

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061719\
 Data File : VX010320.D
 Acq On : 17 Jun 2019 13:35
 Operator : JC/SP
 Sample : K3154-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

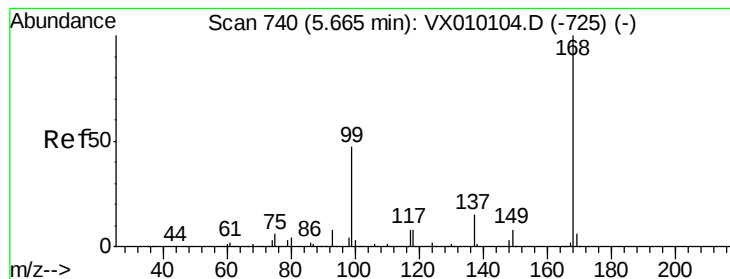
Quant Time: Jun 18 01:52:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	321206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	483174	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	439519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204651	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	146005	46.57	ug/l	0.00
Spiked Amount			Recovery	=	93.14%	
35) Dibromofluoromethane	5.50	113	146519	49.16	ug/l	0.00
Spiked Amount			Recovery	=	98.32%	
50) Toluene-d8	8.71	98	571275	51.14	ug/l	0.00
Spiked Amount			Recovery	=	102.28%	
62) 4-Bromofluorobenzene	11.13	95	193564	46.40	ug/l	0.00
Spiked Amount			Recovery	=	92.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	676	0.245	ug/l #	43
5) Bromomethane	1.65	94	758	0.728	ug/l #	46
10) Methyl Iodide	2.52	142	1665	0.380	ug/l	94
11) Tert butyl alcohol	3.04	59	1892	2.463	ug/l	100
13) Acrolein	2.34	56	137	0.978	ug/l #	1
15) Acrylonitrile	3.15	53	702	0.447	ug/l #	41
16) Acetone	2.45	43	15614	10.588	ug/l #	86
17) Carbon Disulfide	2.57	76	2195	0.263	ug/l #	85
18) Methyl Acetate	2.78	43	1459	0.450	ug/l #	48
20) Methylene Chloride	2.85	84	14225	4.392	ug/l #	78
25) 2-Butanone	4.68	43	8221	3.744	ug/l	93
29) Tetrahydrofuran	5.13	42	1149	0.833	ug/l #	1
30) Chloroform	5.21	83	2217	0.422	ug/l	87
36) 1,1-Dichloropropene	5.67	75	18845	4.781	ug/l #	53
37) Ethyl Acetate	4.68	43	8247	2.011	ug/l #	73
38) Carbon Tetrachloride	5.66	117	28285	6.339	ug/l #	16
43) Isopropyl Acetate	6.45	43	13137	1.916	ug/l #	88
44) Trichloroethene	7.22	130	2080	0.566	ug/l	72
48) Methyl methacrylate	7.68	41	6867	2.141	ug/l #	20
49) 1,4-Dioxane	7.75	88	50	0.547	ug/l #	18
51) 4-Methyl-2-Pentanone	8.61	43	95381	23.282	ug/l #	54
54) cis-1,3-Dichloropropene	8.62	75	54433	10.278	ug/l #	51
57) 1,3-Dichloropropane	9.54	76	11861	2.296	ug/l #	45
59) 2-Hexanone	9.43	43	12183	3.730	ug/l #	27
74) N-amyl acetate	10.83	43	1412	0.250	ug/l #	56
76) 1,2,3-Trichloropropane	11.13	75	89588	21.886	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	89588	48.355	ug/l #	10
93) 1,2,4-Trichlorobenzene	13.65	180	1088	0.221	ug/l	93

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010320.D

Acq: 17 Jun 2019 13:35

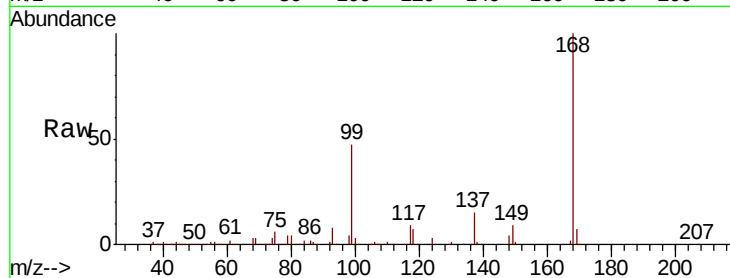
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 321206

Ion Ratio Lower Upper

168 100

99 47.0 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

120000

100000

80000

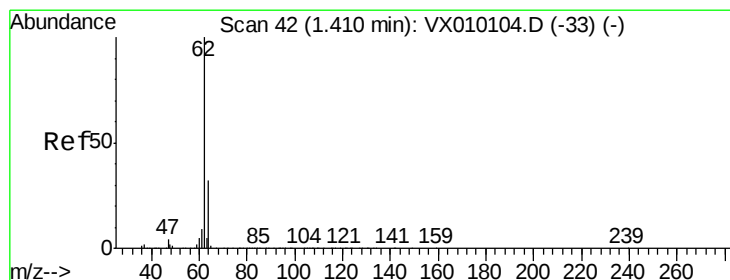
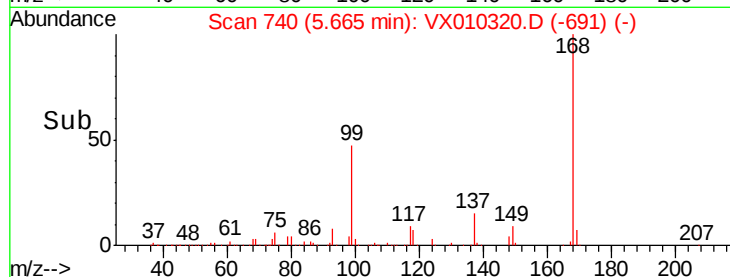
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 0.245 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX010320.D

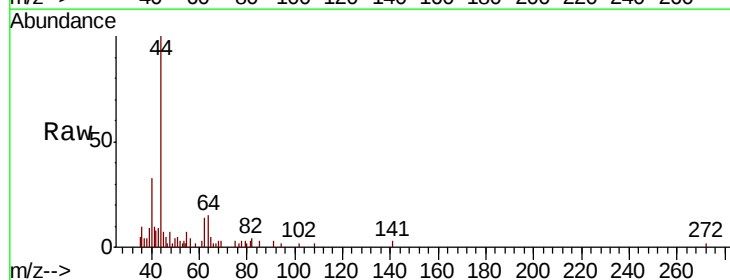
Acq: 17 Jun 2019 13:35

Tgt Ion: 62 Resp: 676

Ion Ratio Lower Upper

62 100

64 64.1 25.7 38.5#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

500

400

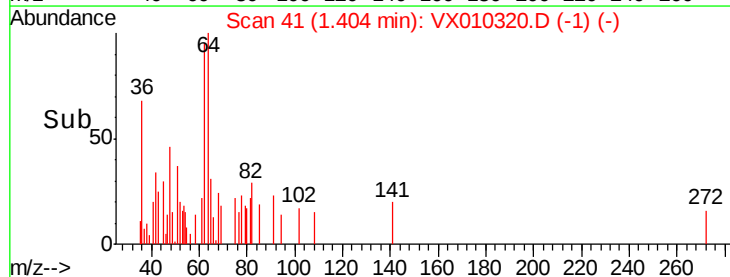
300

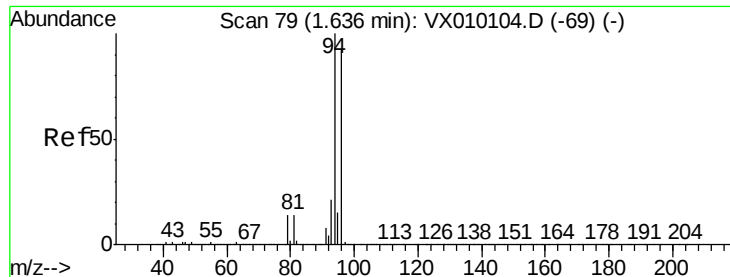
200

100

0

Time--> 1.35 1.40 1.45





#5

Bromomethane

Concen: 0.728 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX010320.D

Acq: 17 Jun 2019 13:35

Instrument :

MSVOA_X

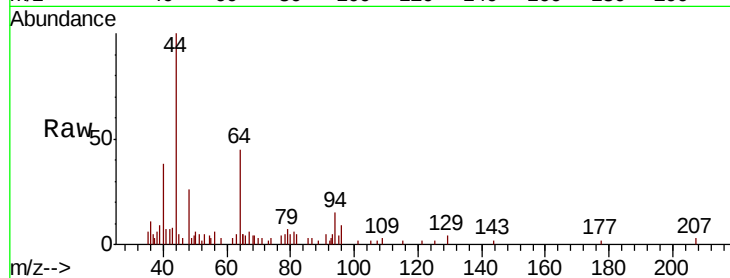
ClientSampleId :

Tot Ion: 94 Resp: 758

Ion Ratio Lower Upper

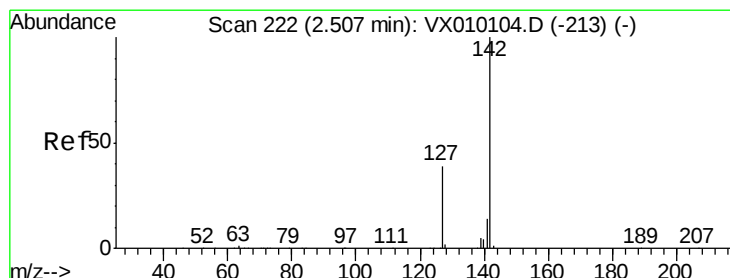
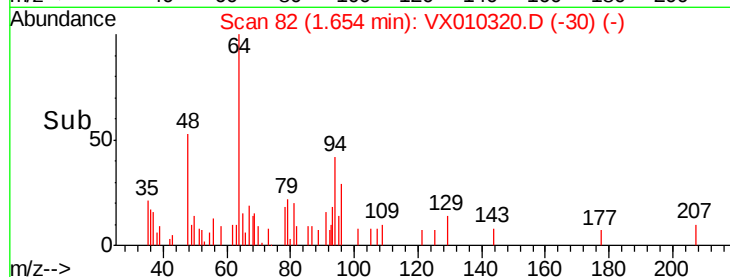
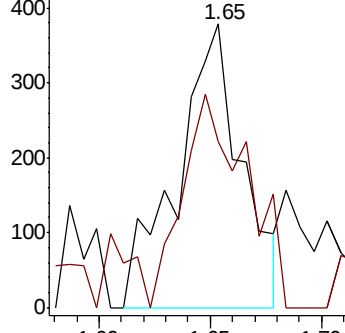
94 100

96 42.9 76.2 114.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#10

Methyl Iodide

Concen: 0.380 ug/l

RT: 2.52 min Scan# 224

Delta R.T. 0.01 min

Lab File: VX010320.D

Acq: 17 Jun 2019 13:35

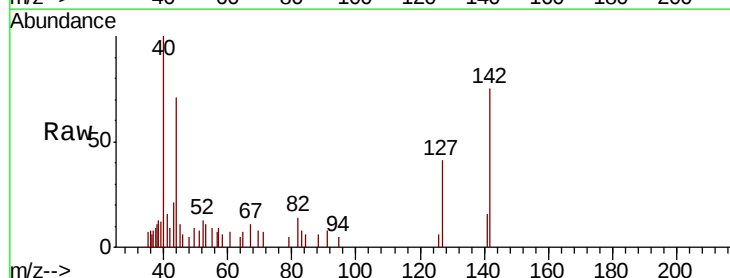
Tgt Ion: 142 Resp: 1665

Ion Ratio Lower Upper

142 100

127 46.1 33.0 49.4

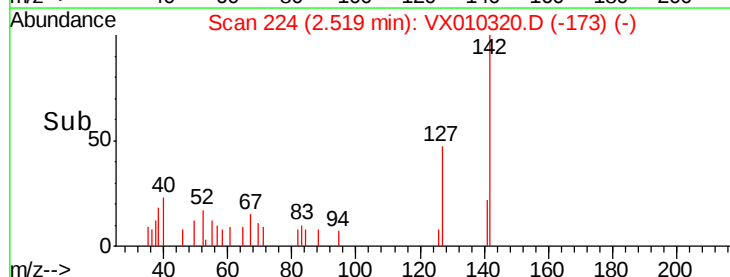
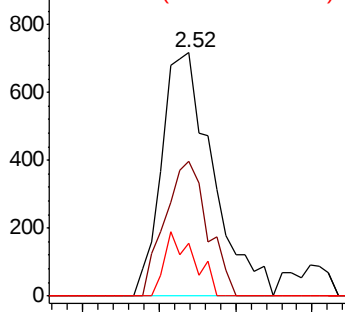
141 15.1 11.4 17.0

