

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071619\
 Data File : VX010915.D
 Acq On : 16 Jul 2019 18:38
 Operator : JC/SP
 Sample : K3791-13DL 4X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0604DL

Quant Time: Jul 17 05:04:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 04:37:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	222992	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	349298	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	327429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	157218	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	115653	48.75	ug/l	0.00
Spiked Amount			Recovery	=	97.50%	
35) Dibromofluoromethane	5.50	113	107667	48.56	ug/l	0.00
Spiked Amount			Recovery	=	97.12%	
50) Toluene-d8	8.71	98	421386	50.68	ug/l	0.00
Spiked Amount			Recovery	=	101.36%	
62) 4-Bromofluorobenzene	11.13	95	148585	48.61	ug/l	0.00
Spiked Amount			Recovery	=	97.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	142	0.605	ug/l #	43
3) Chloromethane	1.33	50	647	0.316	ug/l	96
5) Bromomethane	1.65	94	740	0.628	ug/l #	70
6) Chloroethane	1.67	64	518	0.390	ug/l #	57
11) Tert butyl alcohol	3.02	59	6665	12.064	ug/l #	73
13) Acrolein	2.39	56	10243	32.089	ug/l #	78
14) Allyl chloride	2.85	41	29046	10.068	ug/l #	62
15) Acrylonitrile	3.17	53	6523	5.843	ug/l #	41
16) Acetone	2.45	43	4691	4.378	ug/l #	88
18) Methyl Acetate	2.84	43	72751	29.820	ug/l #	48
20) Methylene Chloride	2.87	84	1014	0.447	ug/l #	1
25) 2-Butanone	4.68	43	3956	2.572	ug/l #	83
31) Cyclohexane	5.59	56	115034	35.713	ug/l	96
36) 1,1-Dichloropropene	5.66	75	14736	5.136	ug/l #	49
38) Carbon Tetrachloride	5.67	117	20702	6.924	ug/l #	18
39) Methylcyclohexane	7.46	83	135269	36.355	ug/l	99
43) Isopropyl Acetate	6.46	43	2007	0.415	ug/l #	65
45) 1,2-Dichloropropane	7.46	63	1628	0.728	ug/l #	1
48) Methyl methacrylate	7.73	41	6577	2.795	ug/l #	49
51) 4-Methyl-2-Pentanone	8.66	43	1841	0.588	ug/l #	68
55) 1,1,2-Trichloroethane	9.16	97	5839	2.456	ug/l #	20
56) Ethyl methacrylate	9.16	69	1255	0.361	ug/l #	1
60) Dibromochloromethane	9.66	129	20	2.535	ug/l #	11
67) Ethyl Benzene	10.25	91	103304	9.025	ug/l	97
68) m/p-Xylenes	10.36	106	28864	6.574	ug/l	98
73) Isopropylbenzene	11.02	105	47946	4.513	ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	73862	26.034	ug/l #	35
78) n-propylbenzene	11.36	91	105249	8.967	ug/l	100
79) 2-Chlorotoluene	11.45	91	14483	2.054	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	33554	3.780	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	73862	64.689	ug/l #	11
82) 4-Chlorotoluene	11.51	91	4062	0.495	ug/l #	44
84) 1,2,4-Trimethylbenzene	11.80	105	166376	18.596	ug/l	100
85) sec-Butylbenzene	11.94	105	15195	1.487	ug/l	84

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QLast Update : Wed Jul 17 04:37:55 2019
Response via : Initial Calibration

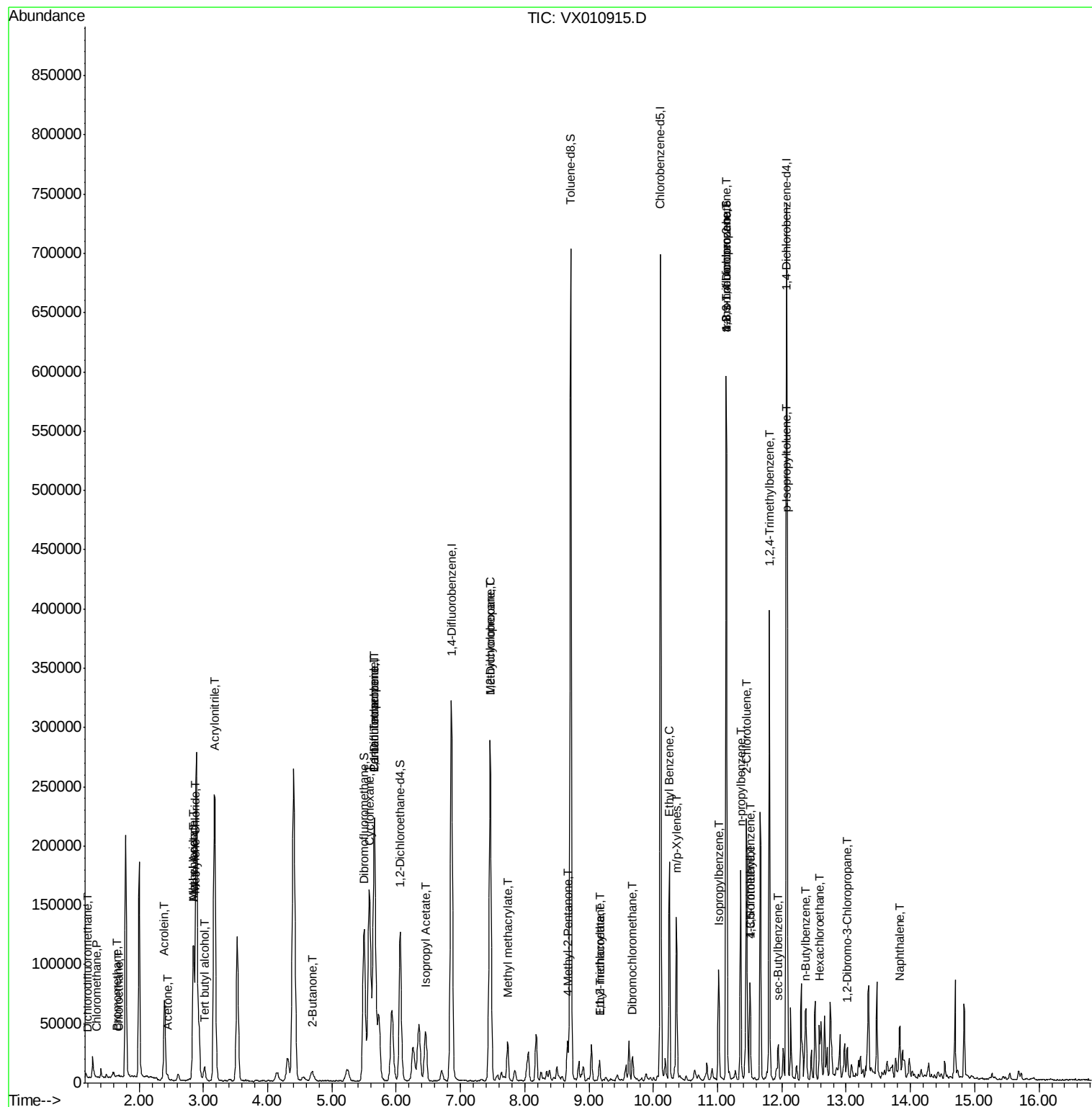
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	12.06	119	11860	1.256	ug/l	97
89) n-Butylbenzene	12.38	91	12701	1.572	ug/l #	53
90) Hexachloroethane	12.58	117	2237	1.502	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	13.02	75	216	0.297	ug/l #	1
95) Naphthalene	13.83	128	25925	2.570	ug/l	98

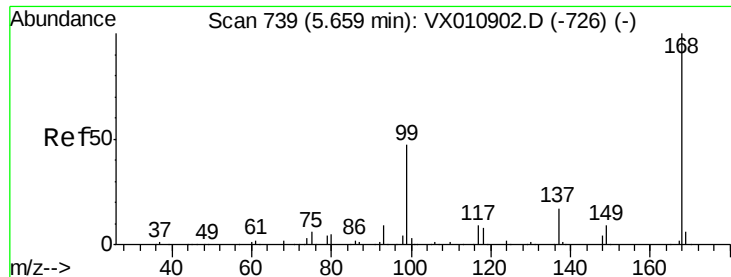
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071619\
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FL-0604DL

Quant Time: Jul 17 05:04:07 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 17 04:37:55 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX010915.D

Acq: 16 Jul 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

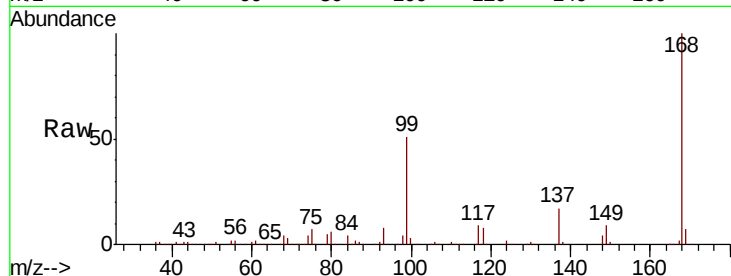
FL-0604DL

Tot Ion:168 Resp: 222992

Ion Ratio Lower Upper

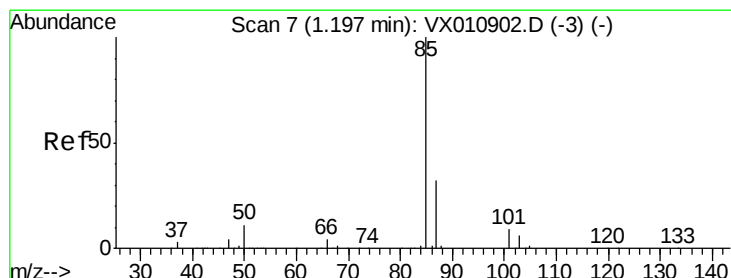
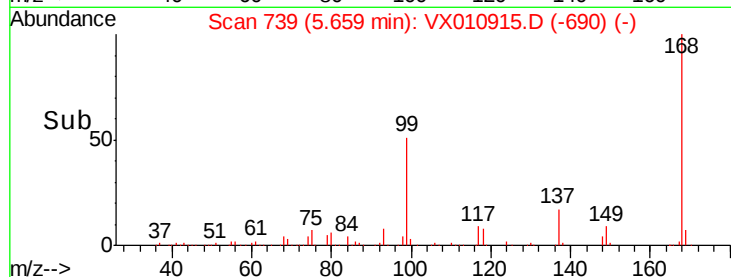
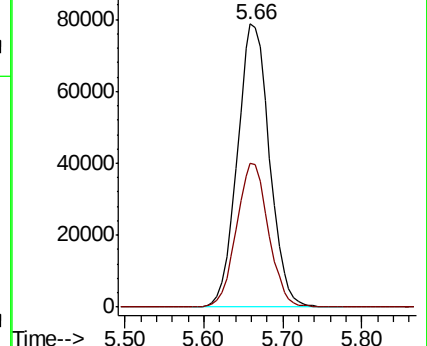
168 100

99 50.5 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.605 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX010915.D

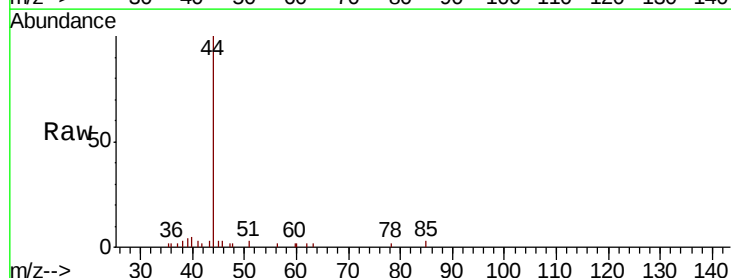
Acq: 16 Jul 2019 18:38

Tgt Ion: 85 Resp: 142

Ion Ratio Lower Upper

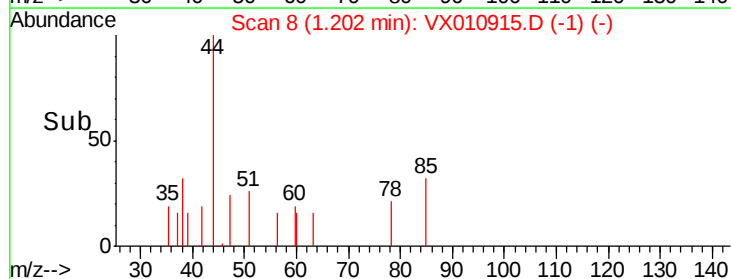
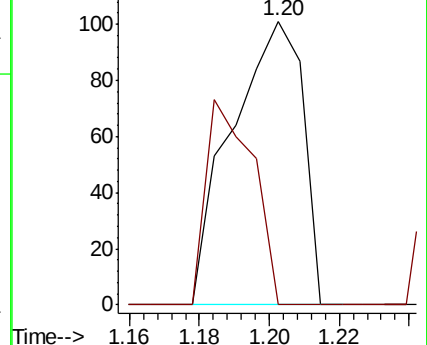
85 100

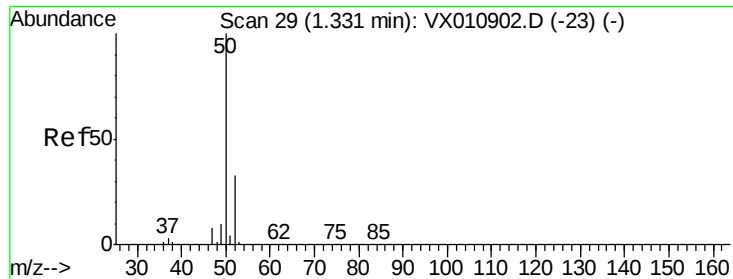
87 0.0 15.9 47.7#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 0.316 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX010915.D

Acq: 16 Jul 2019 18:38

Instrument :

MSVOA_X

ClientSampled :

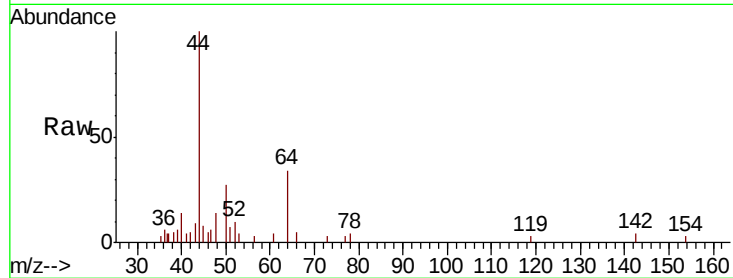
FL-0604DL

Tot Ion: 50 Resp: 647

Ion Ratio Lower Upper

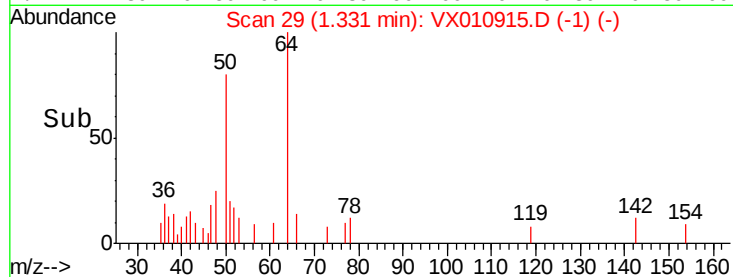
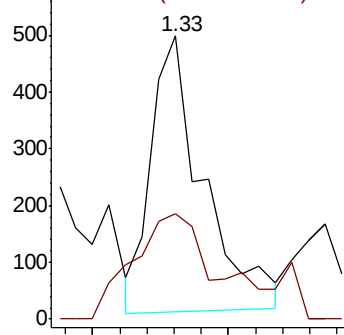
50 100

52 30.6 26.4 39.6

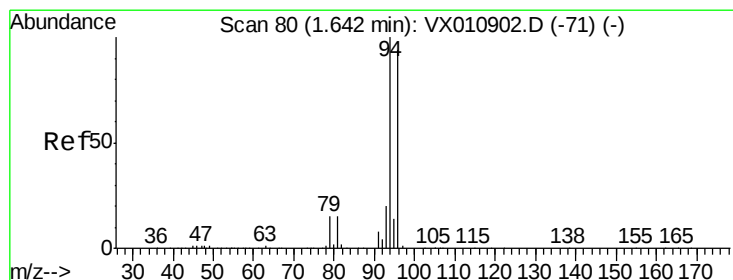


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#5

Bromomethane

Concen: 0.628 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.01 min

Lab File: VX010915.D

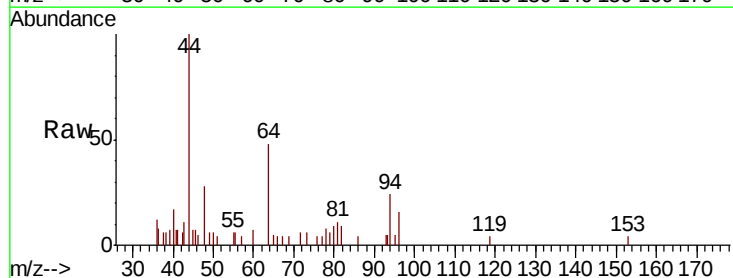
Acq: 16 Jul 2019 18:38

Tgt Ion: 94 Resp: 740

Ion Ratio Lower Upper

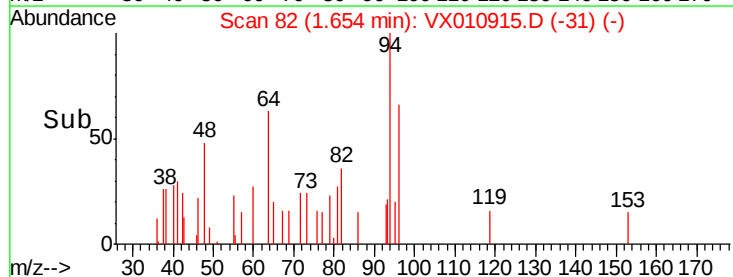
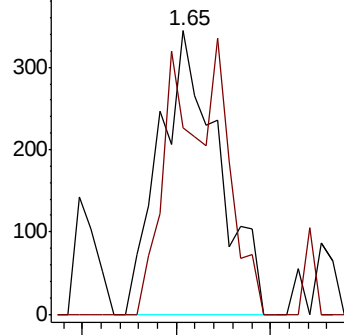
94 100

