

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071819\
 Data File : VX010958.D
 Acq On : 18 Jul 2019 14:59
 Operator : JC/SP
 Sample : K3791-13DL 4X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0604DL

Quant Time: Jul 19 01:32:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	228011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	353715	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	329490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	162308	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	118663	48.92	ug/l	0.00
Spiked Amount			Recovery	=	97.84%	
35) Dibromofluoromethane	5.50	113	109234	48.65	ug/l	0.00
Spiked Amount			Recovery	=	97.30%	
50) Toluene-d8	8.71	98	432405	51.35	ug/l	0.00
Spiked Amount			Recovery	=	102.70%	
62) 4-Bromofluorobenzene	11.13	95	152639	49.32	ug/l	0.00
Spiked Amount			Recovery	=	98.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	20	0.554	ug/l #	43
5) Bromomethane	1.65	94	616	0.511	ug/l #	61
6) Chloroethane	1.70	64	449	0.330	ug/l #	41
11) Tert butyl alcohol	3.02	59	4152	7.350	ug/l #	73
13) Acrolein	2.21	56	337	1.033	ug/l #	15
14) Allyl chloride	2.84	41	32092	10.878	ug/l #	62
15) Acrylonitrile	3.18	53	7281	6.378	ug/l #	39
16) Acetone	2.39	43	28880	26.361	ug/l #	51
18) Methyl Acetate	2.84	43	78910	31.632	ug/l #	48
20) Methylene Chloride	2.85	84	490	0.211	ug/l #	1
25) 2-Butanone	4.70	43	869	0.553	ug/l #	69
30) Chloroform	5.28	83	805	0.206	ug/l	92
31) Cyclohexane	5.58	56	117261	35.604	ug/l	97
36) 1,1-Dichloropropene	5.66	75	15358	5.286	ug/l #	48
38) Carbon Tetrachloride	5.66	117	20747	6.853	ug/l #	17
39) Methylcyclohexane	7.46	83	142962	37.943	ug/l	99
41) Methacrylonitrile	5.07	41	350	0.207	ug/l #	27
43) Isopropyl Acetate	6.46	43	2274	0.465	ug/l #	60
45) 1,2-Dichloropropane	7.46	63	1727	0.762	ug/l #	1
48) Methyl methacrylate	7.73	41	7997	3.356	ug/l #	59
49) 1,4-Dioxane	7.65	88	21	0.315	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	1831	0.577	ug/l #	46
55) 1,1,2-Trichloroethane	9.16	97	6291	2.613	ug/l #	19
56) Ethyl methacrylate	9.16	69	1544	0.438	ug/l #	1
60) Dibromochloromethane	9.69	129	21	2.535	ug/l #	11
67) Ethyl Benzene	10.25	91	114548	9.944	ug/l	98
68) m/p-Xylenes	10.36	106	41842	9.470	ug/l	94
69) o-Xylene	10.69	106	892	0.207	ug/l	74
73) Isopropylbenzene	11.02	105	53006	4.833	ug/l	100
76) 1,2,3-Trichloropropane	11.13	75	74841	25.552	ug/l #	35
78) n-propylbenzene	11.36	91	116920	9.649	ug/l	100
79) 2-Chlorotoluene	11.45	91	18733	2.573	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	101289	11.053	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	74841	63.565	ug/l #	11

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Quant Title : SW846 8260
QLast Update : Wed Jul 17 06:57:45 2019
Response via : Initial Calibration

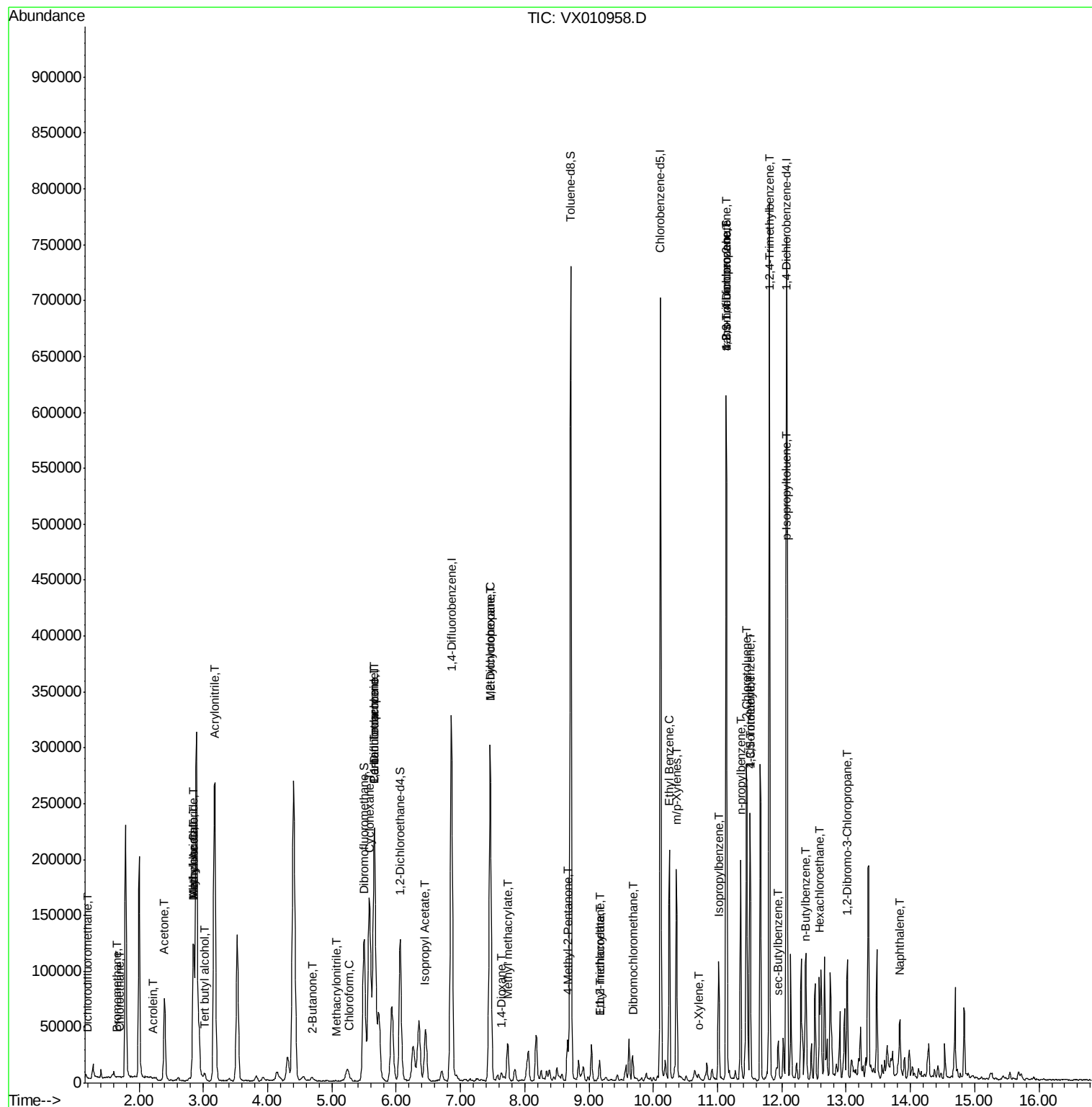
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	11.51	91	11026	1.301	ug/l #	43
84) 1,2,4-Trimethylbenzene	11.80	105	338054	36.600	ug/l	98
85) sec-Butylbenzene	11.94	105	16931	1.605	ug/l	84
86) p-Isopropyltoluene	12.06	119	15364	1.576	ug/l	95
89) n-Butylbenzene	12.38	91	17029	2.041	ug/l #	28
90) Hexachloroethane	12.58	117	3824	2.486	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	13.02	75	416	0.555	ug/l #	1
95) Naphthalene	13.83	128	31943	3.068	ug/l #	96

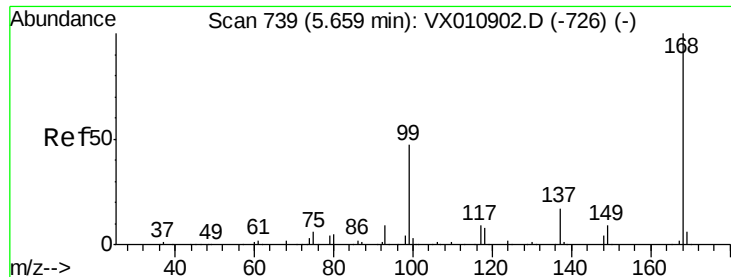
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010958.D

Acq: 18 Jul 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

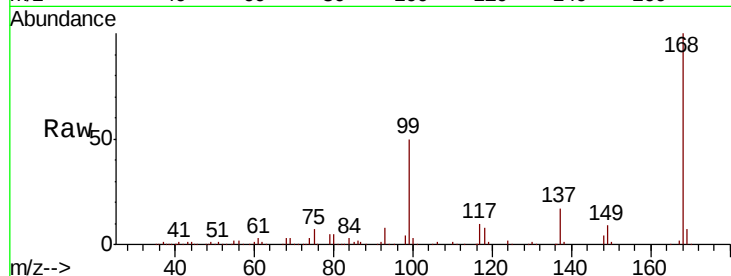
FL-0604DL

Tot Ion:168 Resp: 228011

Ion Ratio Lower Upper

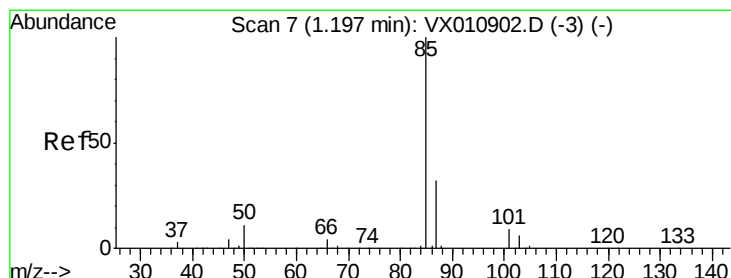
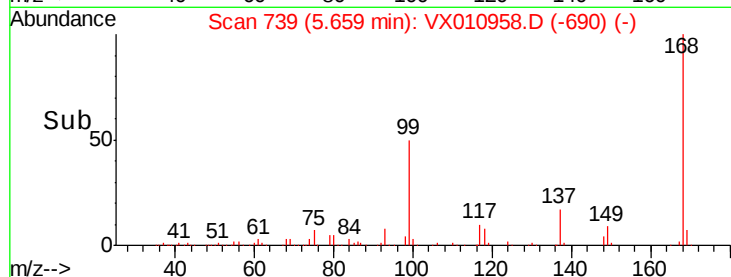
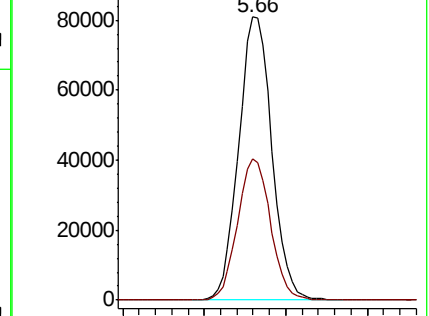
168 100

99 49.7 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: 0.554 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010958.D

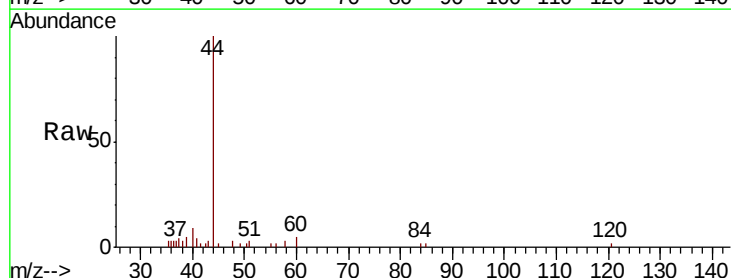
Acq: 18 Jul 2019 14:59

Tgt Ion: 85 Resp: 20

Ion Ratio Lower Upper

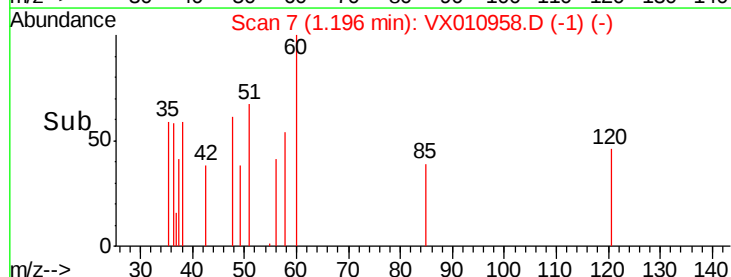
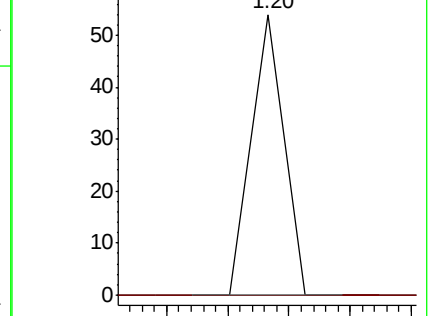
85 100

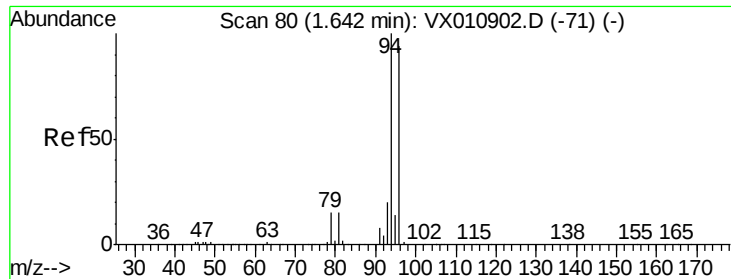
87 0.0 15.9 47.7#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#5