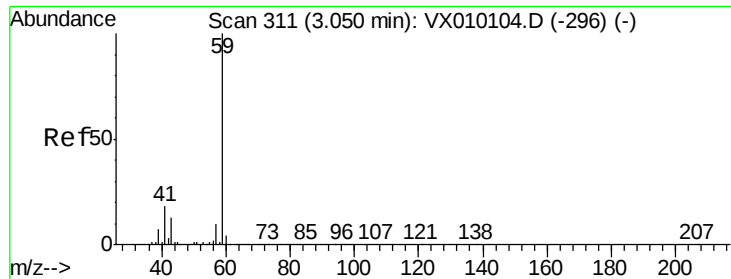


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



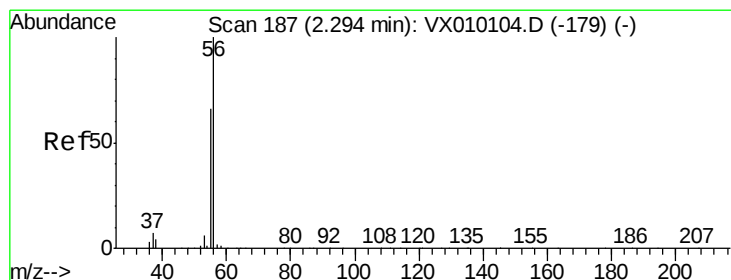
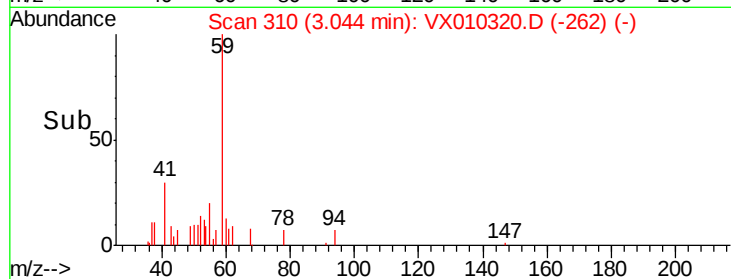
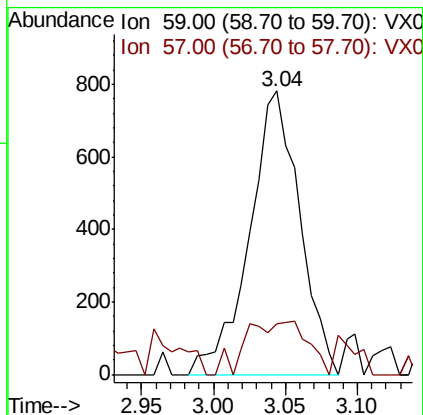
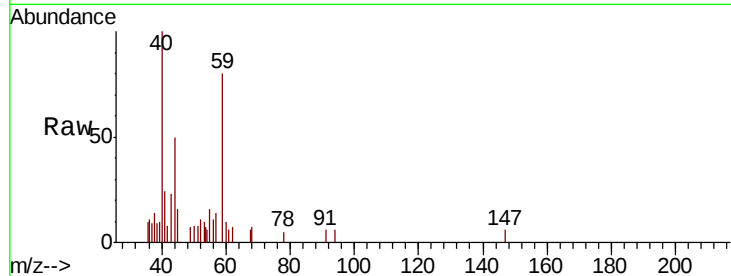


#11

Tert butyl alcohol
 Concen: 2.463 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX010320.D
 Acq: 17 Jun 2019 13:35

Instrument :
 MSVOA_X
 ClientSampleId :

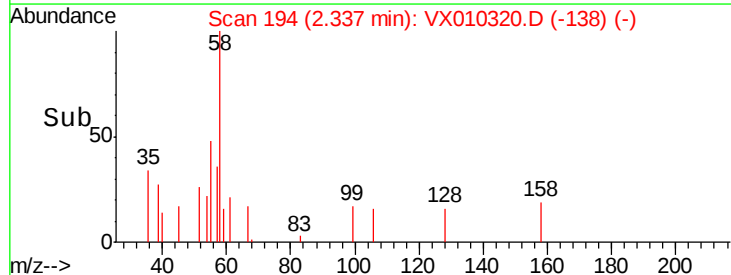
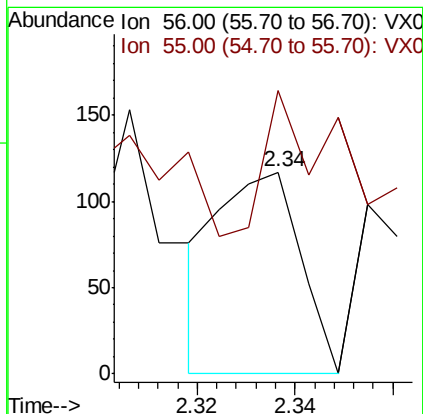
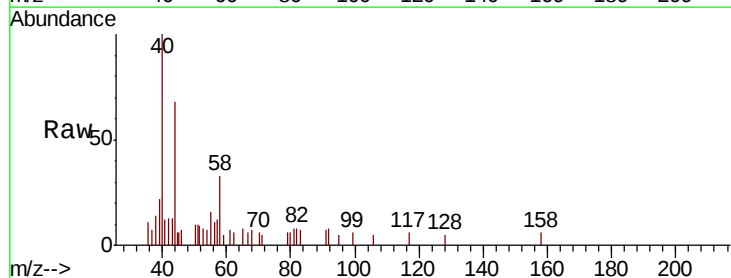
Tot Ion: 59 Resp: 1892
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.2

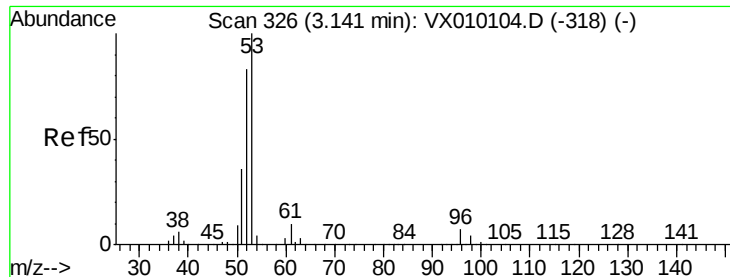


#13

Acrolein
 Concen: 0.978 ug/l
 RT: 2.34 min Scan# 194
 Delta R.T. 0.04 min
 Lab File: VX010320.D
 Acq: 17 Jun 2019 13:35

Tgt Ion: 56 Resp: 137
 Ion Ratio Lower Upper
 56 100
 55 259.9 57.0 85.4#





#15

Acrylonitrile

Concen: 0.447 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX010320.D

Acq: 17 Jun 2019 13:35

Instrument :

MSVOA_X

ClientSampled :

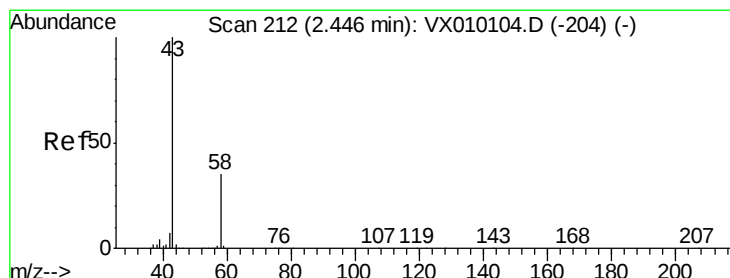
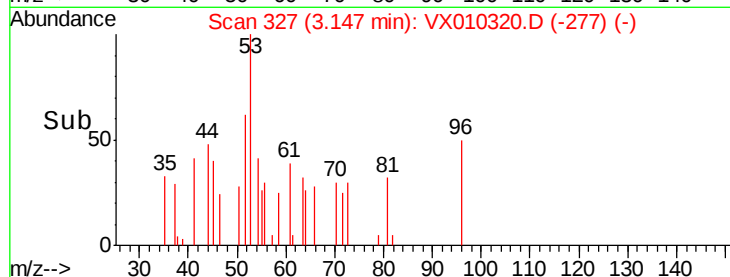
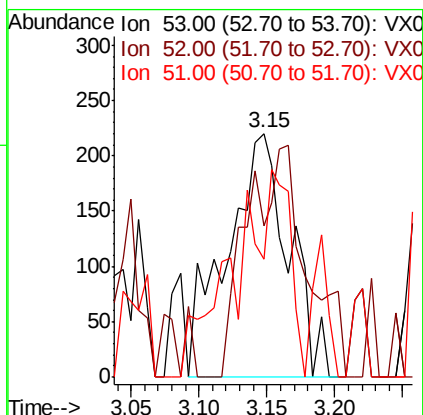
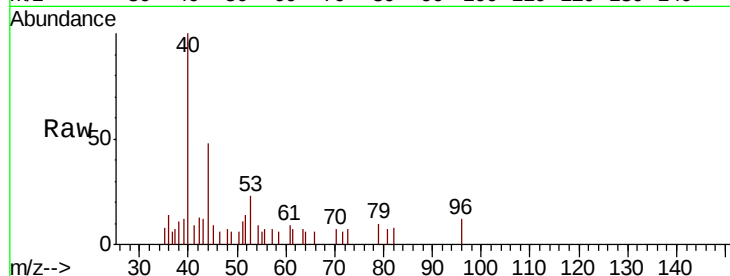
Tot Ion: 53 Resp: 702

Ion Ratio Lower Upper

53 100

52 34.9 66.7 100.1#

51 77.1 28.8 43.2#



#16

Acetone

Concen: 10.588 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010320.D

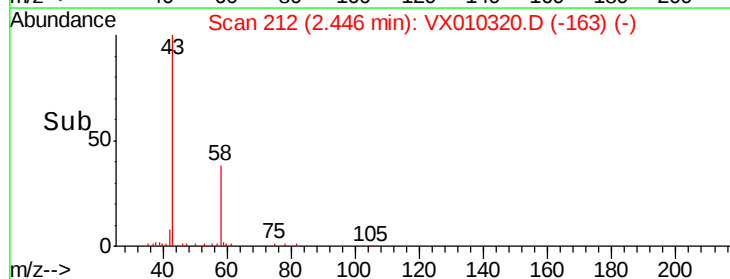
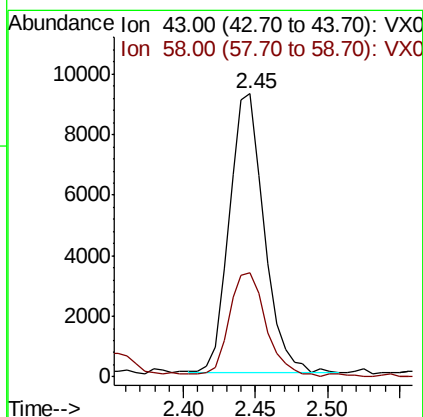
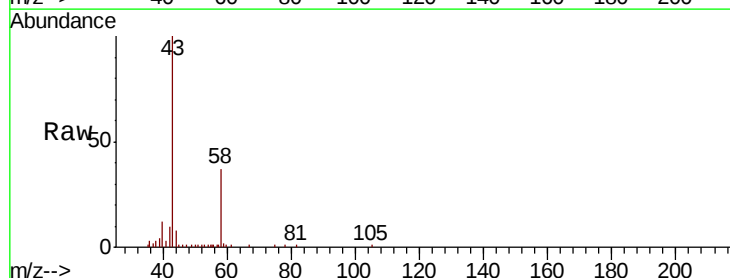
Acq: 17 Jun 2019 13:35

