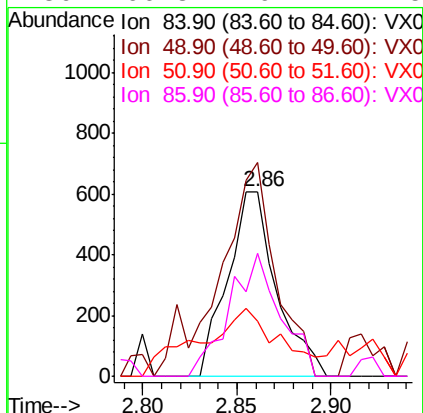
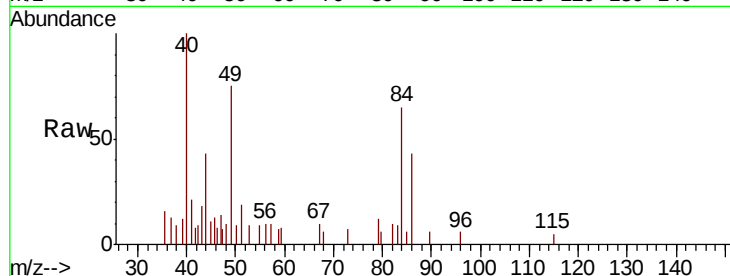




#20
Methvlene Chloride
Concen: 0.337 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010258.D
Acq: 12 Jun 2019 18:08

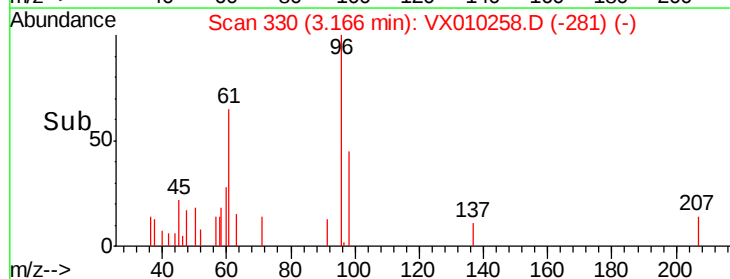
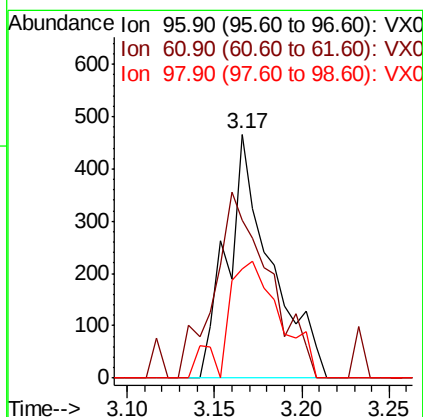
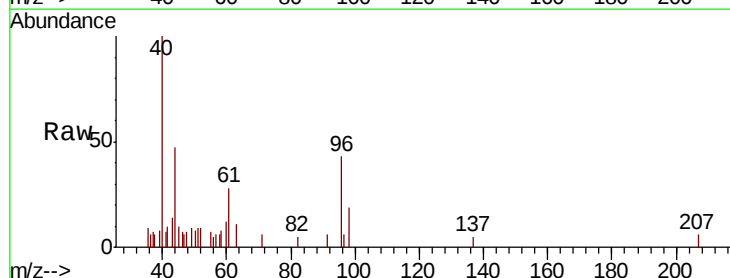
Instrument :
MSVOA_X
ClientSampled :

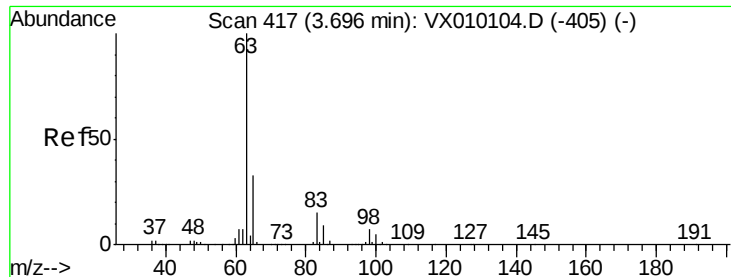
Tot Ion:	84	Resp:	1097
Ion	Ratio	Lower	Upper
84	100		
49	115.6	115.8	173.6#
51	10.3	34.4	51.6#
86	66.3	49.7	74.5



#21
trans-1,2-Dichloroethene
Concen: 0.253 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX010258.D
Acq: 12 Jun 2019 18:08

Tgt Ion:	96	Resp:	814
Ion	Ratio	Lower	Upper
96	100		
61	65.0	125.7	188.5#
98	45.1	49.0	73.6#





#24

1,1-Dichloroethane

Concen: 27.184 ug/l

RT: 3.70 min Scan# 417

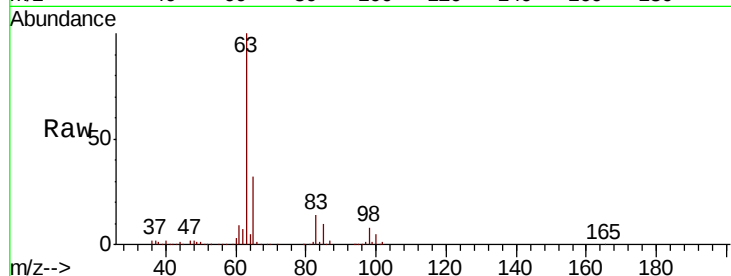
Delta R.T. 0.00 min

Lab File: VX010258.D

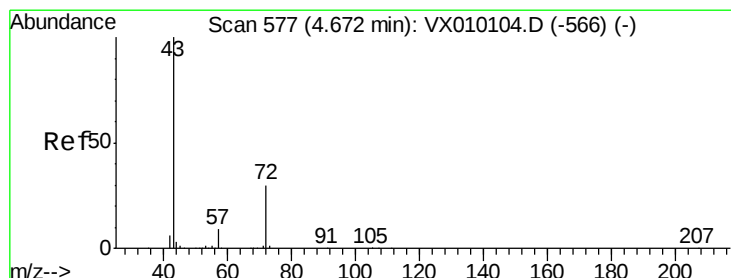
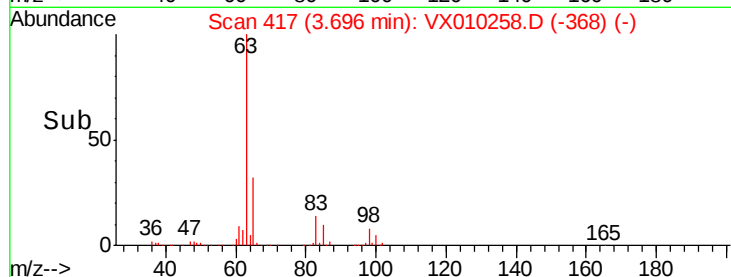
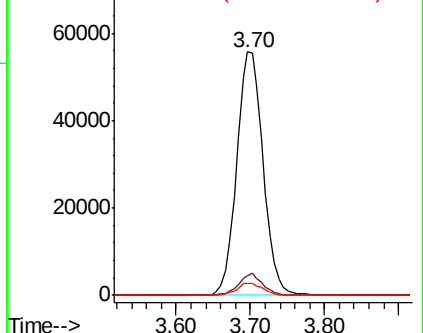
Acq: 12 Jun 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	63	Resp:	138286
Ion	Ratio	Lower	Upper
63	100		
98	7.8	2.9	8.8
100	5.1	1.8	5.4



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#25

2-Butanone

Concen: 286.664 ug/l

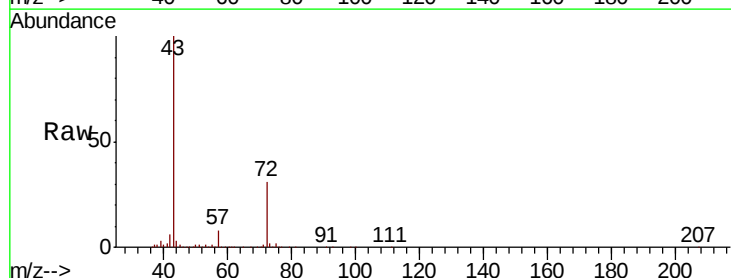
RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

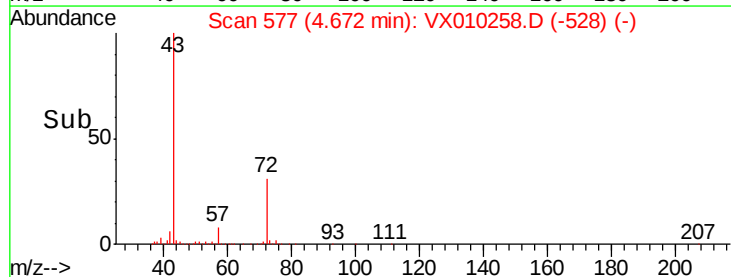
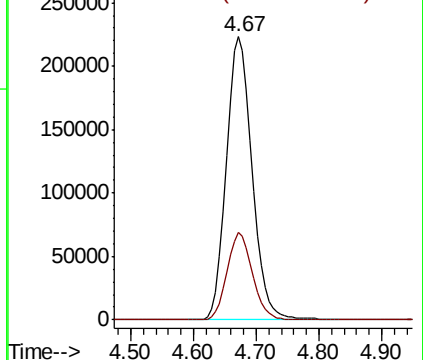
Lab File: VX010258.D

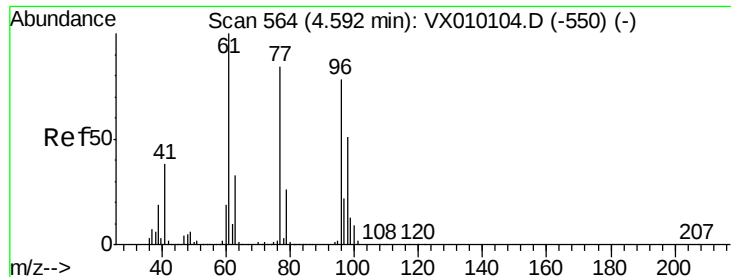
Acq: 12 Jun 2019 18:08

Tgt Ion:	43	Resp:	633408
Ion	Ratio	Lower	Upper
43	100		
72	30.8	17.5	26.3#



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



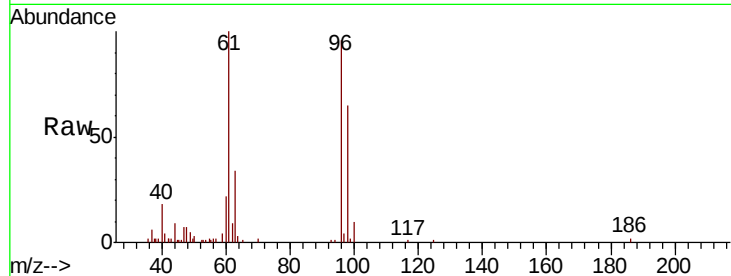


#27

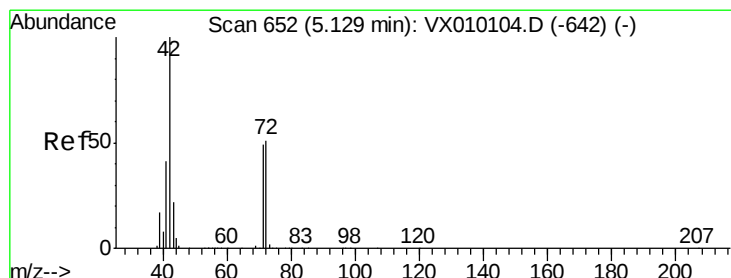
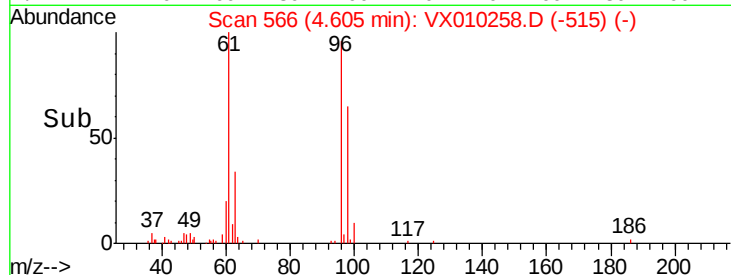
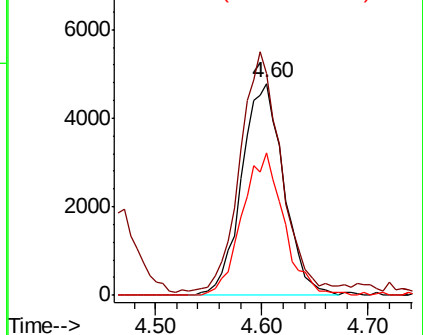
cis-1,2-Dichloroethene
 Concen: 3.706 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX010258.D
 Acq: 12 Jun 2019 18:08