Bromomethane

Concen: 0.511 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.01 min

Lab File: VX010958.D

Acq: 18 Jul 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

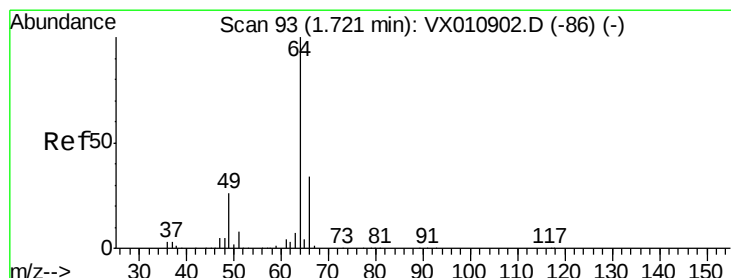
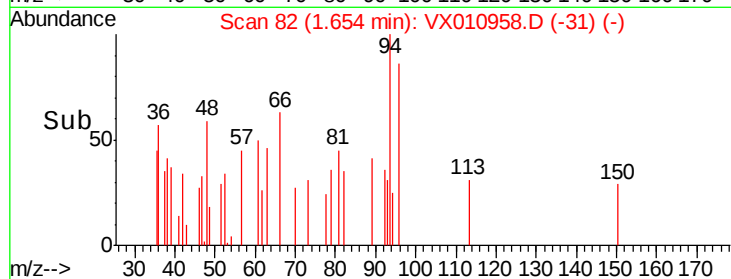
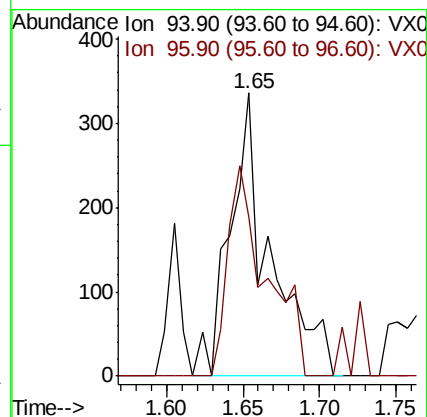
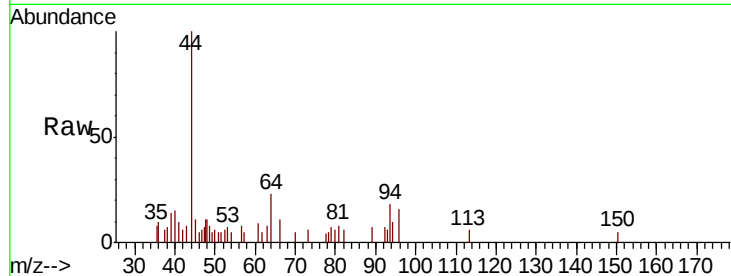
FL-0604DL

Tot Ion: 94 Resp: 616

Ion Ratio Lower Upper

94 100

96 56.3 75.6 113.4#



#6

Chloroethane

Concen: 0.330 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.02 min

Lab File: VX010958.D

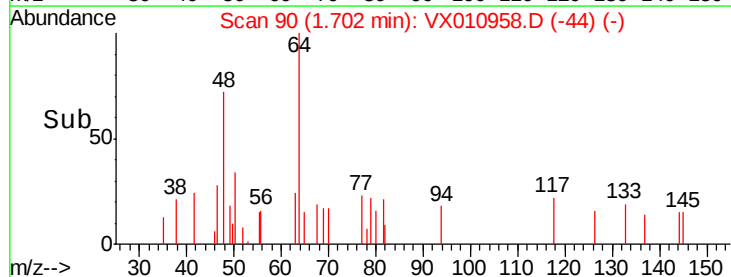
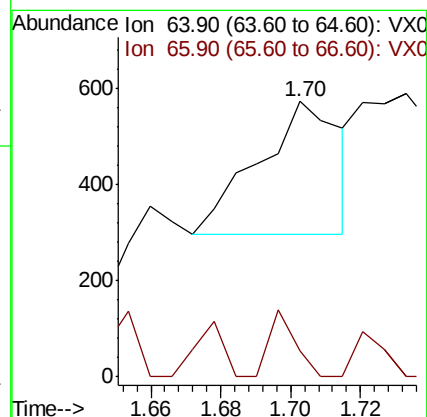
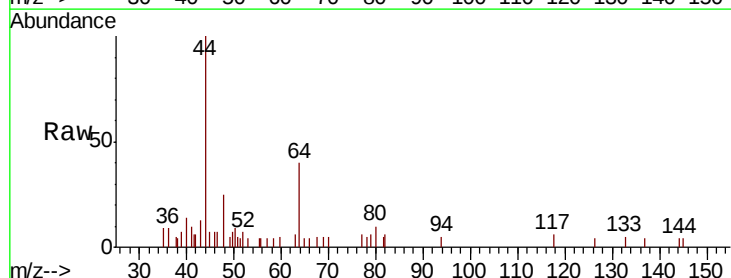
Acq: 18 Jul 2019 14:59

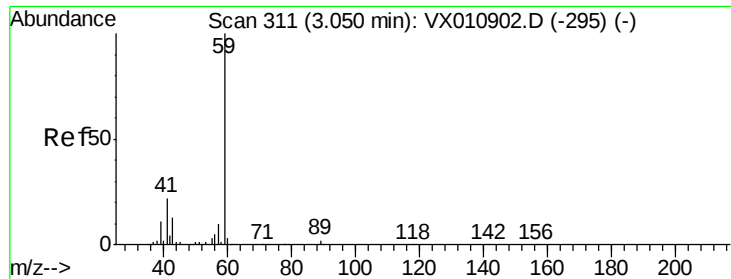
Tgt Ion: 64 Resp: 449

Ion Ratio Lower Upper

64 100

66 0.0 27.0 40.6#



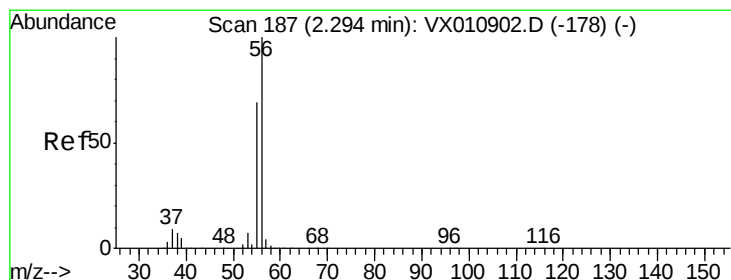
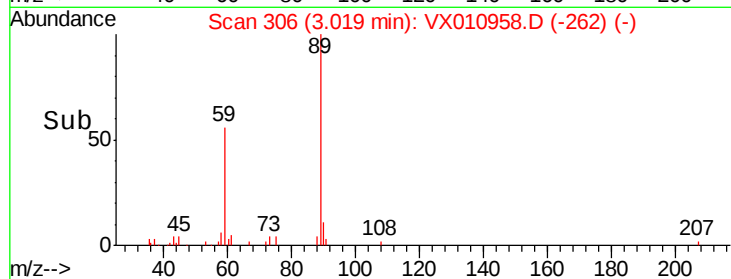
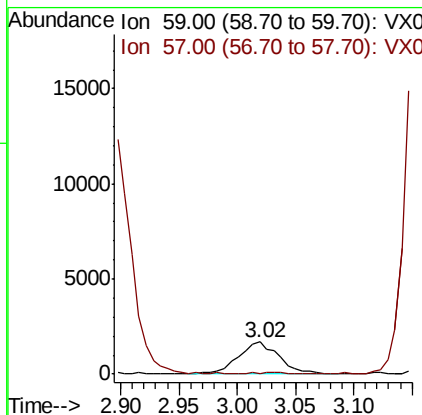
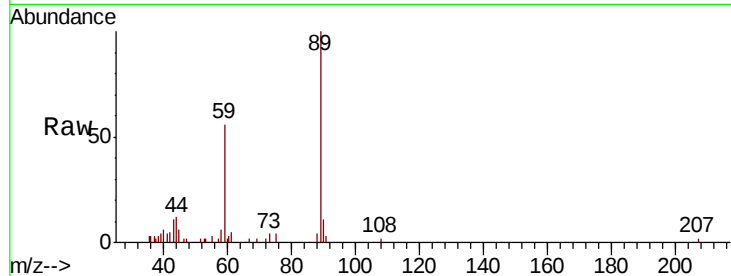


#11

Tert butyl alcohol
Concen: 7.350 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX010958.D
Acq: 18 Jul 2019 14:59

Instrument :
MSVOA_X
ClientSampled :
FL-0604DL

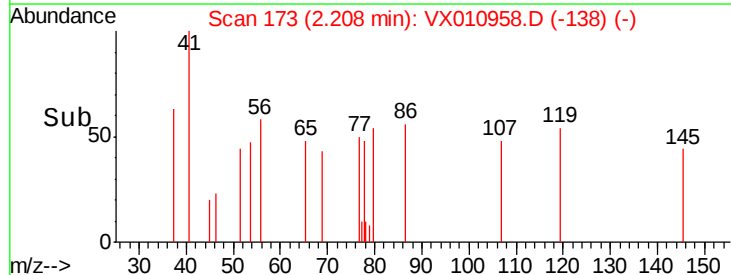
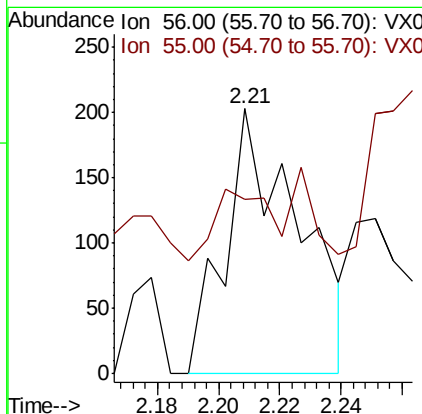
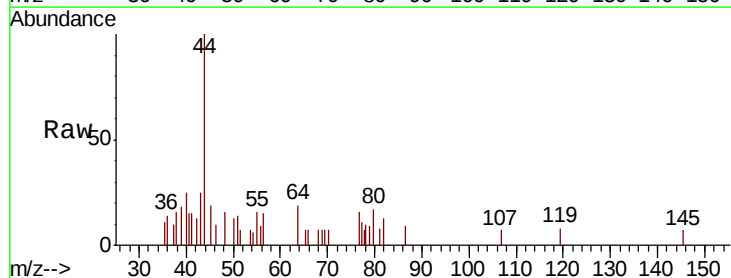
Tot Ion: 59 Resp: 4152
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

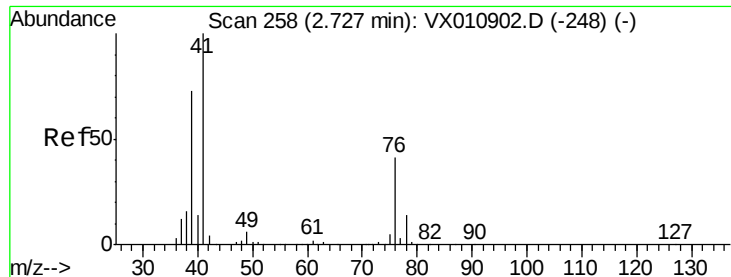


#13

Acrolein
Concen: 1.033 ug/l
RT: 2.21 min Scan# 173
Delta R.T. -0.09 min
Lab File: VX010958.D
Acq: 18 Jul 2019 14:59

Tgt Ion: 56 Resp: 337
Ion Ratio Lower Upper
56 100
55 0.0 55.9 83.9#





#14

Allvl chloride

Concen: 10.878 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.12 min

Lab File: VX010958.D

Acq: 18 Jul 2019 14:59

Instrument :

MSVOA_X

ClientSampled :

FL-0604DL

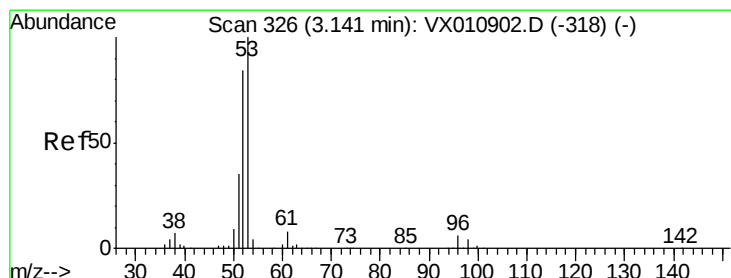
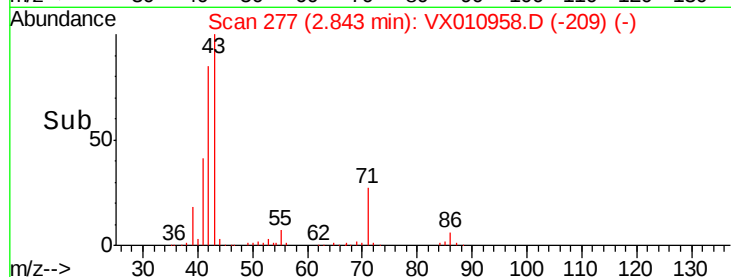
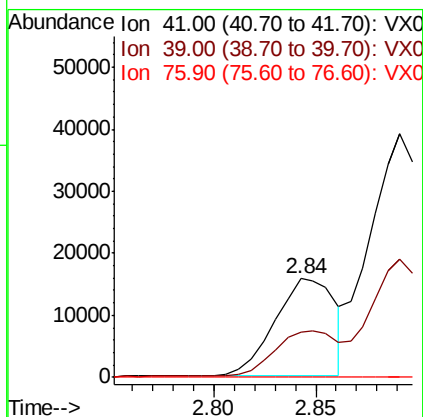
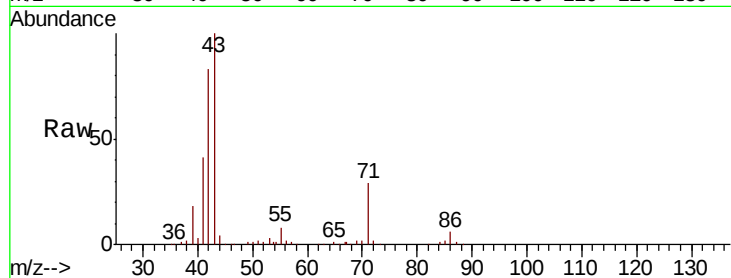
Tot Ion: 41 Resp: 32092