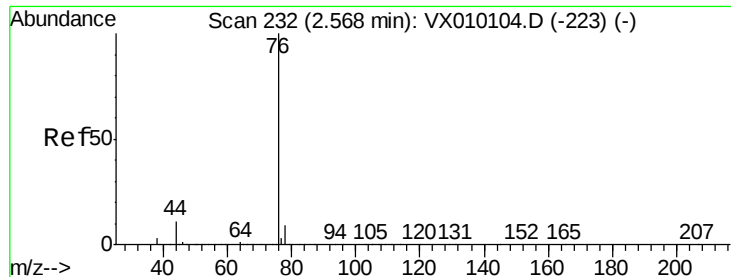
Tgt Ion: 43 Resp: 15614

Ion Ratio Lower Upper

43 100

58 36.2 23.2 34.8#

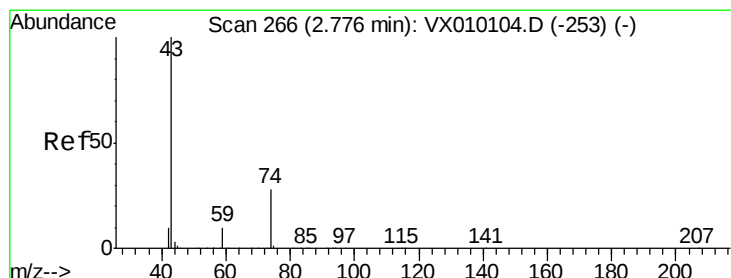
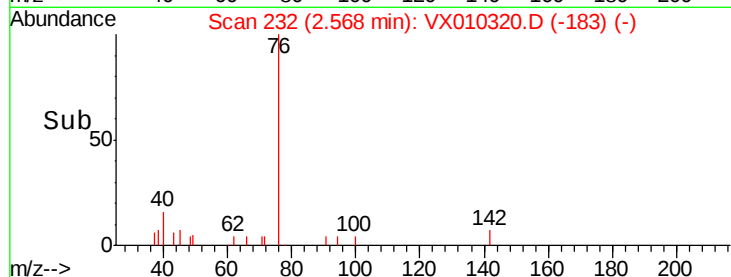
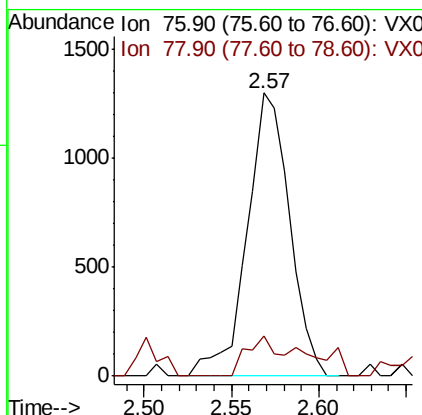
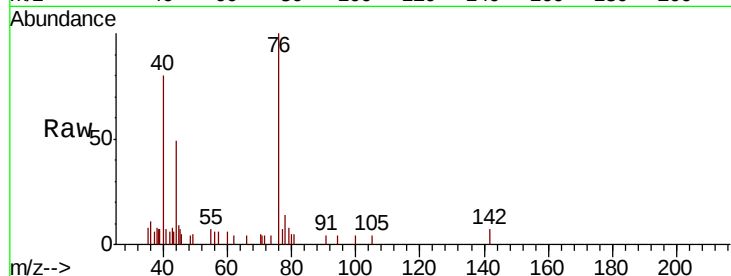




#17
Carbon Disulfide
Concen: 0.263 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010320.D
Acq: 17 Jun 2019 13:35

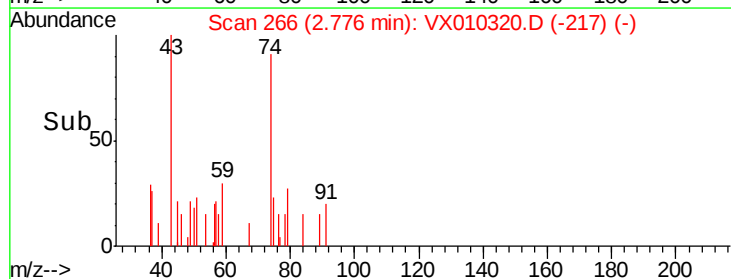
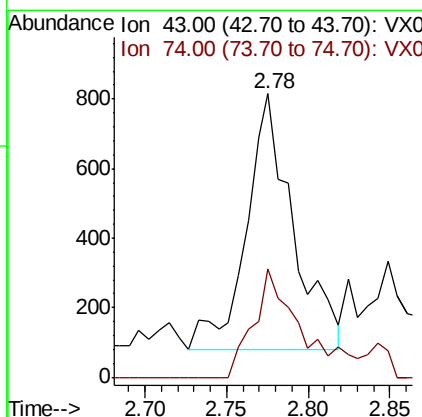
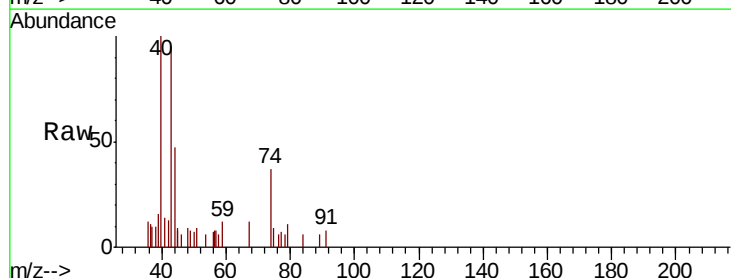
Instrument :
MSVOA_X
ClientSampled :

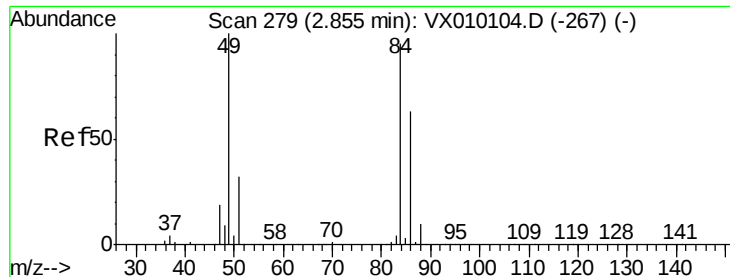
Tot Ion: 76 Resp: 2195
Ion Ratio Lower Upper
76 100
78 14.1 7.0 10.6#



#18
Methyl Acetate
Concen: 0.450 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010320.D
Acq: 17 Jun 2019 13:35

Tgt Ion: 43 Resp: 1459
Ion Ratio Lower Upper
43 100
74 43.5 15.8 23.6#

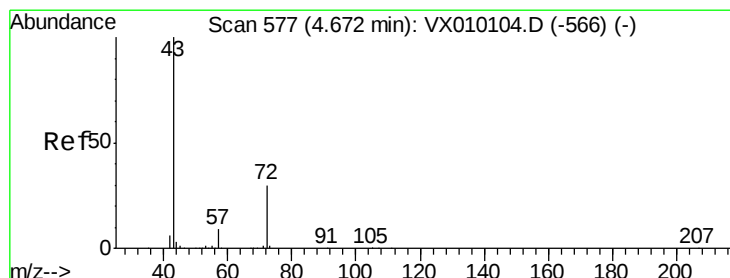
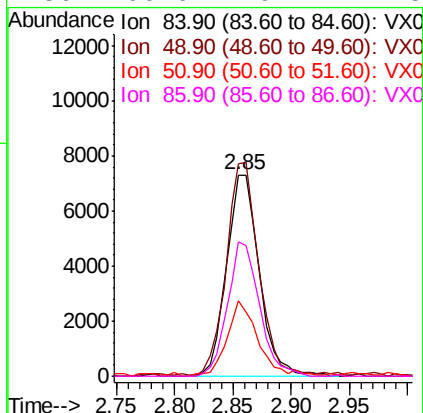
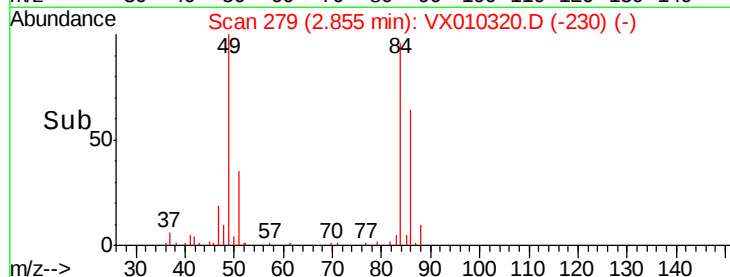
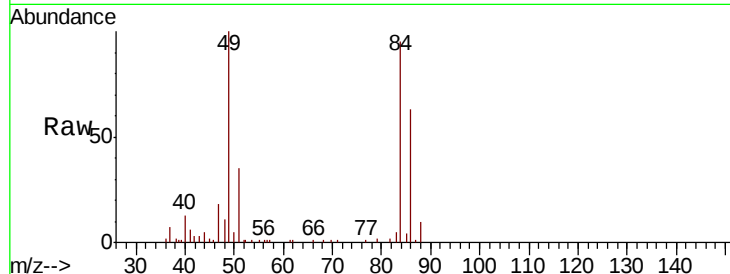




#20
Methvlene Chloride
Concen: 4.392 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010320.D
Acq: 17 Jun 2019 13:35

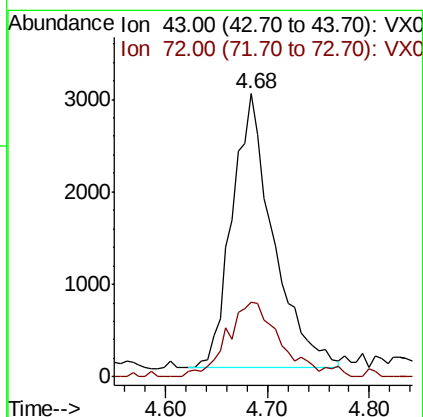
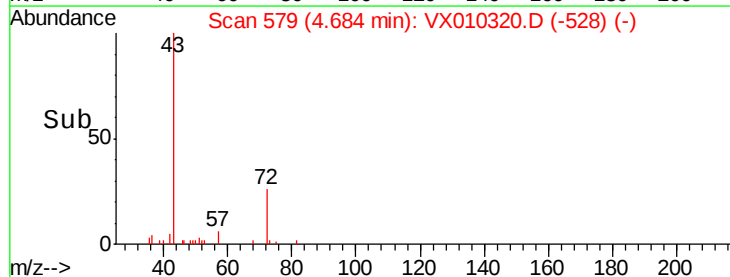
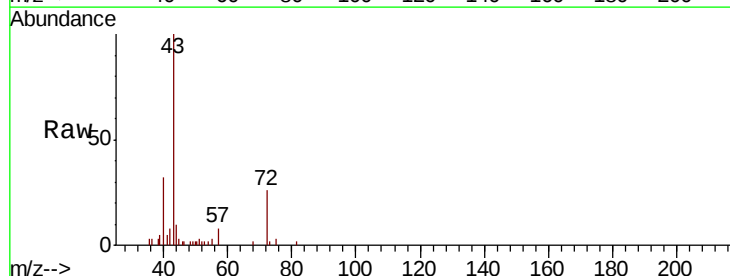
Instrument :
MSVOA_X
ClientSampleId :

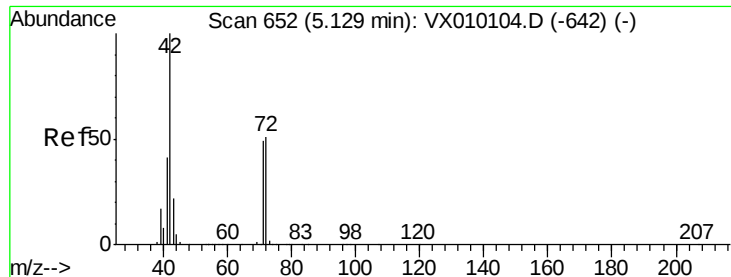
Tot Ion: 84 Resp: 14225
Ion Ratio Lower Upper
84 100
49 104.4 115.8 173.6#
51 37.2 34.4 51.6
86 66.6 49.7 74.5



#25
2-Butanone
Concen: 3.744 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.01 min
Lab File: VX010320.D
Acq: 17 Jun 2019 13:35

Tgt Ion: 43 Resp: 8221
Ion Ratio Lower Upper
43 100
72 25.1 17.5 26.3





#29

Tetrahydrofuran

Concen: 0.833 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX010320.D

Acq: 17 Jun 2019 13:35

Instrument :

MSVOA_X

ClientSampled :

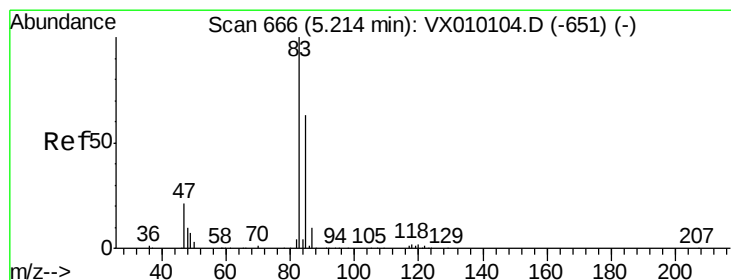
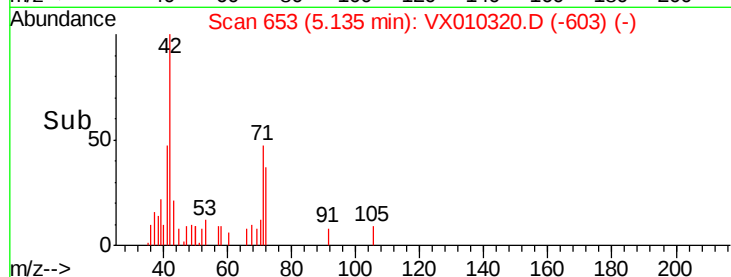
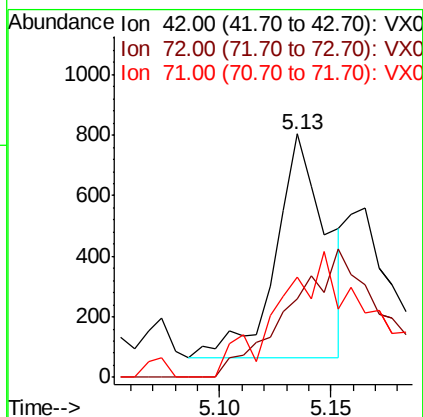
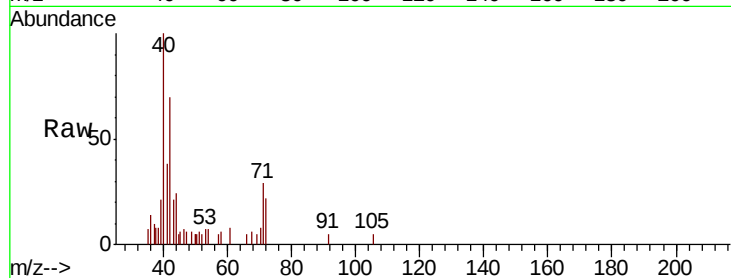
Tot Ion: 42 Resp: 1149