96 65.7 75.6 113.4#

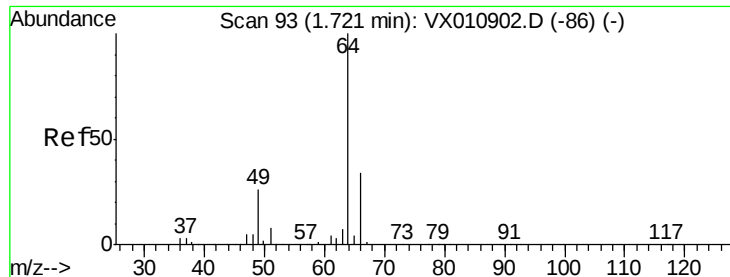


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 0.390 ug/l

RT: 1.67 min Scan# 85

Delta R.T. -0.05 min

Lab File: VX010915.D

Acq: 16 Jul 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

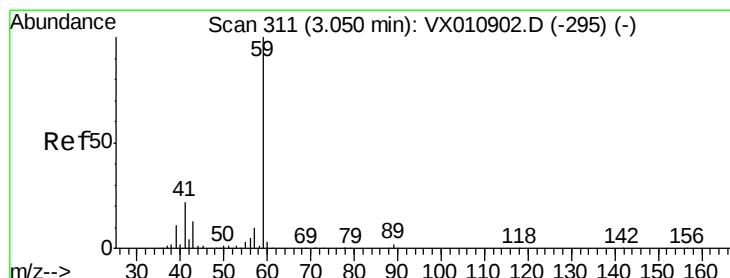
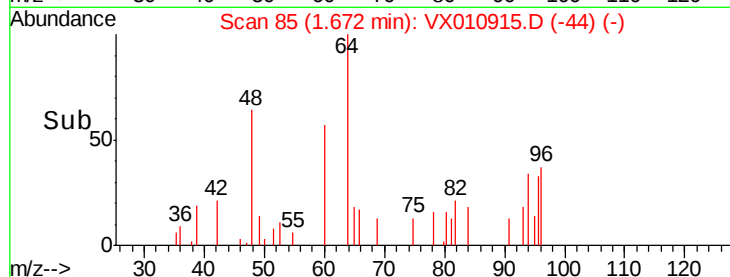
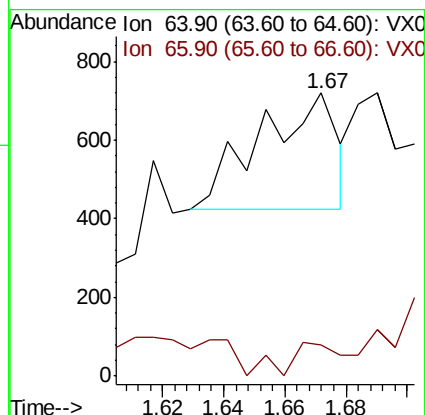
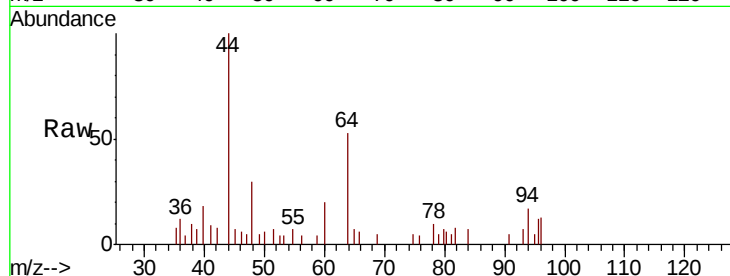
FL-0604DL

Tot Ion: 64 Resp: 518

Ion Ratio Lower Upper

64 100

66 9.5 27.0 40.6#



#11

Tert butyl alcohol

Concen: 12.064 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.03 min

Lab File: VX010915.D

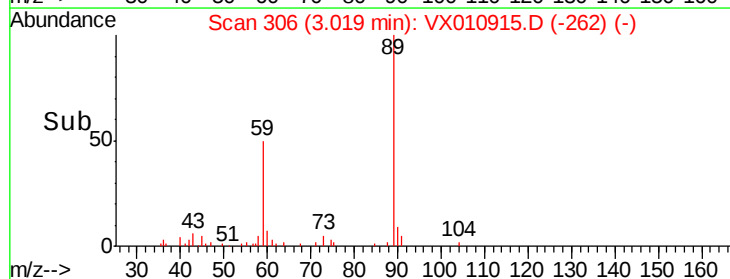
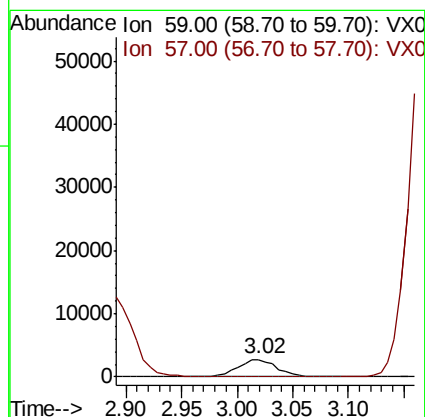
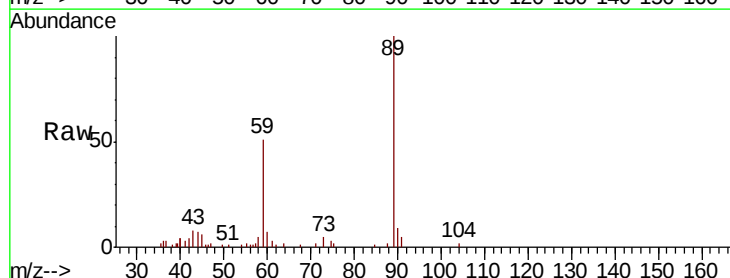
Acq: 16 Jul 2019 18:38

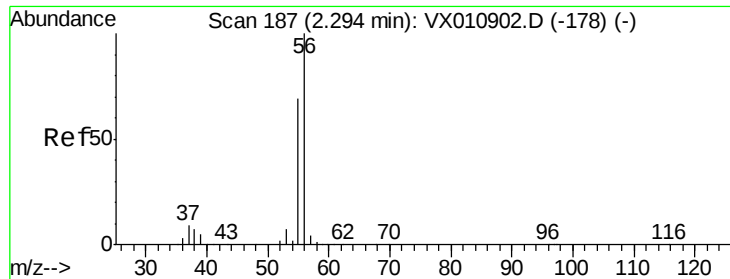
Tgt Ion: 59 Resp: 6665

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#





#13

Acrolein

Concen: 32.089 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.10 min

Lab File: VX010915.D

Acq: 16 Jul 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

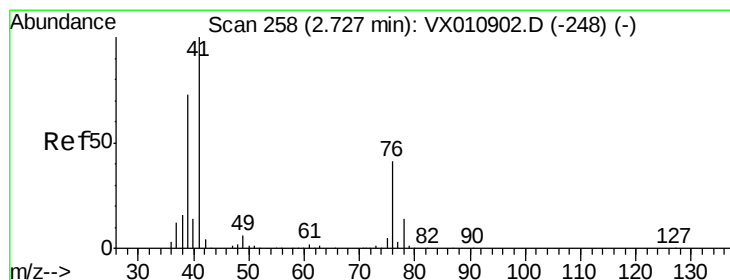
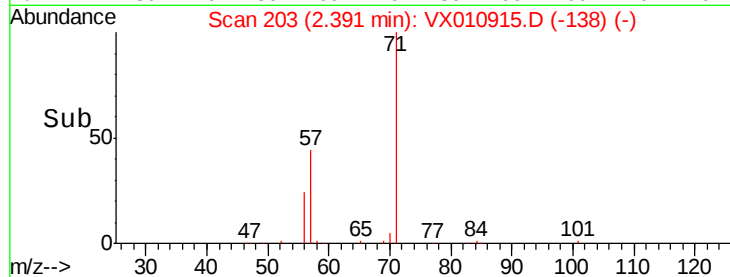
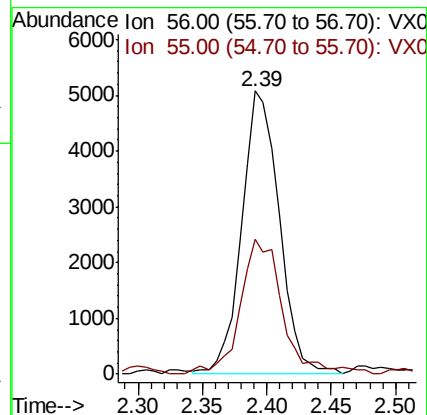
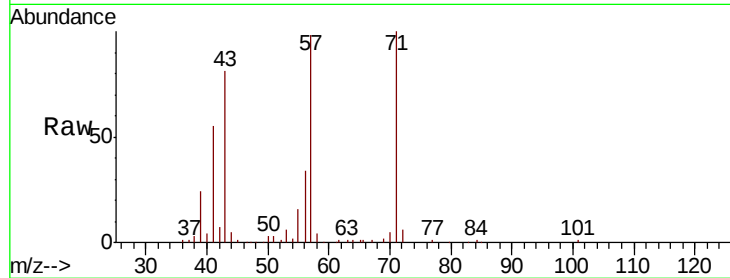
FL-0604DL

Tot Ion: 56 Resp: 10243

Ion Ratio Lower Upper

56 100

55 52.3 55.9 83.9#



#14

Allyl chloride

Concen: 10.068 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.12 min

Lab File: VX010915.D

Acq: 16 Jul 2019 18:38

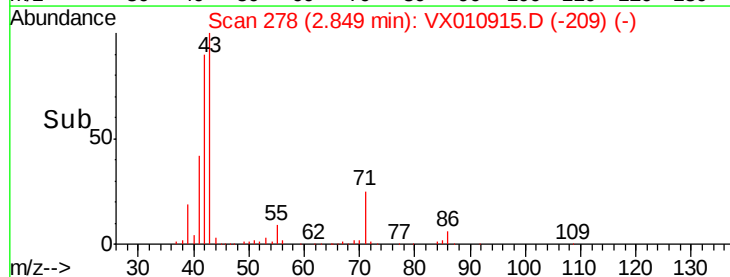
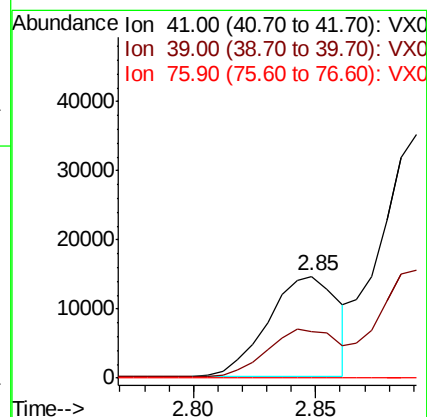
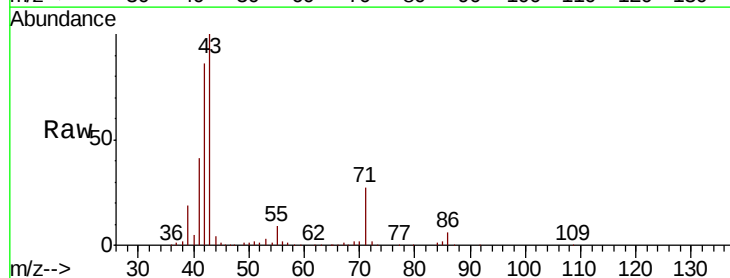
Tgt Ion: 41 Resp: 29046

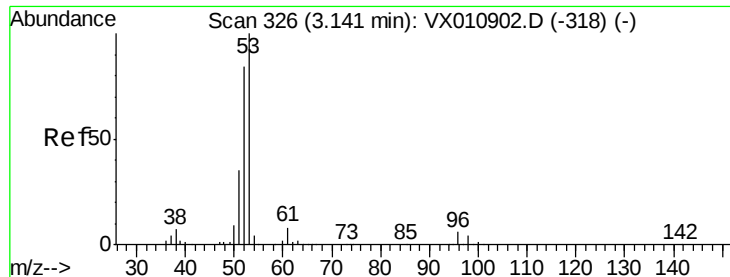
Ion Ratio Lower Upper

41 100

39 47.3 53.6 80.4#

76 0.0 29.7 44.5#





#15

Acrylonitrile

Concen: 5.843 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.03 min

Lab File: VX010915.D

Acq: 16 Jul 2019 18:38

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ClientSampleId :

FL-0604DL

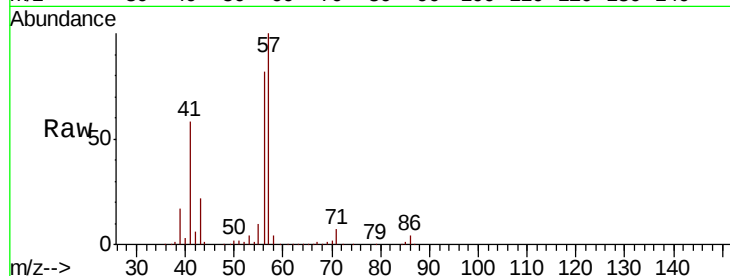
Tot Ion: 53 Resp: 6523

Ion Ratio Lower Upper

53 100

52 22.7 66.5 99.7#

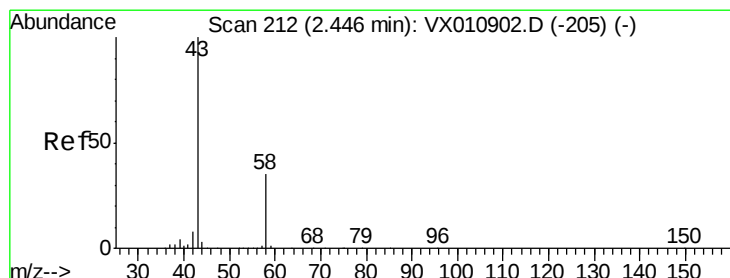
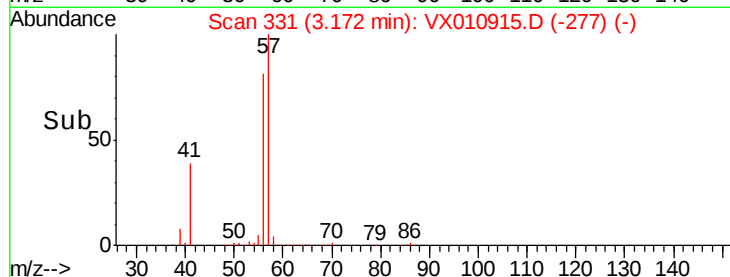
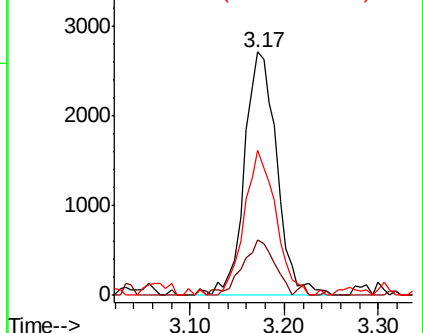
51 57.8 28.2 42.4#



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: 4.378 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010915.D