Ion Ratio Lower Upper

41 100

39 47.8 53.6 80.4#

76 0.0 29.7 44.5#



#15

Acrylonitrile

Concen: 6.378 ug/l

RT: 3.18 min Scan# 332

Delta R.T. 0.04 min

Lab File: VX010958.D

Acq: 18 Jul 2019 14:59

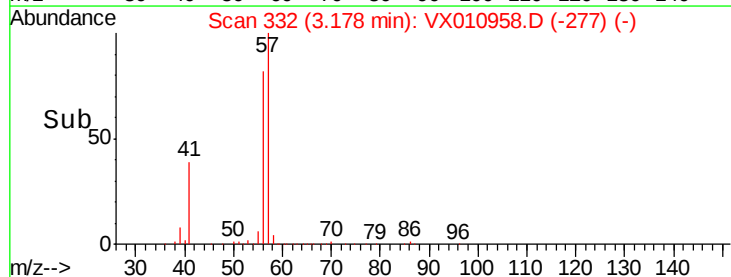
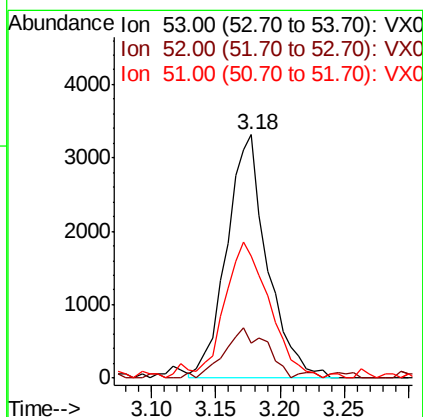
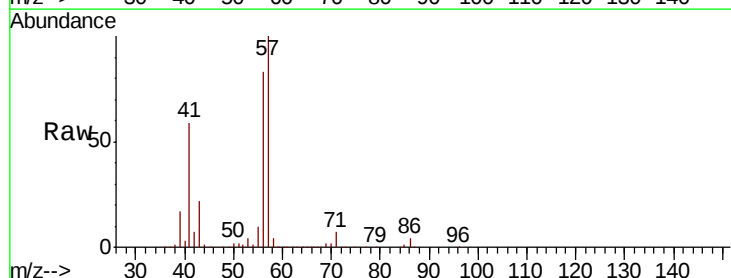
Tgt Ion: 53 Resp: 7281

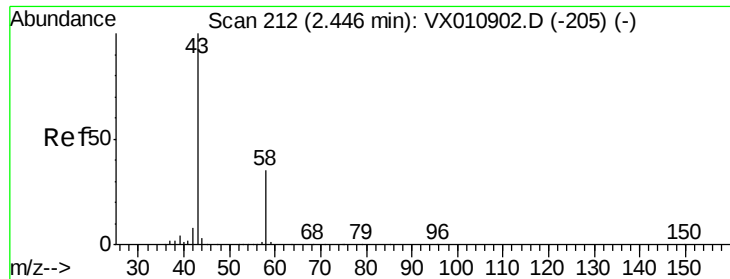
Ion Ratio Lower Upper

53 100

52 21.6 66.5 99.7#

51 60.8 28.2 42.4#





#16

Acetone

Concen: 26.361 ug/l

RT: 2.39 min Scan# 203

Delta R.T. -0.05 min

Lab File: VX010958.D

Acq: 18 Jul 2019 14:59

Instrument :

MSVOA_X

ClientSampled :

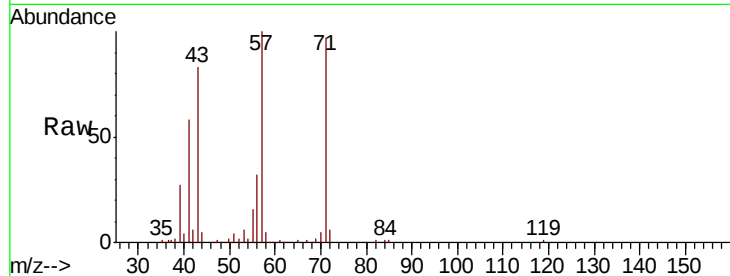
FL-0604DL

Tot Ion: 43 Resp: 28880

Ion Ratio Lower Upper

43 100

58 6.4 27.7 41.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.39

15000

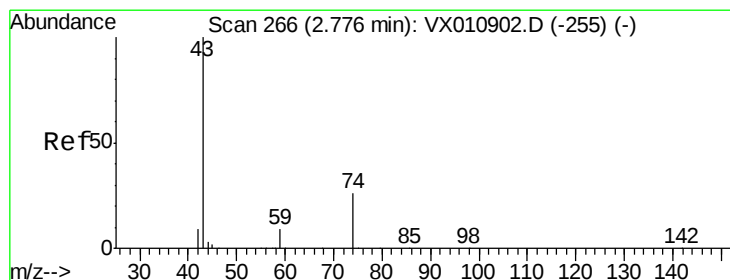
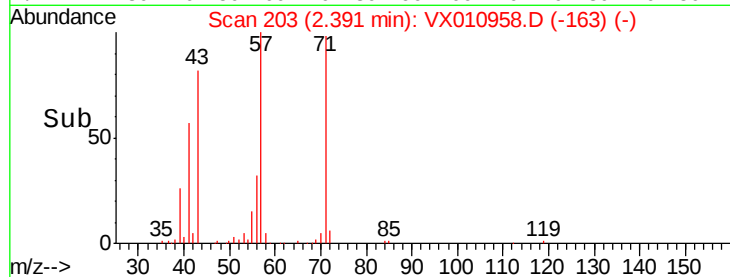
10000

5000

0

Time-->

2.30 2.40 2.50



#18

Methyl Acetate

Concen: 31.632 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.07 min

Lab File: VX010958.D

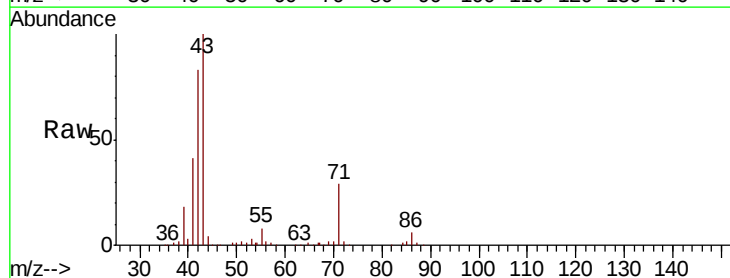
Acq: 18 Jul 2019 14:59

Tgt Ion: 43 Resp: 78910

Ion Ratio Lower Upper

43 100

74 0.0 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

100000

80000

60000

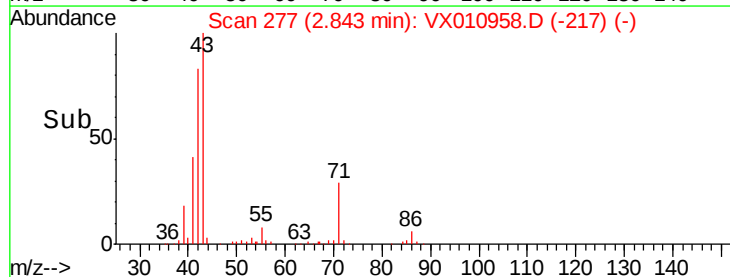
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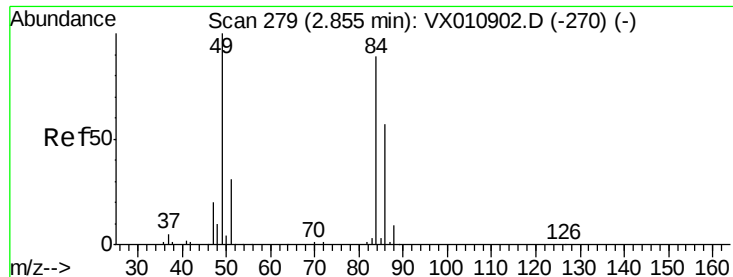
20000

0

Time-->

2.80 2.85





#20

Methvlene Chloride

Concen: 0.211 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.00 min

Lab File: VX010958.D

Acq: 18 Jul 2019 14:59

Instrument :

MSVOA_X

ClientSampled :

FL-0604DL

Tot Ion: 84 Resp: 490

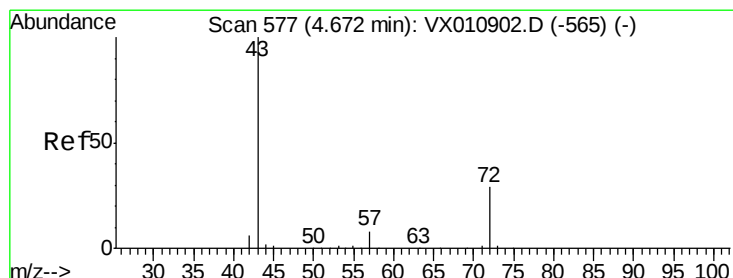
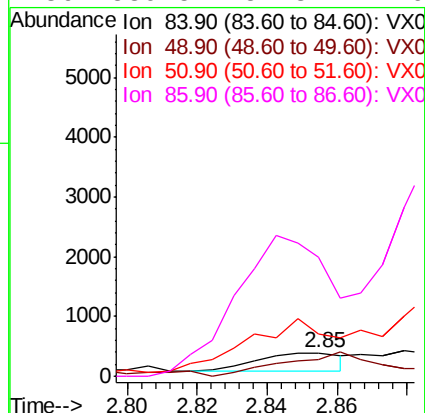
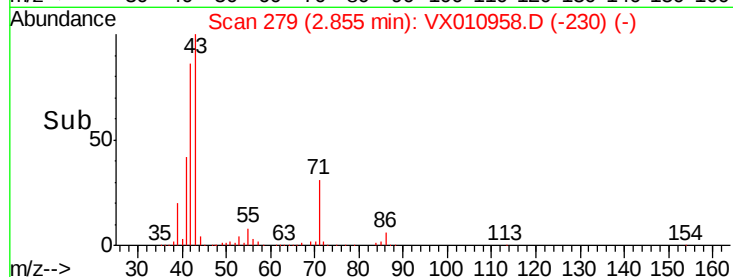
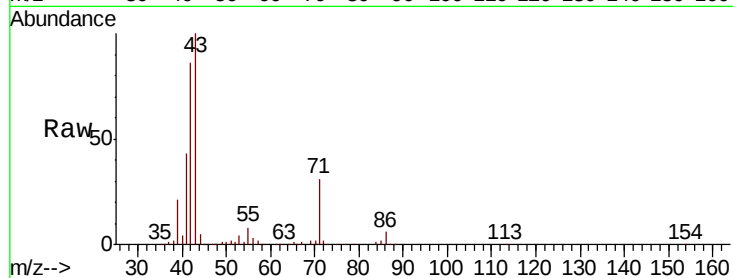
Ion Ratio Lower Upper

84 100

49 68.2 89.9 134.9#

51 164.9 27.8 41.6#

86 539.5 51.8 77.6#



#25

2-Butanone

Concen: 0.553 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.02 min

Lab File: VX010958.D

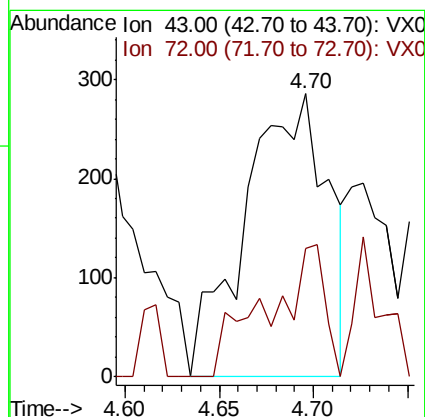
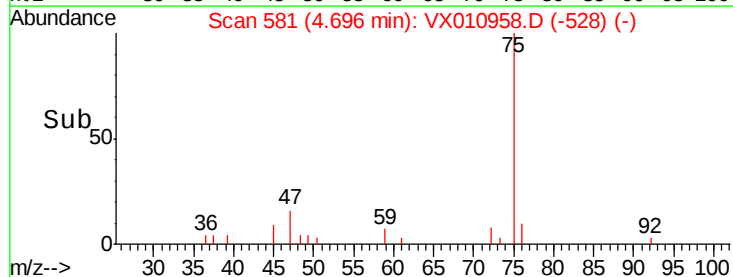
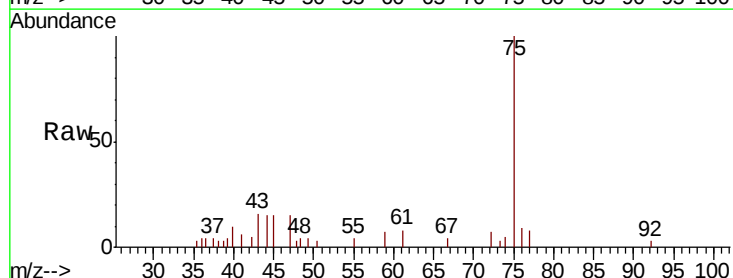
Acq: 18 Jul 2019 14:59

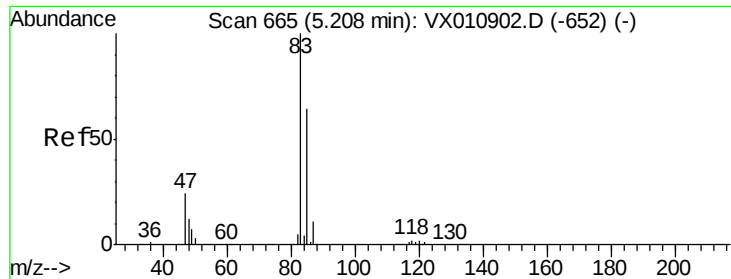
Tgt Ion: 43 Resp: 869

Ion Ratio Lower Upper

43 100

72 45.5 23.0 34.6#

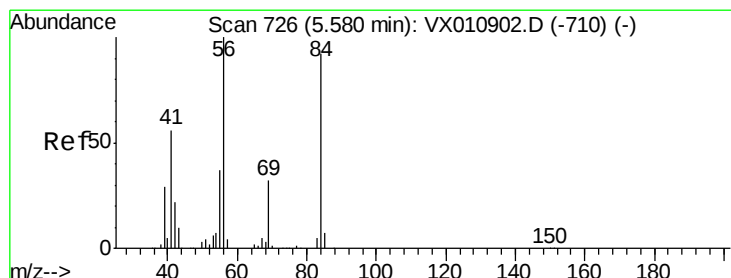
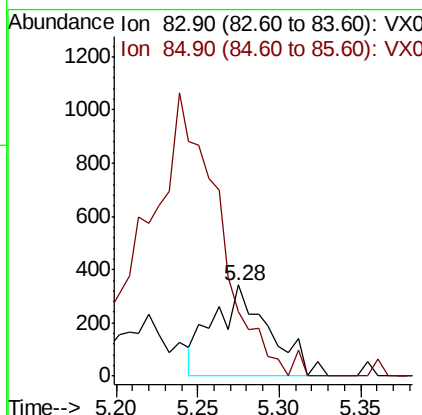
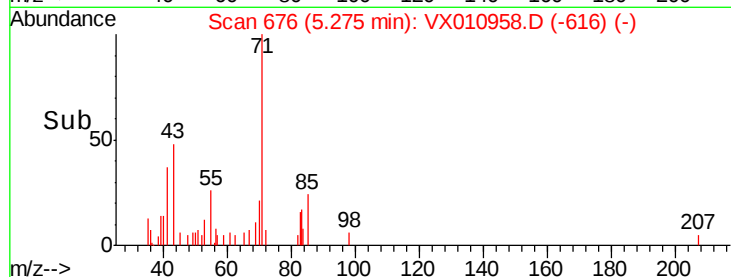
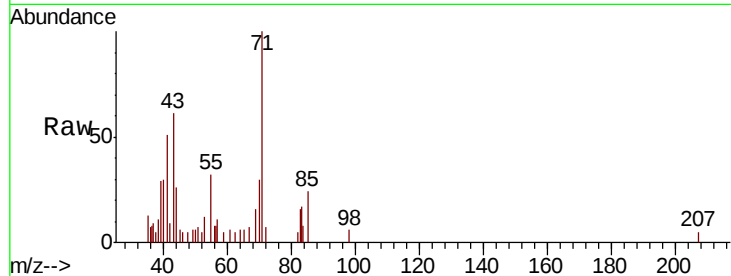