Ion Ratio Lower Upper

42 100

72 118.0 29.2 43.8#

71 105.7 27.6 41.4#



#30

Chloroform

Concen: 0.422 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX010320.D

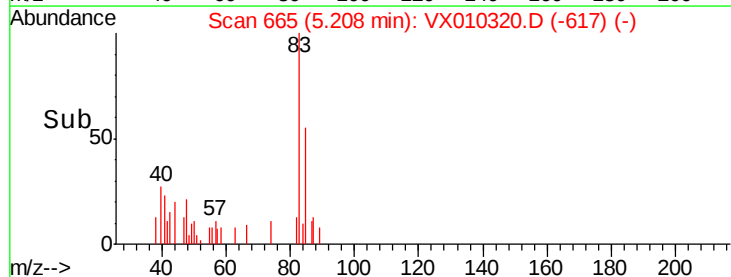
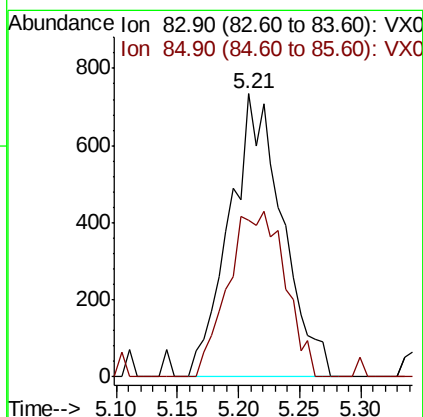
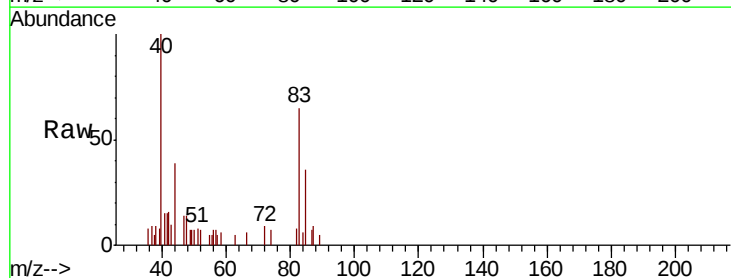
Acq: 17 Jun 2019 13:35

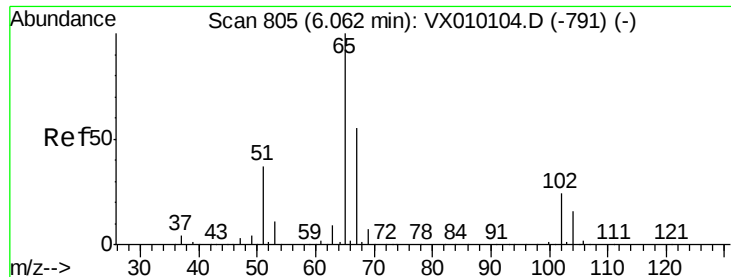
Tgt Ion: 83 Resp: 2217

Ion Ratio Lower Upper

83 100

85 55.2 52.6 78.8





#33

1,2-Dichloroethane-d4

Concen: 46.568 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010320.D

Acq: 17 Jun 2019 13:35

Instrument :

MSVOA_X

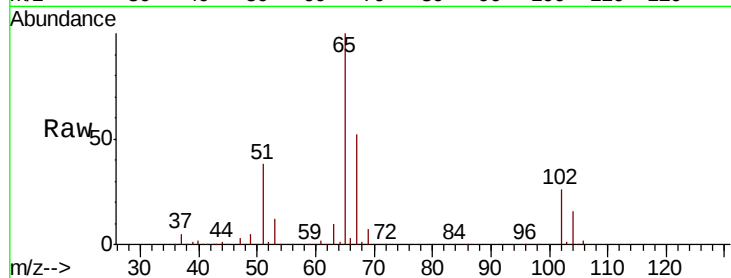
ClientSampleId :

Tot Ion: 65 Resp: 146005

Ion Ratio Lower Upper

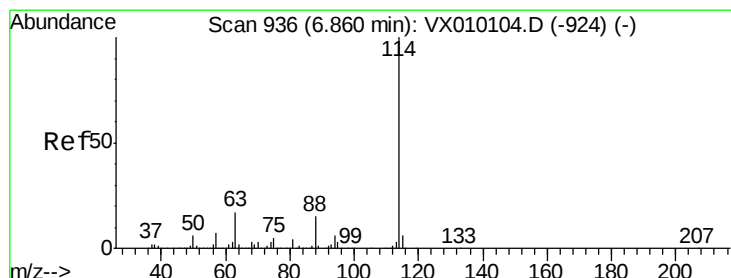
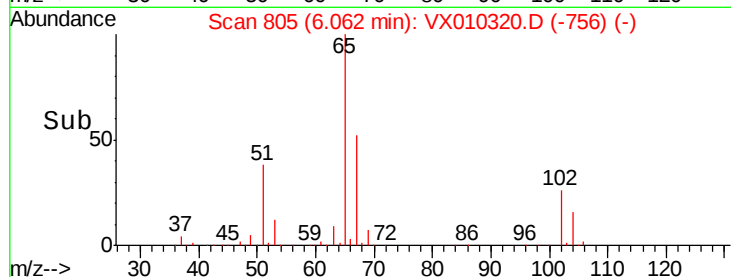
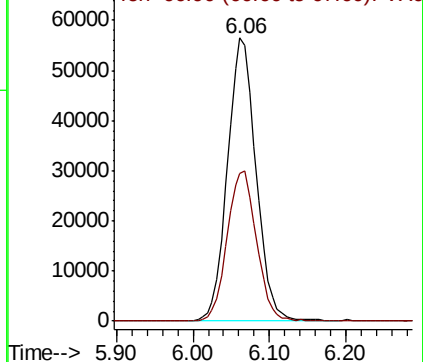
65 100

67 54.5 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: VX010320.D

Acq: 17 Jun 2019 13:35

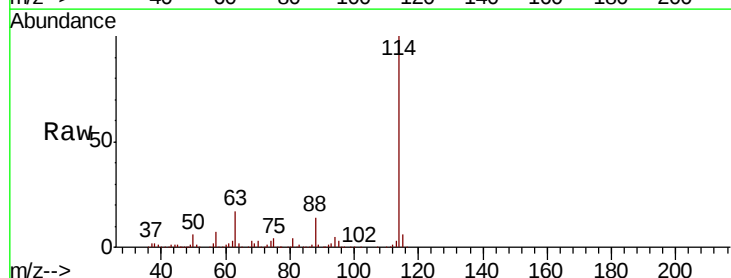
Tgt Ion: 114 Resp: 483174

Ion Ratio Lower Upper

114 100

63 16.5 0.0 47.4

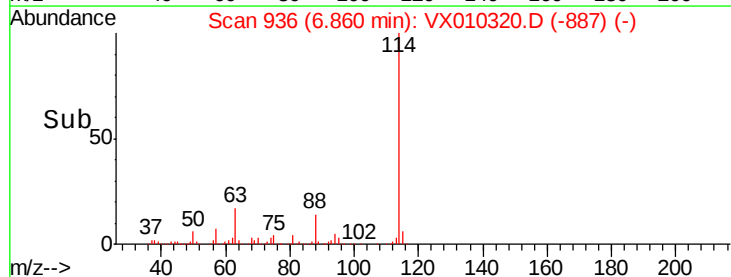
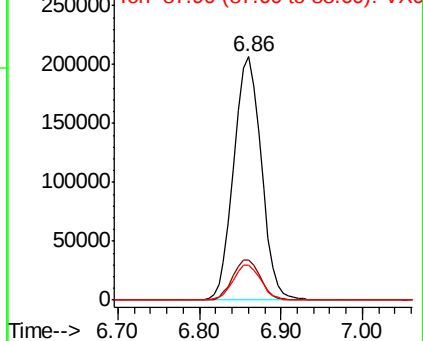
88 14.4 0.0 33.0

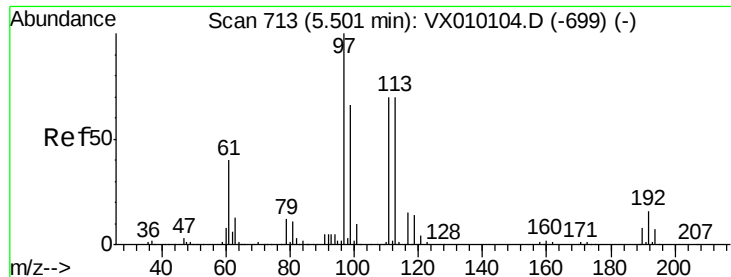


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

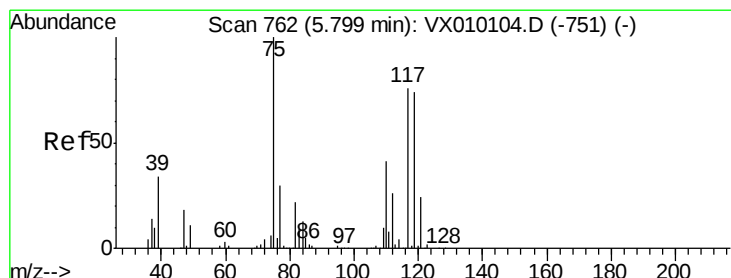
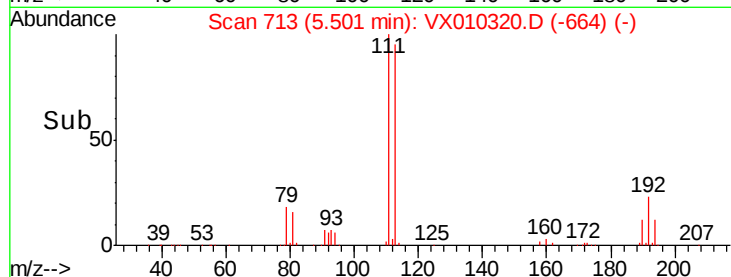
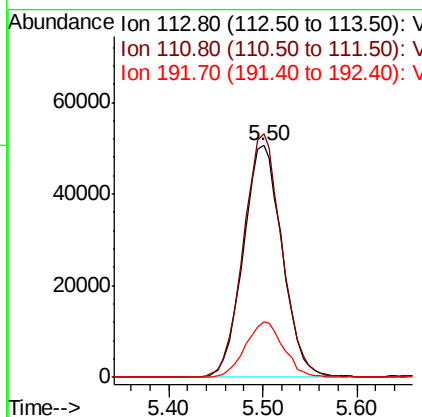
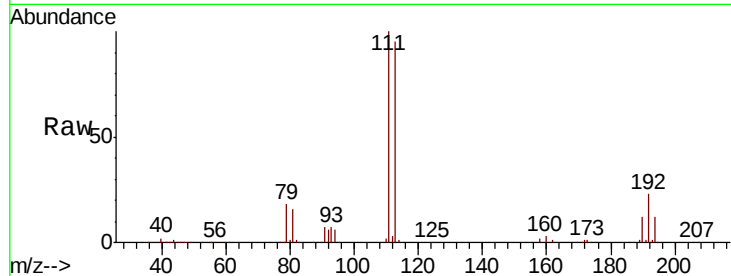




#35
 Dibromofluoromethane
 Concen: 49.162 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX010320.D
 Acq: 17 Jun 2019 13:35