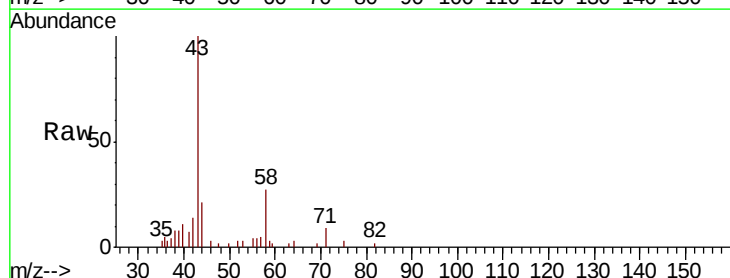
Acq: 16 Jul 2019 18:38

Tgt Ion: 43 Resp: 4691

Ion Ratio Lower Upper

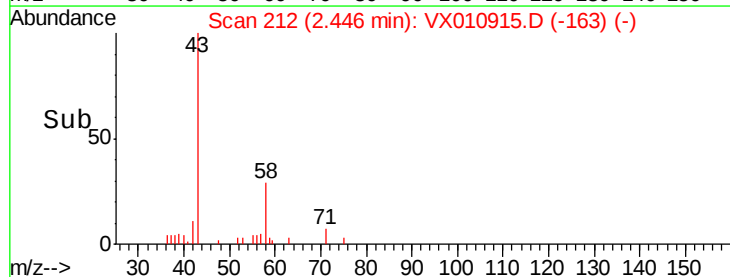
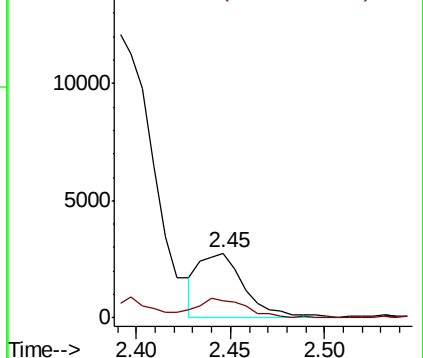
43 100

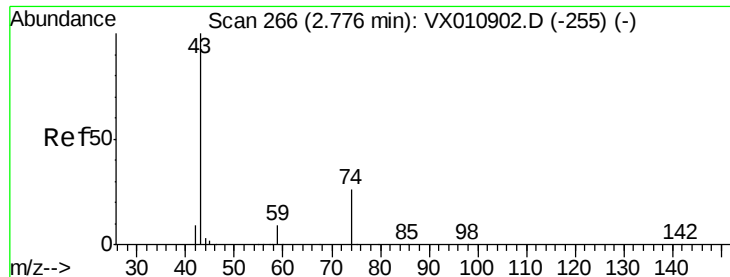
58 27.5 27.7 41.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#18

Methyl Acetate

Concen: 29.820 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.07 min

Lab File: VX010915.D

Acq: 16 Jul 2019 18:38

Instrument :

MSVOA_X

ClientSampleID :

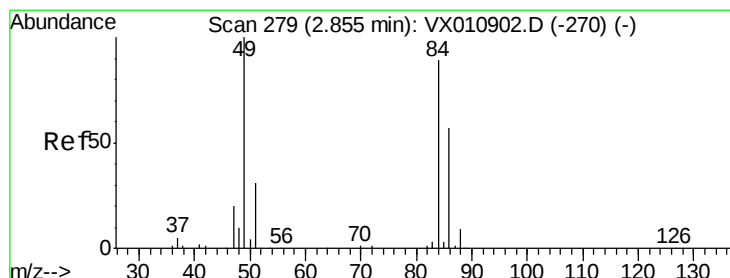
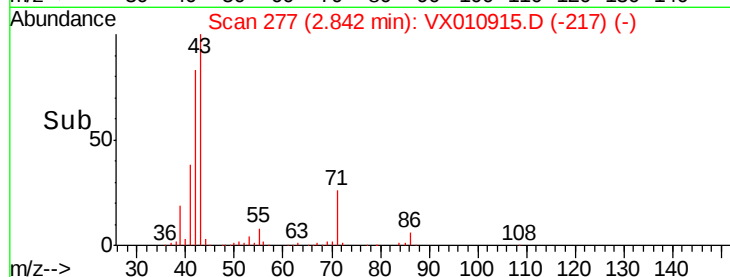
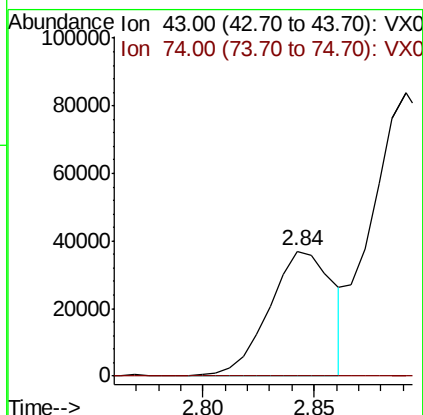
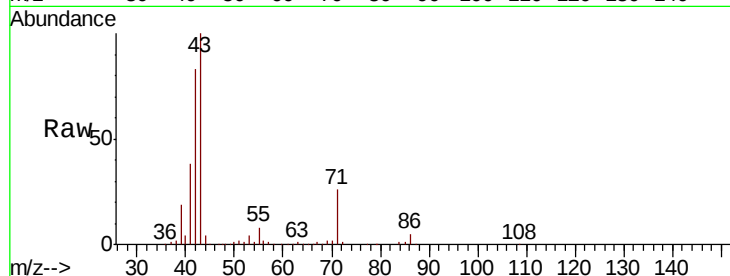
FL-0604DL

Tot Ion: 43 Resp: 72751

Ion Ratio Lower Upper

43 100

74 0.0 21.5 32.3#



#20

Methylene Chloride

Concen: 0.447 ug/l

RT: 2.87 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX010915.D

Acq: 16 Jul 2019 18:38

Tgt Ion: 84 Resp: 1014

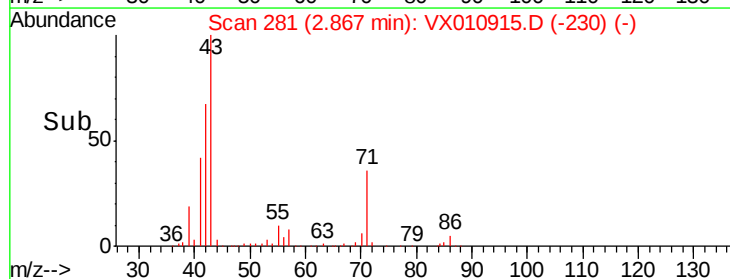
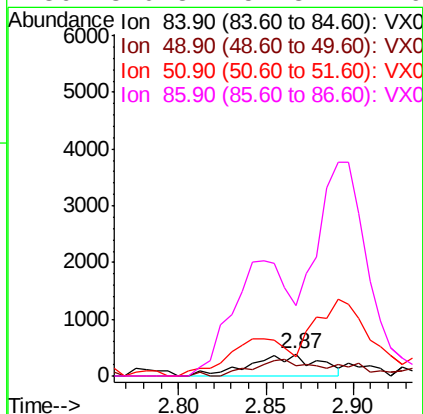
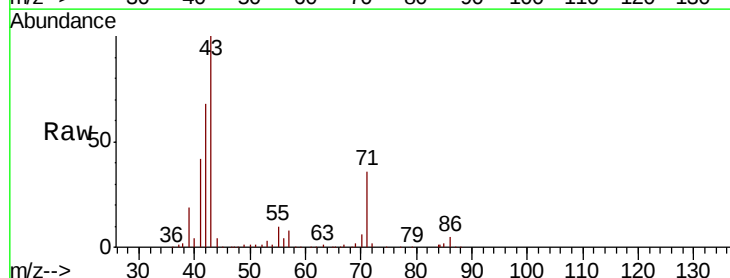
Ion Ratio Lower Upper

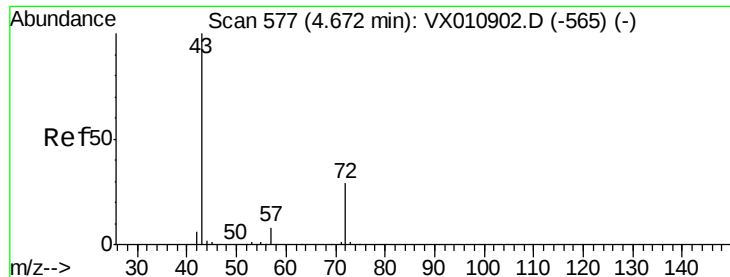
84 100

49 30.4 89.9 134.9#

51 67.8 27.8 41.6#

86 320.8 51.8 77.6#





#25

2-Butanone

Concen: 2.572 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX010915.D

Acq: 16 Jul 2019 18:38

Instrument :

MSVOA_X

ClientSampled :

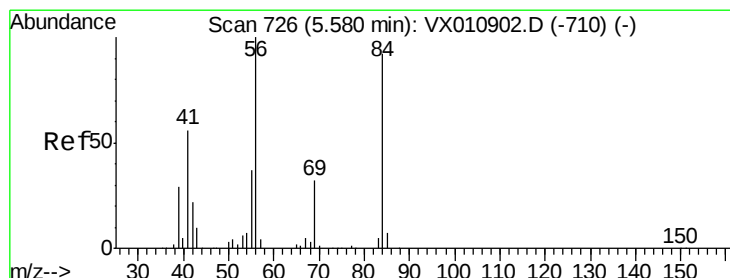
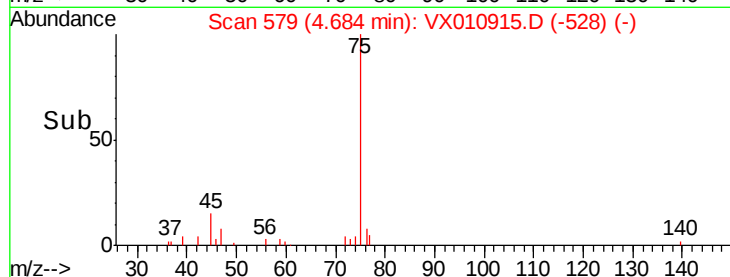
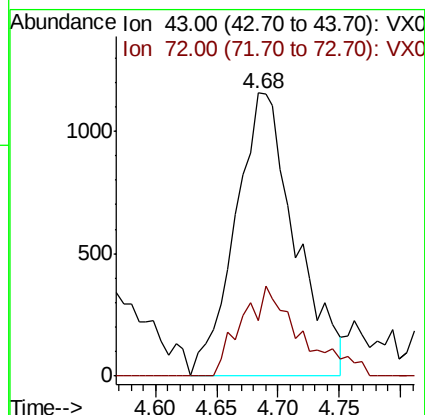
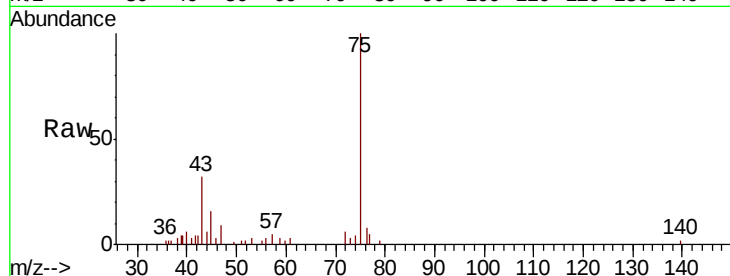
FL-0604DL

Tot Ion: 43 Resp: 3956

Ion Ratio Lower Upper

43 100

72 19.7 23.0 34.6#



#31

Cyclohexane

Concen: 35.713 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX010915.D

Acq: 16 Jul 2019 18:38

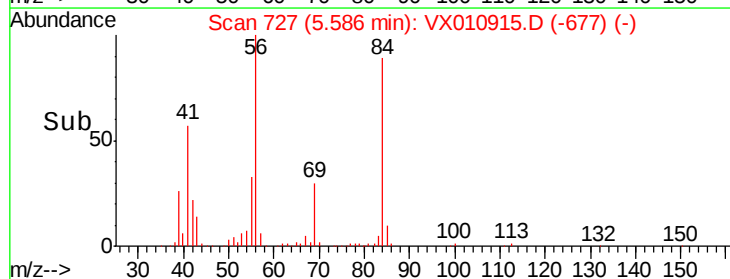
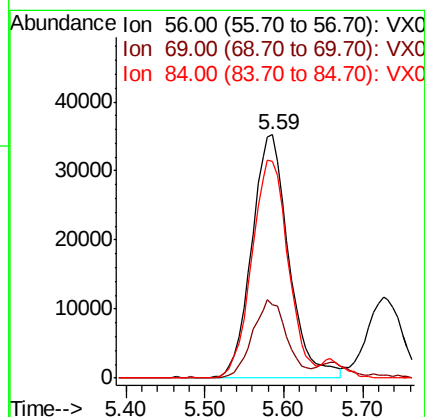
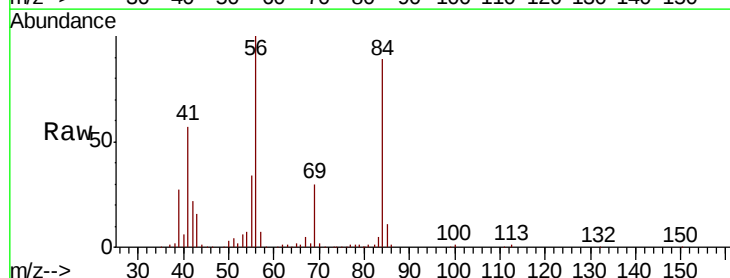
Tgt Ion: 56 Resp: 115034

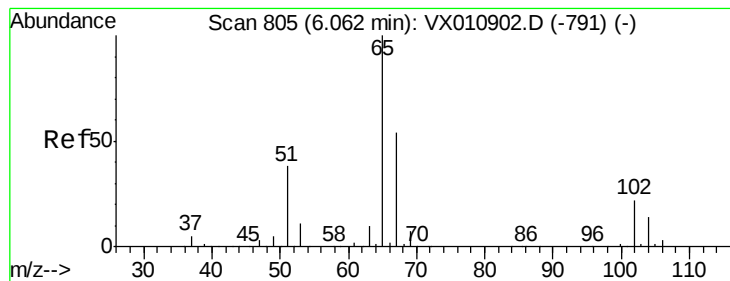
Ion Ratio Lower Upper

56 100

69 29.5 25.8 38.8

84 89.1 73.8 110.6





#33

1,2-Dichloroethane-d4

Concen: 48.752 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX010915.D

Acq: 16 Jul 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

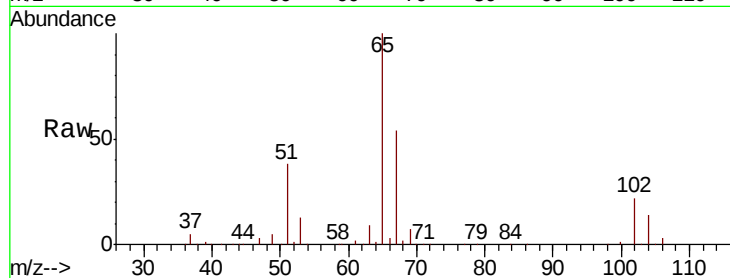
FL-0604DL

Tot Ion: 65 Resp: 115653

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

40000

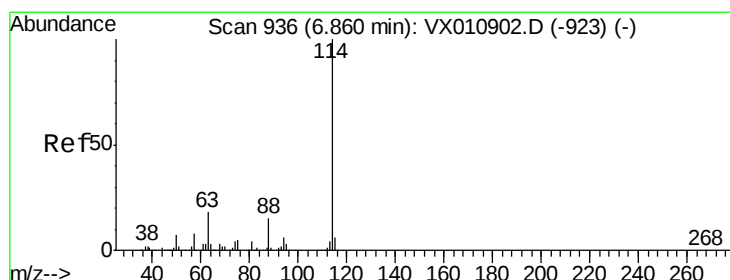
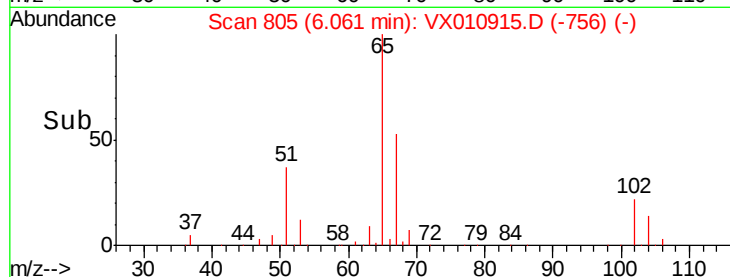
30000