#30
Chloroform
Concen: 0.206 ug/l
RT: 5.28 min Scan# 676
Delta R.T. 0.07 min
Lab File: VX010958.D
Acq: 18 Jul 2019 14:59

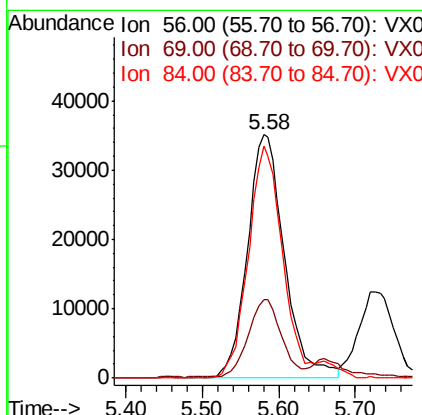
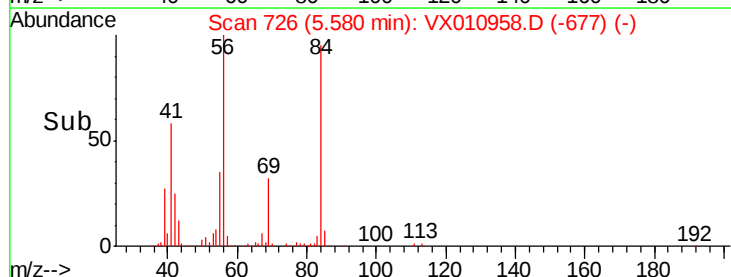
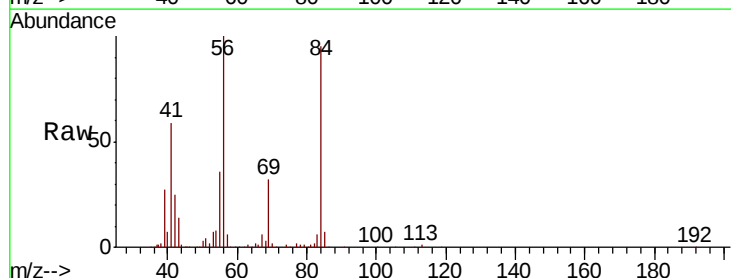
Instrument :
MSVOA_X
ClientSampled :
FL-0604DL

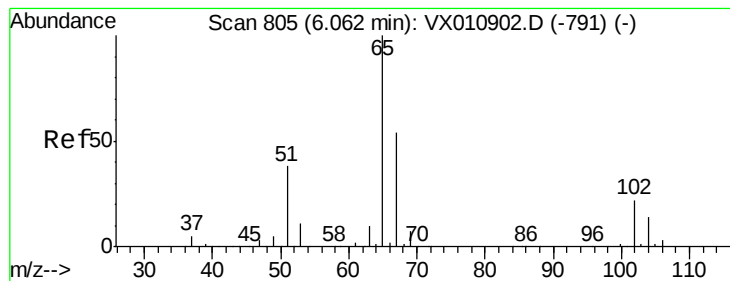
Tot Ion: 83 Resp: 805
Ion Ratio Lower Upper
83 100
85 70.6 51.4 77.0



#31
Cyclohexane
Concen: 35.604 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX010958.D
Acq: 18 Jul 2019 14:59

Tgt Ion: 56 Resp: 117261
Ion Ratio Lower Upper
56 100
69 31.5 25.8 38.8
84 95.4 73.8 110.6





#33

1,2-Dichloroethane-d4

Concen: 48.919 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX010958.D

Acq: 18 Jul 2019 14:59

Instrument :

MSVOA_X

ClientSampled :

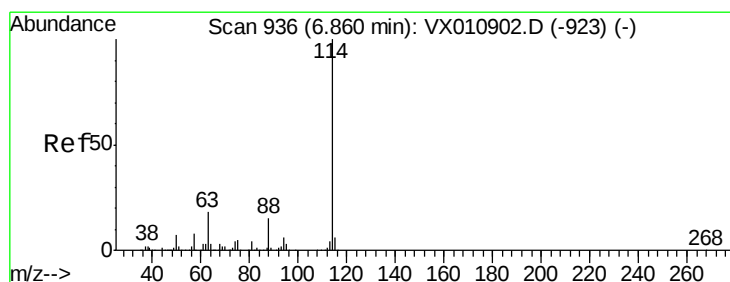
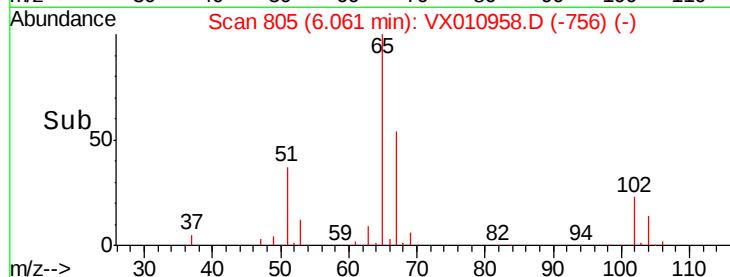
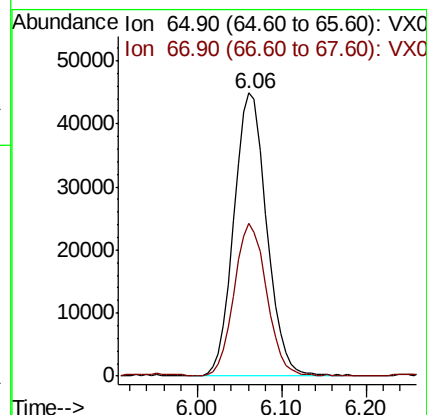
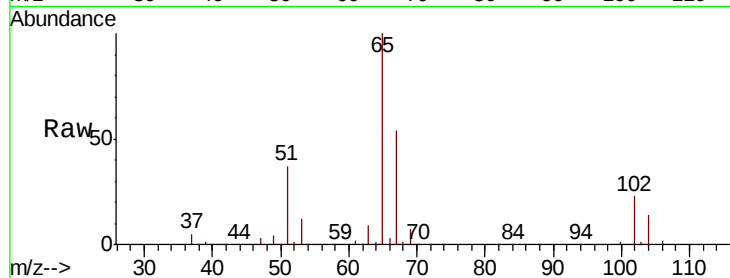
FL-0604DL

Tot Ion: 65 Resp: 118663

Ion Ratio Lower Upper

65 100

67 53.4 0.0 107.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010958.D

Acq: 18 Jul 2019 14:59

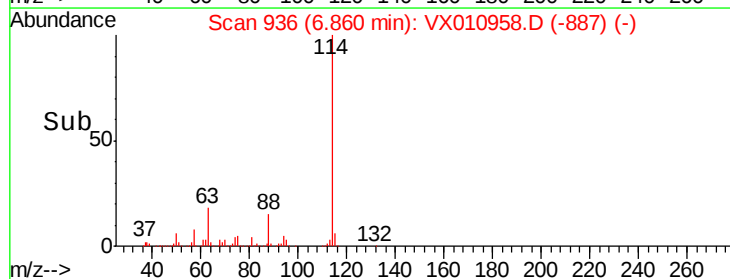
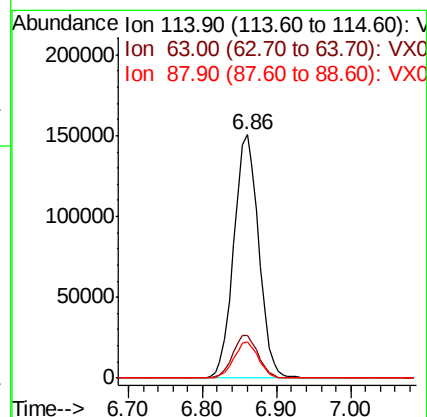
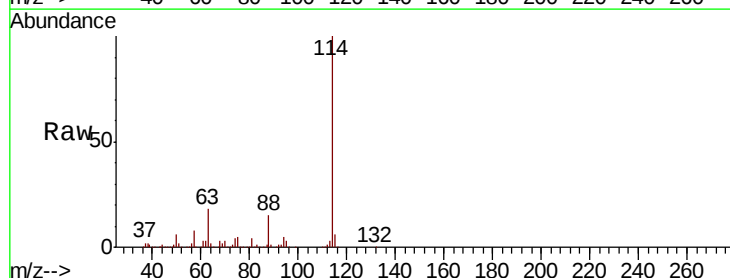
Tgt Ion: 114 Resp: 353715

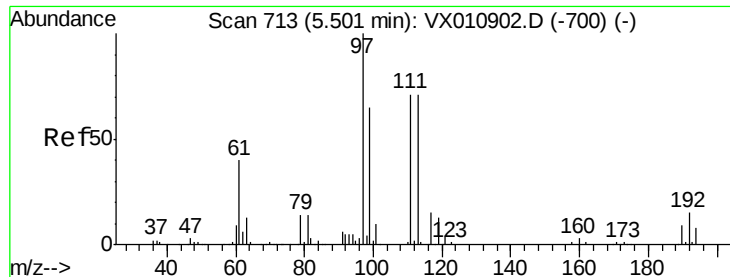
Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.6

88 15.1 0.0 29.8





#35

Dibromofluoromethane

Concen: 48.654 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010958.D

Acq: 18 Jul 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

FL-0604DL

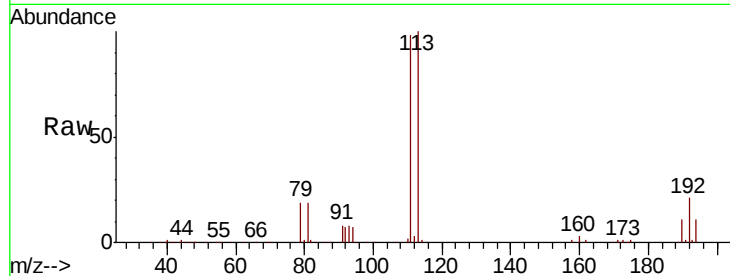
Tot Ion:113 Resp: 109234

Ion Ratio Lower Upper

113 100

111 100.2 82.3 123.5

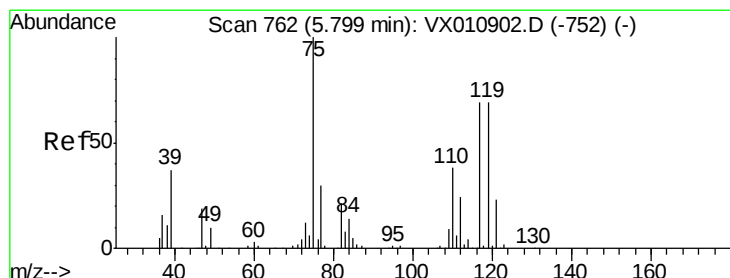
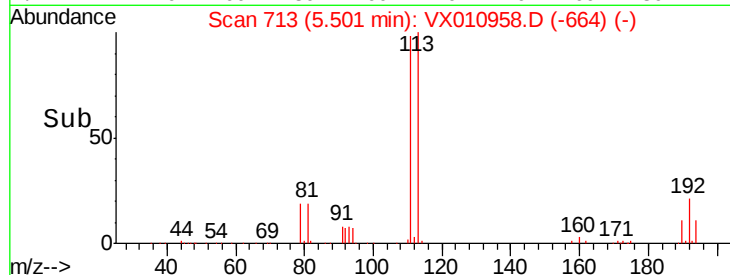
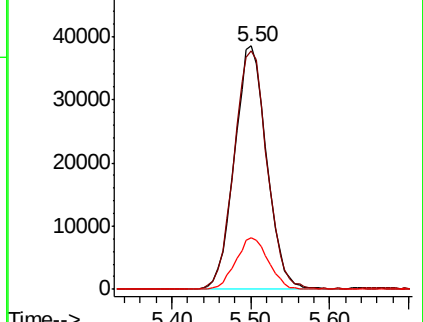
192 21.6 17.4 26.2



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: 5.286 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX010958.D

Acq: 18 Jul 2019 14:59

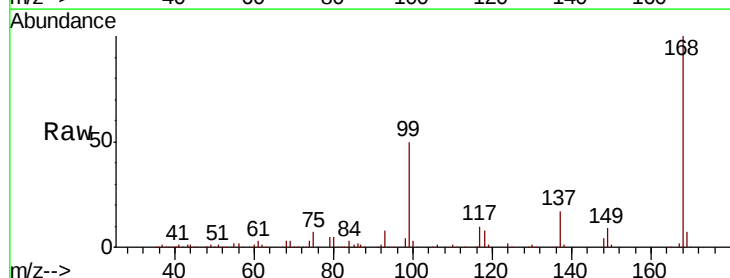
Tgt Ion: 75 Resp: 15358

Ion Ratio Lower Upper

75 100

110 10.1 19.9 59.7#

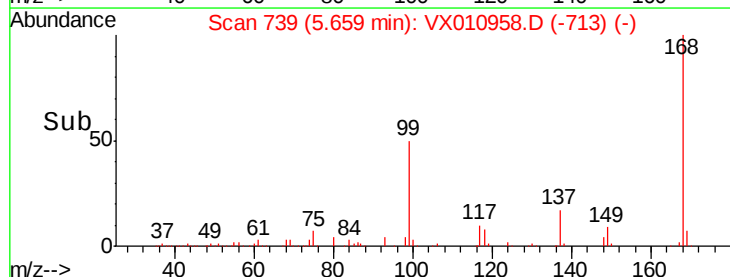
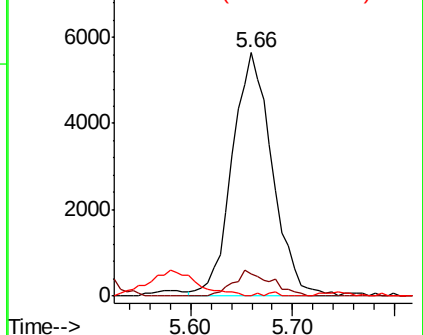
77 0.0 25.0 37.4#