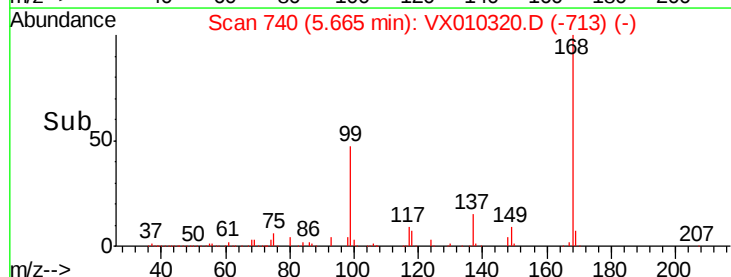
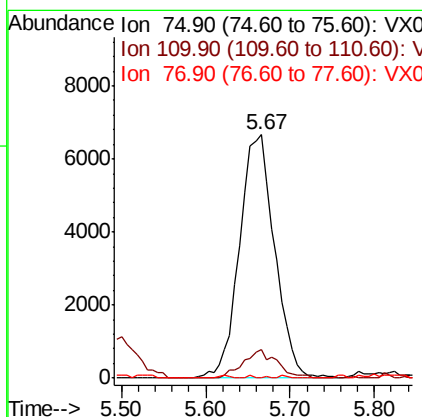
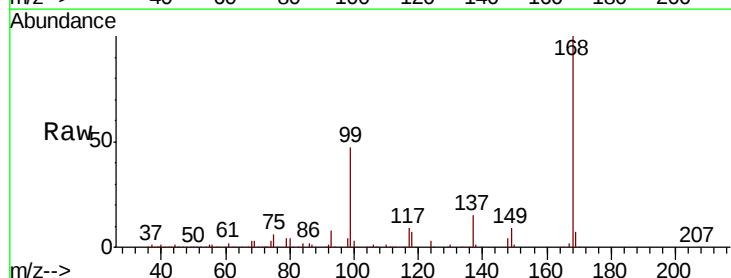
Instrument :
 MSVOA_X
 ClientSampleId :

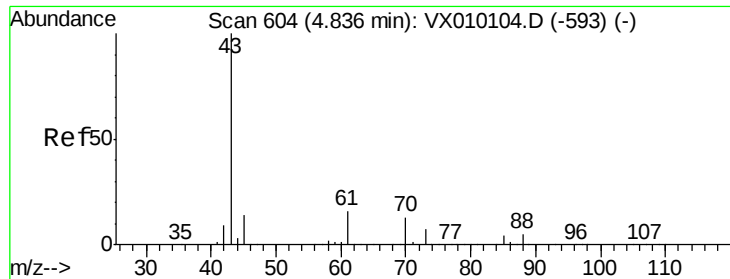
Tot Ion:113 Resp: 146519
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.2 123.2
 192 23.5 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 4.781 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX010320.D
 Acq: 17 Jun 2019 13:35

Tgt Ion: 75 Resp: 18845
 Ion Ratio Lower Upper
 75 100
 110 11.2 16.7 50.1#
 77 0.1 25.0 37.4#

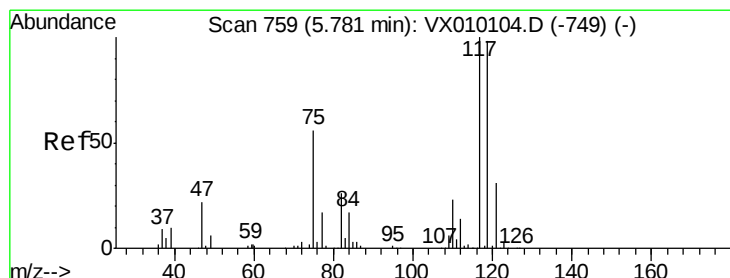
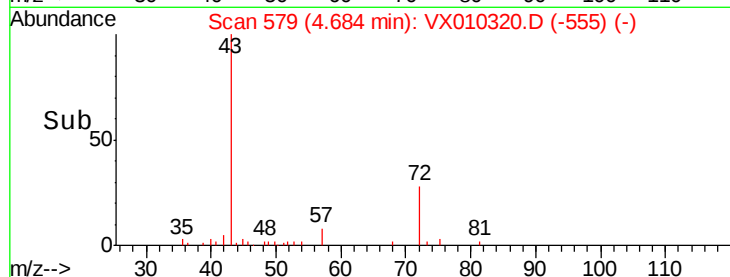
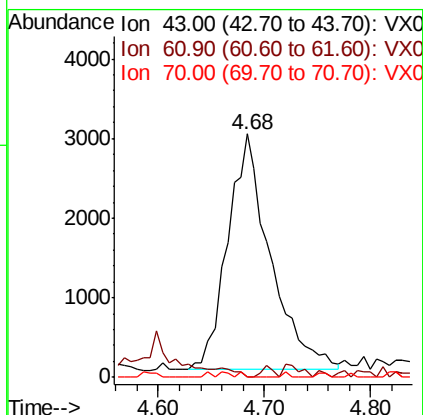
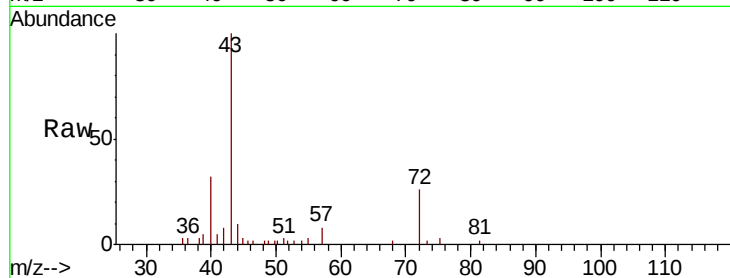




#37
Ethyl Acetate
Concen: 2.011 ug/l
RT: 4.68 min Scan# 579
Delta R.T. -0.15 min
Lab File: VX010320.D
Acq: 17 Jun 2019 13:35

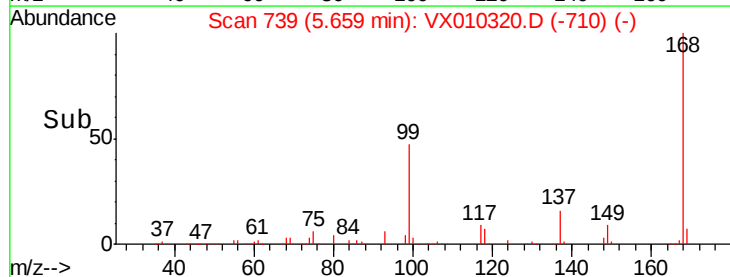
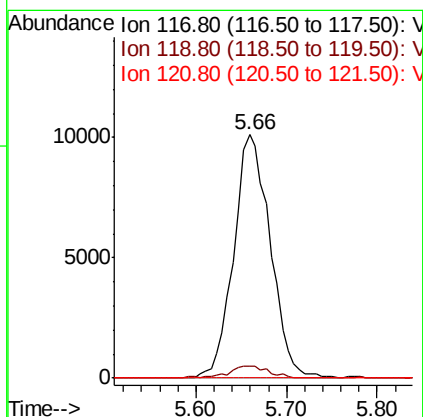
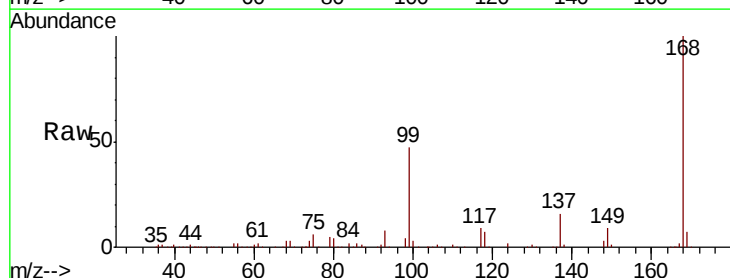
Instrument :
MSVOA_X
ClientSampleId :

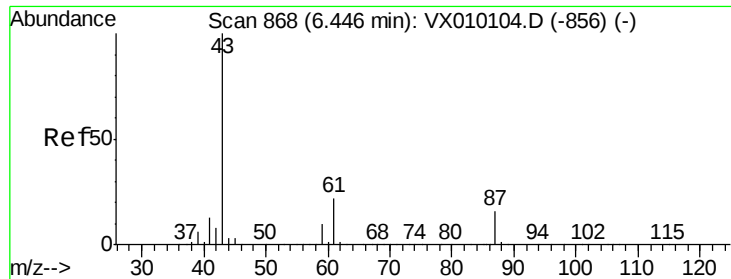
Tot Ion: 43 Resp: 8247
Ion Ratio Lower Upper
43 100
61 1.3 10.2 15.2#
70 0.0 7.4 11.2#



#38
Carbon Tetrachloride
Concen: 6.339 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX010320.D
Acq: 17 Jun 2019 13:35

Tgt Ion: 117 Resp: 28285
Ion Ratio Lower Upper
117 100
119 5.0 77.3 115.9#
121 0.0 25.4 38.0#





#43

Isopropyl Acetate

Concen: 1.916 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010320.D

Acq: 17 Jun 2019 13:35

Instrument :

MSVOA_X

ClientSampleId :

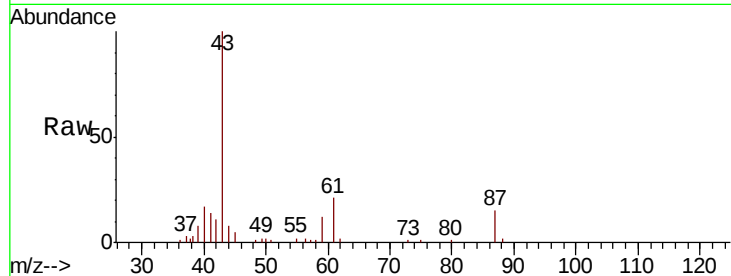
Tot Ion: 43 Resp: 13137

Ion Ratio Lower Upper

43 100

61 22.6 14.6 21.8#

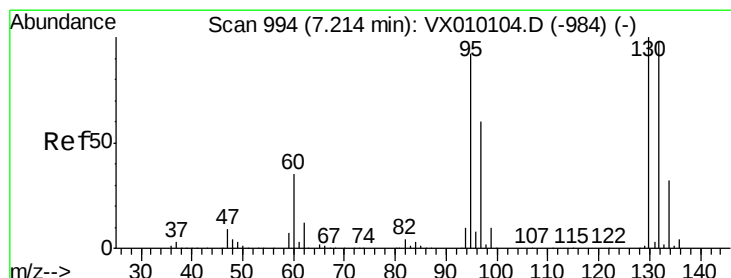
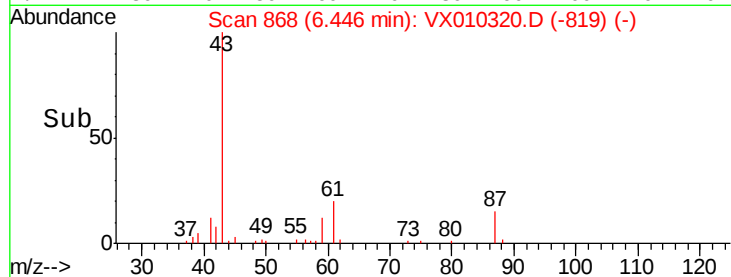
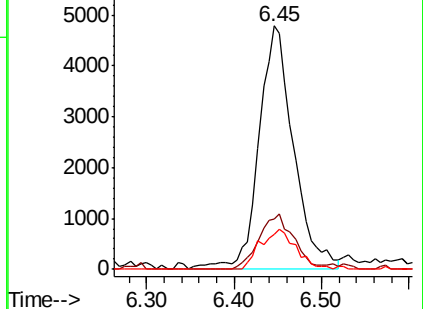
87 17.0 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 0.566 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX010320.D

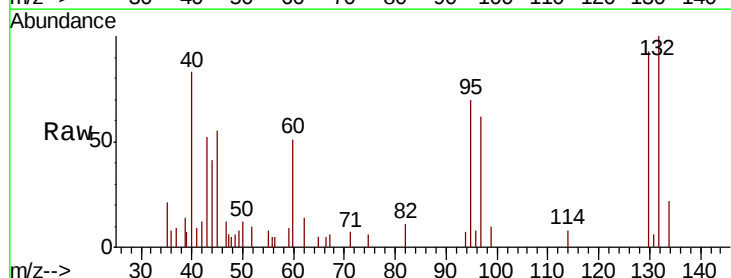
Acq: 17 Jun 2019 13:35

Tgt Ion:130 Resp: 2080

Ion Ratio Lower Upper

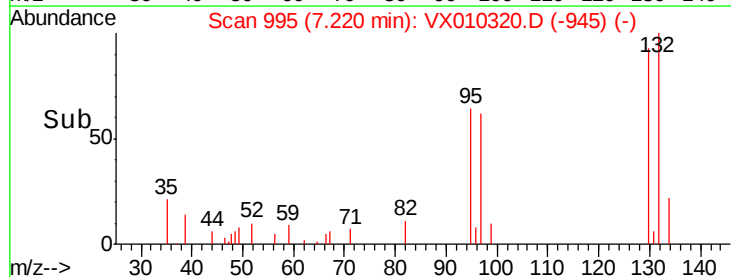
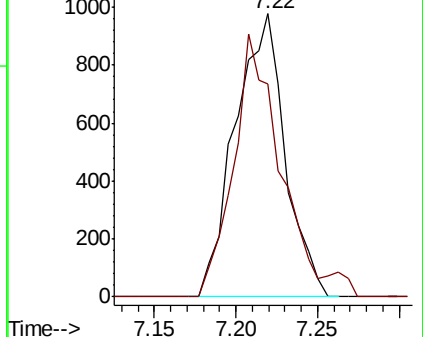
130 100