20000

10000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010915.D

Acq: 16 Jul 2019 18:38

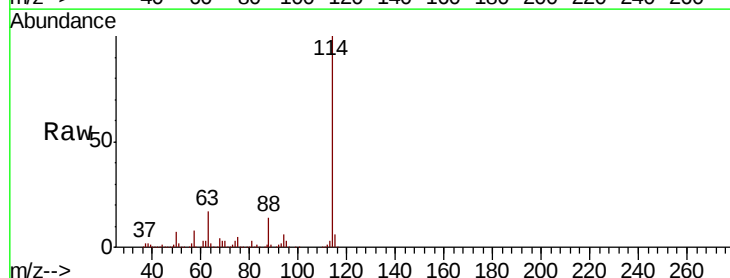
Tgt Ion: 114 Resp: 349298

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.6

88 14.1 0.0 29.8



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

200000

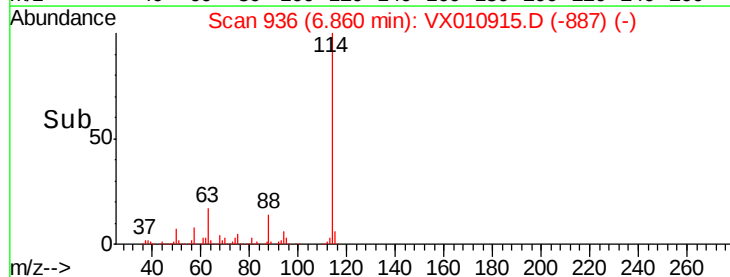
150000

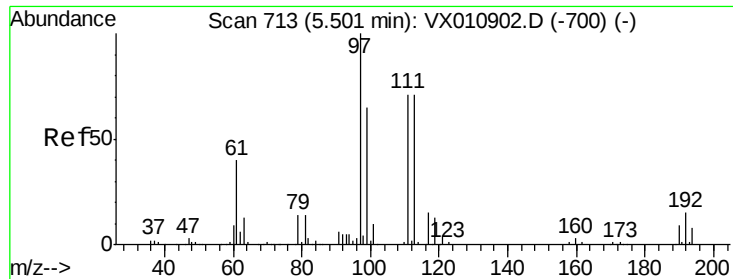
100000

50000

0

Time-->





#35

Dibromofluoromethane

Concen: 48.563 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010915.D

Acq: 16 Jul 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

FL-0604DL

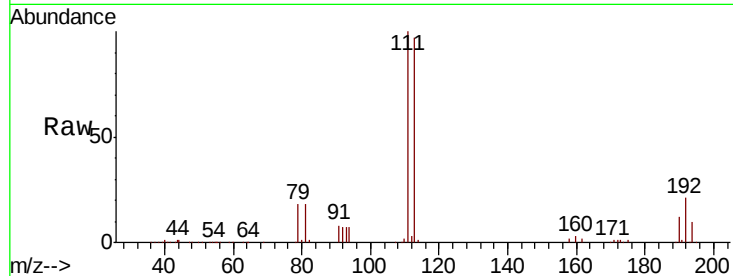
Tot Ion:113 Resp: 107667

Ion Ratio Lower Upper

113 100

111 102.2 82.3 123.5

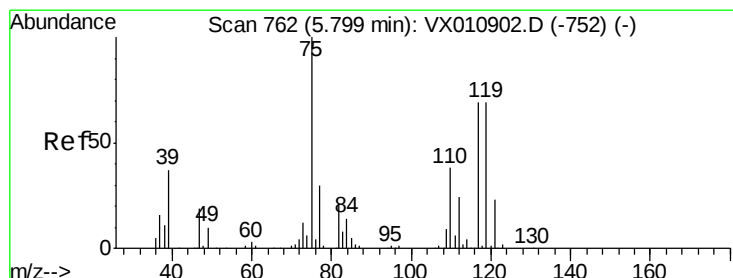
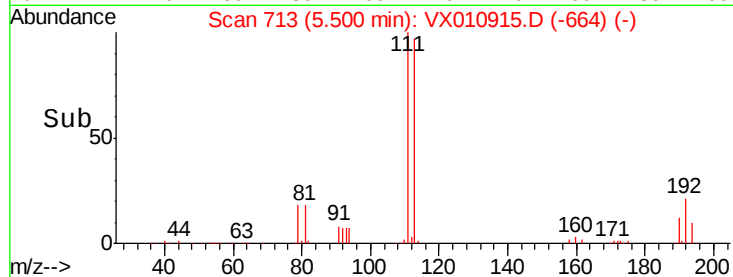
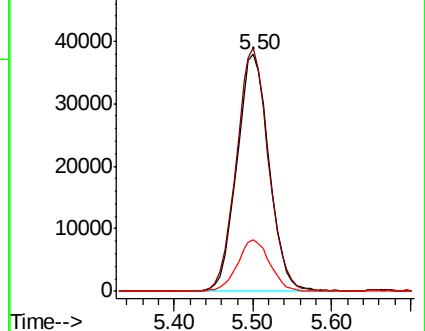
192 21.8 17.4 26.2



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: 5.136 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX010915.D

Acq: 16 Jul 2019 18:38

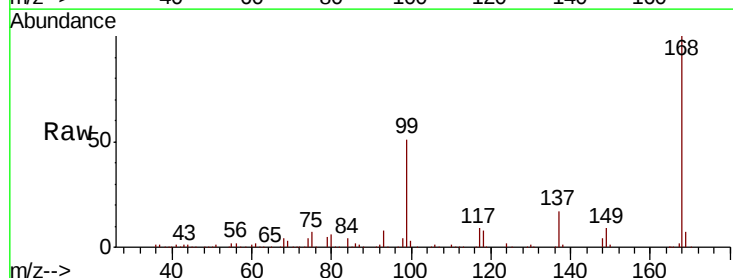
Tgt Ion: 75 Resp: 14736

Ion Ratio Lower Upper

75 100

110 10.6 19.9 59.7#

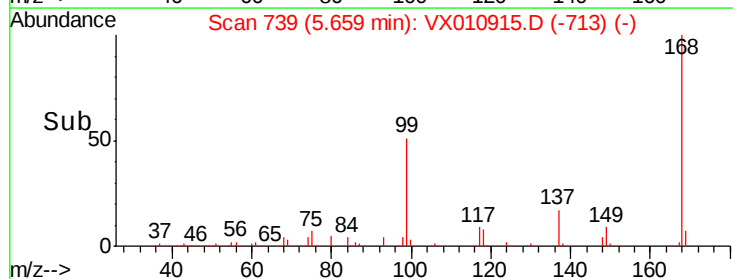
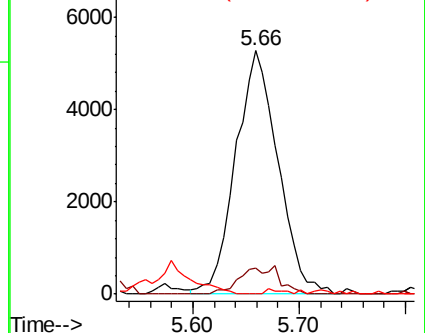
77 0.7 25.0 37.4#

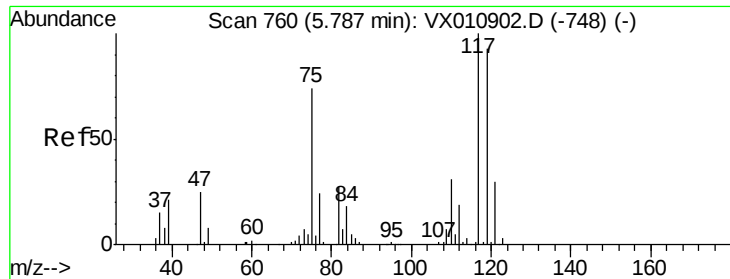


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.924 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX010915.D

Acq: 16 Jul 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

FL-0604DL

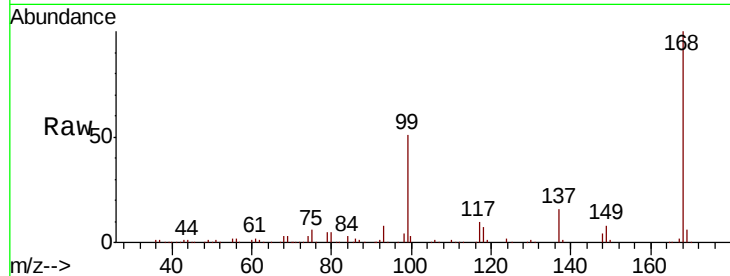
Tot Ion:117 Resp: 20702

Ion Ratio Lower Upper

117 100

119 5.5 74.2 111.2#

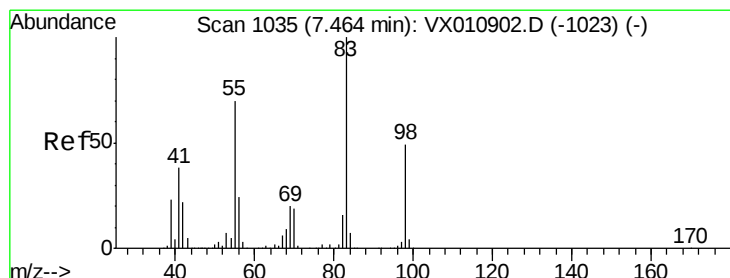
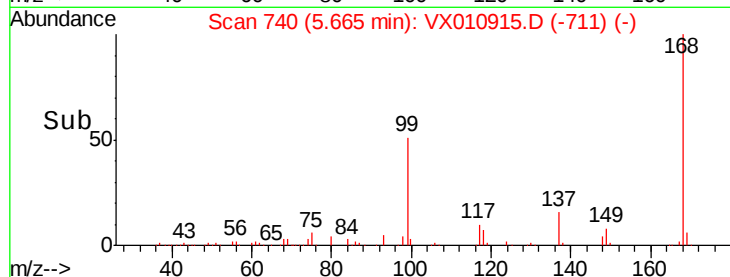
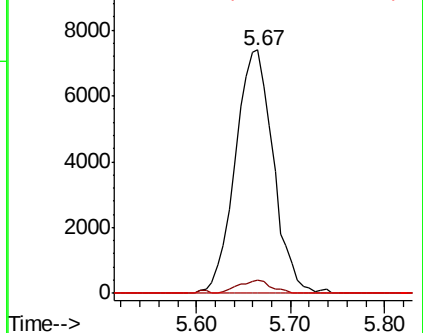
121 0.0 24.2 36.2#



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



#39

Methylcyclohexane

Concen: 36.355 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX010915.D

Acq: 16 Jul 2019 18:38

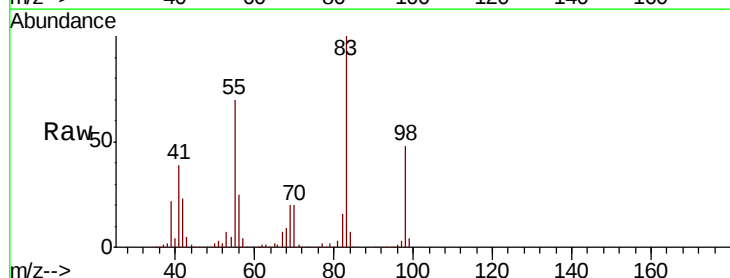
Tgt Ion: 83 Resp: 135269

Ion Ratio Lower Upper

83 100

55 69.6 56.2 84.4

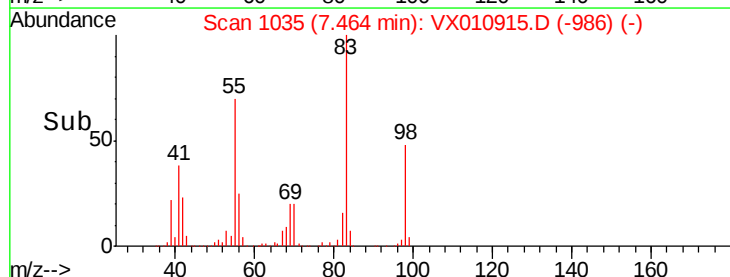
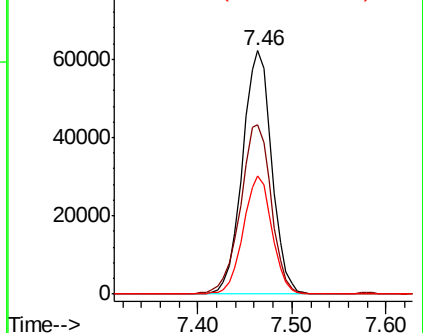
98 48.3 39.0 58.4

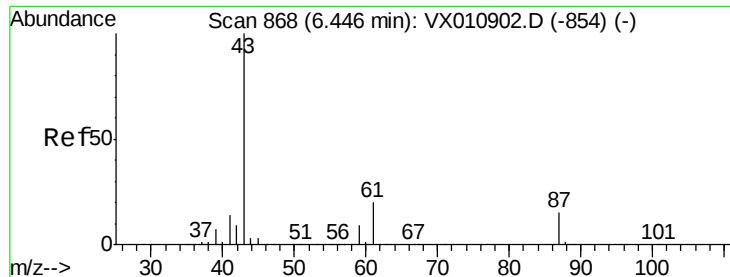


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#43

Isopropyl Acetate

Concen: 0.415 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.02 min

Lab File: VX010915.D

Acq: 16 Jul 2019 18:38

Instrument :

MSVOA_X

ClientSampled :

FL-0604DL

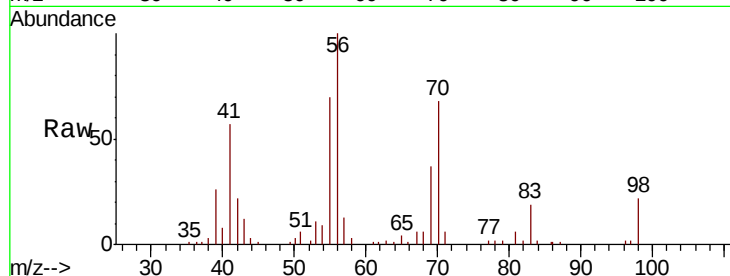
Tot Ion: 43 Resp: 2007

Ion Ratio Lower Upper

43 100

61 4.5 17.1 25.7#

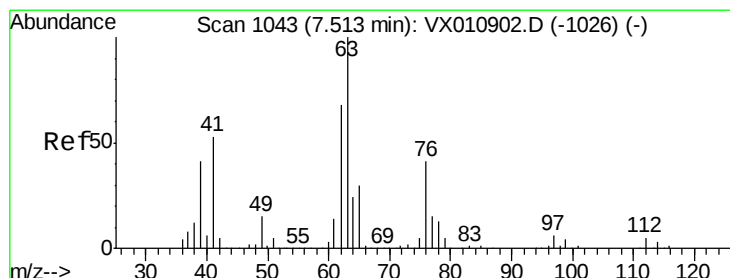
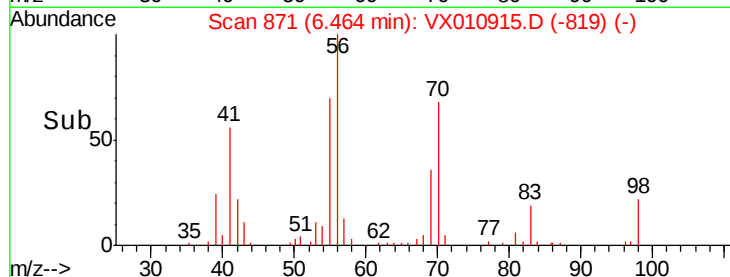
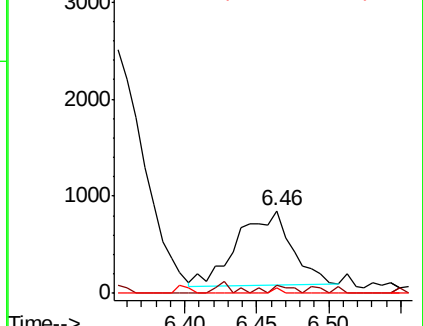
87 0.9 12.0 18.0#



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



#45

1,2-Dichloropropane

Concen: 0.728 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.05 min

Lab File: VX010915.D

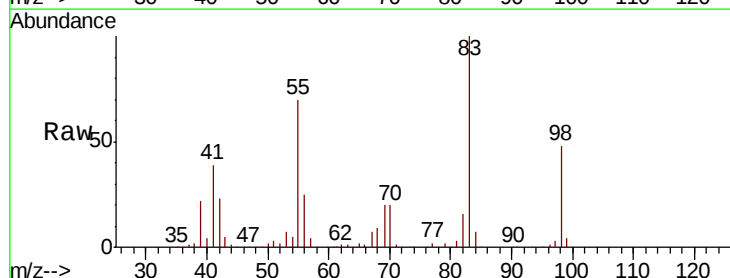
Acq: 16 Jul 2019 18:38

Tgt Ion: 63 Resp: 1628

Ion Ratio Lower Upper

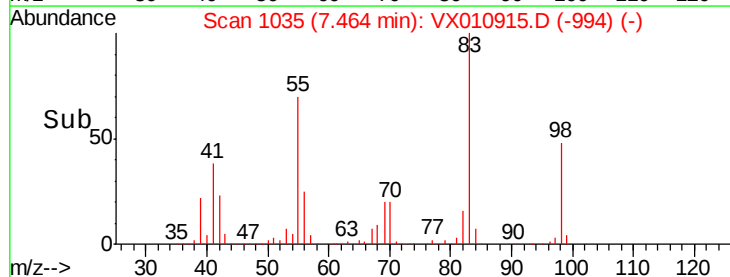
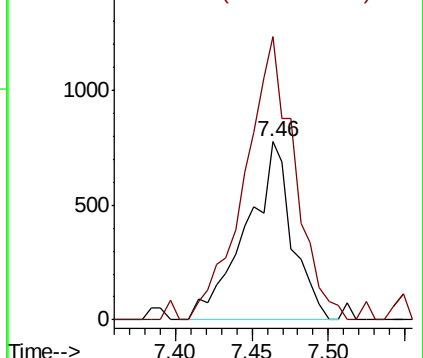
63 100