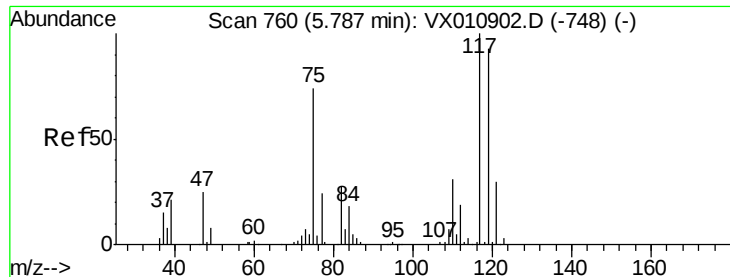


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.853 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX010958.D

Acq: 18 Jul 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

FL-0604DL

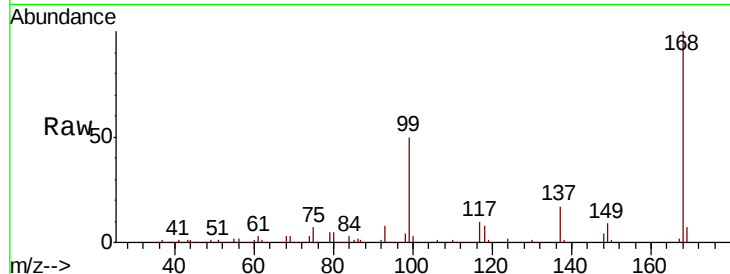
Tot Ion:117 Resp: 20747

Ion Ratio Lower Upper

117 100

119 5.2 74.2 111.2#

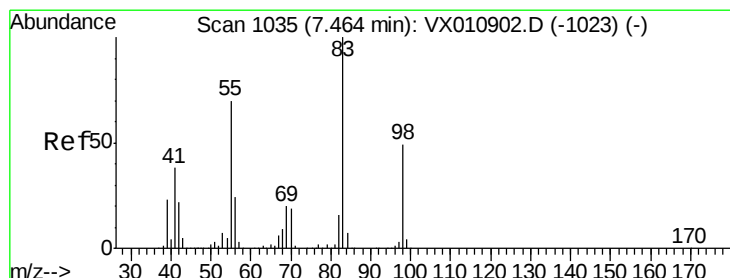
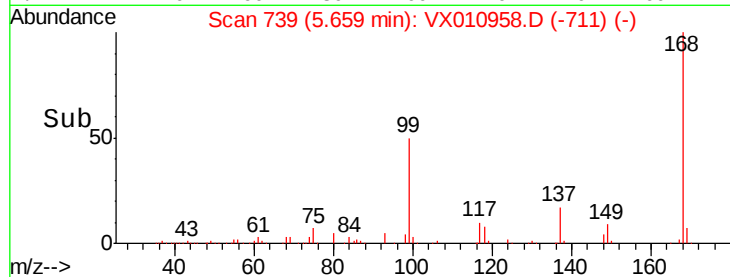
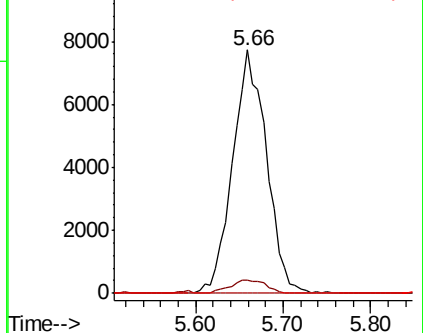
121 0.0 24.2 36.2#



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: 37.943 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX010958.D

Acq: 18 Jul 2019 14:59

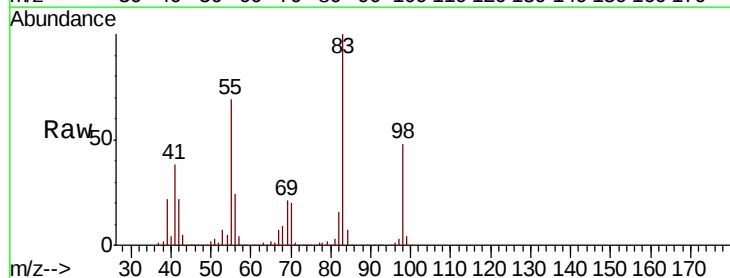
Tgt Ion: 83 Resp: 142962

Ion Ratio Lower Upper

83 100

55 69.1 56.2 84.4

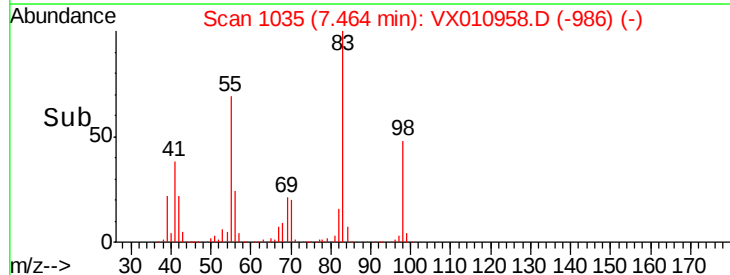
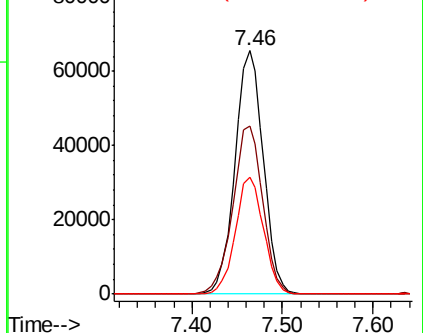
98 48.1 39.0 58.4

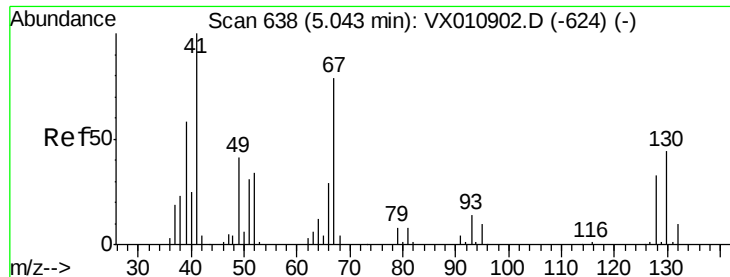


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#41

Methacrylonitrile

Concen: 0.207 ug/l

RT: 5.07 min Scan# 642

Delta R.T. 0.02 min

Lab File: VX010958.D

Acq: 18 Jul 2019 14:59

Instrument :

MSVOA_X

ClientSampleID :

FL-0604DL

Tot Ion: 41 Resp: 350

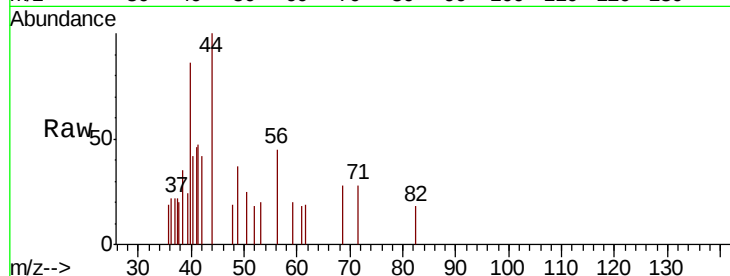
Ion Ratio Lower Upper

41 100

39 124.0 45.4 68.2#

67 6.3 65.9 98.9#

52 39.1 26.2 39.2

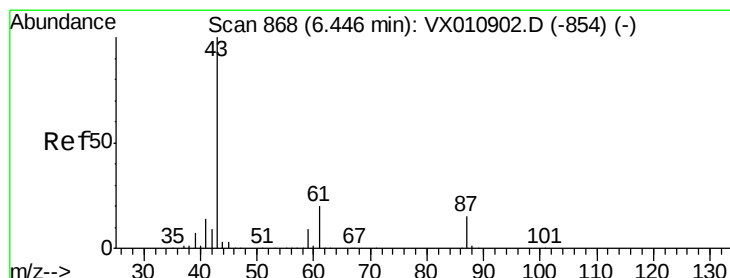
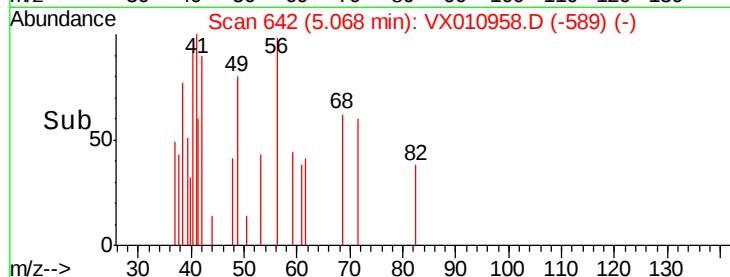
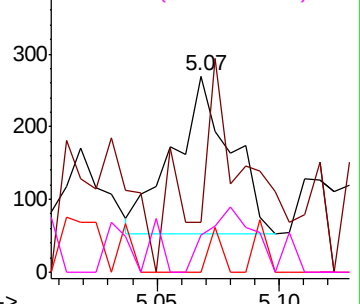


Abundance Ion 41.00 (40.70 to 41.70): VX0

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



#43

Isopropyl Acetate

Concen: 0.465 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX010958.D

Acq: 18 Jul 2019 14:59

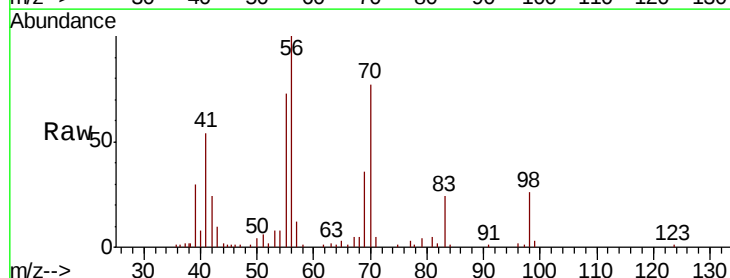
Tgt Ion: 43 Resp: 2274

Ion Ratio Lower Upper

43 100

61 1.2 17.1 25.7#

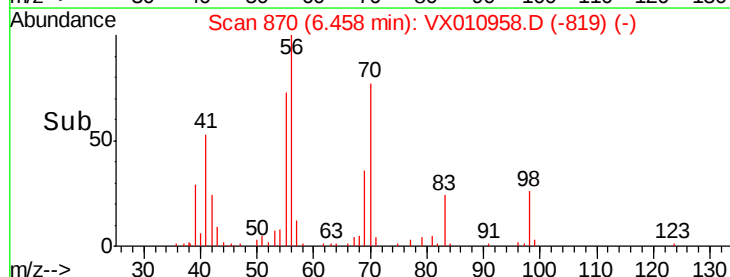
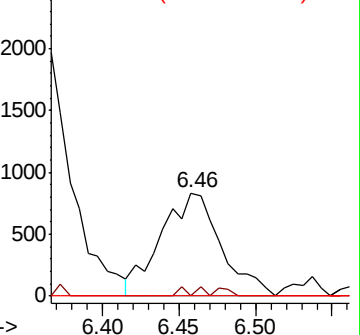
87 0.0 12.0 18.0#

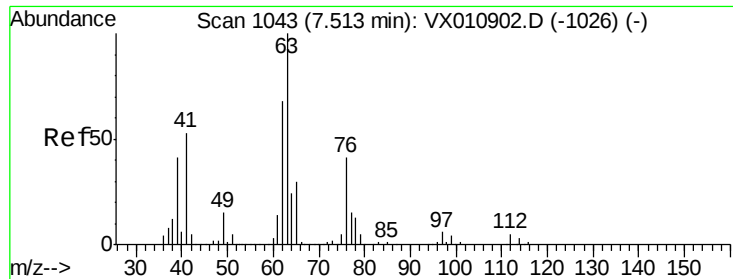


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

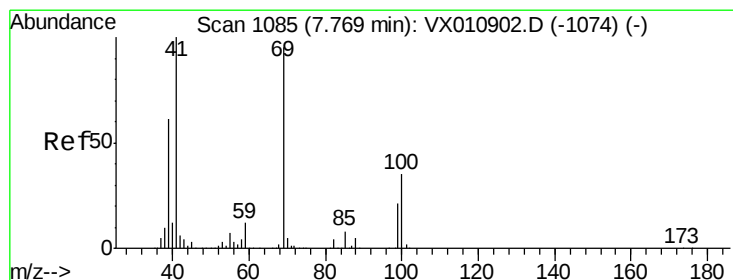
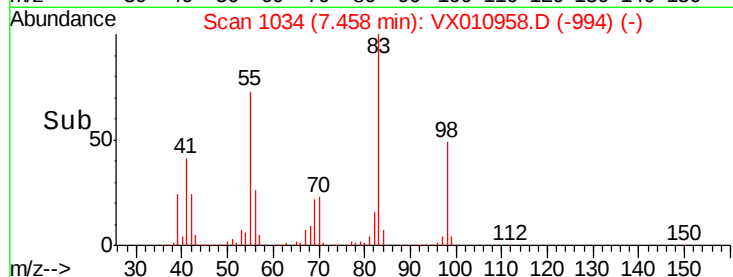
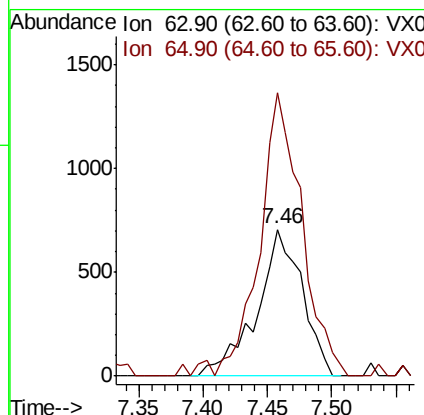
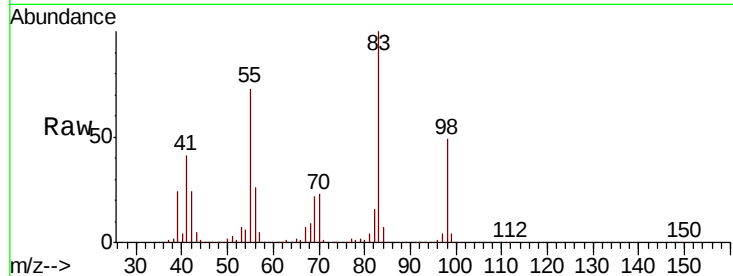