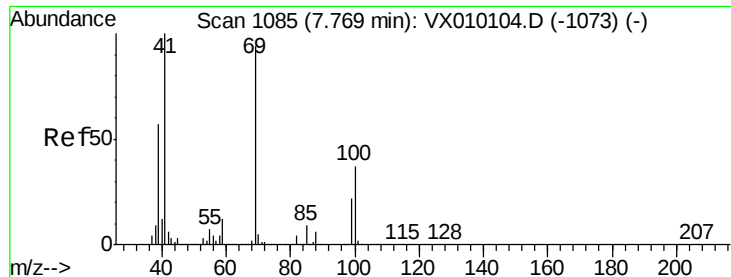
95 75.1 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#48

Methvl methacrylate

Concen: 2.141 ug/l

RT: 7.68 min Scan# 1070

Delta R.T. -0.09 min

Lab File: VX010320.D

Acq: 17 Jun 2019 13:35

Instrument :

MSVOA_X

ClientSampleId :

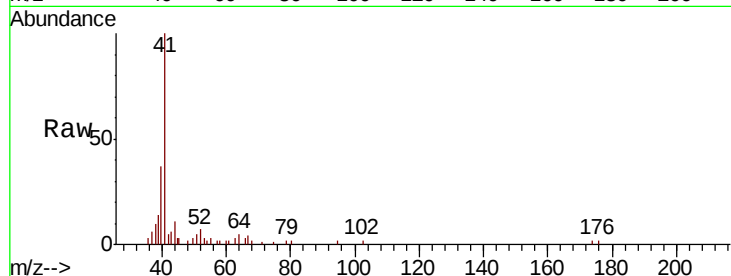
Tot Ion: 41 Resp: 6867

Ion Ratio Lower Upper

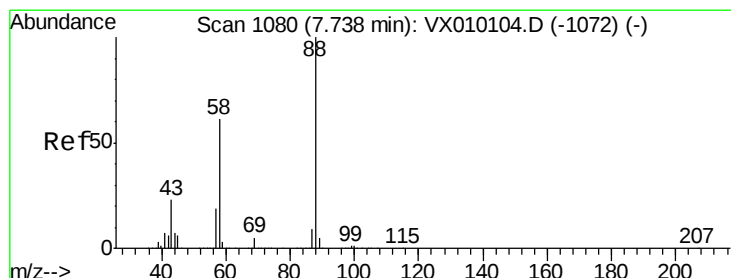
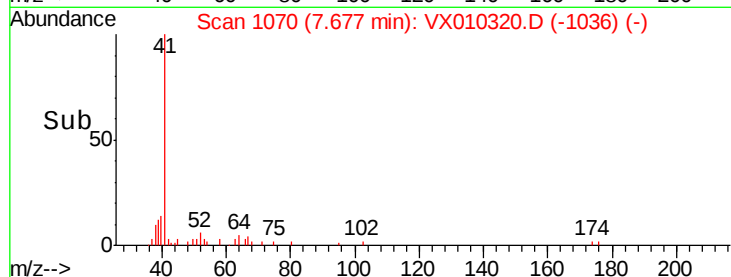
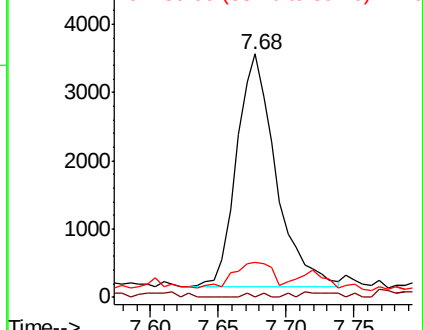
41 100

69 0.7 56.4 84.6#

39 0.0 40.6 60.8#



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0



#49

1,4-Dioxane

Concen: 0.547 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.01 min

Lab File: VX010320.D

Acq: 17 Jun 2019 13:35

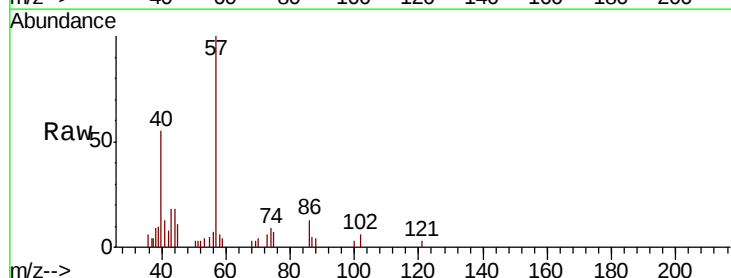
Tgt Ion: 88 Resp: 50

Ion Ratio Lower Upper

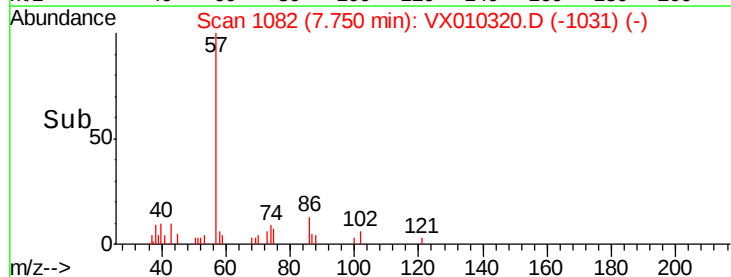
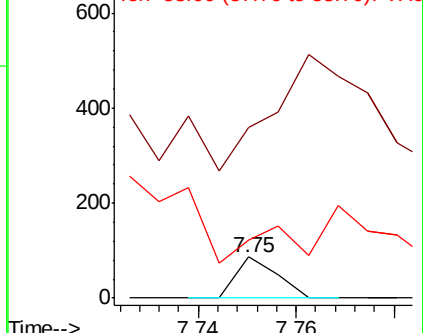
88 100

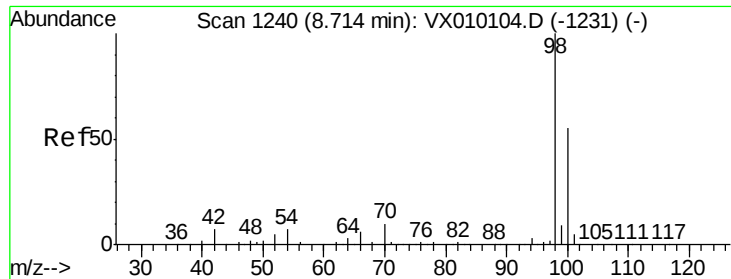
43 0.0 30.2 45.4#

58 0.0 64.0 96.0#



Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 51.145 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010320.D

Acq: 17 Jun 2019 13:35

Instrument :

MSVOA_X

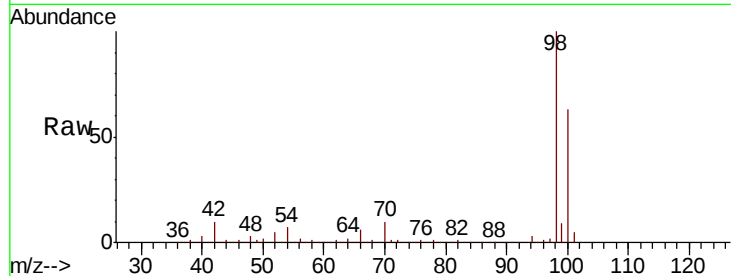
ClientSampleId :

Tot Ion: 98 Resp: 571275

Ion Ratio Lower Upper

98 100

100 63.9 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

400000

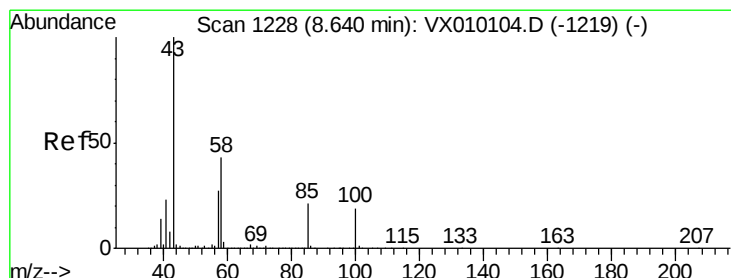
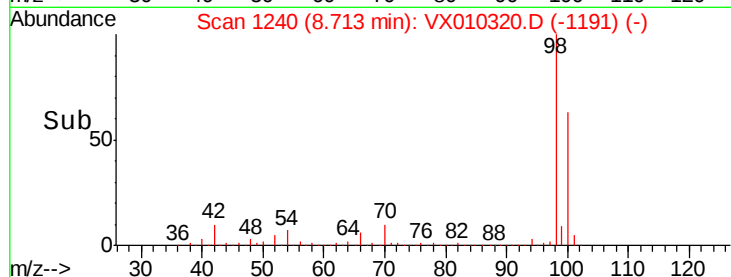
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 23.282 ug/l