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 96 Resp: 13244
 Ion Ratio Lower Upper
 96 100
 61 111.0 0.0 334.0
 98 66.6 0.0 131.6



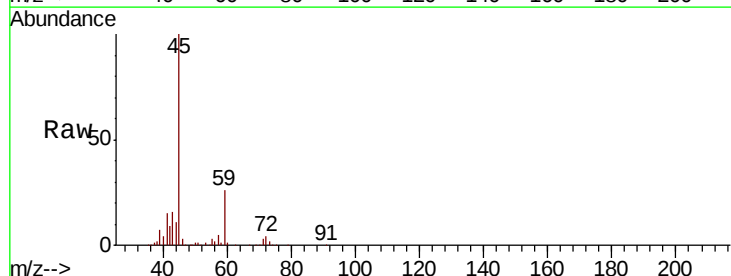
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



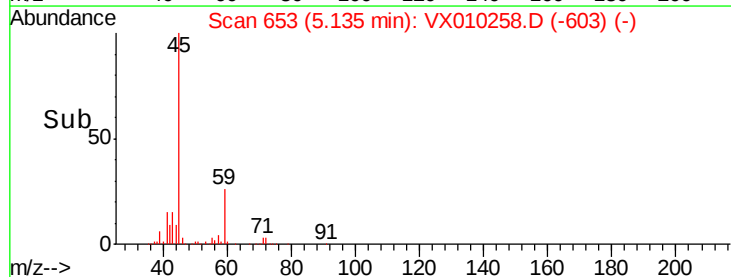
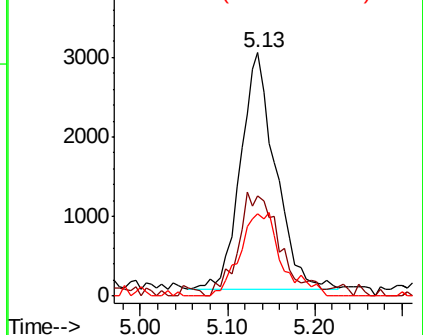
#29

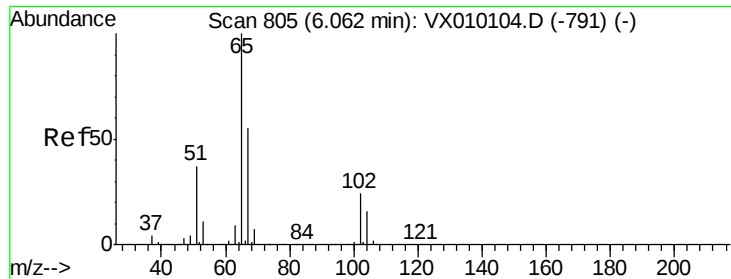
Tetrahydrofuran
 Concen: 5.894 ug/l
 RT: 5.13 min Scan# 653
 Delta R.T. 0.01 min
 Lab File: VX010258.D
 Acq: 12 Jun 2019 18:08

Tgt Ion: 42 Resp: 8185
 Ion Ratio Lower Upper
 42 100
 72 0.0 29.2 43.8#
 71 42.0 27.6 41.4#



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





#33

1,2-Dichloroethane-d4

Concen: 46.143 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010258.D

Acq: 12 Jun 2019 18:08

Instrument :

MSVOA_X

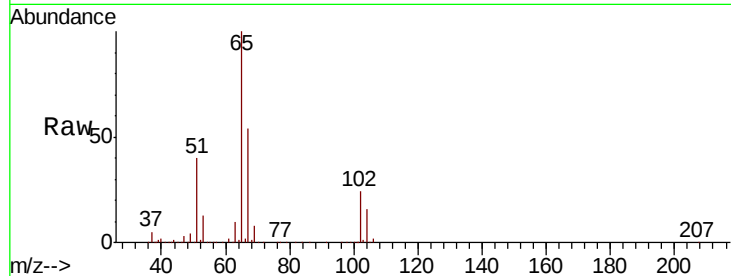
ClientSampleId :

Tot Ion: 65 Resp: 145573

Ion Ratio Lower Upper

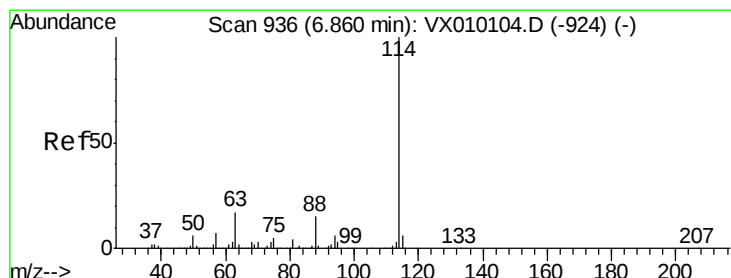
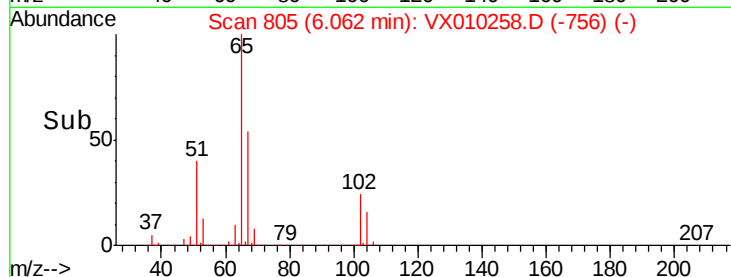
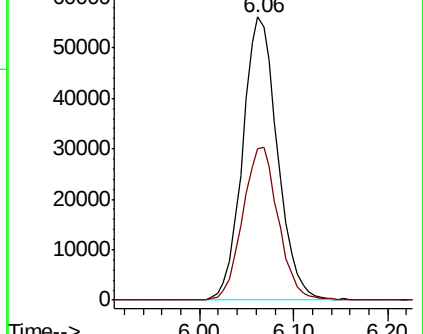
65 100

67 55.2 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010258.D

Acq: 12 Jun 2019 18:08

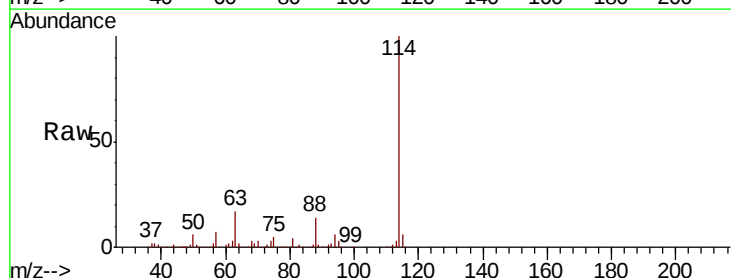
Tgt Ion: 114 Resp: 485599

Ion Ratio Lower Upper

114 100

63 17.1 0.0 47.4

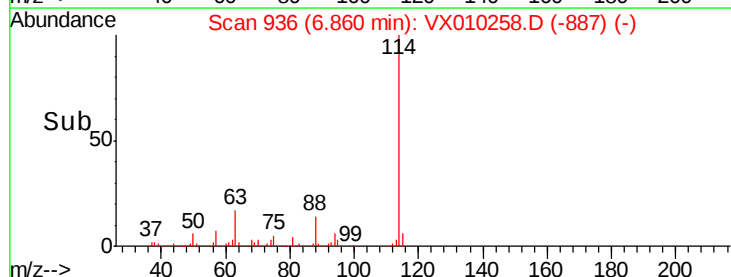
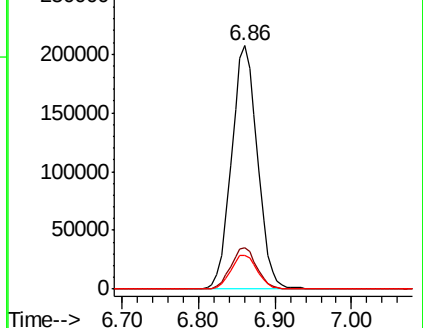
88 14.0 0.0 33.0

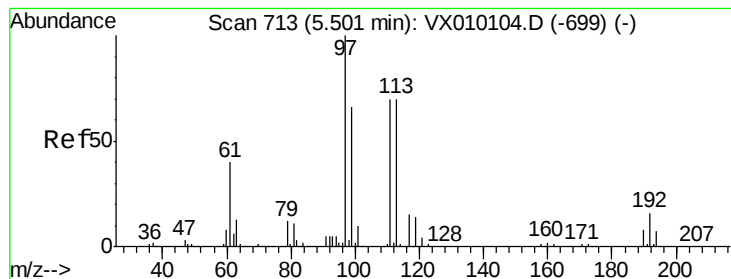


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.445 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010258.D

Acq: 12 Jun 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

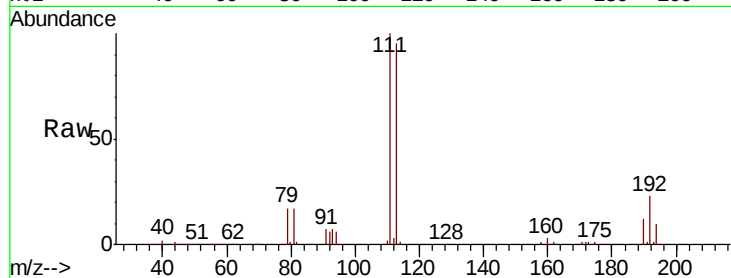
Tot Ion:113 Resp: 148103

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.2

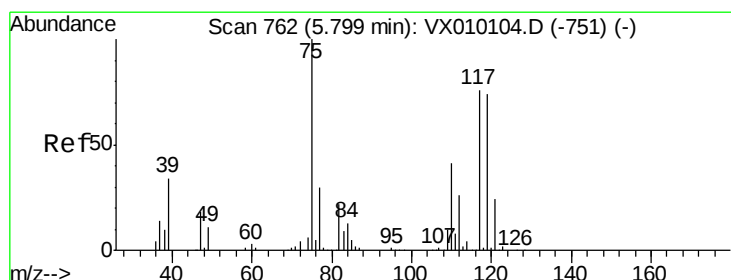
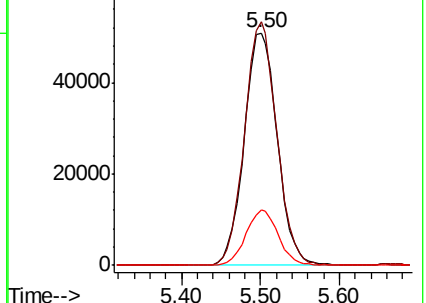
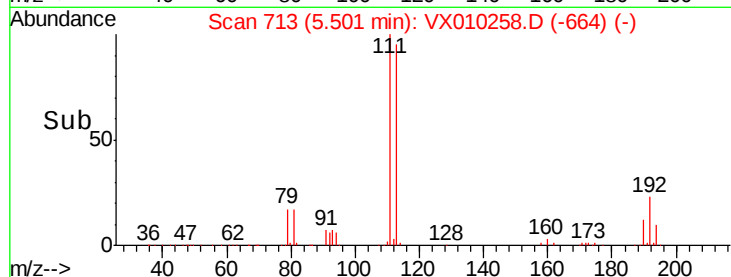
192 23.2 17.1 25.7