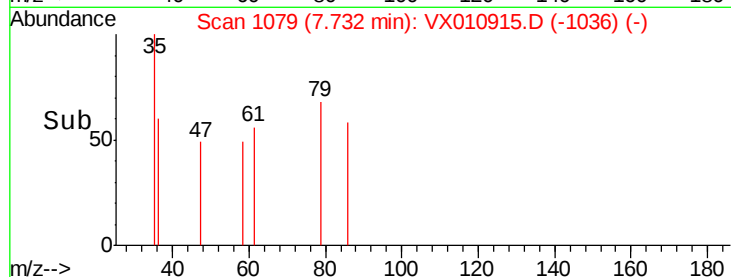
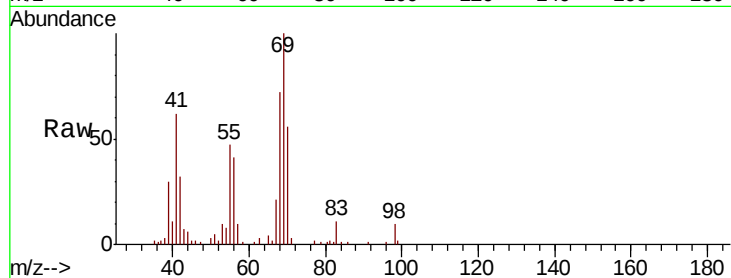
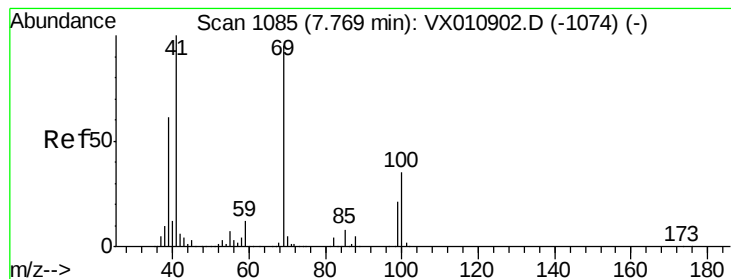
65 159.1 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#48

Methyl methacrylate

Concen: 2.795 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX010915.D

Acq: 16 Jul 2019 18:38

Instrument :

MSVOA_X

ClientSampled :

FL-0604DL

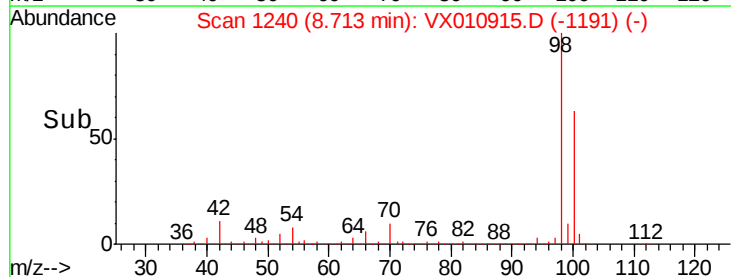
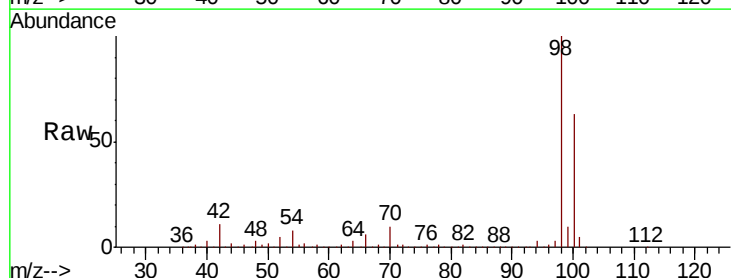
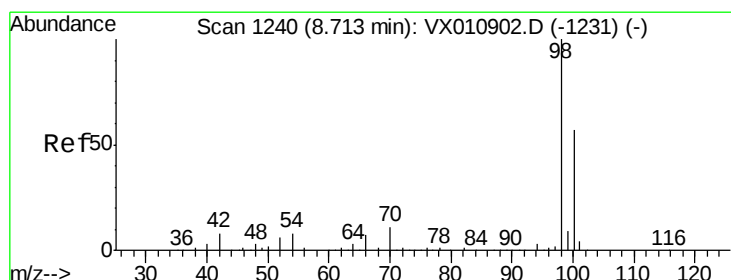
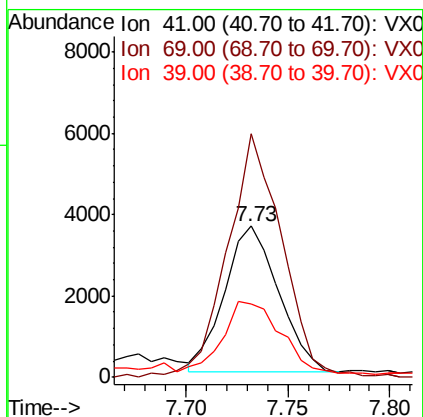
Tot Ion: 41 Resp: 6577

Ion Ratio Lower Upper

41 100

69 169.7 74.4 111.6#

39 54.9 48.9 73.3



#50

Toluene-d8

Concen: 50.675 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX010915.D

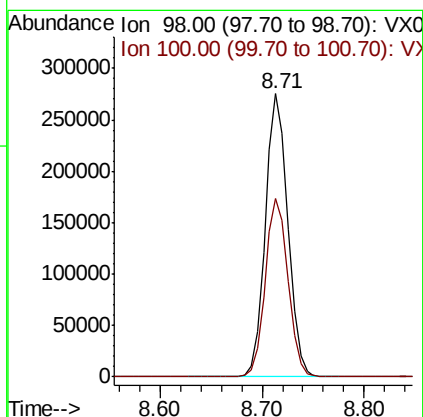
Acq: 16 Jul 2019 18:38

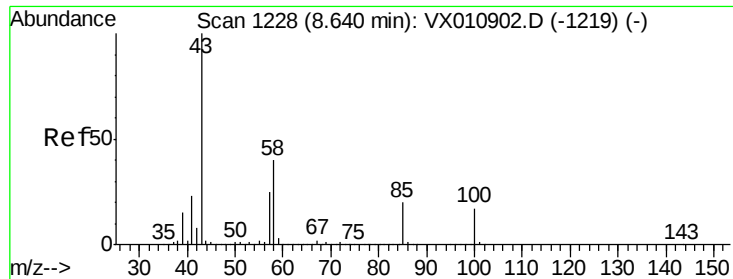
Tgt Ion: 98 Resp: 421386

Ion Ratio Lower Upper

98 100

100 63.8 50.6 75.8

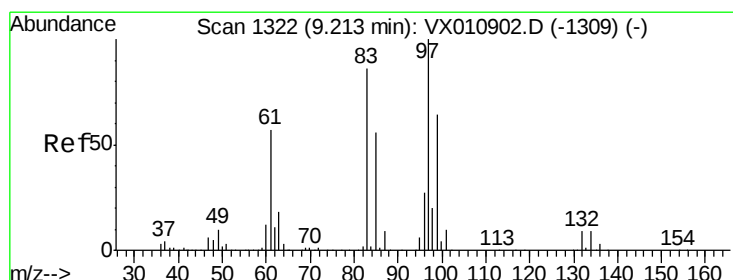
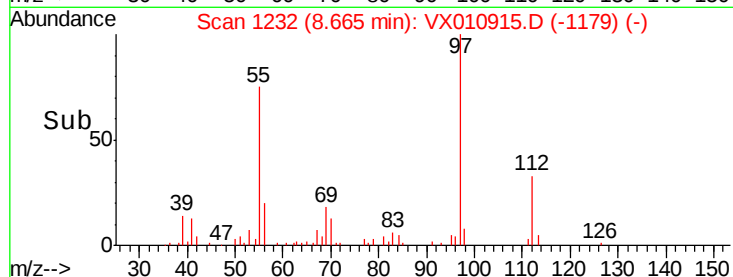
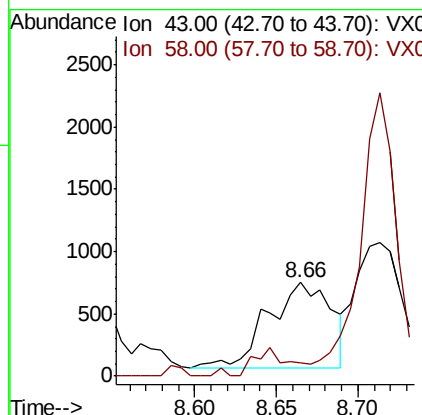
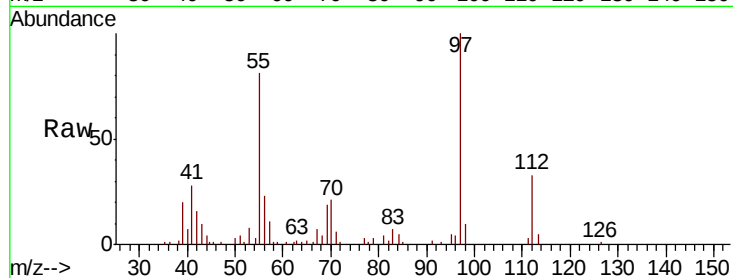




#51
 4-Methyl-2-Pentanone
 Concen: 0.588 ug/l
 RT: 8.66 min Scan# 1232
 Delta R.T. 0.02 min
 Lab File: VX010915.D
 Acq: 16 Jul 2019 18:38

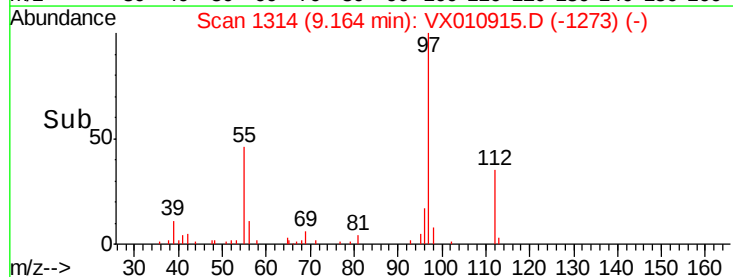
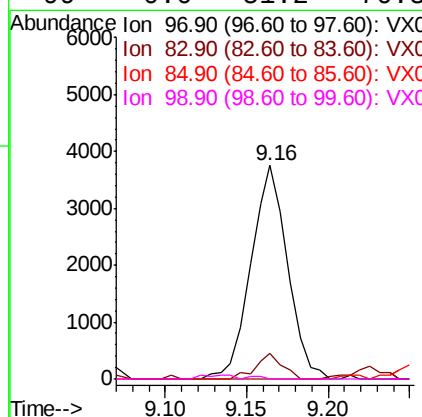
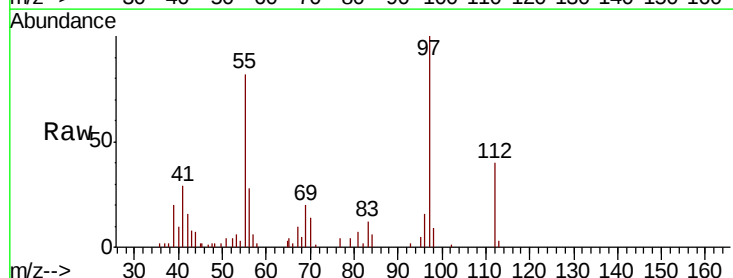
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0604DL

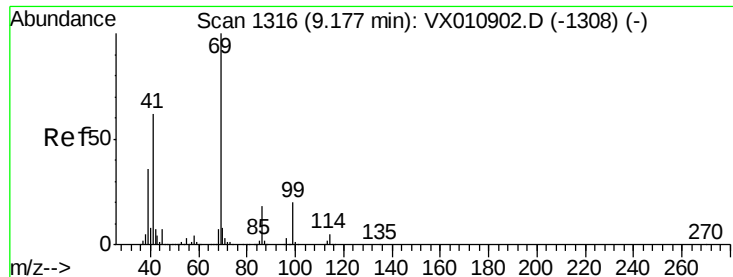
Tot Ion: 43 Resp: 1841
 Ion Ratio Lower Upper
 43 100
 58 20.3 32.2 48.4#



#55
 1,1,2-Trichloroethane
 Concen: 2.456 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX010915.D
 Acq: 16 Jul 2019 18:38

Tgt Ion: 97 Resp: 5839
 Ion Ratio Lower Upper
 97 100
 83 12.1 69.2 103.8#
 85 0.0 44.6 66.8#
 99 0.0 51.2 76.8#





#56

Ethyl methacrylate

Concen: 0.361 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX010915.D

Acq: 16 Jul 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

FL-0604DL

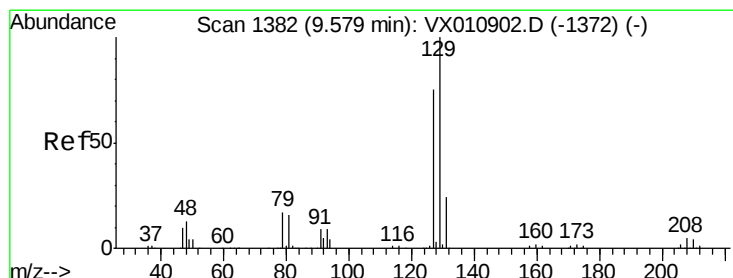
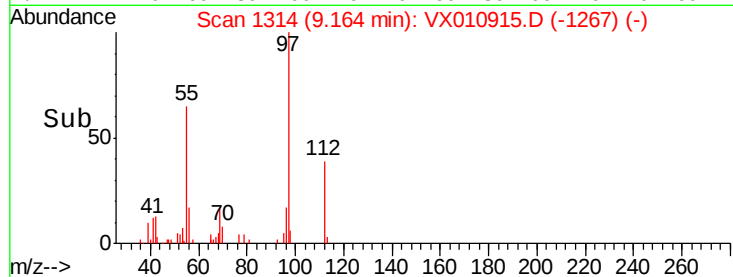
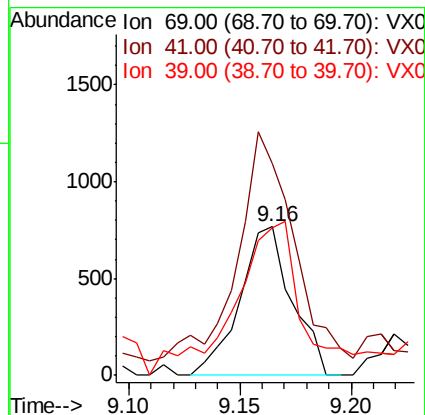
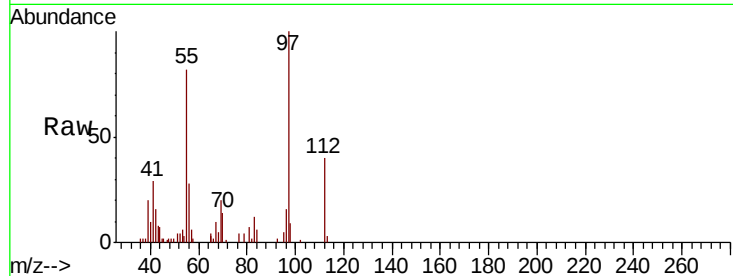
Tot Ion: 69.00 Resp: 1255

Ion Ratio Lower Upper

69 100

41 162.7 49.7 74.5#

39 140.3 29.6 44.4#



#60

Dibromochloromethane

Concen: 2.535 ug/l

RT: 9.66 min Scan# 1396

Delta R.T. 0.09 min

Lab File: VX010915.D

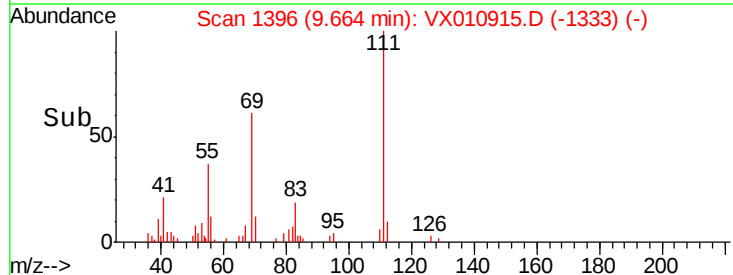
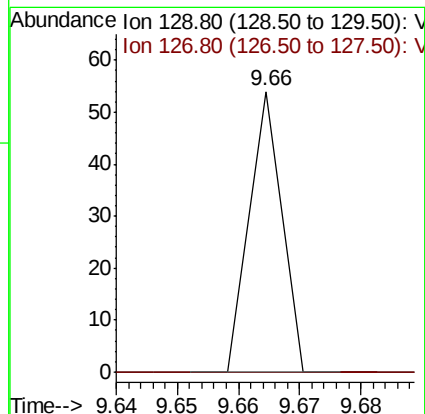
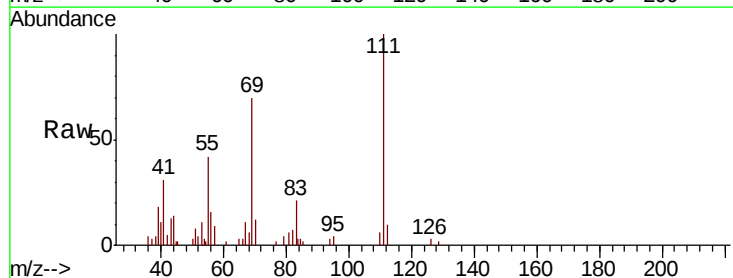
Acq: 16 Jul 2019 18:38