#45
 1,2-Dichloropropane
 Concen: 0.762 ug/l
 RT: 7.46 min Scan# 1034
 Delta R.T. -0.05 min
 Lab File: VX010958.D
 Acq: 18 Jul 2019 14:59

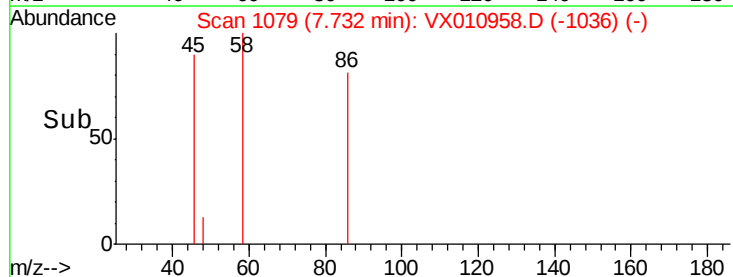
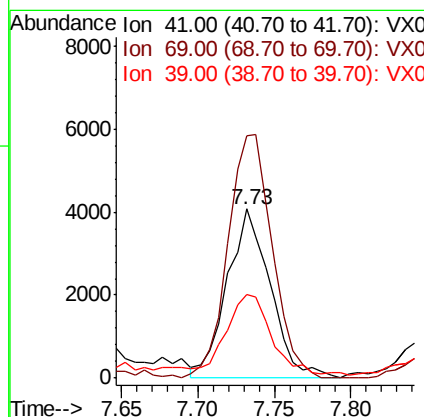
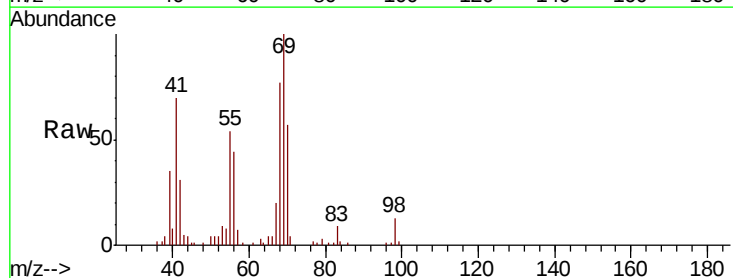
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0604DL

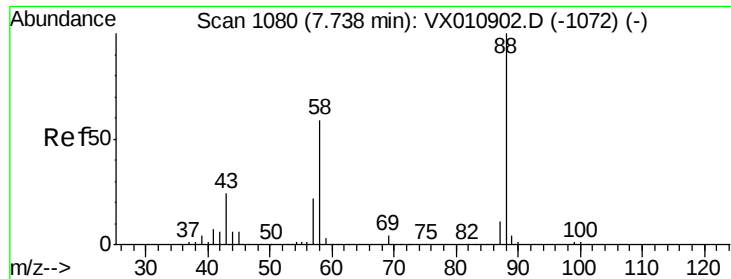
Tot Ion: 63 Resp: 1727
 Ion Ratio Lower Upper
 63 100
 65 192.8 24.4 36.6#



#48
 Methyl methacrylate
 Concen: 3.356 ug/l
 RT: 7.73 min Scan# 1079
 Delta R.T. -0.04 min
 Lab File: VX010958.D
 Acq: 18 Jul 2019 14:59

Tgt Ion: 41 Resp: 7997
 Ion Ratio Lower Upper
 41 100
 69 146.6 74.4 111.6#
 39 46.3 48.9 73.3#

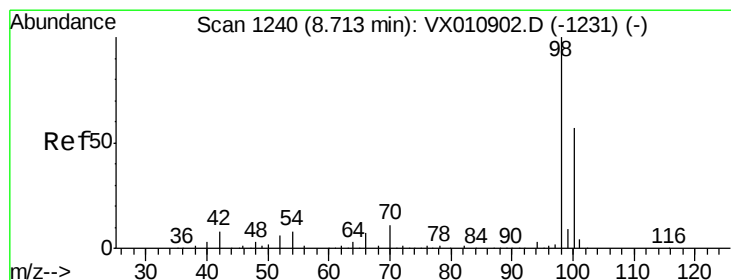
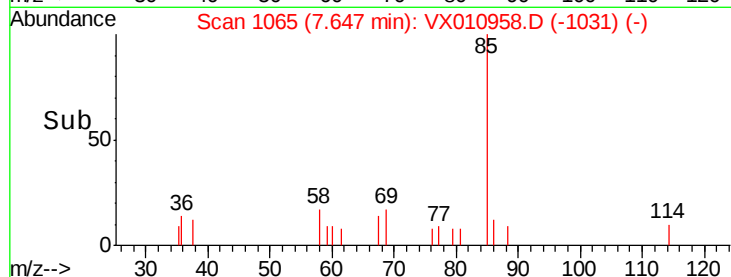
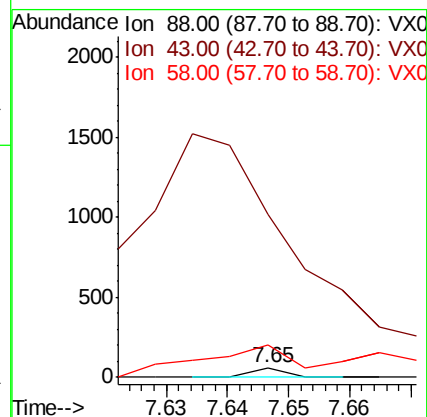
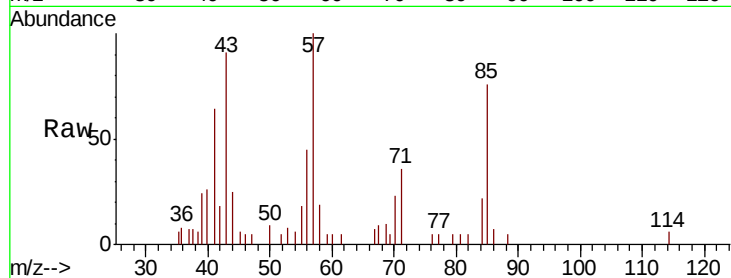




#49
 1,4-Dioxane
 Concen: 0.315 ug/l
 RT: 7.65 min Scan# 1065
 Delta R.T. -0.09 min
 Lab File: VX010958.D
 Acq: 18 Jul 2019 14:59

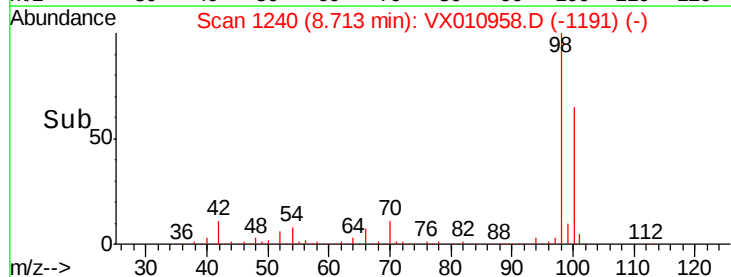
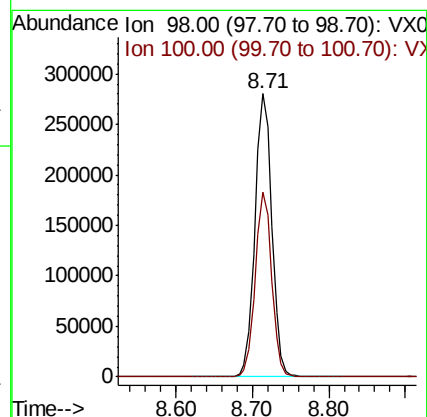
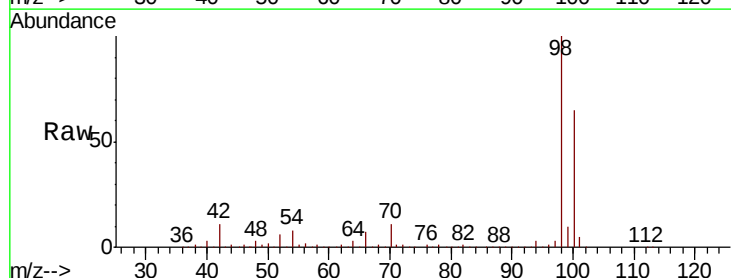
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0604DL

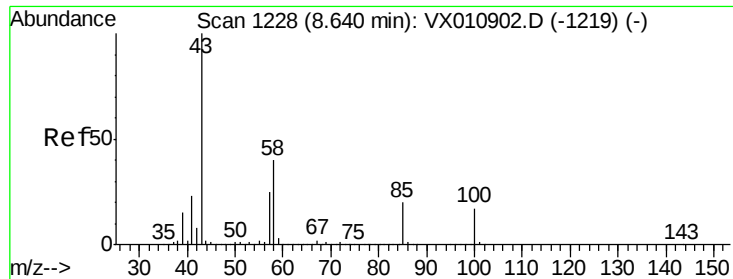
Tot Ion: 88 Resp: 21
 Ion Ratio Lower Upper
 88 100
 43 9838.1 22.9 34.3#
 58 1014.3 49.8 74.8#



#50
 Toluene-d8
 Concen: 51.351 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX010958.D
 Acq: 18 Jul 2019 14:59

Tgt Ion: 98 Resp: 432405
 Ion Ratio Lower Upper
 98 100
 100 63.7 50.6 75.8

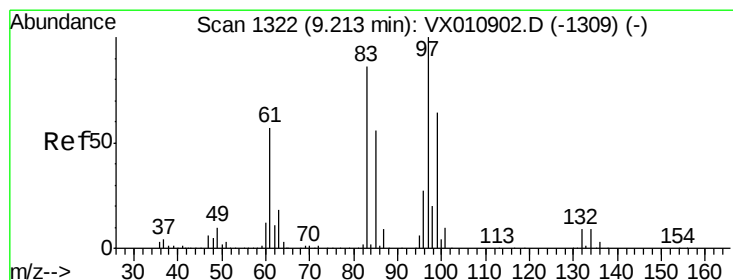
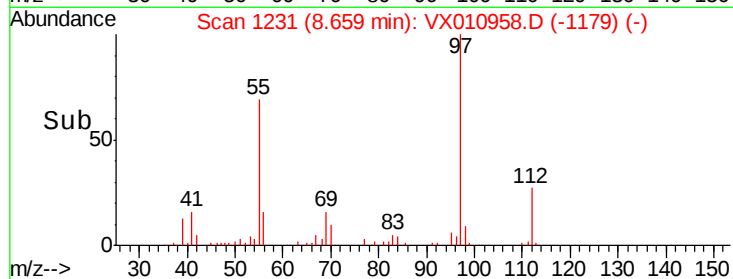
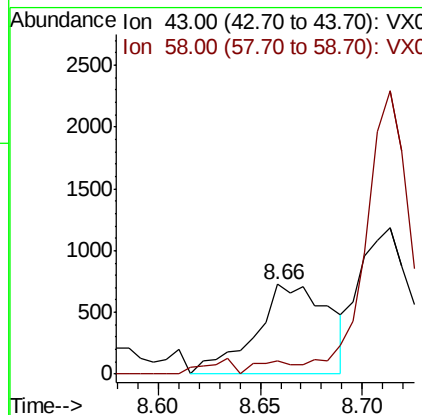
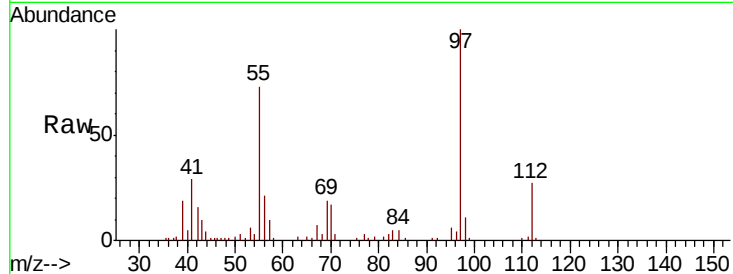




#51
4-Methyl-2-Pentanone
Concen: 0.577 ug/l
RT: 8.66 min Scan# 1231
Delta R.T. 0.02 min
Lab File: VX010958.D
Acq: 18 Jul 2019 14:59

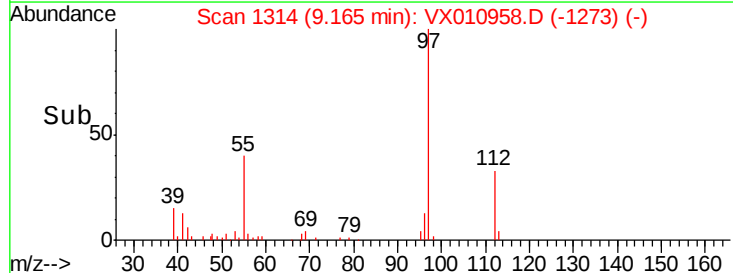
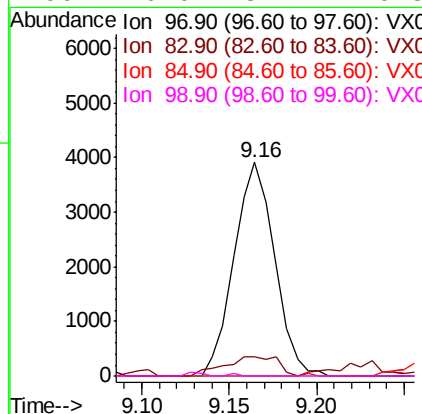
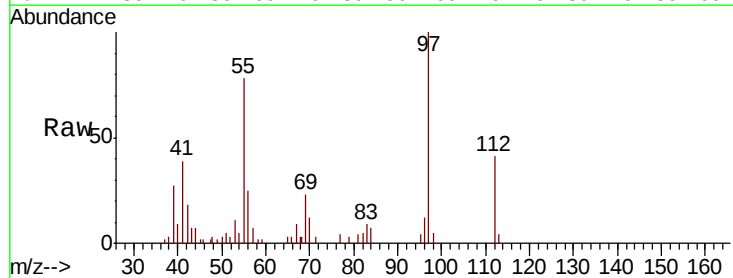
Instrument :
MSVOA_X
ClientSampled :
FL-0604DL