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: 4.849 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX010258.D

Acq: 12 Jun 2019 18:08

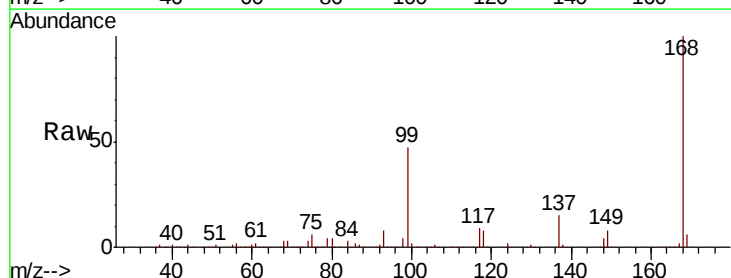
Tgt Ion: 75 Resp: 19212

Ion Ratio Lower Upper

75 100

110 10.7 16.7 50.1#

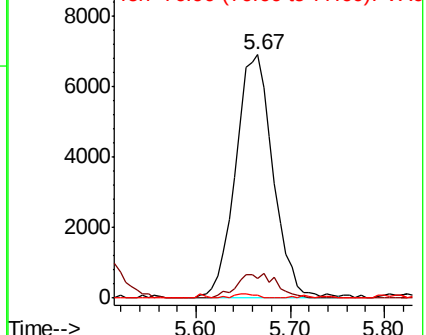
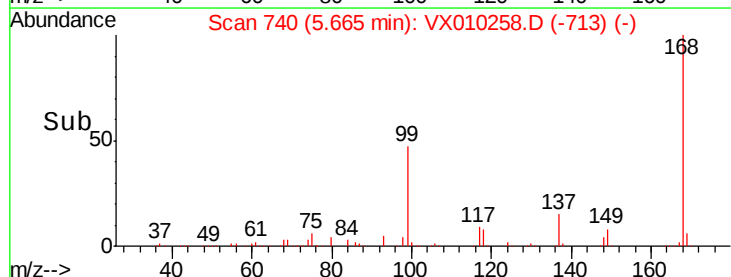
77 0.0 25.0 37.4#

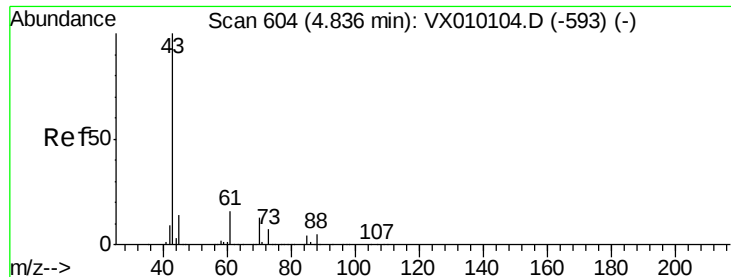


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

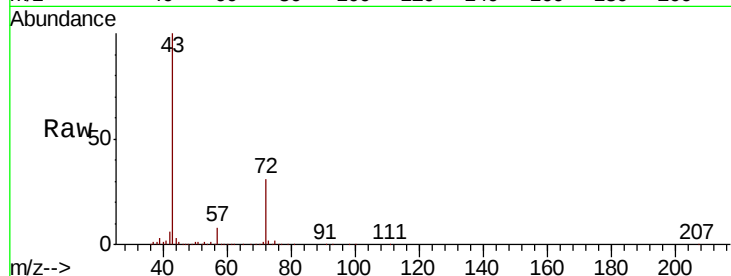




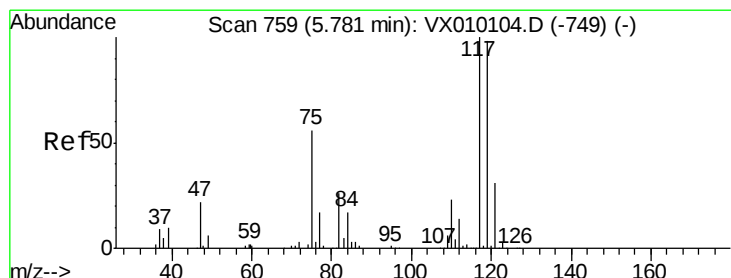
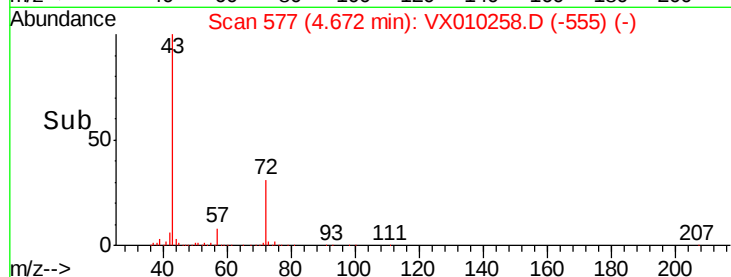
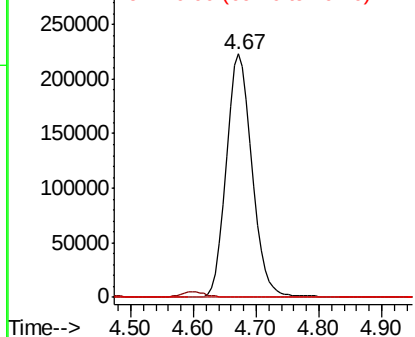
#37
Ethyl Acetate
Concen: 153.662 ug/l
RT: 4.67 min Scan# 577
Delta R.T. -0.16 min
Lab File: VX010258.D
Acq: 12 Jun 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 633408
Ion Ratio Lower Upper
43 100
61 0.0 10.2 15.2#
70 0.0 7.4 11.2#

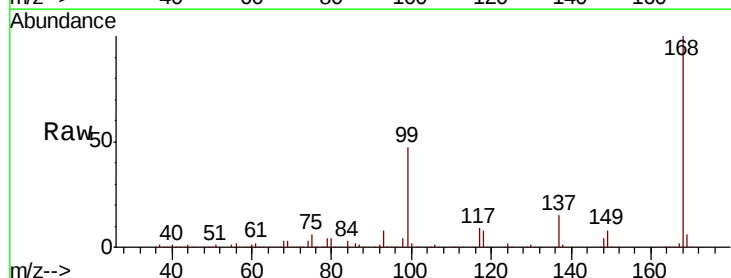


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

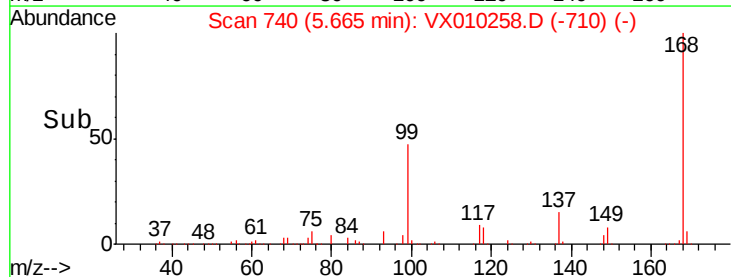
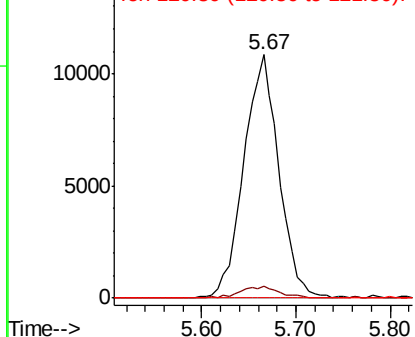


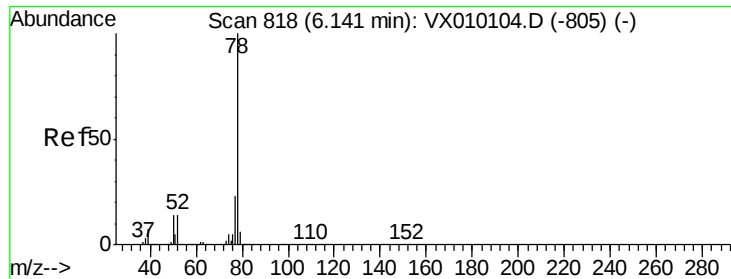
#38
Carbon Tetrachloride
Concen: 6.313 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX010258.D
Acq: 12 Jun 2019 18:08

Tgt Ion: 117 Resp: 28310
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 25.4 38.0#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#40

Benzene

Concen: 0.311 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX010258.D

Acq: 12 Jun 2019 18:08

Instrument :

MSVOA_X

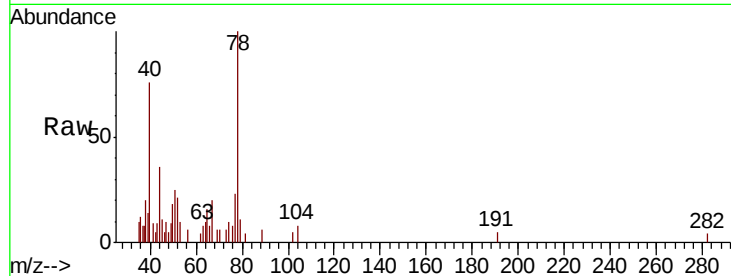
ClientSampled :

Tot Ion: 78 Resp: 3807

Ion Ratio Lower Upper

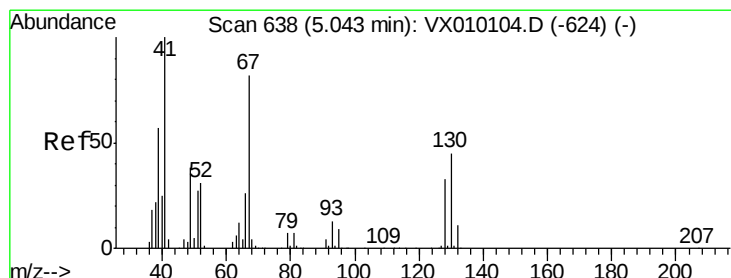
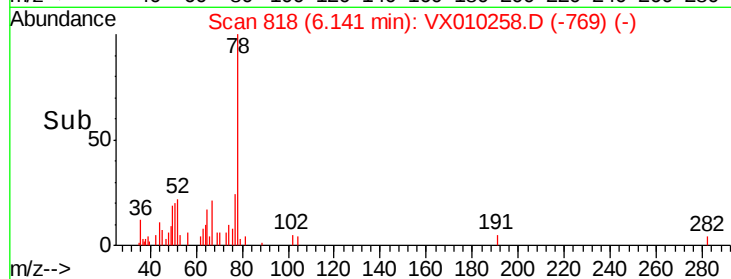
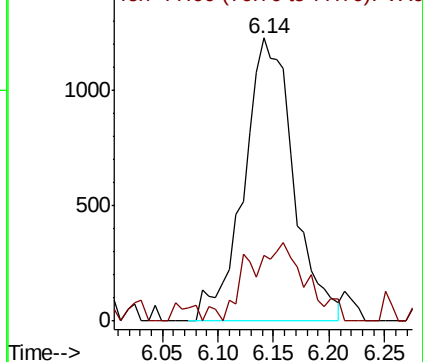
78 100

77 18.9 19.2 28.8#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 7.394 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.09 min