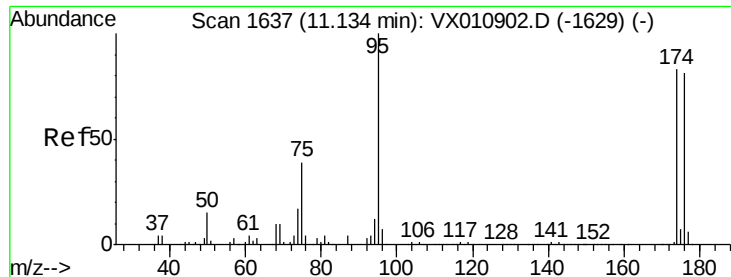
Tgt Ion: 129 Resp: 20

Ion Ratio Lower Upper

129 100

127 0.0 38.6 115.8#





#62

4-Bromofluorobenzene

Concen: 48.613 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010915.D

Acq: 16 Jul 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

FL-0604DL

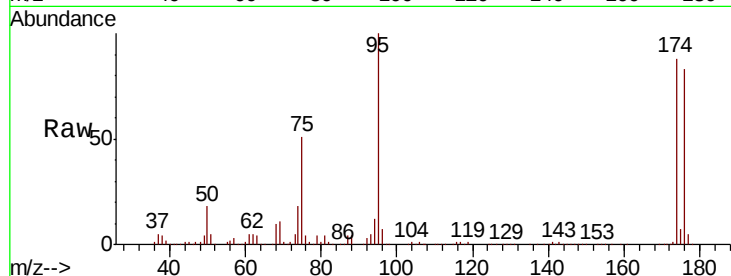
Tot Ion: 95 Resp: 148585

Ion Ratio Lower Upper

95 100

174 92.3 0.0 180.6

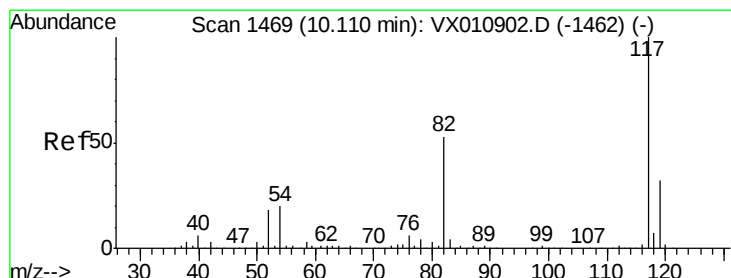
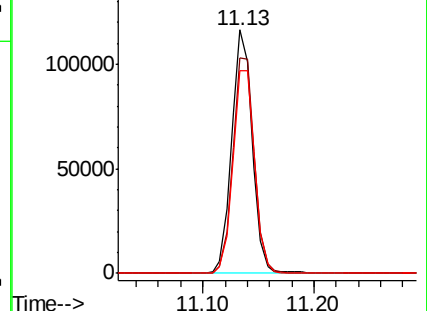
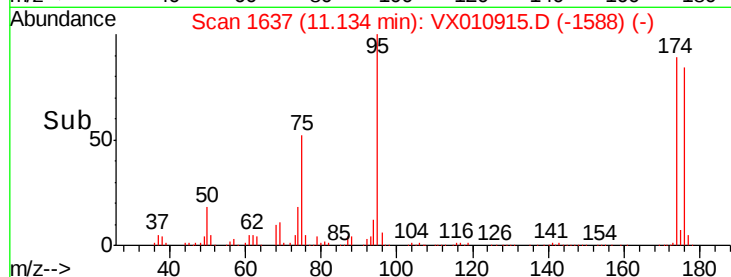
176 87.9 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX010915.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX010915.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX010915.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010915.D

Acq: 16 Jul 2019 18:38

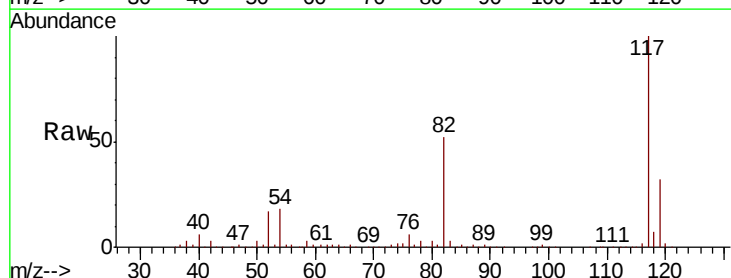
Tgt Ion: 117 Resp: 327429

Ion Ratio Lower Upper

117 100

82 51.8 42.6 63.8

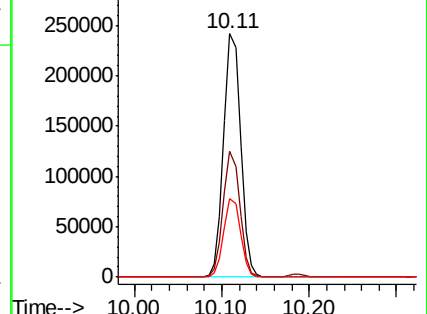
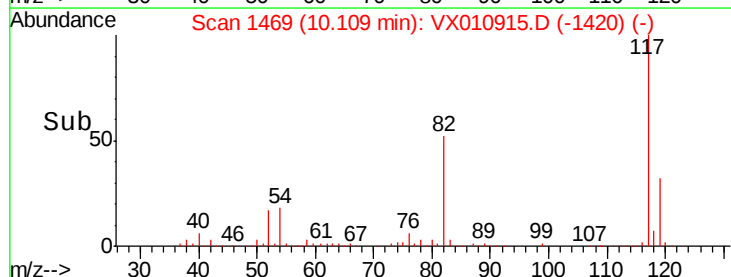
119 32.4 25.9 38.9

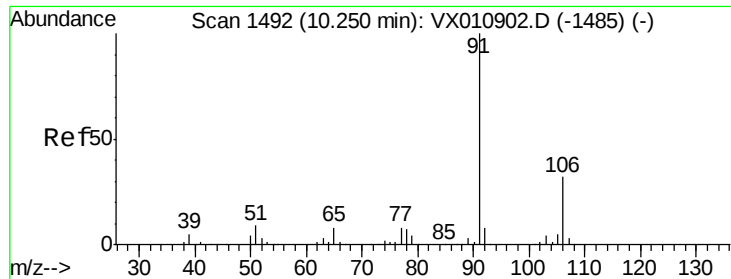


Abundance Ion 116.90 (116.60 to 117.60): VX010915.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX010915.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX010915.D (-1420) (-)





#67

Ethyl Benzene

Concen: 9.025 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010915.D

Acq: 16 Jul 2019 18:38

Instrument :

MSVOA_X

ClientSampled :

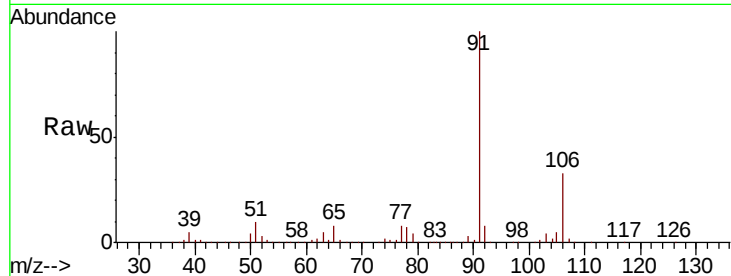
FL-0604DL

Tot Ion: 91 Resp: 103304

Ion Ratio Lower Upper

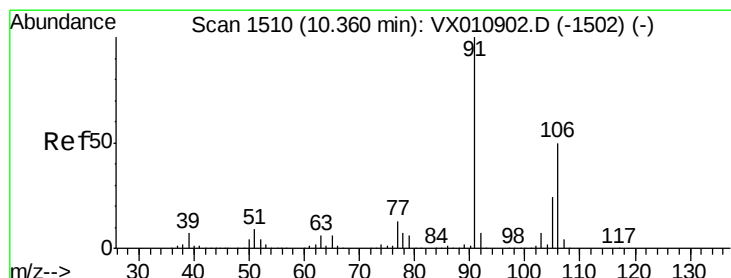
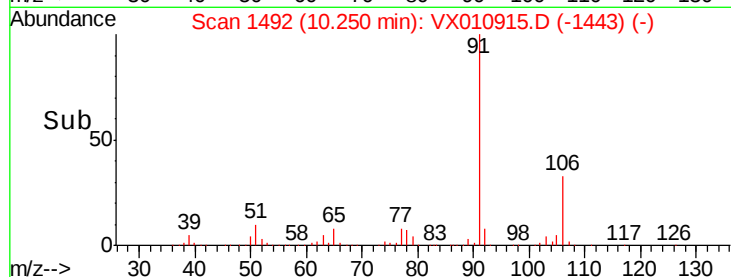
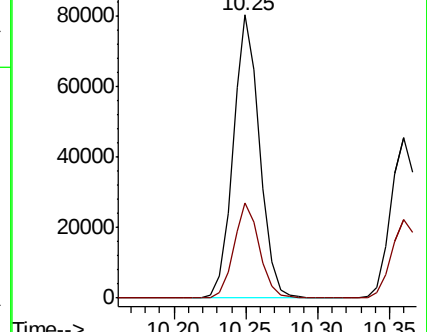
91 100

106 33.5 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): VX010902.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX010902.D (-1485) (-)



#68

m/p-Xylenes

Concen: 6.574 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX010915.D

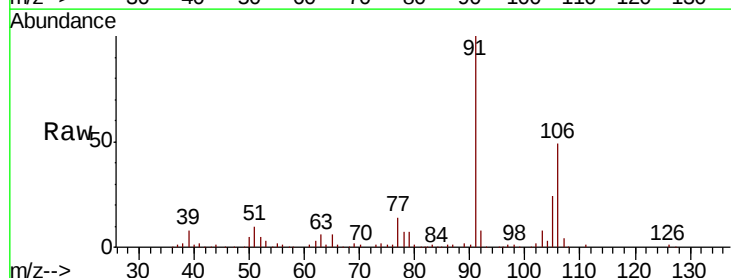
Acq: 16 Jul 2019 18:38

Tgt Ion: 106 Resp: 28864

Ion Ratio Lower Upper

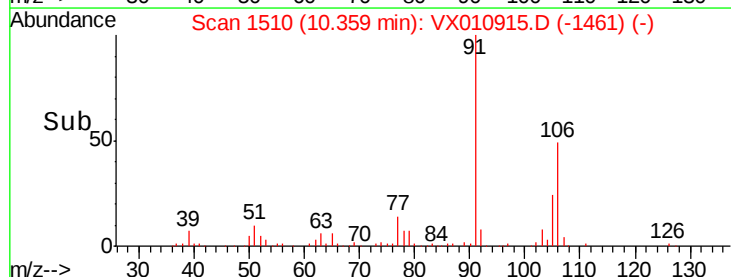
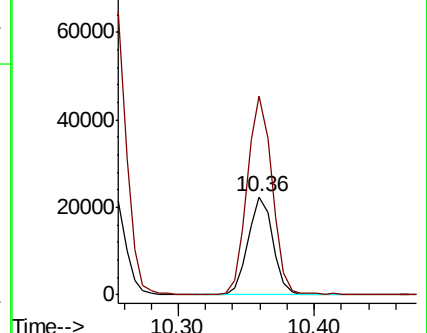
106 100

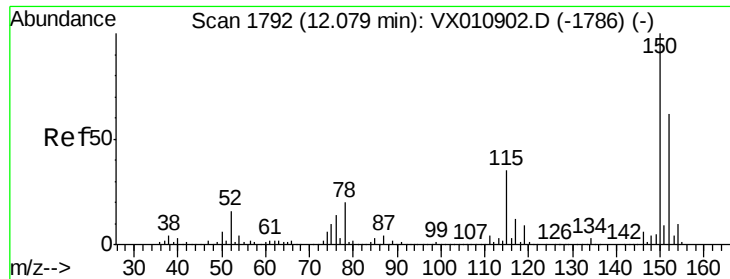
91 203.7 160.1 240.1



Abundance Ion 106.00 (105.70 to 106.70): VX010902.D (-1502) (-)

Ion 91.00 (90.70 to 91.70): VX010902.D (-1502) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010915.D

Acq: 16 Jul 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

FL-0604DL

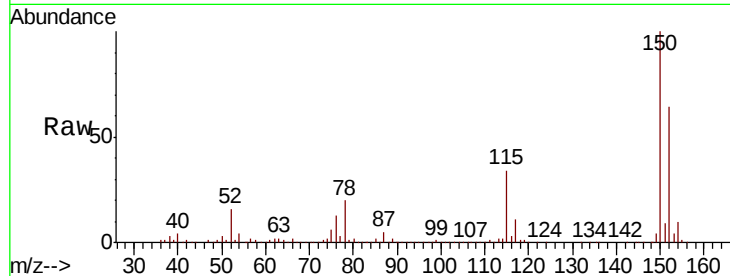
Tot Ion:152 Resp: 157218

Ion Ratio Lower Upper

152 100

115 56.1 39.7 119.1

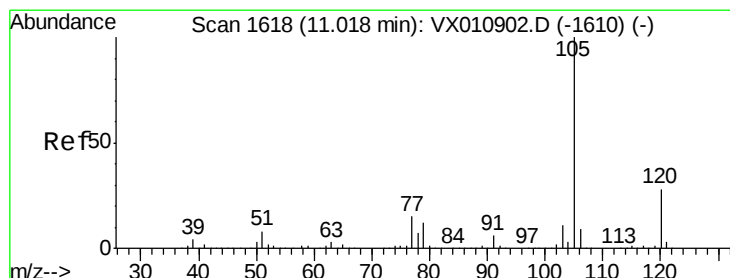
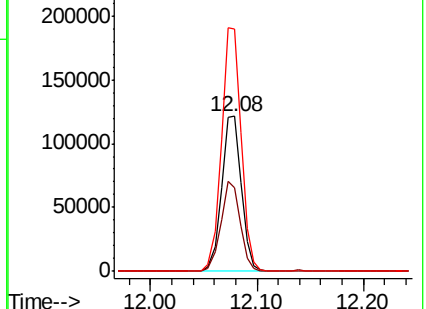
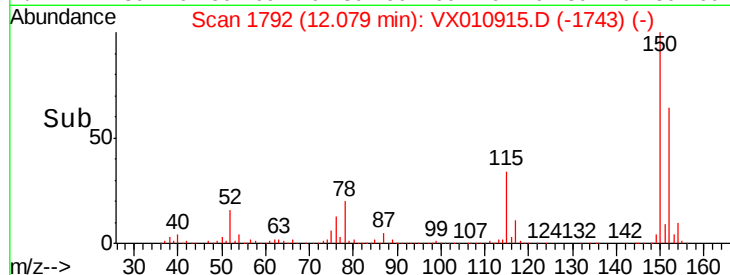
150 156.6 0.0 345.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 4.513 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010915.D

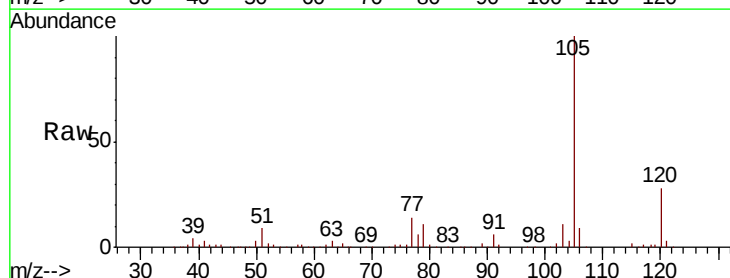
Acq: 16 Jul 2019 18:38

Tgt Ion:105 Resp: 47946

Ion Ratio Lower Upper

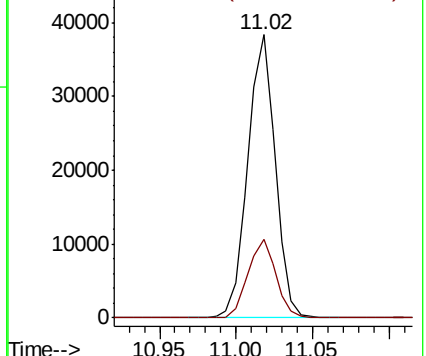
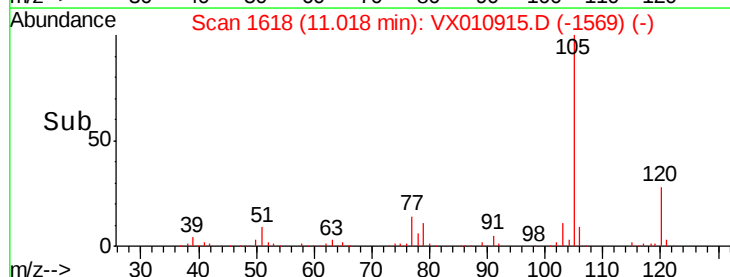
105 100

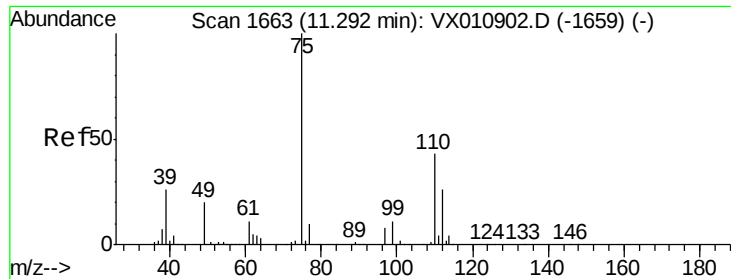
120 28.1 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