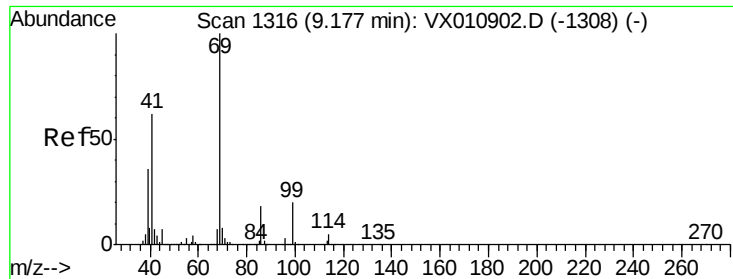
Tot Ion: 43 Resp: 1831
Ion Ratio Lower Upper
43 100
58 7.1 32.2 48.4#



#55
1,1,2-Trichloroethane
Concen: 2.613 ug/l
RT: 9.16 min Scan# 1314
Delta R.T. -0.05 min
Lab File: VX010958.D
Acq: 18 Jul 2019 14:59

Tgt Ion: 97 Resp: 6291
Ion Ratio Lower Upper
97 100
83 9.2 69.2 103.8#
85 0.0 44.6 66.8#
99 0.0 51.2 76.8#





#56

Ethyl methacrylate

Concen: 0.438 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX010958.D

Acq: 18 Jul 2019 14:59

Instrument :

MSVOA_X

ClientSampled :

FL-0604DL

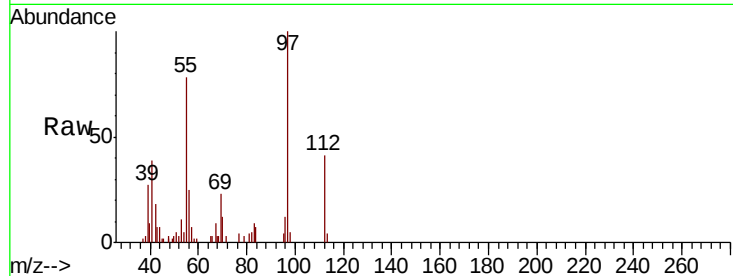
Tot Ion: 69 Resp: 1544

Ion Ratio Lower Upper

69 100

41 145.1 49.7 74.5#

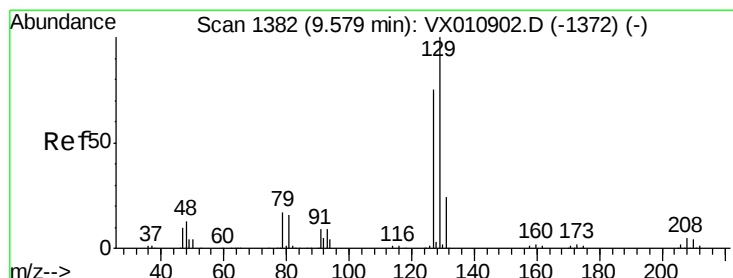
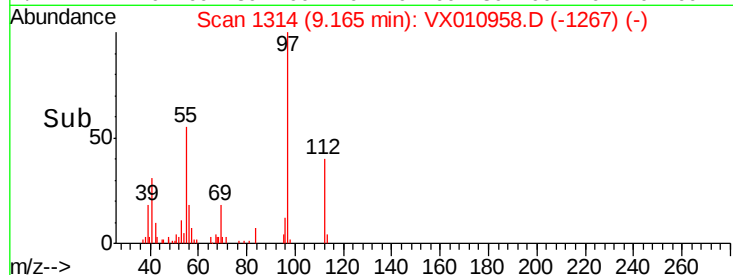
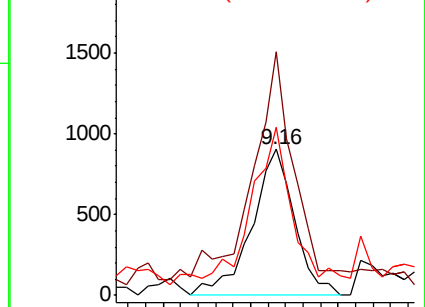
39 104.8 29.6 44.4#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#60

Dibromochloromethane

Concen: 2.535 ug/l

RT: 9.69 min Scan# 1400

Delta R.T. 0.11 min

Lab File: VX010958.D

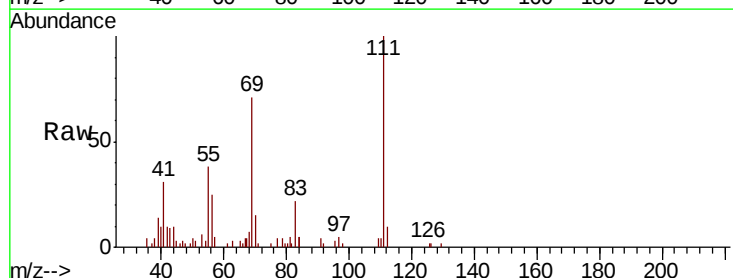
Acq: 18 Jul 2019 14:59

Tgt Ion: 129 Resp: 21

Ion Ratio Lower Upper

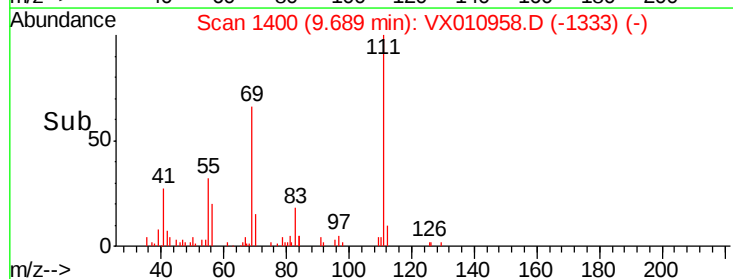
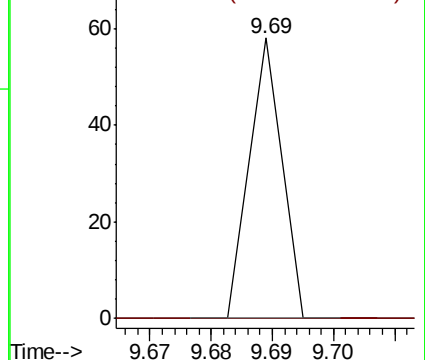
129 100

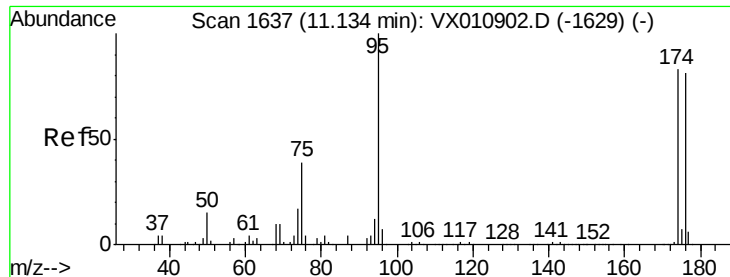
127 0.0 38.6 115.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

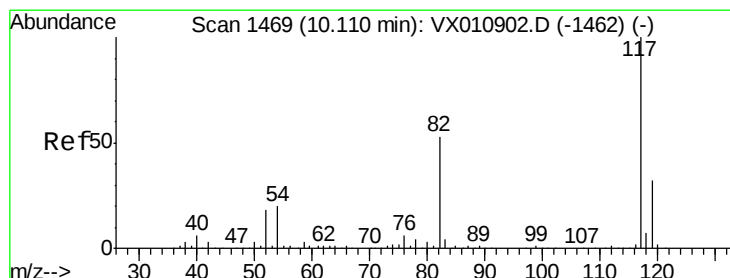
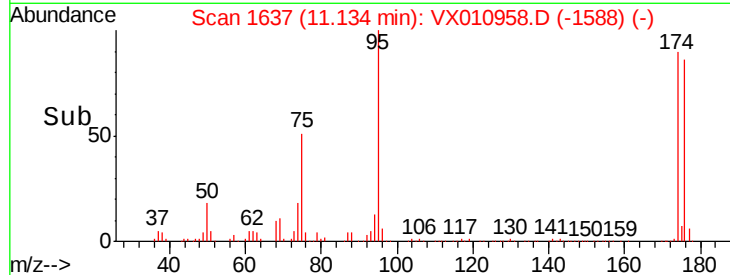
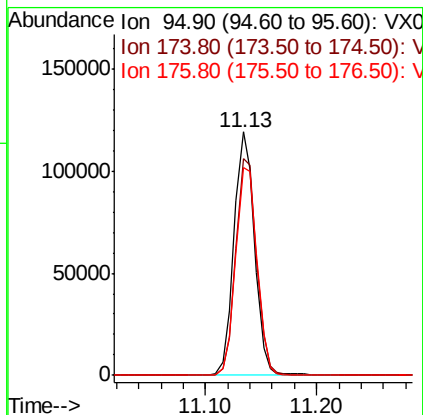
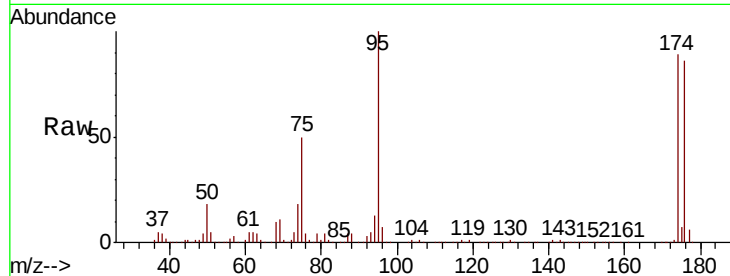




#62
4-Bromofluorobenzene
Concen: 49.316 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX010958.D
Acq: 18 Jul 2019 14:59

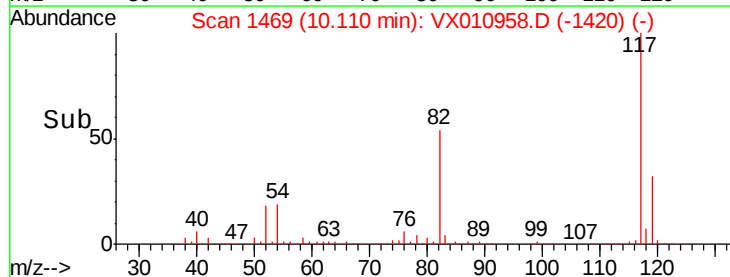
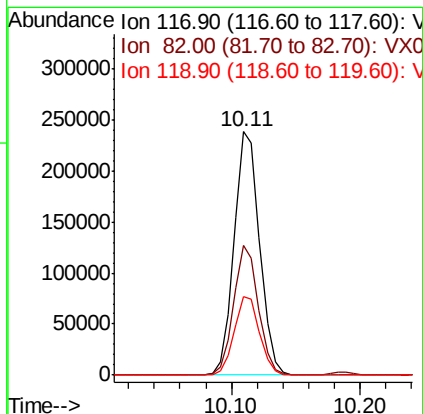
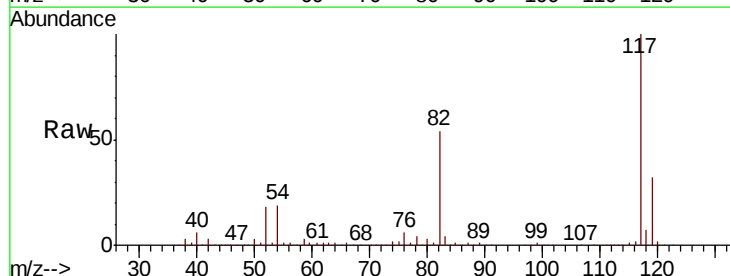
Instrument :
MSVOA_X
ClientSampleId :
FL-0604DL

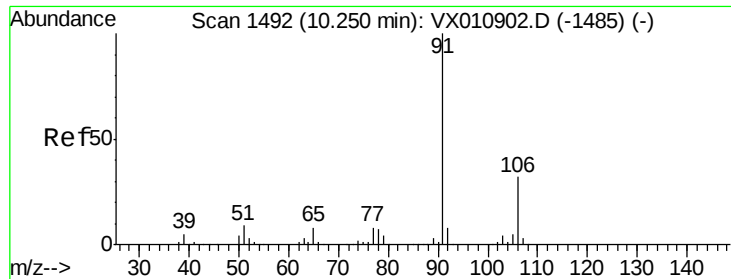
Tot Ion: 95 Resp: 152639
Ion Ratio Lower Upper
95 100
174 90.7 0.0 180.6
176 88.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010958.D
Acq: 18 Jul 2019 14:59

Tgt Ion: 117 Resp: 329490
Ion Ratio Lower Upper
117 100
82 53.5 42.6 63.8
119 32.1 25.9 38.9





#67

Ethyl Benzene

Concen: 9.944 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010958.D

Acq: 18 Jul 2019 14:59

Instrument :

MSVOA_X

ClientSampleID :

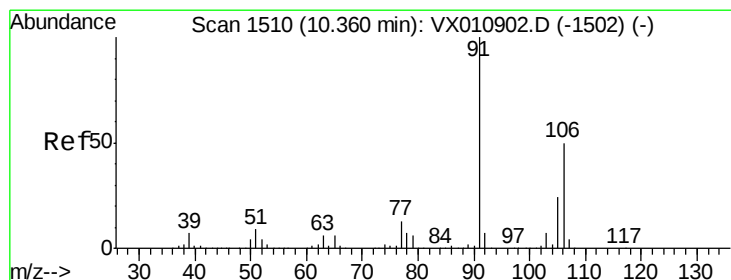
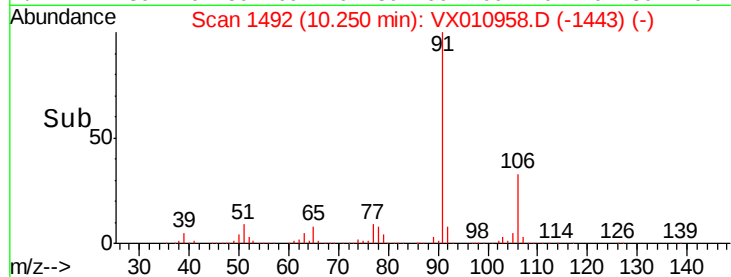
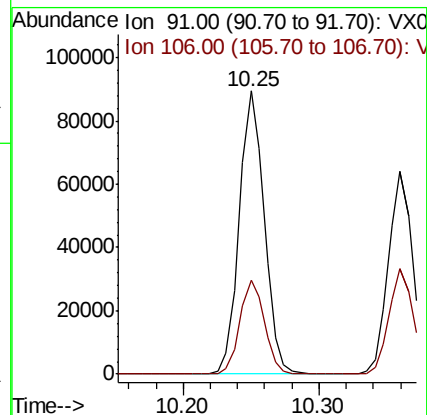
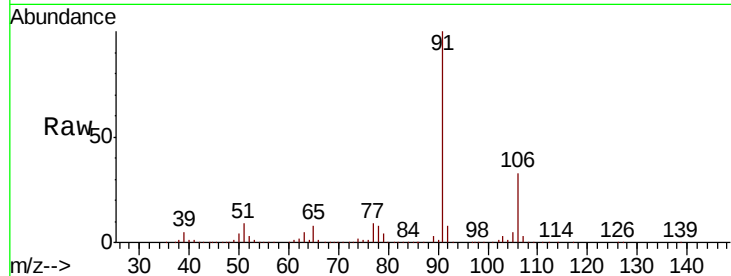
FL-0604DL