Lab File: VX010258.D

Acq: 12 Jun 2019 18:08

Tgt Ion: 41 Resp: 16487

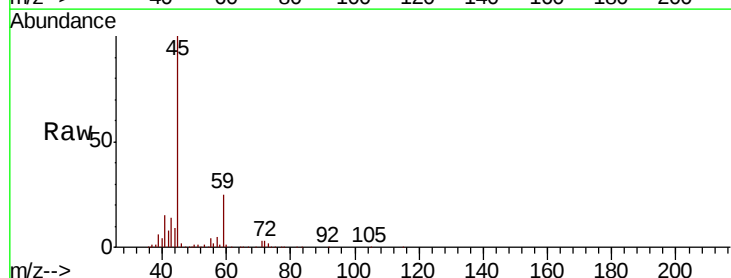
Ion Ratio Lower Upper

41 100

39 42.7 42.2 63.4

67 0.7 48.9 73.3#

52 0.7 20.1 30.1#

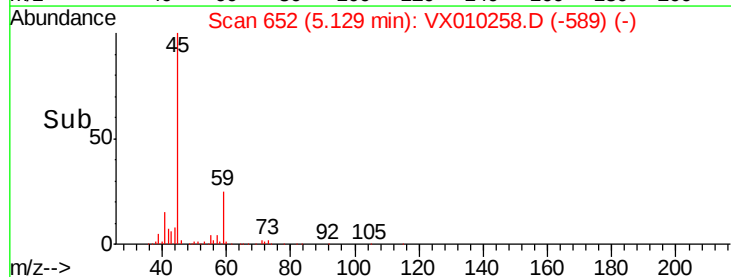
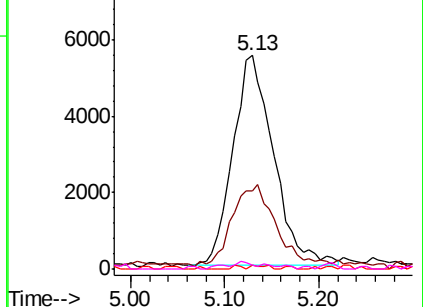


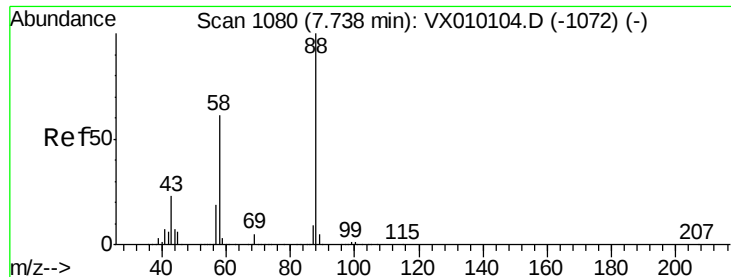
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

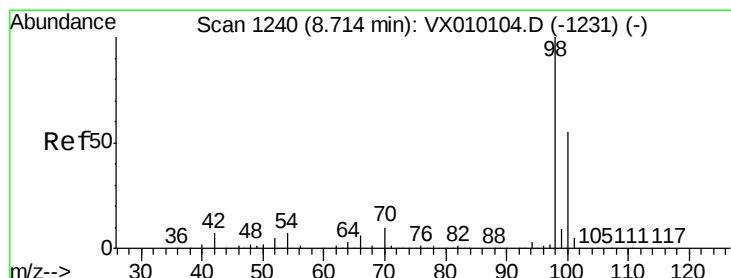
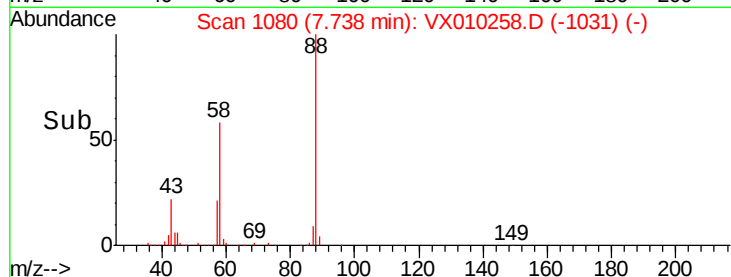
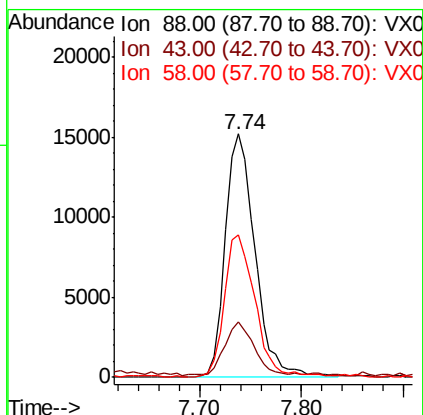
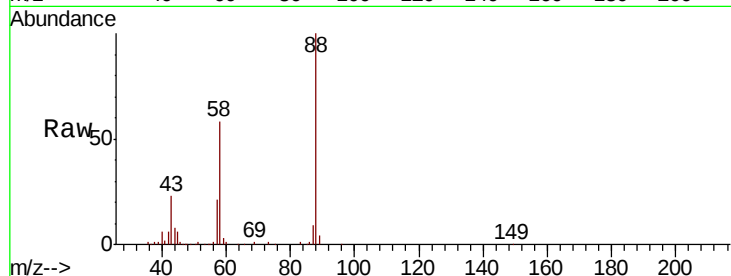




#49
1,4-Dioxane
Concen: 334.424 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010258.D
Acq: 12 Jun 2019 18:08

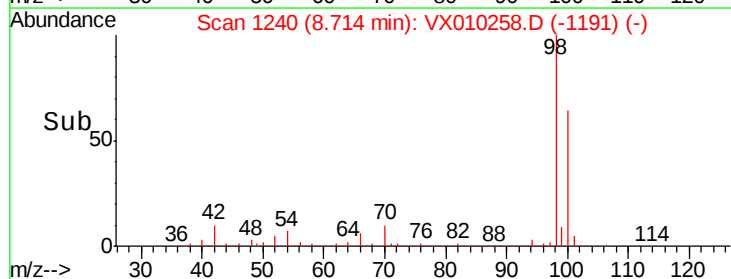
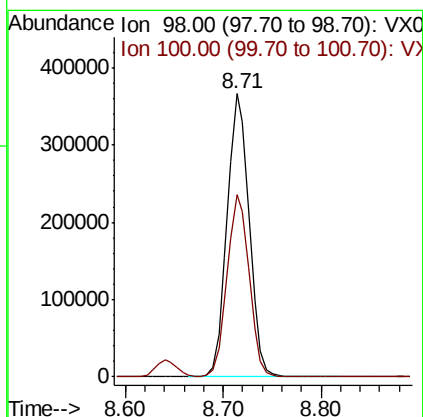
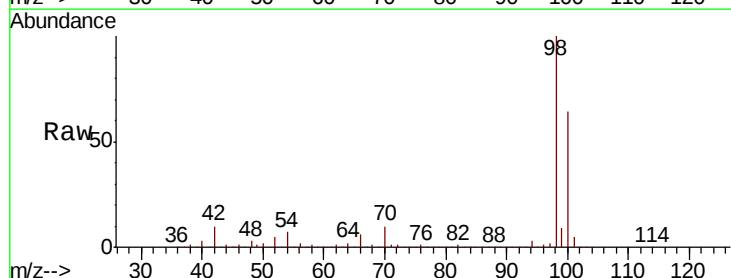
Instrument :
MSVOA_X
ClientSampleId :

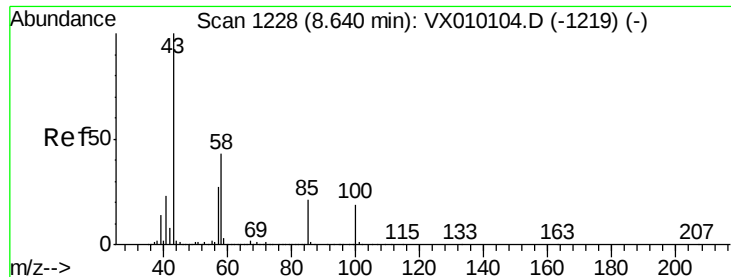
Tot Ion: 88 Resp: 30733
Ion Ratio Lower Upper
88 100
43 20.9 30.2 45.4#
58 59.9 64.0 96.0#



#50
Toluene-d8
Concen: 51.095 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010258.D
Acq: 12 Jun 2019 18:08

Tgt Ion: 98 Resp: 573588
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3

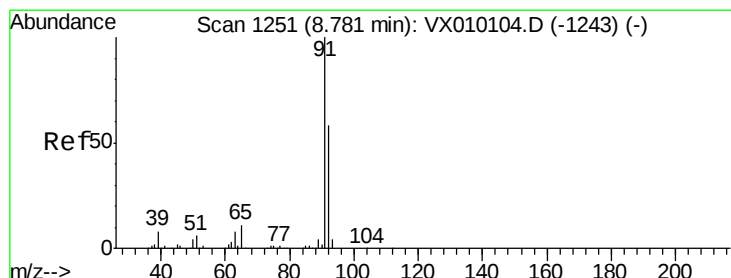
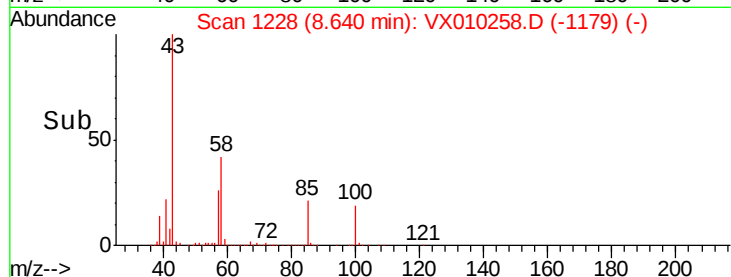
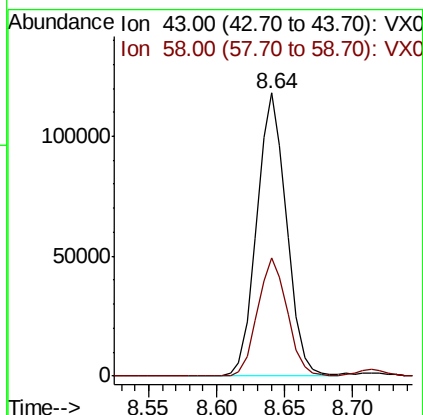
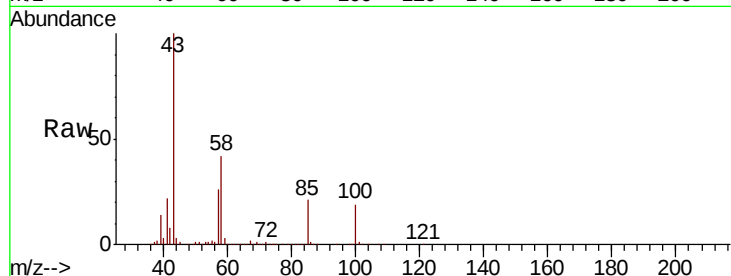




#51
4-Methyl-2-Pentanone
Concen: 44.044 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010258.D
Acq: 12 Jun 2019 18:08

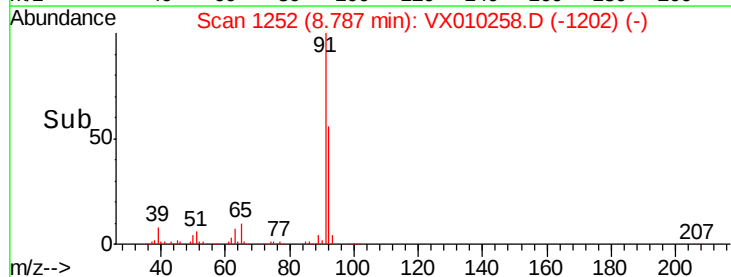
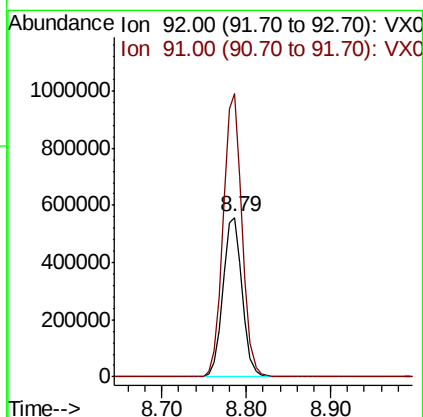
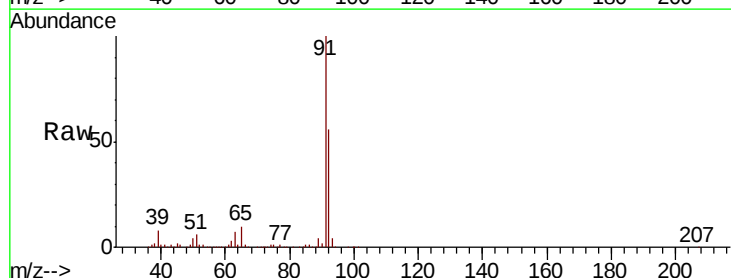
Instrument :
MSVOA_X
ClientSampleId :