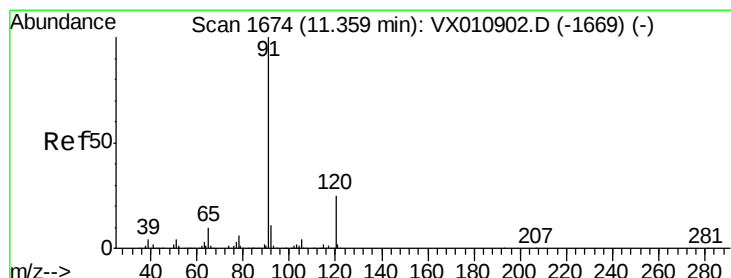
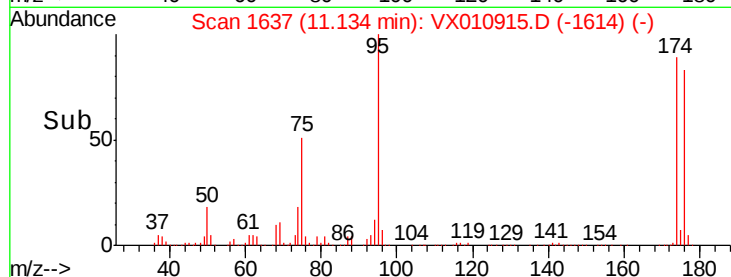
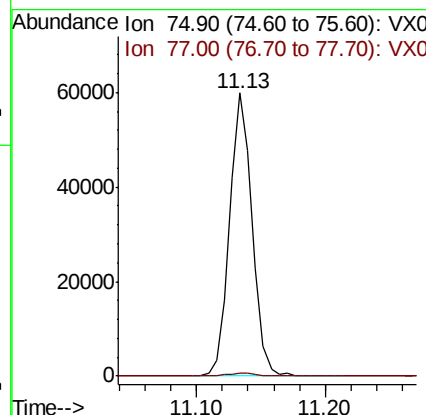
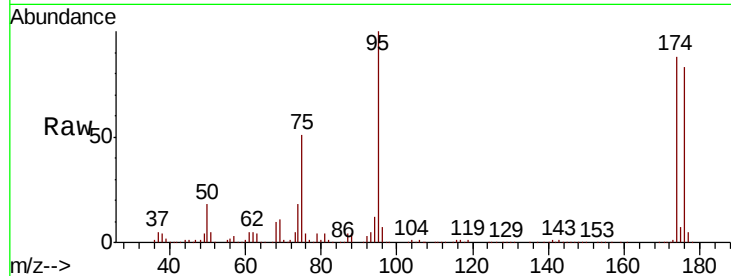




#76
 1,2,3-Trichloropropane
 Concen: 26.034 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX010915.D
 Acq: 16 Jul 2019 18:38

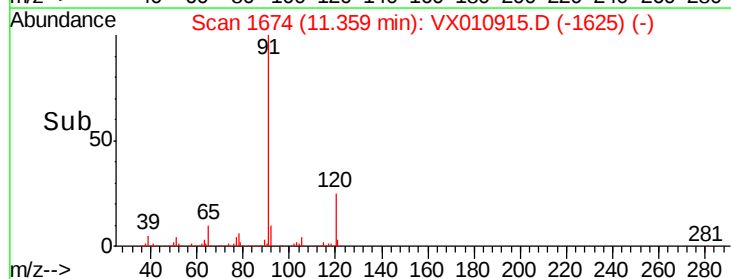
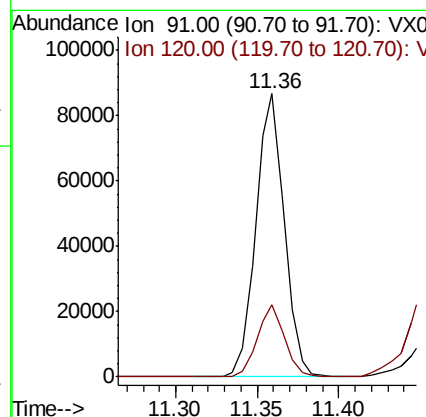
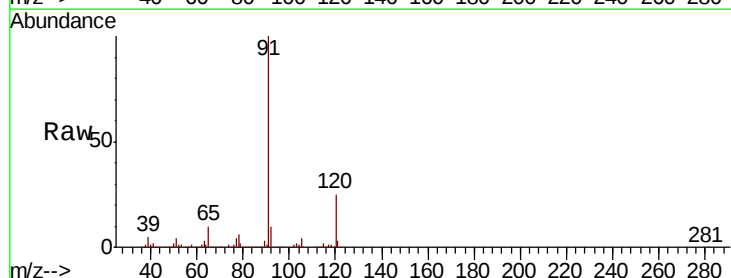
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0604DL

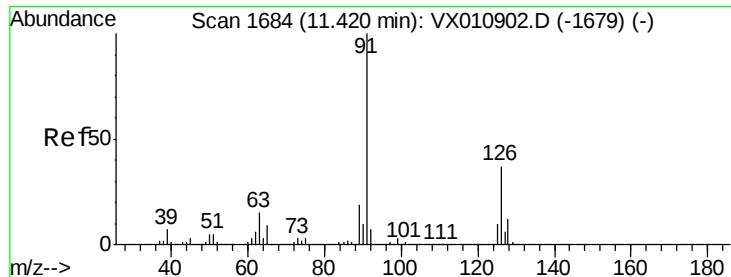
Tot Ion: 75 Resp: 73862
 Ion Ratio Lower Upper
 75 100
 77 1.4 21.3 64.0#



#78
 n-propylbenzene
 Concen: 8.967 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: VX010915.D
 Acq: 16 Jul 2019 18:38

Tgt Ion: 91 Resp: 105249
 Ion Ratio Lower Upper
 91 100
 120 24.4 12.3 36.8





#79

2-Chlorotoluene

Concen: 2.054 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. 0.03 min

Lab File: VX010915.D

Acq: 16 Jul 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

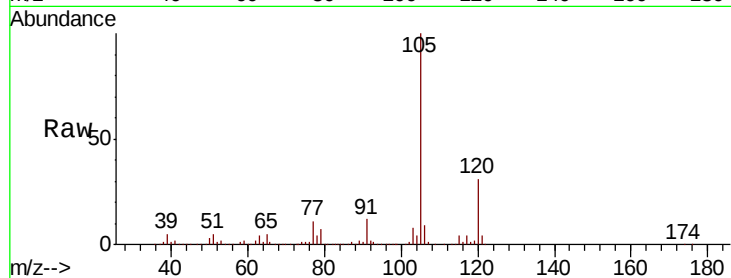
FL-0604DL

Tot Ion: 91 Resp: 14483

Ion Ratio Lower Upper

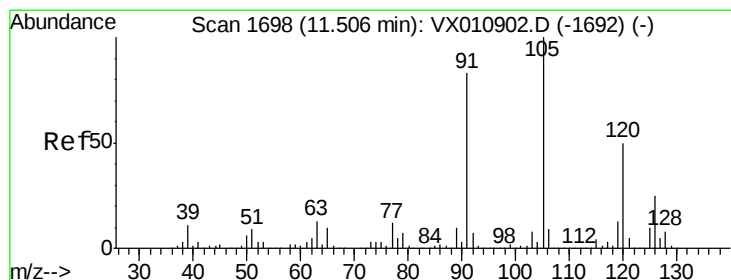
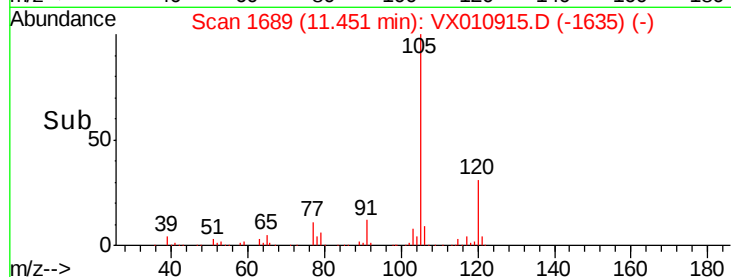
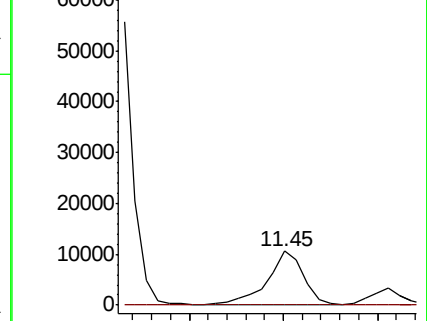
91 100

126 0.1 18.0 54.0#



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: 3.780 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010915.D

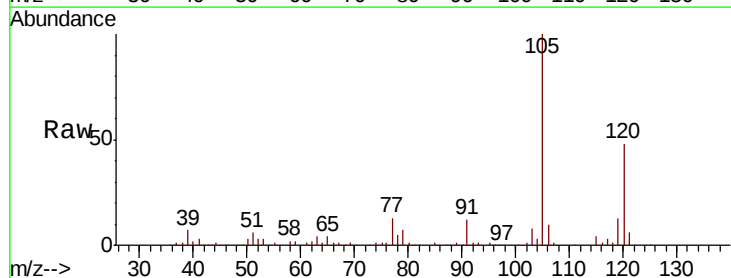
Acq: 16 Jul 2019 18:38

Tgt Ion:105 Resp: 33554

Ion Ratio Lower Upper

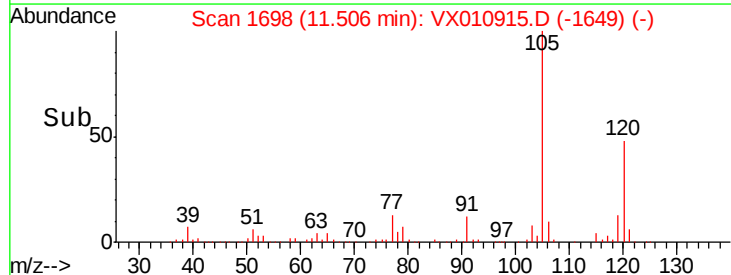
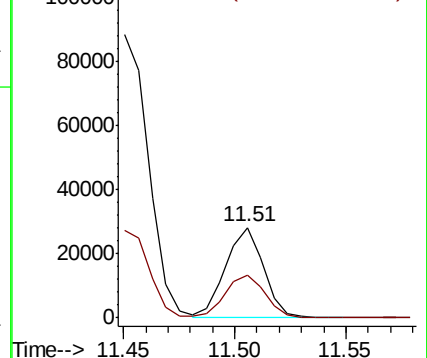
105 100

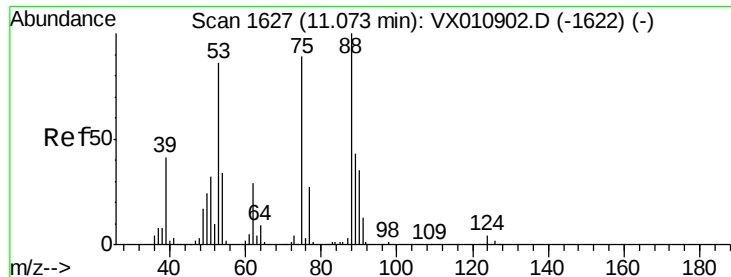
120 49.5 24.6 73.8



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: 64.689 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010915.D

Acq: 16 Jul 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

FL-0604DL

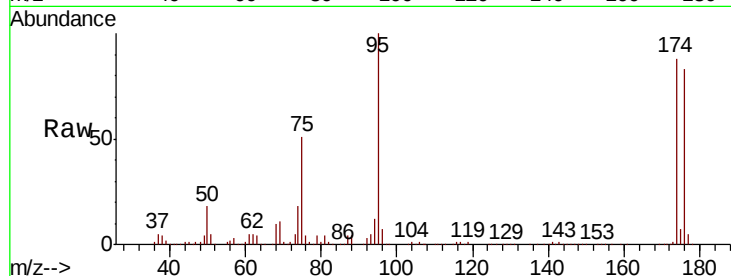
Tot Ion: 75 Resp: 73862

Ion Ratio Lower Upper

75 100

53 0.2 76.7 115.1#

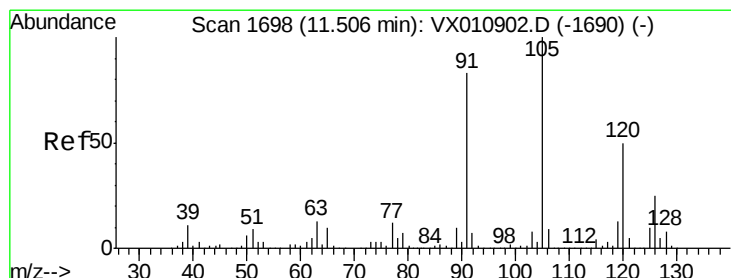
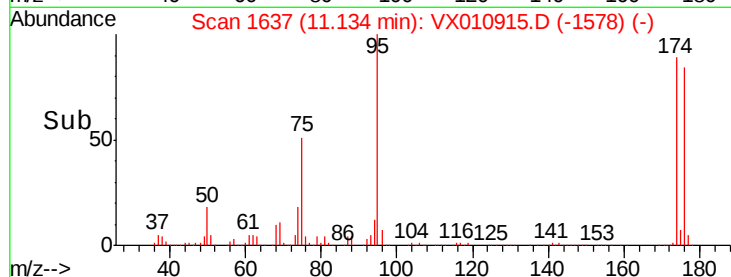
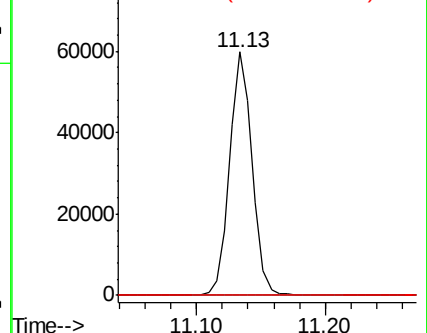
89 0.0 38.5 57.7#



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



#82

4-Chlorotoluene

Concen: 0.495 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010915.D

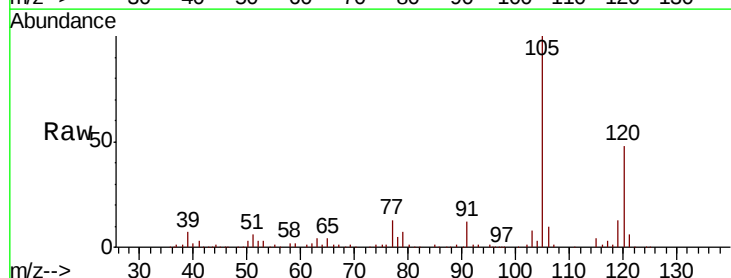
Acq: 16 Jul 2019 18:38

Tgt Ion: 91 Resp: 4062

Ion Ratio Lower Upper

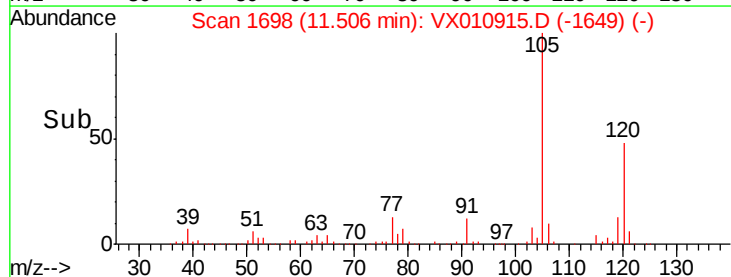
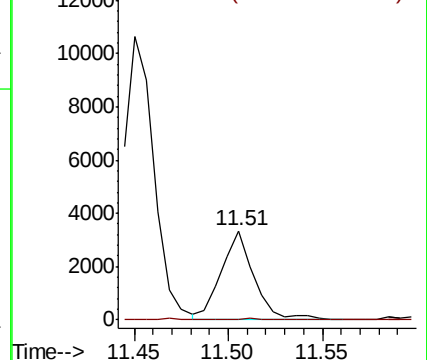
91 100

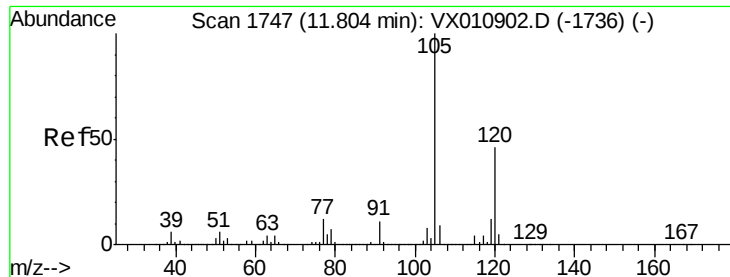
126 0.6 15.9 47.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