RT: 8.61 min Scan# 1223

Delta R.T. -0.03 min

Lab File: VX010320.D

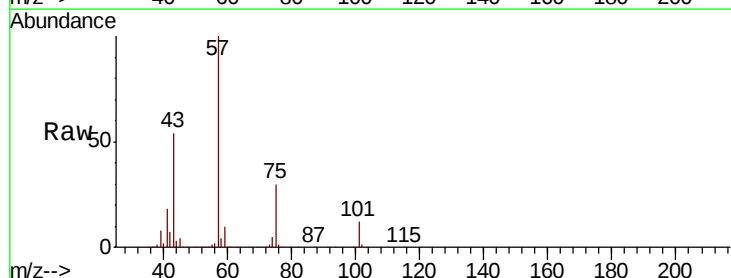
Acq: 17 Jun 2019 13:35

Tgt Ion: 43 Resp: 95381

Ion Ratio Lower Upper

43 100

58 8.8 28.8 43.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.61

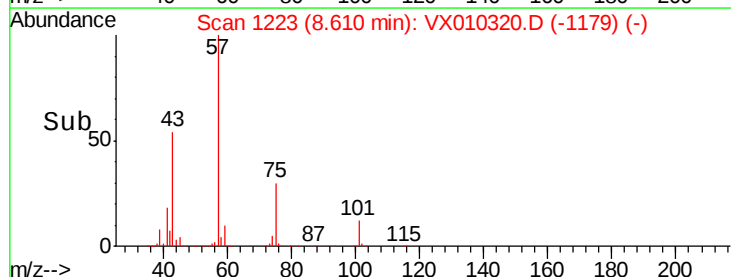
60000

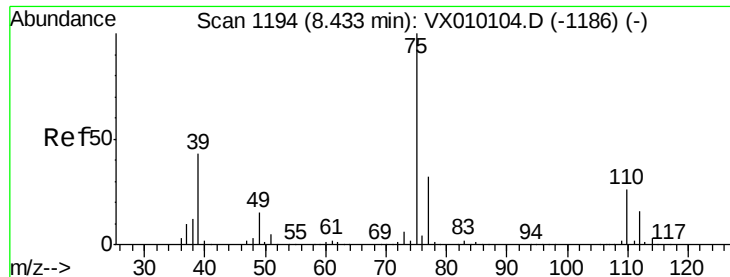
40000

20000

0

Time-->



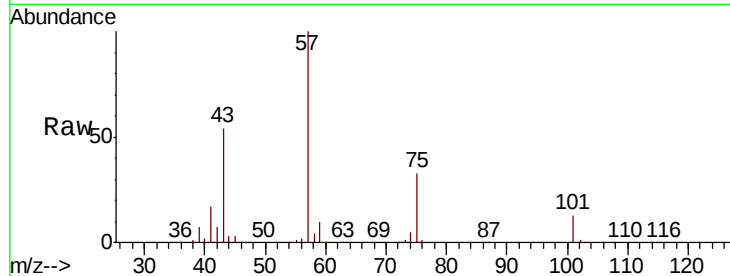


#54

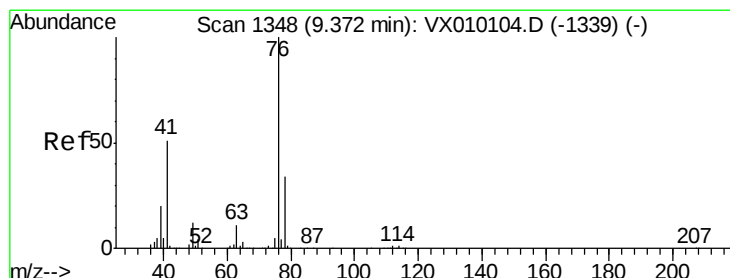
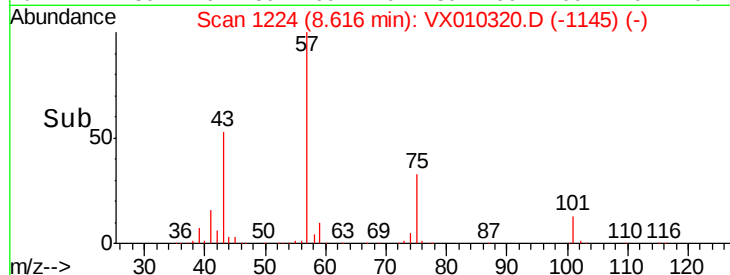
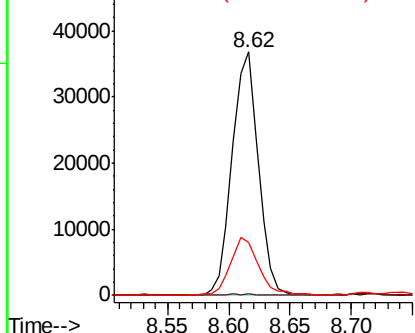
cis-1,3-Dichloropropene
 Concen: 10.278 ug/l
 RT: 8.62 min Scan# 1224
 Delta R.T. 0.18 min
 Lab File: VX010320.D
 Acq: 17 Jun 2019 13:35

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 54433
 Ion Ratio Lower Upper
 75 100
 77 0.4 24.8 37.2#
 39 21.3 43.4 65.0#



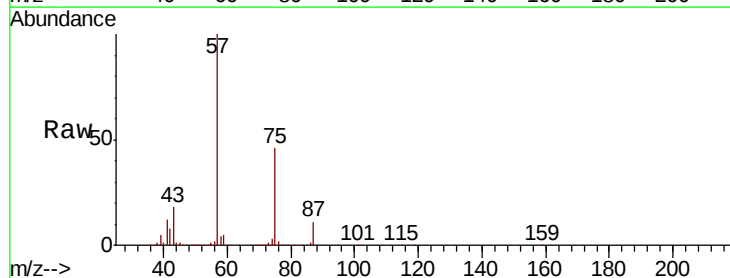
Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 76.90 (76.60 to 77.60): VX0
 Ion 39.00 (38.70 to 39.70): VX0



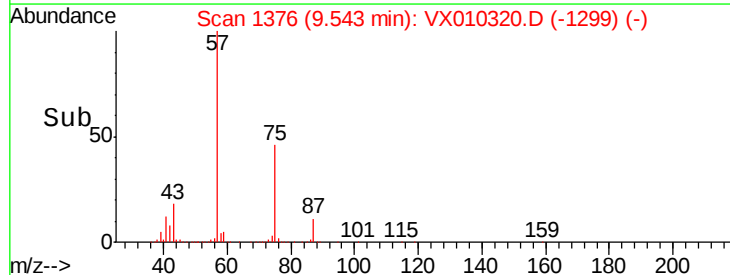
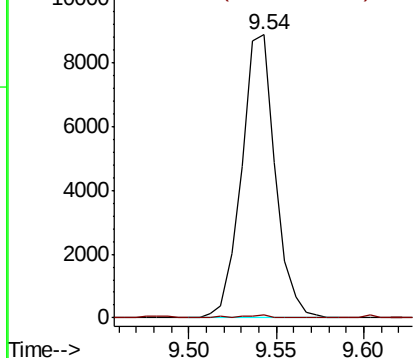
#57

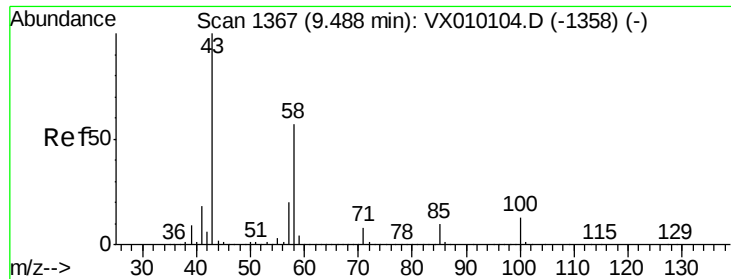
1,3-Dichloropropane
 Concen: 2.296 ug/l
 RT: 9.54 min Scan# 1376
 Delta R.T. 0.17 min
 Lab File: VX010320.D
 Acq: 17 Jun 2019 13:35

Tgt Ion: 76 Resp: 11861
 Ion Ratio Lower Upper
 76 100
 78 0.9 25.4 38.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0
 Ion 77.90 (77.60 to 78.60): VX0

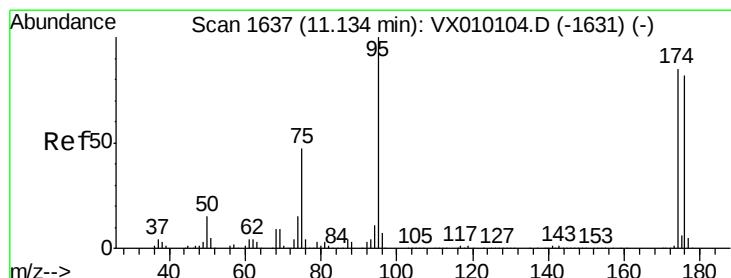
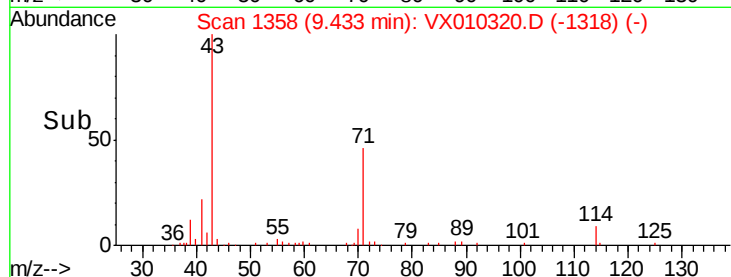
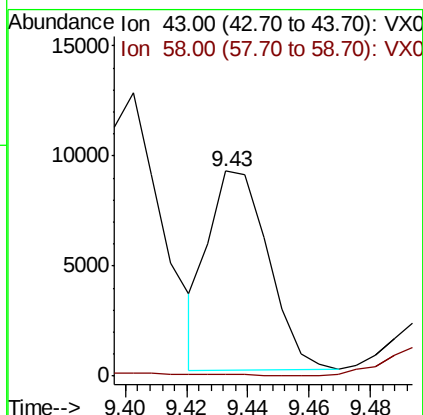
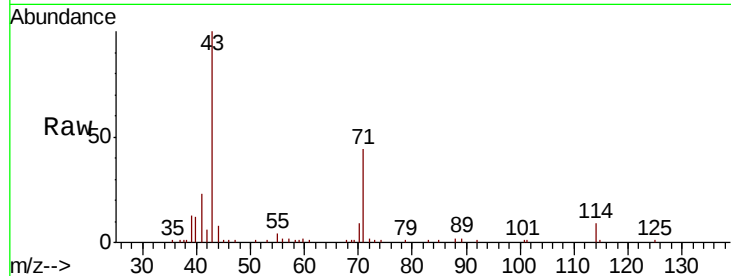




#59
2-Hexanone
Concen: 3.730 ug/l
RT: 9.43 min Scan# 1358
Delta R.T. -0.05 min
Lab File: VX010320.D
Acq: 17 Jun 2019 13:35

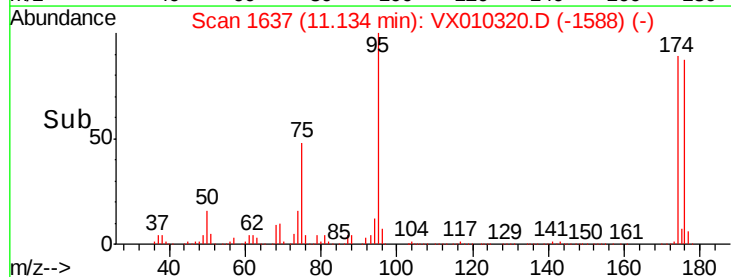
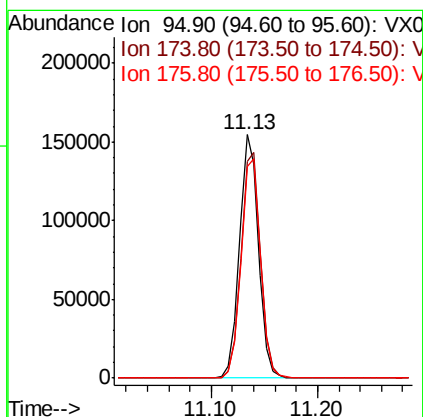
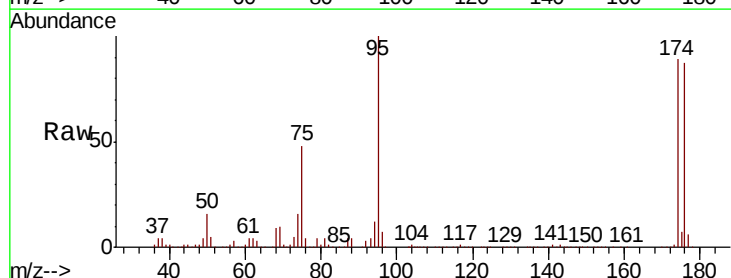
Instrument :
MSVOA_X
ClientSampled :

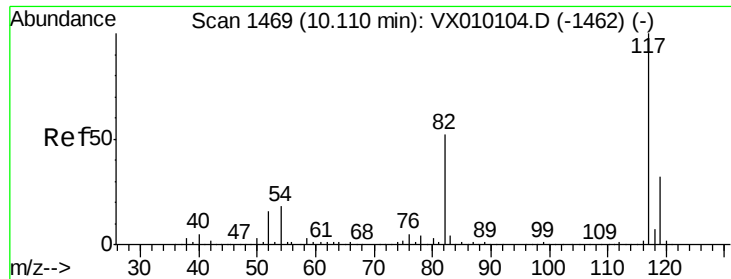
Tot Ion: 43 Resp: 12183
Ion Ratio Lower Upper
43 100
58 0.0 25.1 75.3#



#62
4-Bromofluorobenzene
Concen: 46.402 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010320.D
Acq: 17 Jun 2019 13:35

Tgt Ion: 95 Resp: 193564
Ion Ratio Lower Upper
95 100
174 95.1 0.0 160.4
176 92.9 0.0 154.6

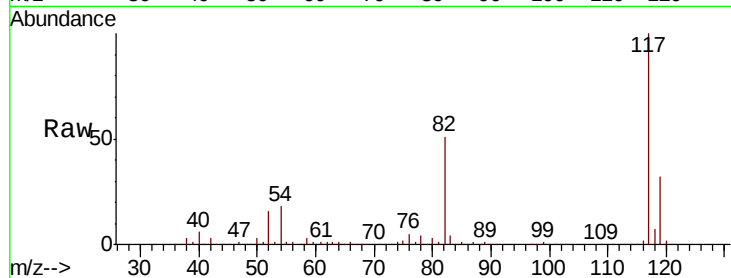




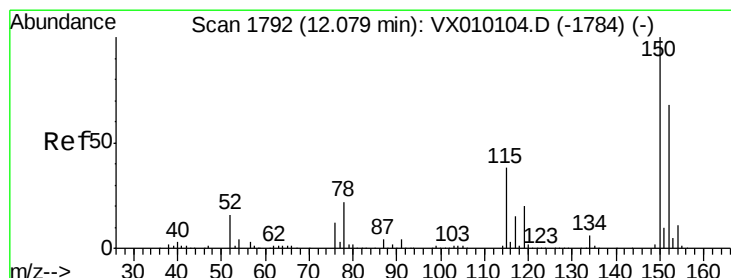
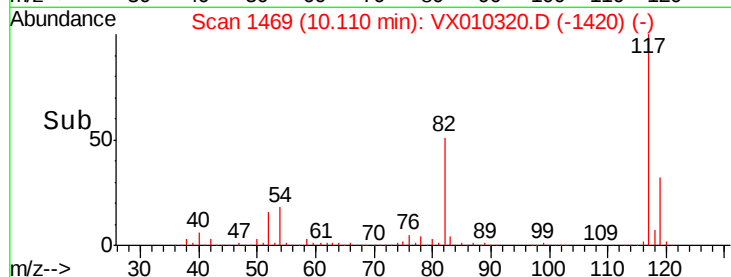
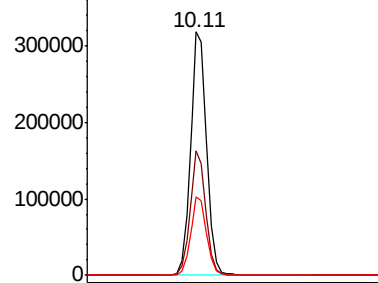
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010320.D
Acq: 17 Jun 2019 13:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 439519
Ion Ratio Lower Upper
117 100
82 50.9 49.2 73.8
119 32.4 25.2 37.8