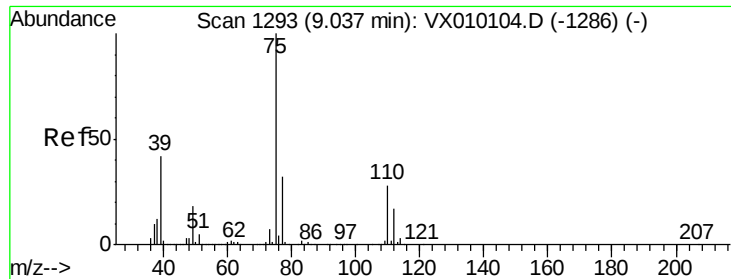
Tot Ion: 43 Resp: 181345
Ion Ratio Lower Upper
43 100
58 41.9 28.8 43.2



#52
Toluene
Concen: 108.702 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX010258.D
Acq: 12 Jun 2019 18:08

Tgt Ion: 92 Resp: 875358
Ion Ratio Lower Upper
92 100
91 174.8 139.9 209.9

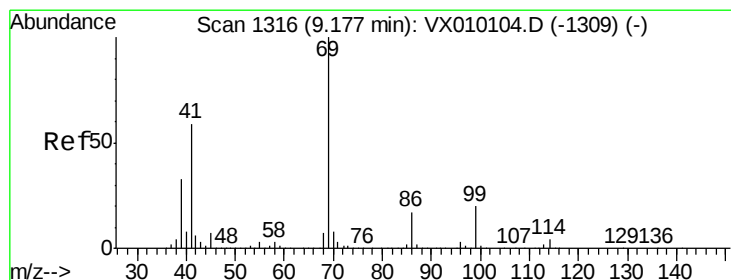
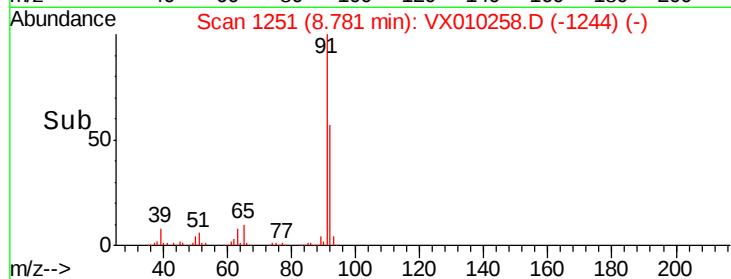
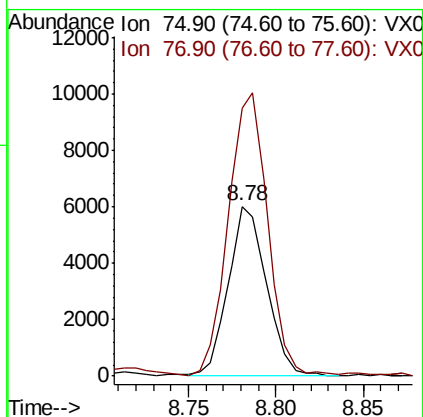
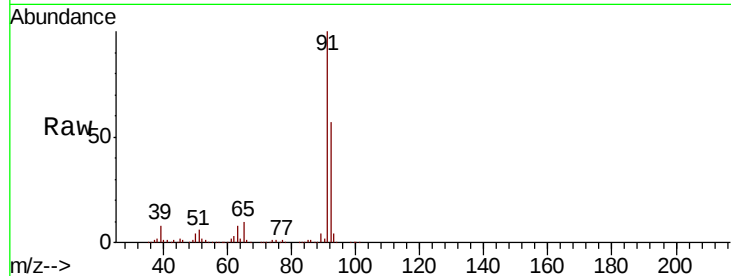




#53
t-1,3-Dichloropropene
Concen: 1.845 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.26 min
Lab File: VX010258.D
Acq: 12 Jun 2019 18:08

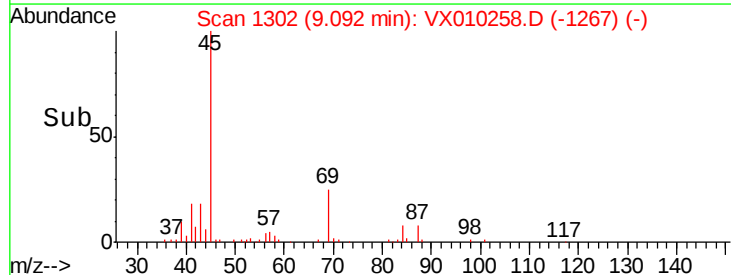
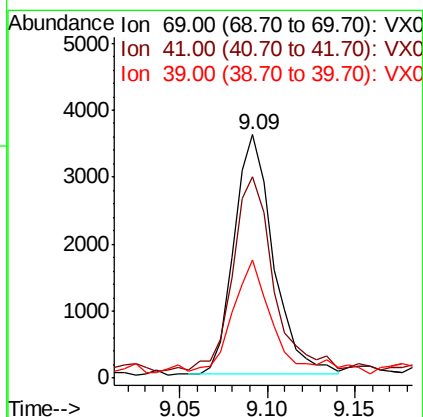
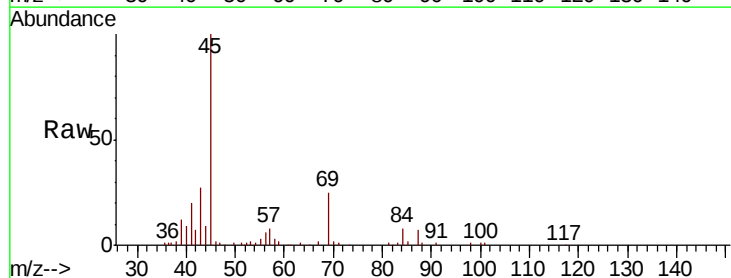
Instrument :
MSVOA_X
ClientSampled :

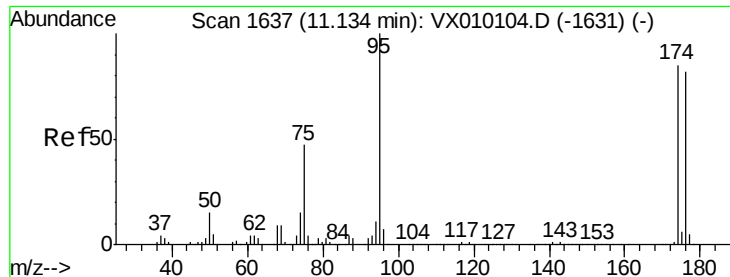
Tot Ion: 75 Resp: 9158
Ion Ratio Lower Upper
75 100
77 158.3 24.6 36.8#



#56
Ethyl methacrylate
Concen: 1.062 ug/l
RT: 9.09 min Scan# 1302
Delta R.T. -0.09 min
Lab File: VX010258.D
Acq: 12 Jun 2019 18:08

Tgt Ion: 69 Resp: 5535
Ion Ratio Lower Upper
69 100
41 85.2 62.7 94.1
39 50.0 29.5 44.3#





#62

4-Bromofluorobenzene

Concen: 46.521 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010258.D

Acq: 12 Jun 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

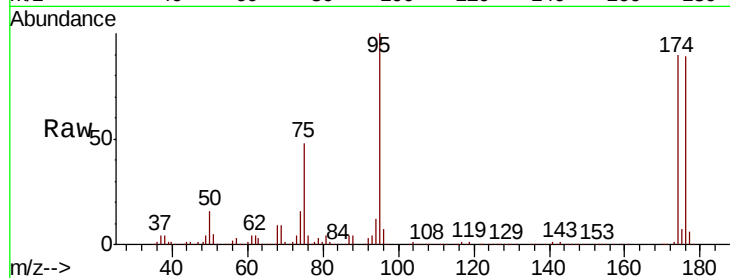
Tot Ion: 95 Resp: 195034

Ion Ratio Lower Upper

95 100

174 94.5 0.0 160.4

176 91.9 0.0 154.6

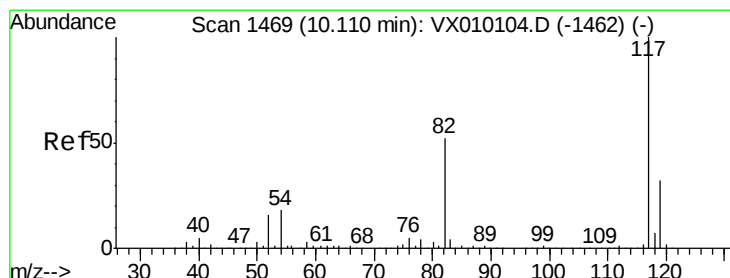
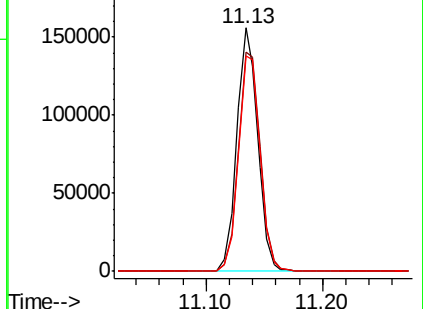
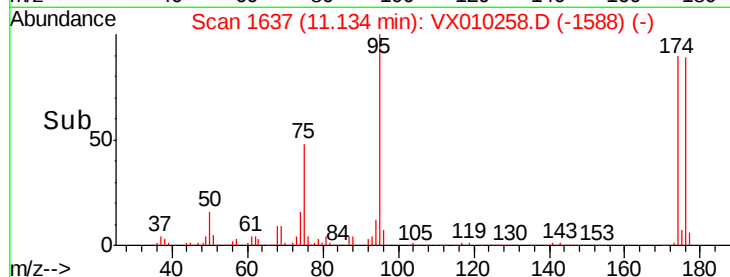


Abundance Ion 94.90 (94.60 to 95.60): VX010104.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010104.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010104.D (-1631) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010258.D

Acq: 12 Jun 2019 18:08

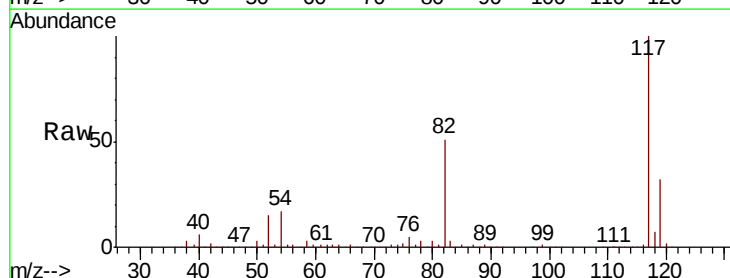
Tgt Ion: 117 Resp: 442428

Ion Ratio Lower Upper

117 100

82 50.6 49.2 73.8

119 31.7 25.2 37.8

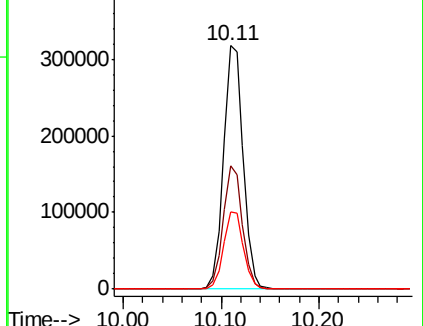
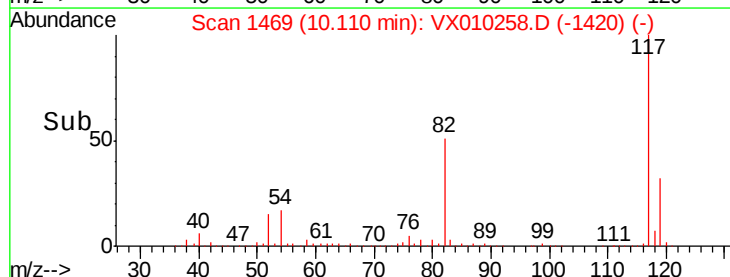