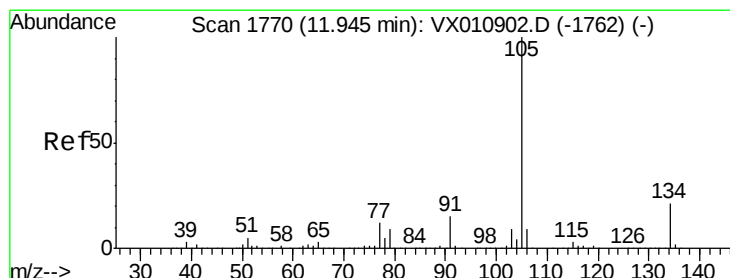
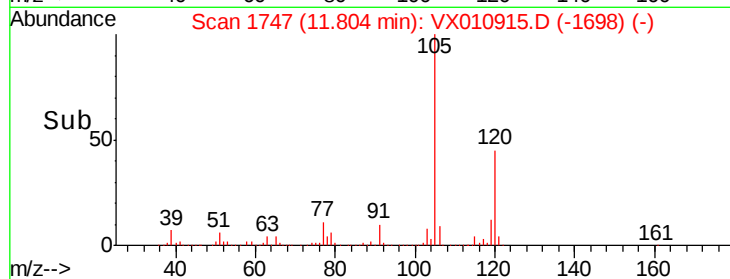
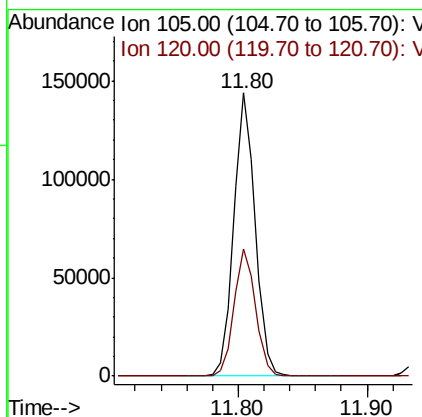
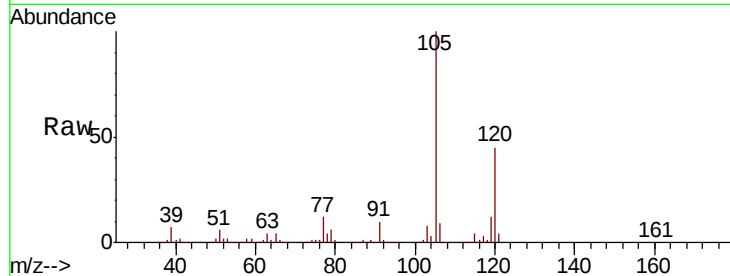




#84
 1,2,4-Trimethylbenzene
 Concen: 18.596 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010915.D
 Acq: 16 Jul 2019 18:38

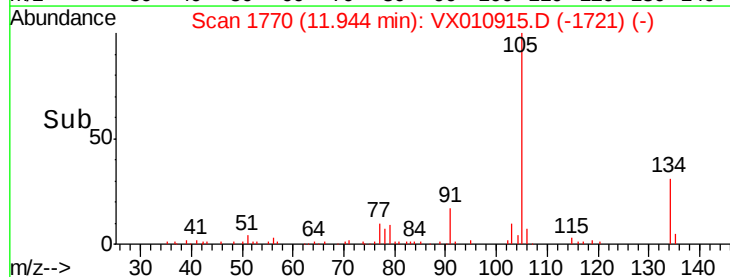
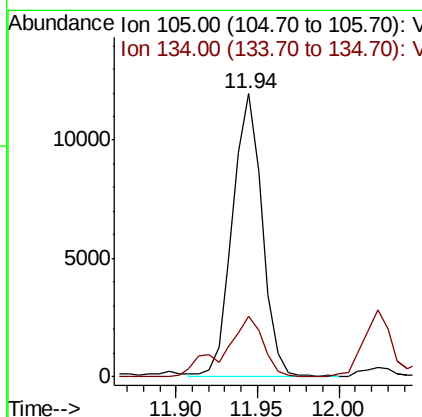
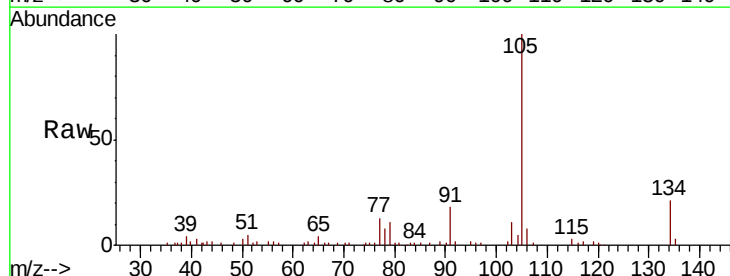
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0604DL

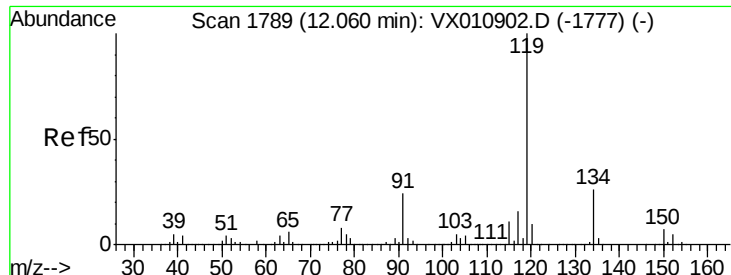
Tot Ion:105 Resp: 166376
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.9 68.5



#85
 sec-Butylbenzene
 Concen: 1.487 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX010915.D
 Acq: 16 Jul 2019 18:38

Tgt Ion:105 Resp: 15195
 Ion Ratio Lower Upper
 105 100
 134 28.2 10.4 31.4

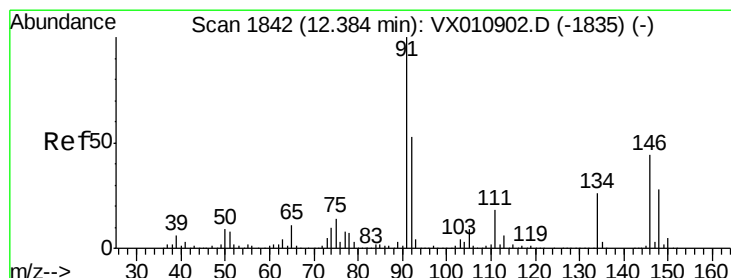
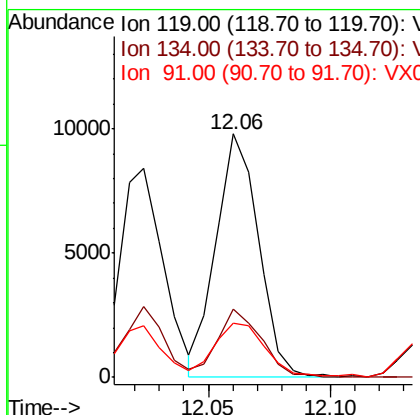
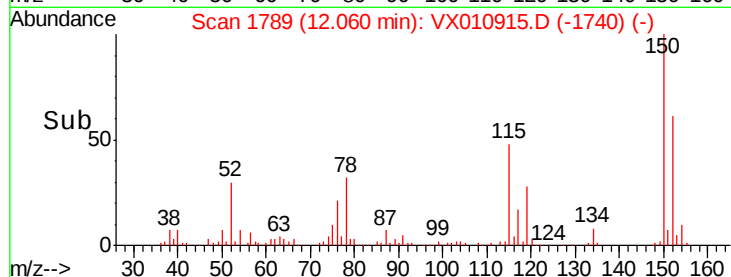
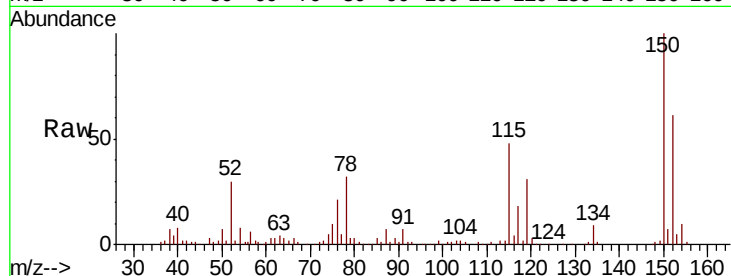




#86
p-Isopropyltoluene
Concen: 1.256 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX010915.D
Acq: 16 Jul 2019 18:38

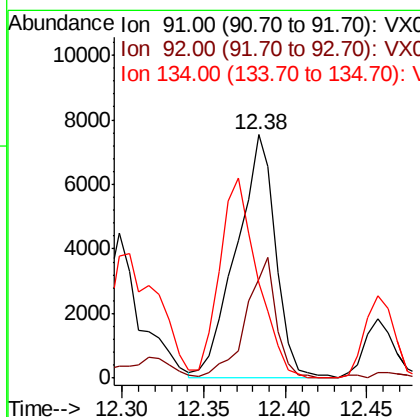
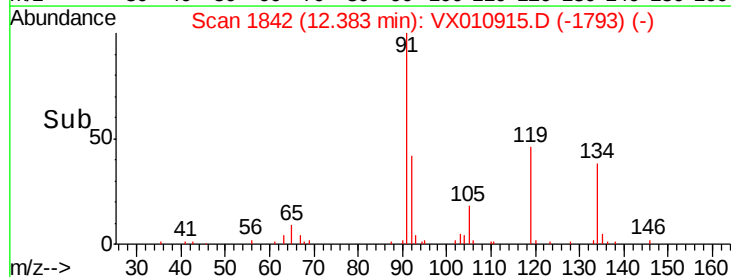
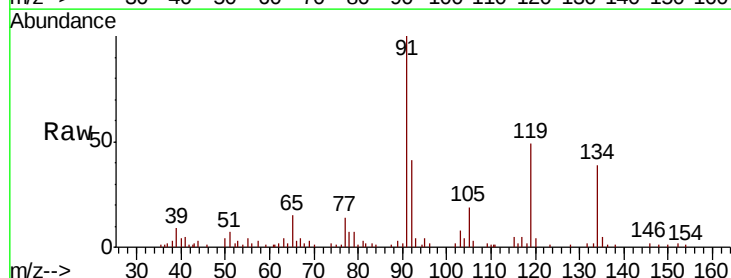
Instrument :
MSVOA_X
ClientSampled :
FL-0604DL

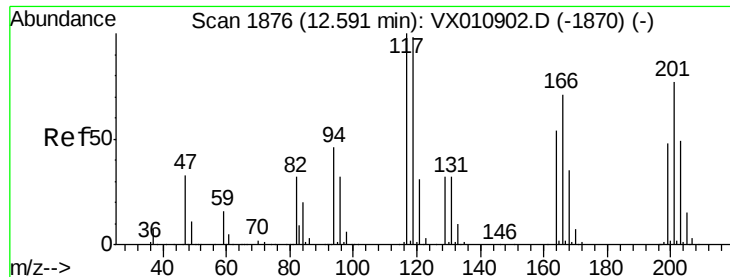
Tot Ion:119 Resp: 11860
Ion Ratio Lower Upper
119 100
134 28.6 13.4 40.1
91 25.1 11.8 35.4



#89
n-Butylbenzene
Concen: 1.572 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010915.D
Acq: 16 Jul 2019 18:38

Tgt Ion: 91 Resp: 12701
Ion Ratio Lower Upper
91 100
92 38.2 26.2 78.5
134 78.8 13.8 41.3#

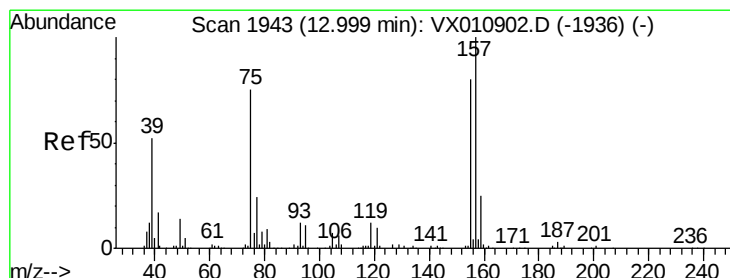
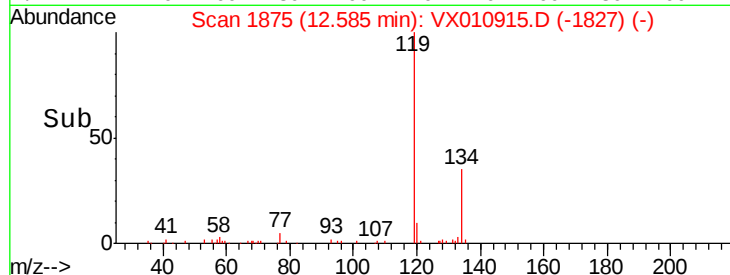
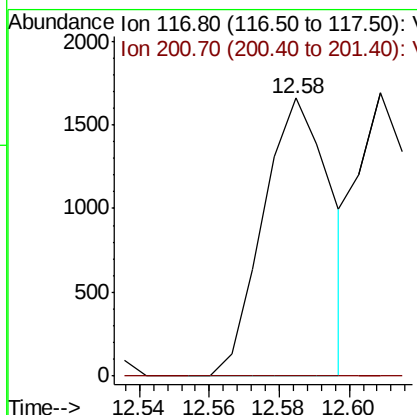
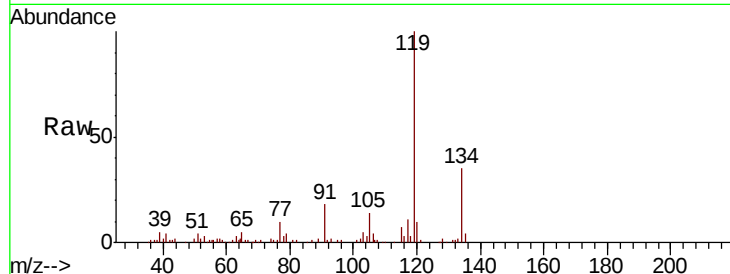




#90
Hexachloroethane
Concen: 1.502 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX010915.D
Acq: 16 Jul 2019 18:38

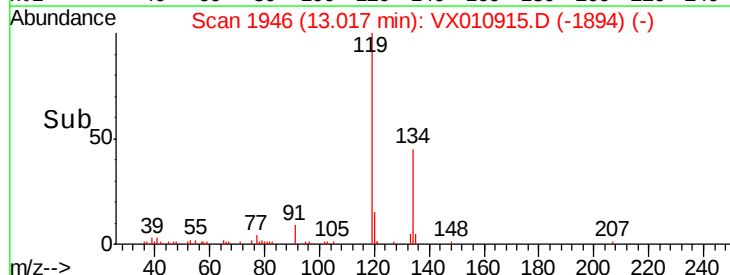
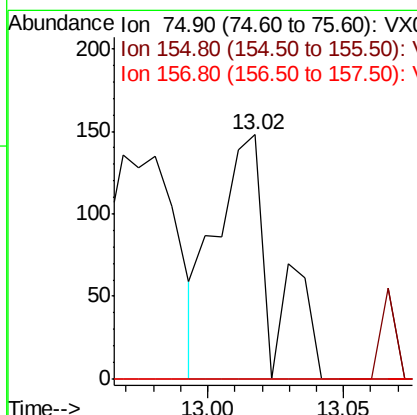
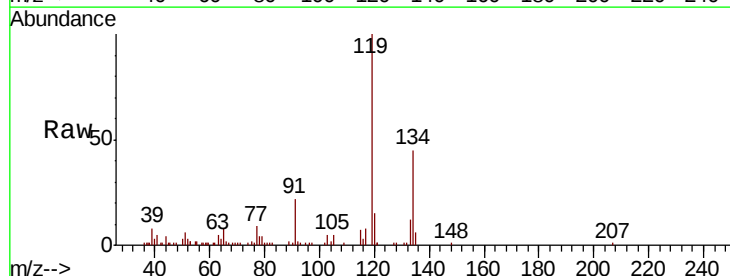
Instrument :
MSVOA_X
ClientSampleId :
FL-0604DL

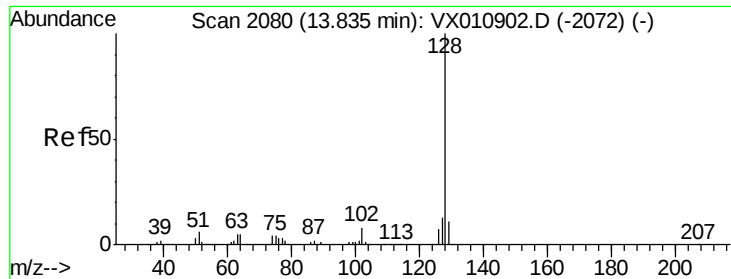
Tot Ion:117 Resp: 2237
Ion Ratio Lower Upper
117 100
201 0.0 43.3 129.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.297 ug/l
RT: 13.02 min Scan# 1946
Delta R.T. 0.02 min
Lab File: VX010915.D
Acq: 16 Jul 2019 18:38

Tgt Ion: 75 Resp: 216
Ion Ratio Lower Upper
75 100
155 0.0 48.7 146.1#
157 0.0 62.5 187.6#





#95
Naphthalene
Concen: 2.570 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010915.D
Acq: 16 Jul 2019 18:38

Instrument :
MSVOA_X
ClientSampleId :
FL-0604DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	12.5	8.9	13.3