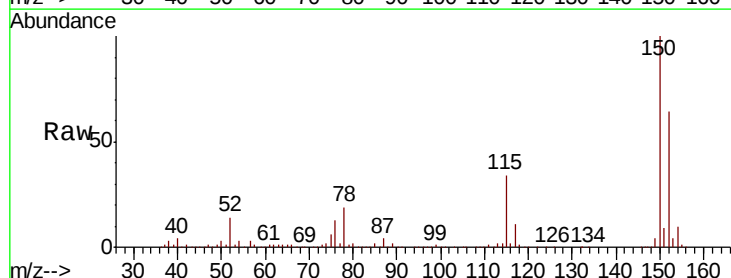


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

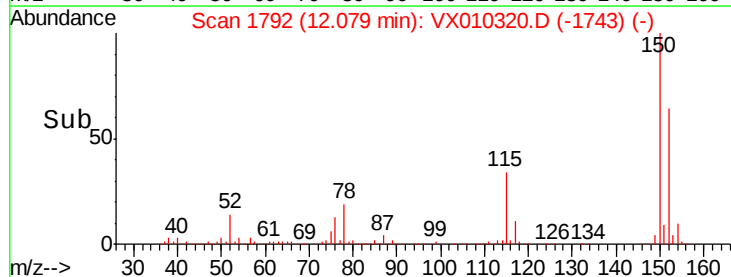
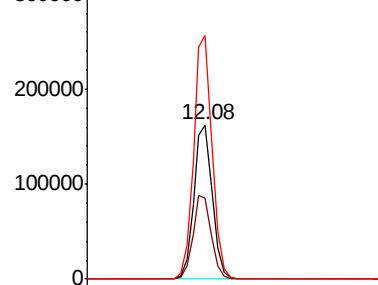


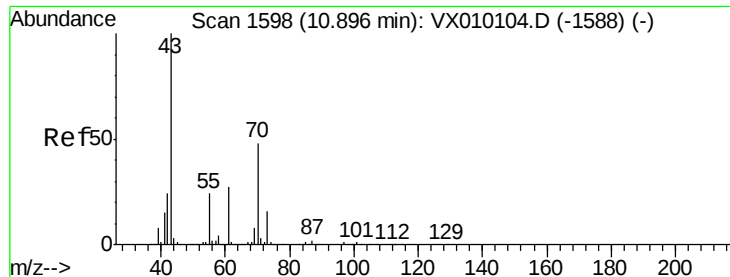
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010320.D
Acq: 17 Jun 2019 13:35

Tgt Ion:152 Resp: 204651
Ion Ratio Lower Upper
152 100
115 54.6 41.4 124.2
150 157.8 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





#74

N-amvl acetate

Concen: 0.250 ug/l

RT: 10.83 min Scan# 1587

Delta R.T. -0.07 min

Lab File: VX010320.D

Acq: 17 Jun 2019 13:35

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 1412

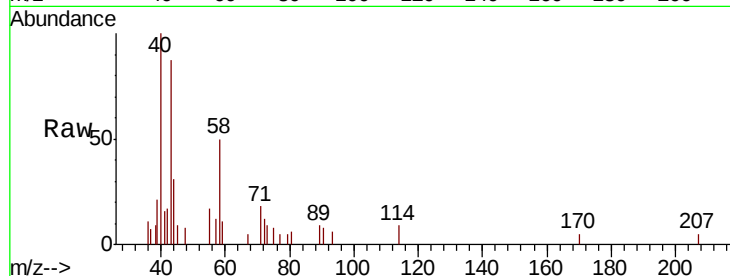
Ion Ratio Lower Upper

43 100

70 0.0 28.6 43.0#

55 16.2 17.8 26.8#

61 0.0 17.7 26.5#

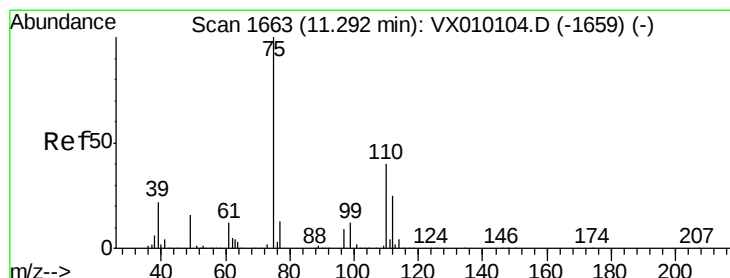
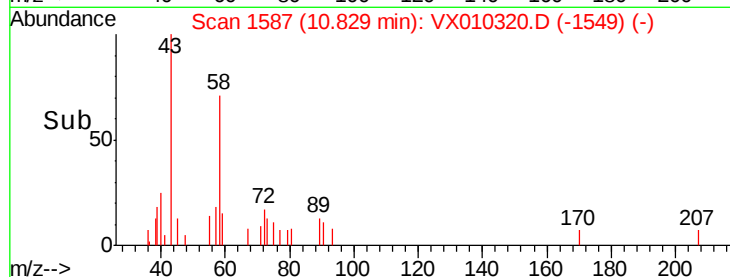
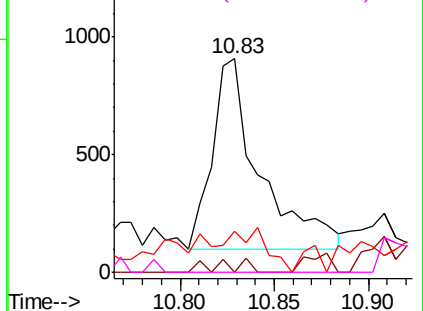


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 21.886 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010320.D

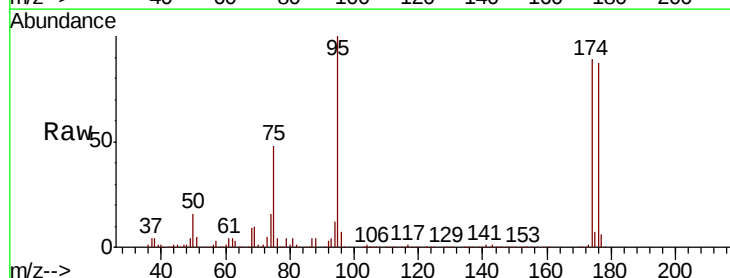
Acq: 17 Jun 2019 13:35

Tgt Ion: 75 Resp: 89588

Ion Ratio Lower Upper

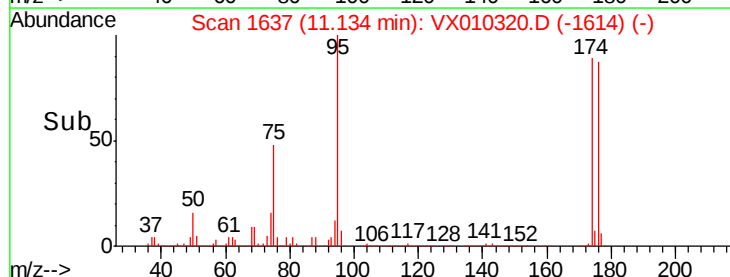
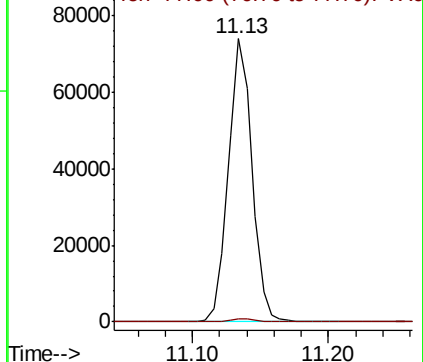
75 100

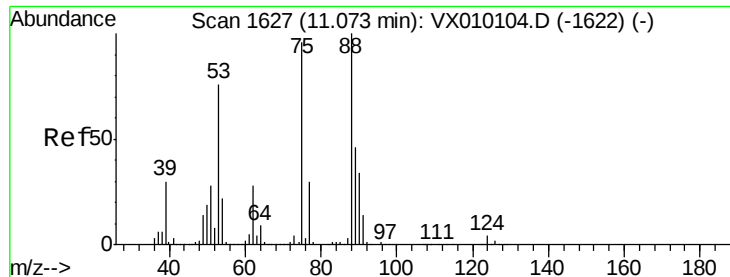
77 1.2 22.1 66.1#



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: 48.355 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010320.D

Acq: 17 Jun 2019 13:35

Instrument :

MSVOA_X

ClientSampled :

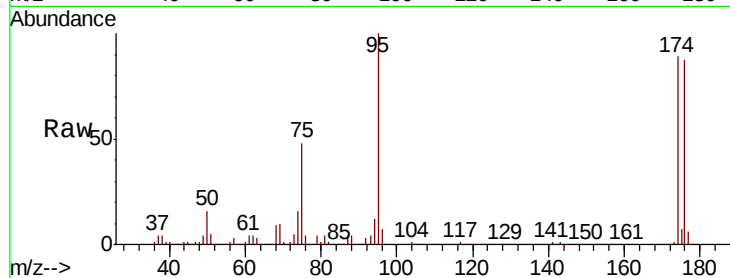
Tot Ion: 75 Resp: 89588

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

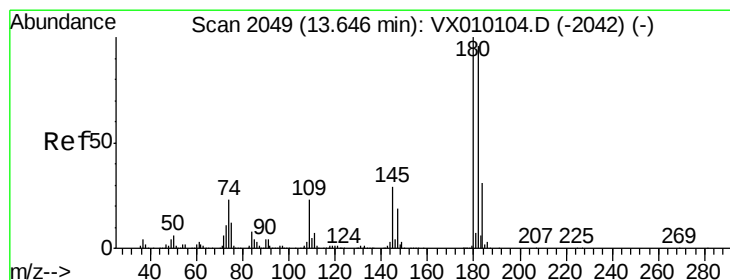
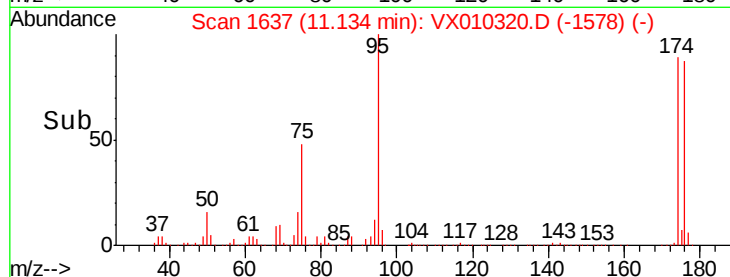
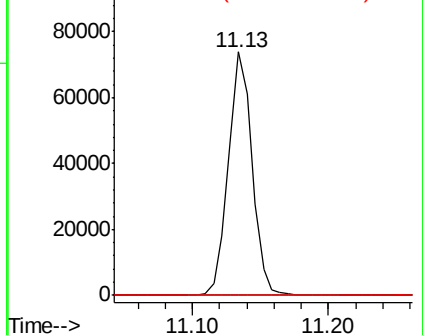
89 0.0 34.2 51.4#



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



#93

1,2,4-Trichlorobenzene

Concen: 0.221 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX010320.D

Acq: 17 Jun 2019 13:35

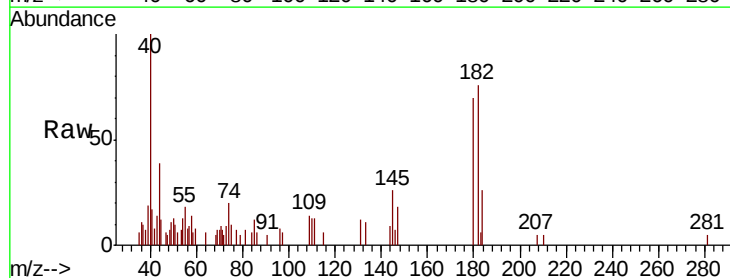
Tgt Ion:180 Resp: 1088

Ion Ratio Lower Upper

180 100

182 100.4 47.4 142.2

145 35.8 14.5 43.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