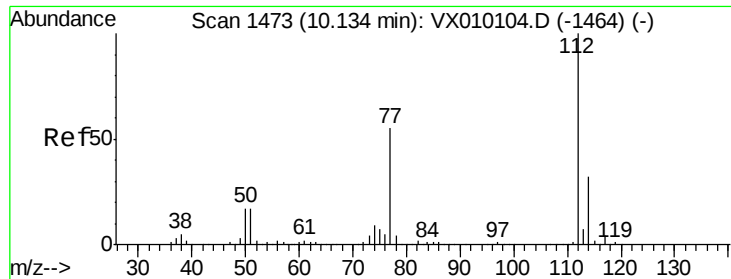
Abundance Ion 116.90 (116.60 to 117.60): VX010104.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010104.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010104.D (-1462) (-)

Time-->

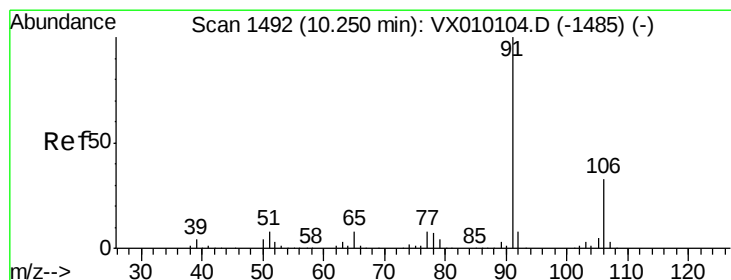
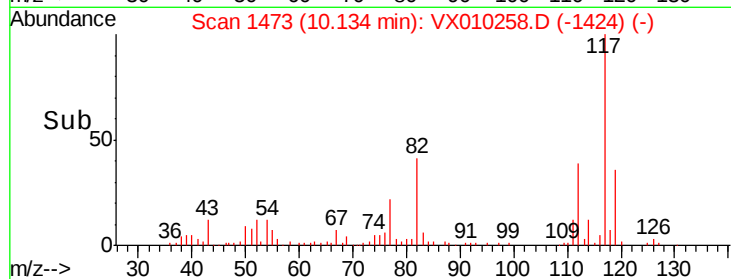
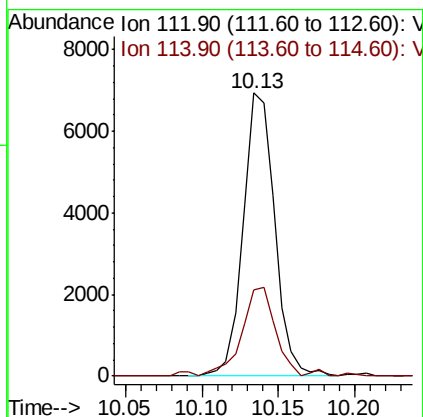
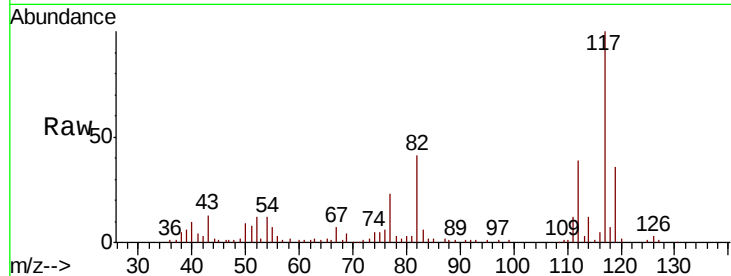




#65
Chlorobenzene
Concen: 1.090 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010258.D
Acq: 12 Jun 2019 18:08

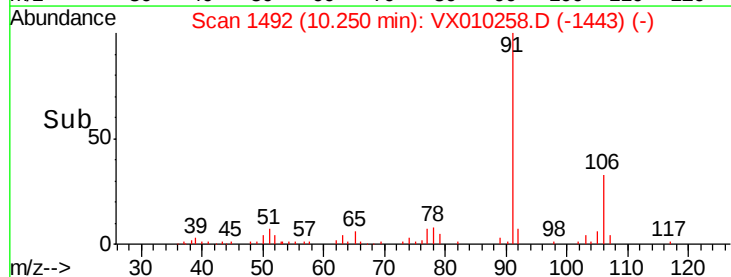
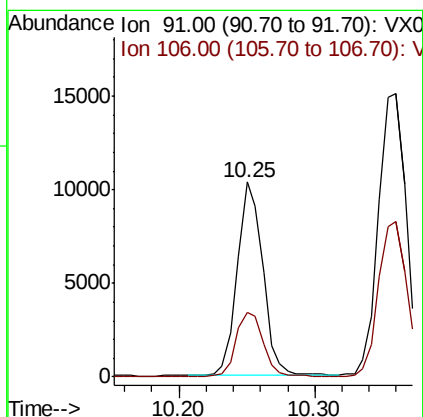
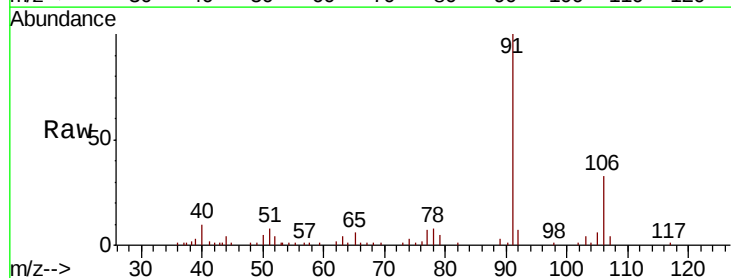
Instrument :
MSVOA_X
ClientSampleId :

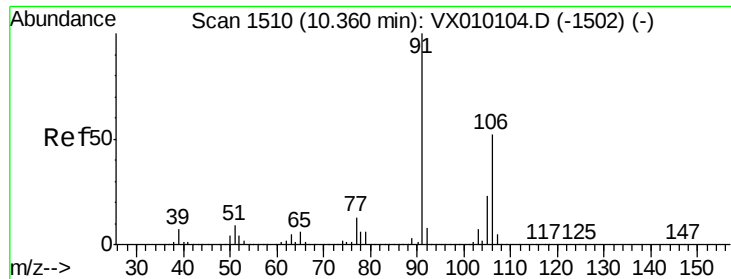
Tot Ion:112 Resp: 9954
Ion Ratio Lower Upper
112 100
114 30.4 25.8 38.8



#67
Ethyl Benzene
Concen: 0.875 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010258.D
Acq: 12 Jun 2019 18:08

Tgt Ion: 91 Resp: 13606
Ion Ratio Lower Upper
91 100
106 33.5 23.9 35.9

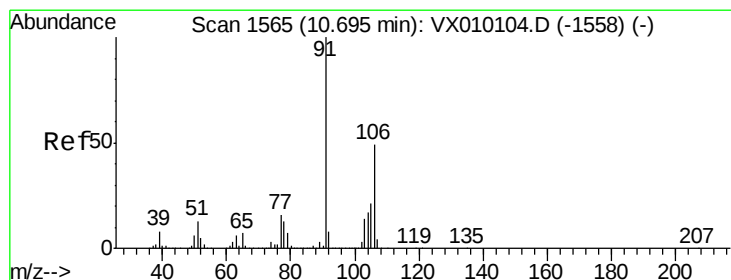
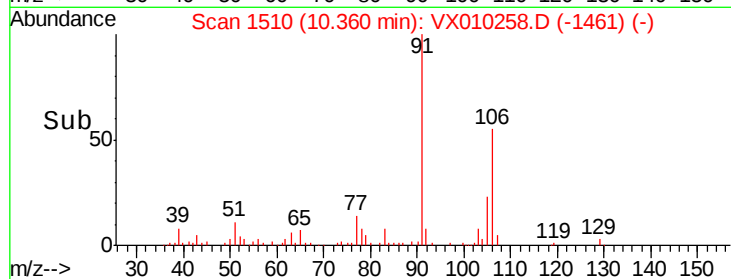
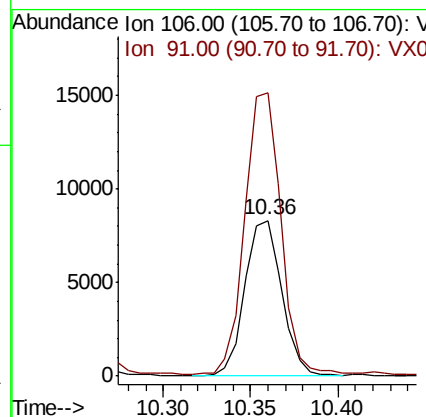
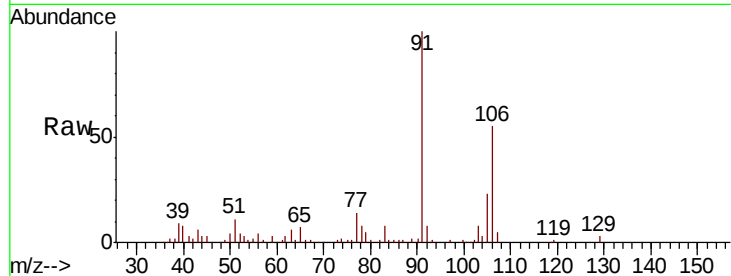




#68
m/p-Xylenes
Concen: 2.030 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010258.D
Acq: 12 Jun 2019 18:08

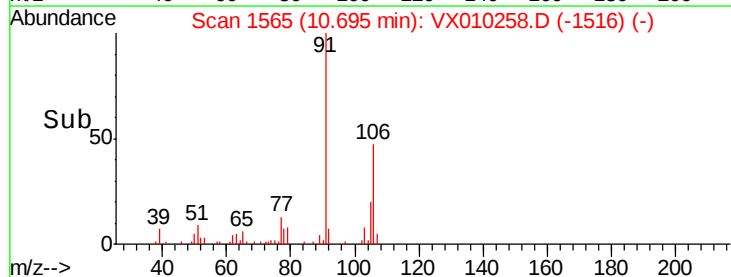
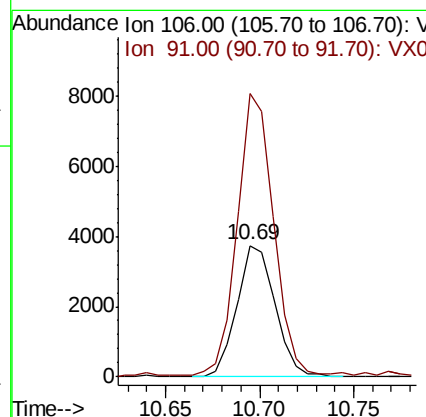
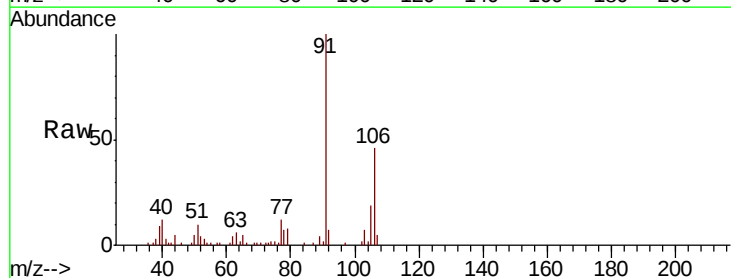
Instrument :
MSVOA_X
ClientSampleId :

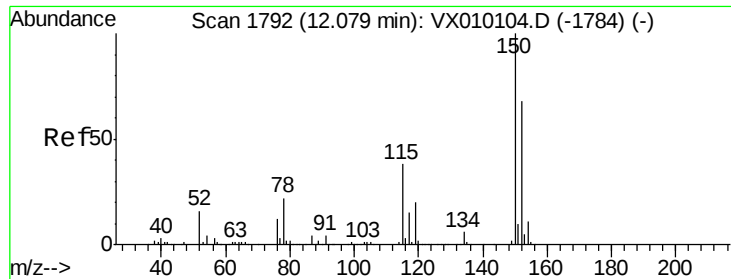
Tot Ion:106 Resp: 12211
Ion Ratio Lower Upper
106 100
91 176.4 167.3 250.9



#69
o-Xylene
Concen: 0.878 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010258.D
Acq: 12 Jun 2019 18:08

Tgt Ion:106 Resp: 5248
Ion Ratio Lower Upper
106 100
91 201.0 110.4 331.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010258.D

Acq: 12 Jun 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

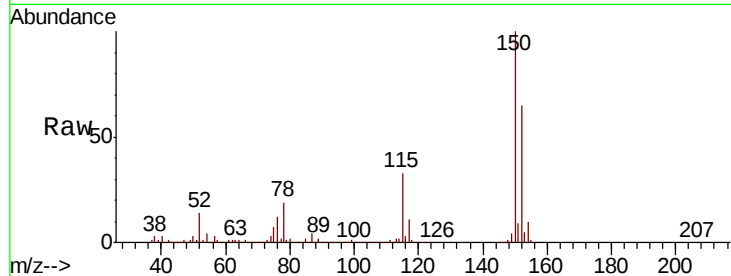
Tot Ion:152 Resp: 212528

Ion Ratio Lower Upper

152 100

115 54.2 41.4 124.2

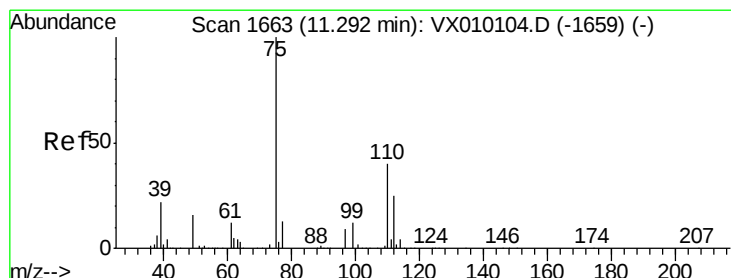
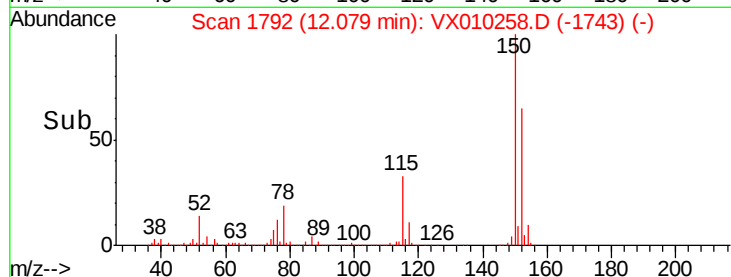
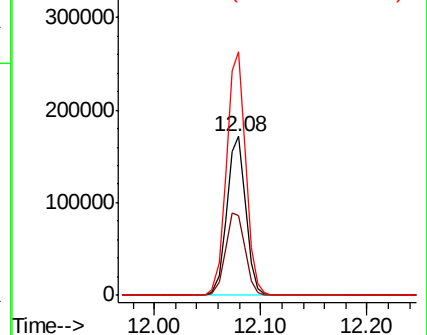
150 155.7 0.0 345.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 21.238 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010258.D

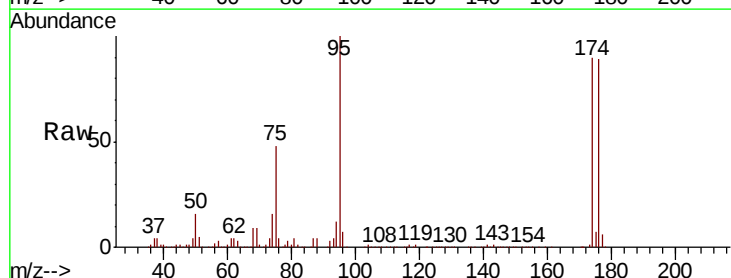
Acq: 12 Jun 2019 18:08

Tgt Ion: 75 Resp: 90280

Ion Ratio Lower Upper

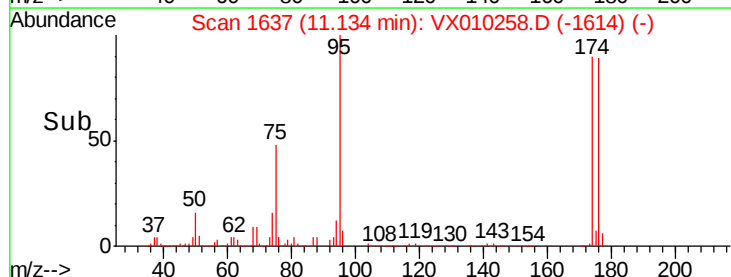
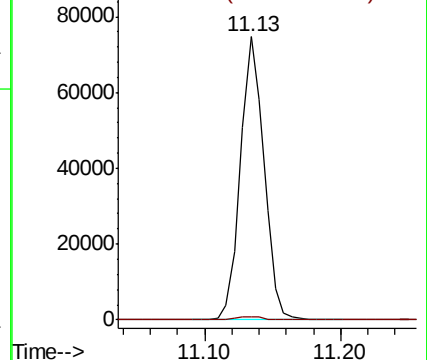
75 100

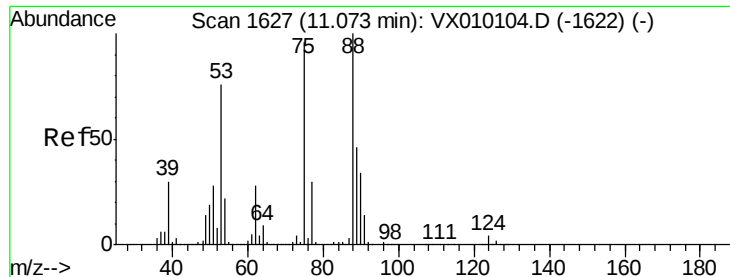
77 1.3 22.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 46.923 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010258.D

Acq: 12 Jun 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

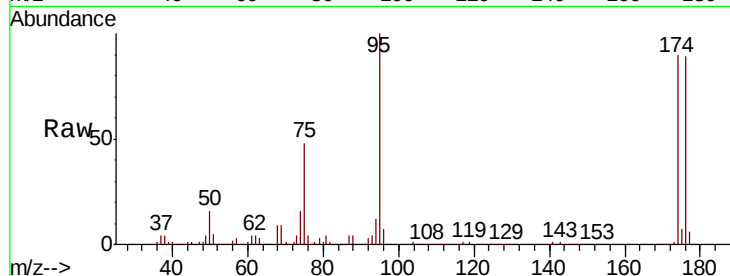
Tot Ion: 75 Resp: 90280

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

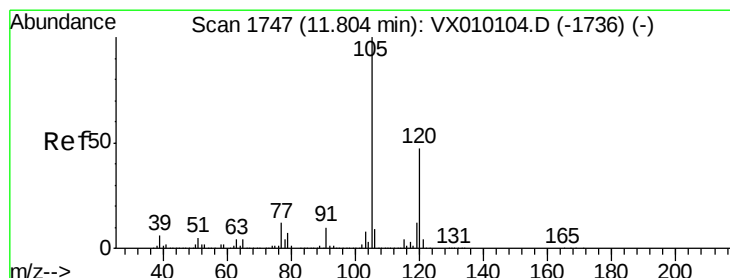
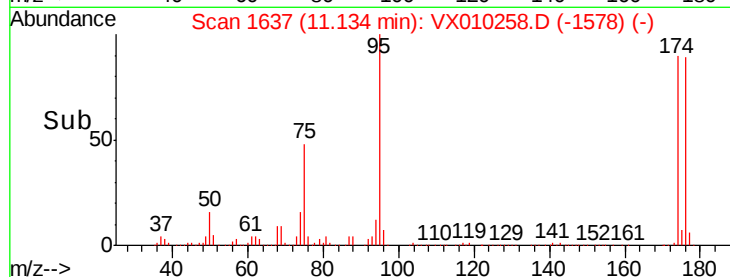
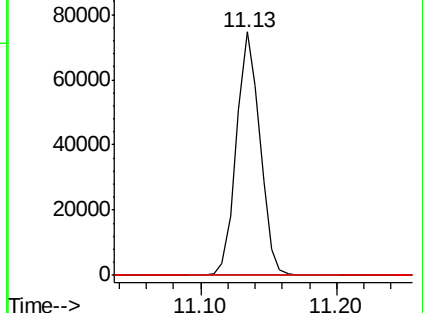
89 0.0 34.2 51.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#84

1,2,4-Trimethylbenzene

Concen: 0.284 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010258.D

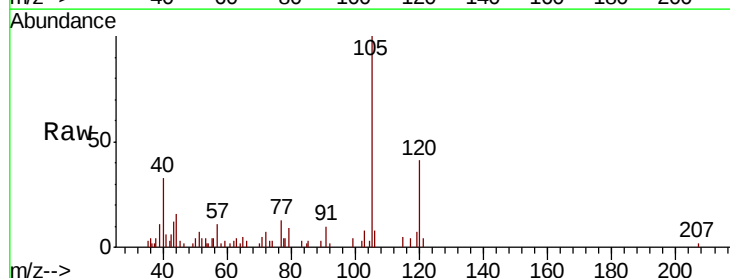
Acq: 12 Jun 2019 18:08

Tgt Ion: 105 Resp: 3588

Ion Ratio Lower Upper

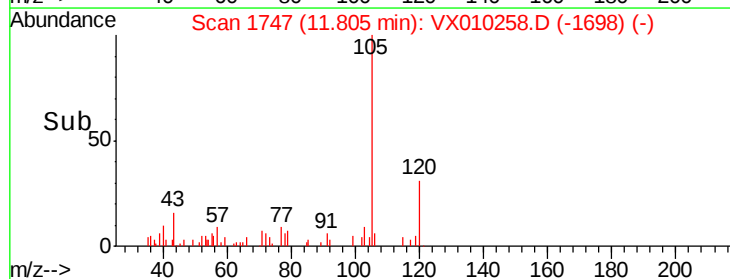
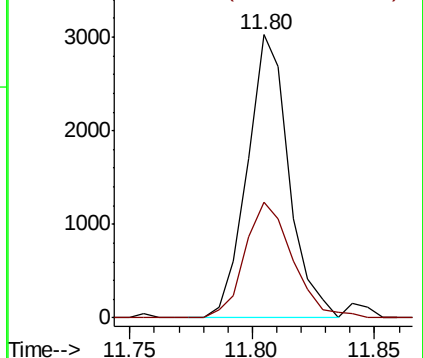
105 100

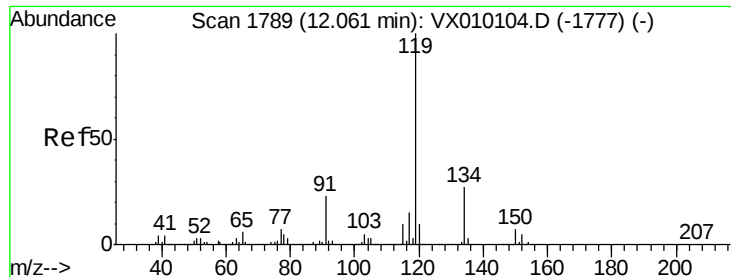
120 46.8 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

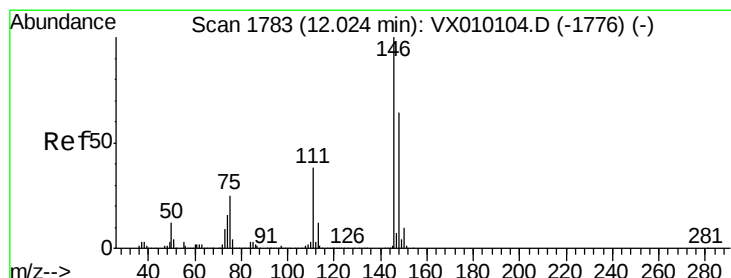
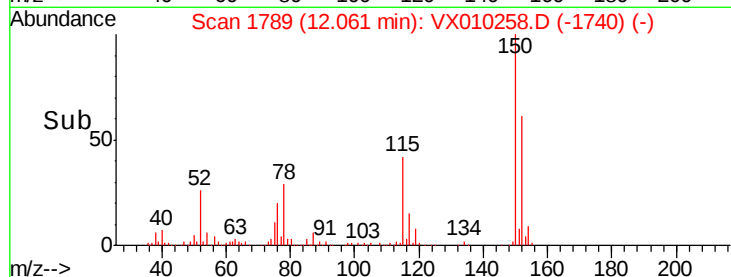
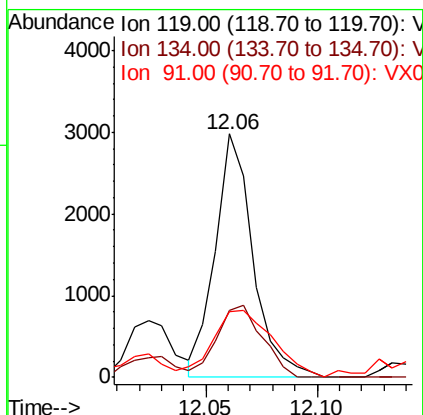
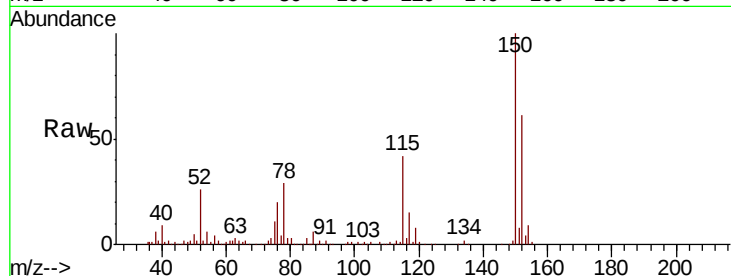




#86
 p-Isopropyltoluene
 Concen: 0.261 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX010258.D
 Acq: 12 Jun 2019 18:08

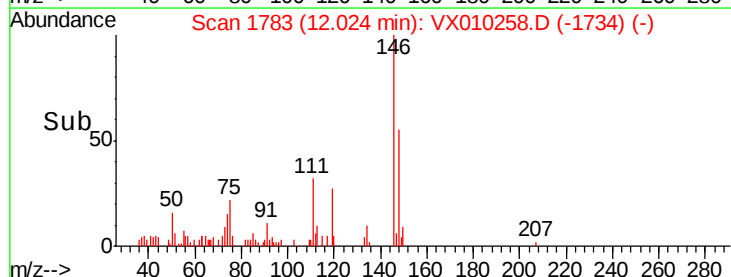
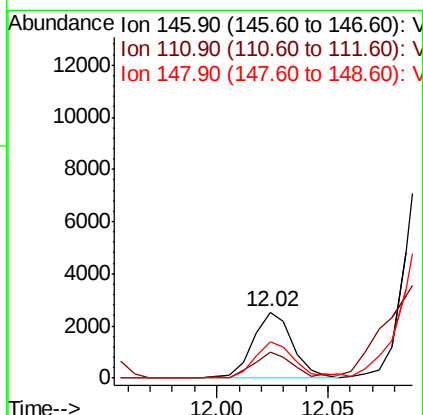
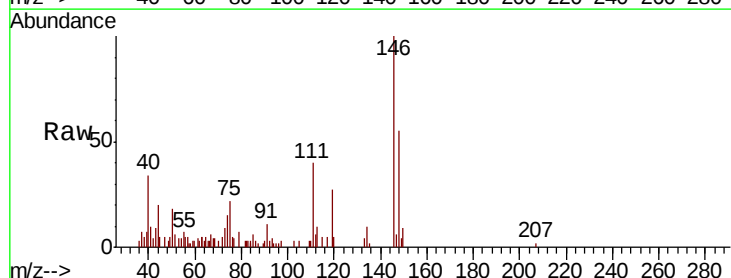
Instrument :
 MSVOA_X
 ClientSampleId :

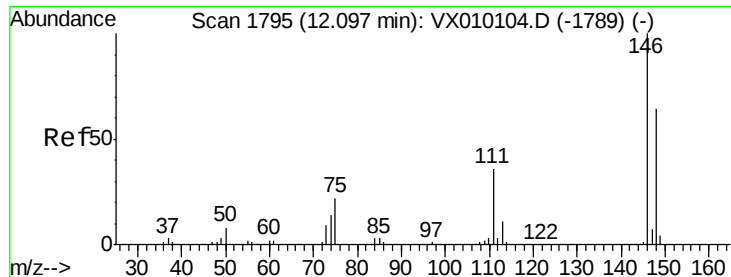
Tot Ion	Ratio	Lower	Upper
119	100		
134	35.7	12.9	38.6
91	43.7	11.9	35.9



#87
 1,3-Dichlorobenzene
 Concen: 0.436 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010258.D
 Acq: 12 Jun 2019 18:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.1	60.2
148	53.4	31.9	95.5

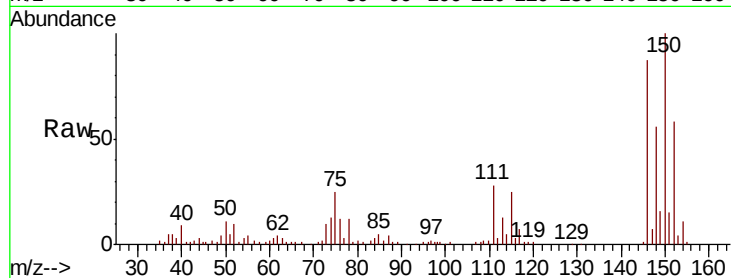




#88
 1,4-Dichlorobenzene
 Concen: 1.921 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010258.D
 Acq: 12 Jun 2019 18:08

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	50.8	20.0	59.9
148	69.3	32.3	96.9

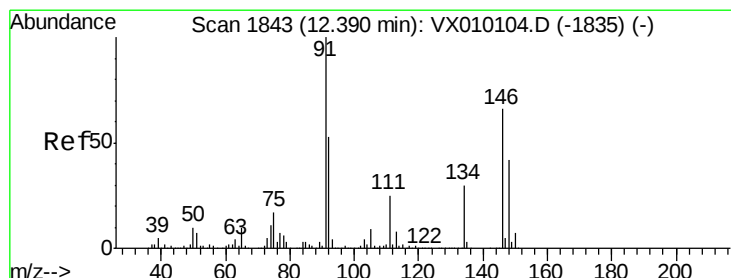
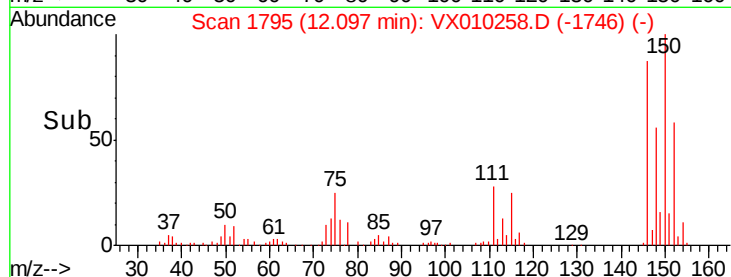
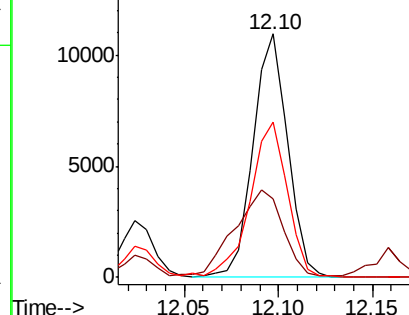


Abundance

Ion 145.90 (145.60 to 146.60): V

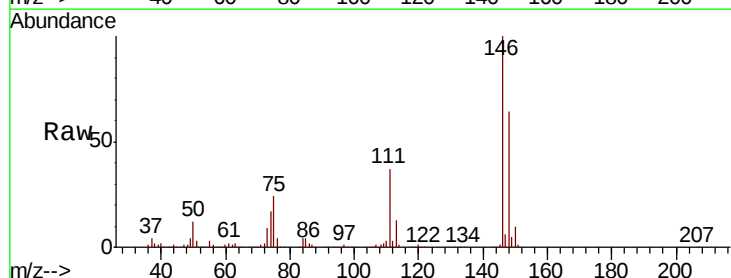
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#91
 1,2-Dichlorobenzene
 Concen: 9.616 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010258.D
 Acq: 12 Jun 2019 18:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	21.1	63.1
148	63.1	32.3	96.8

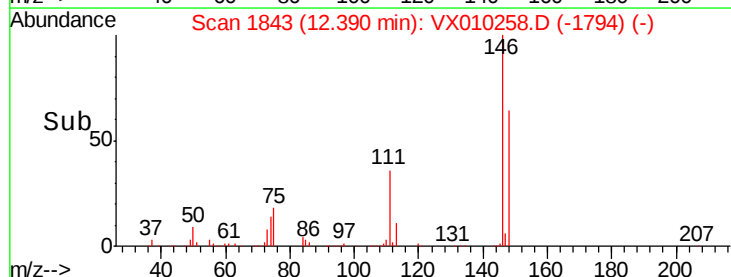
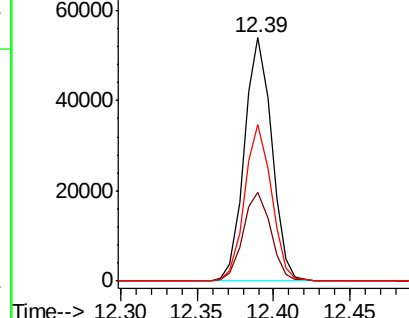


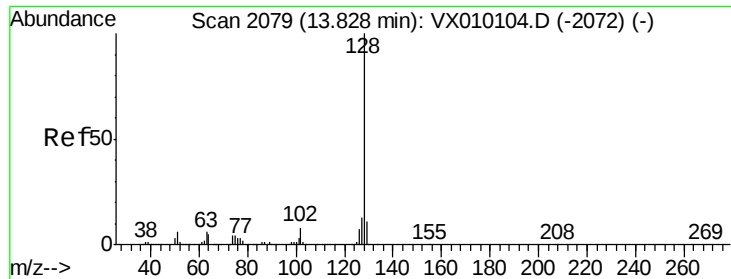
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

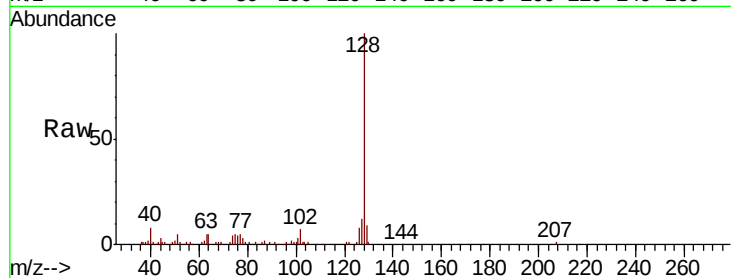




#95
Naphthalene
Concen: 1.161 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX010258.D
Acq: 12 Jun 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.6	16.0
129	11.3	8.8	13.2



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