Tot Ion: 91 Resp: 114548

Ion Ratio Lower Upper

91 100

106 33.0 25.4 38.2



#68

m/p-Xylenes

Concen: 9.470 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX010958.D

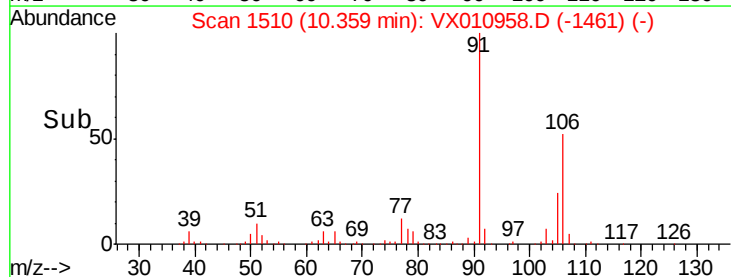
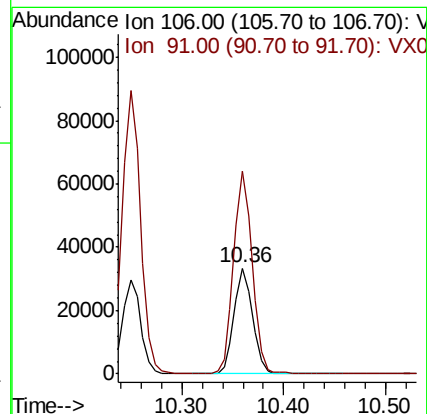
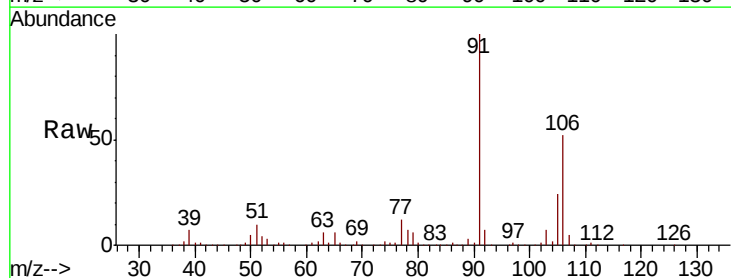
Acq: 18 Jul 2019 14:59

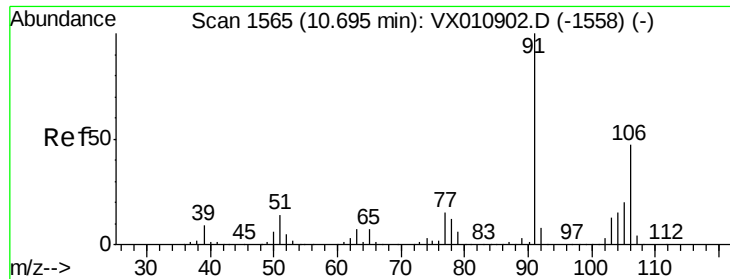
Tgt Ion: 106 Resp: 41842

Ion Ratio Lower Upper

106 100

91 191.4 160.1 240.1

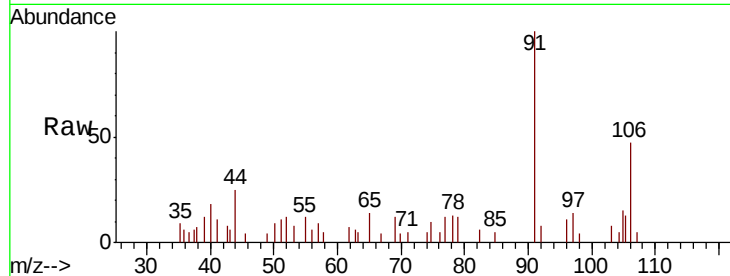




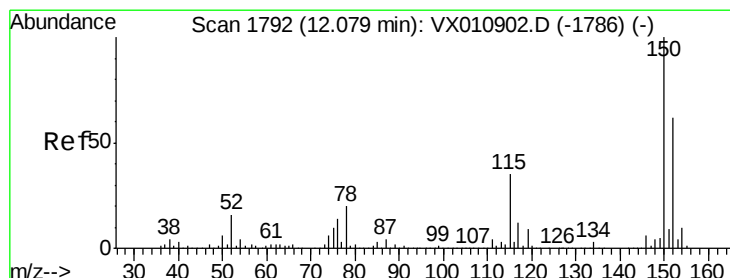
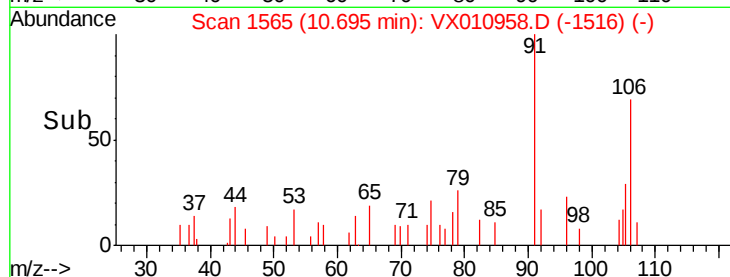
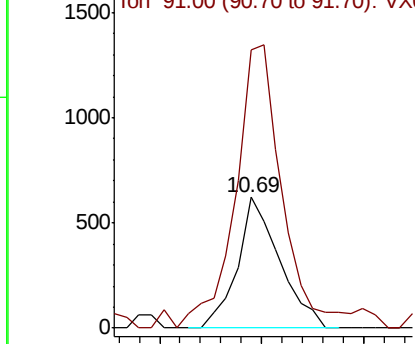
#69
o-Xylene
Concen: 0.207 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010958.D
Acq: 18 Jul 2019 14:59

Instrument :
MSVOA_X
ClientSampleId :
FL-0604DL

Tot Ion:106 Resp: 892
Ion Ratio Lower Upper
106 100
91 250.6 105.1 315.3

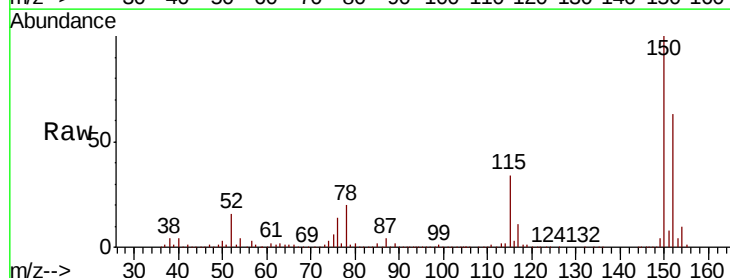


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

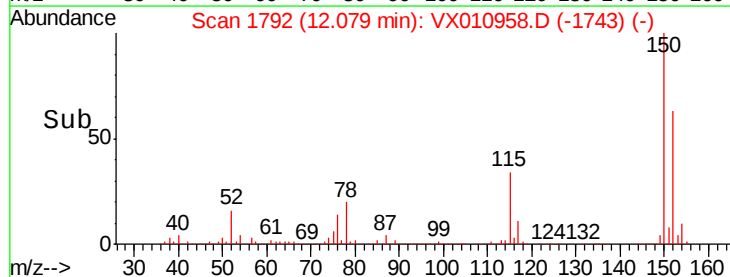
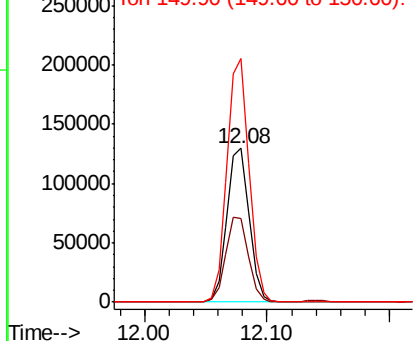


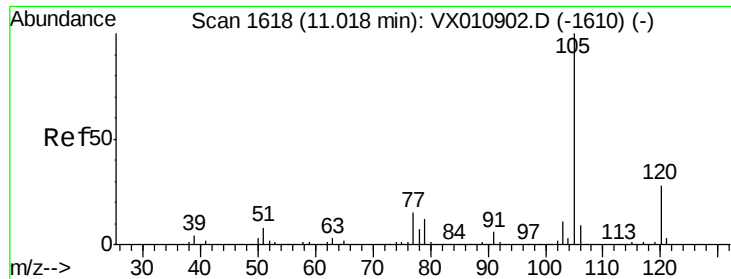
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010958.D
Acq: 18 Jul 2019 14:59

Tgt Ion:152 Resp: 162308
Ion Ratio Lower Upper
152 100
115 56.0 39.7 119.1
150 157.4 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: 4.833 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010958.D

Acq: 18 Jul 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

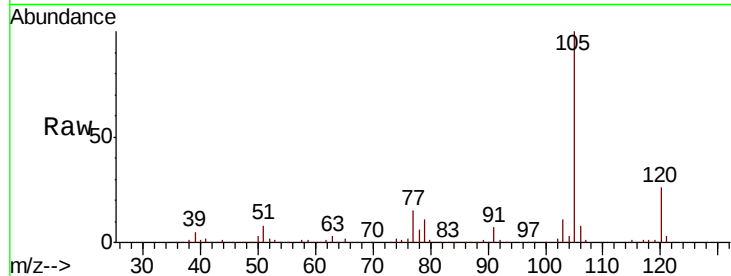
FL-0604DL

Tot Ion:105 Resp: 53006

Ion Ratio Lower Upper

105 100

120 27.6 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

50000

40000

30000

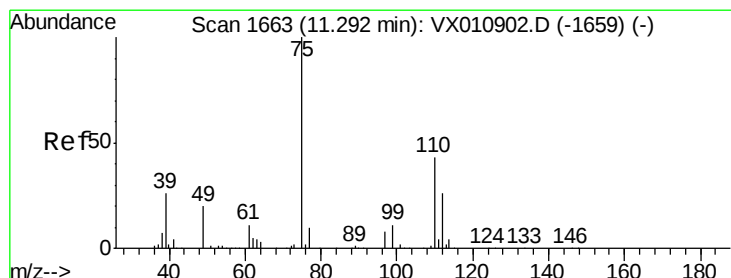
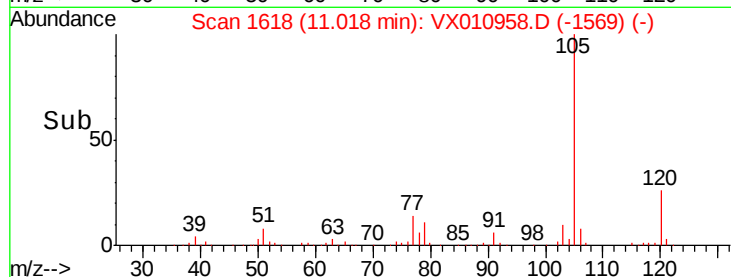
20000

10000

0

Time-->

10.95 11.00 11.05 11.10



#76

1,2,3-Trichloropropane

Concen: 25.552 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010958.D

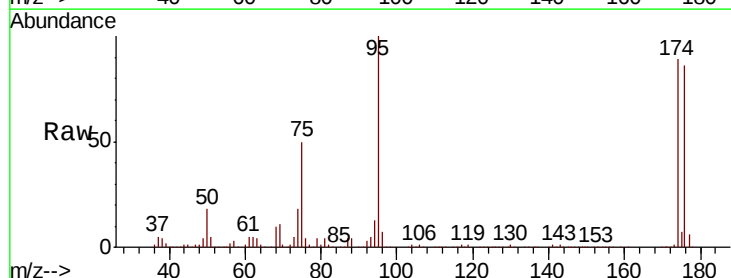
Acq: 18 Jul 2019 14:59

Tgt Ion: 75 Resp: 74841

Ion Ratio Lower Upper

75 100

77 1.1 21.3 64.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.13

60000

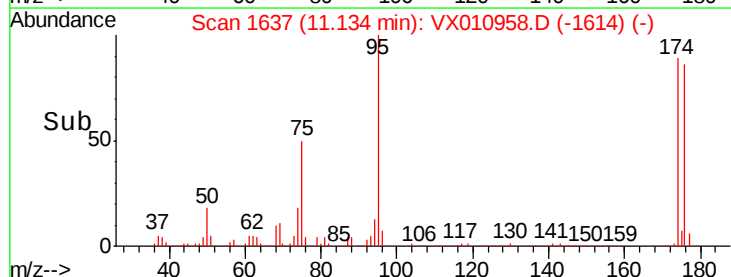
40000

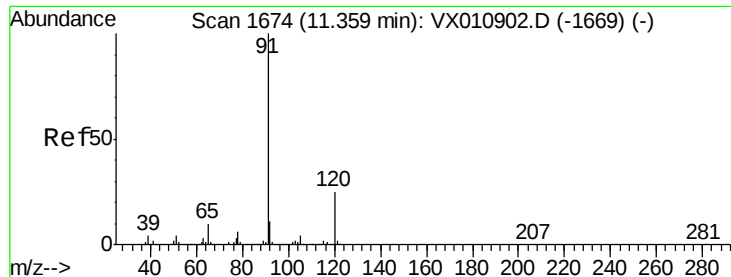
20000

0

Time-->

11.05 11.10 11.15 11.20





#78

n-propylbenzene

Concen: 9.649 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010958.D

Acq: 18 Jul 2019 14:59

Instrument :

MSVOA_X

ClientSampled :

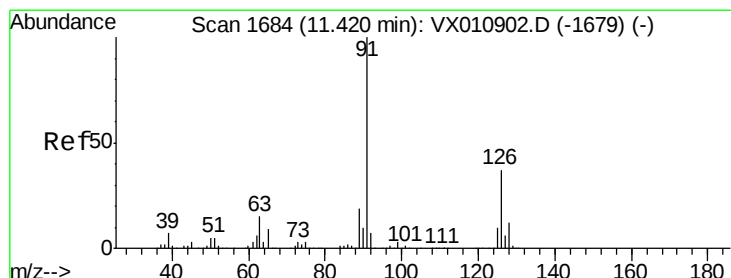
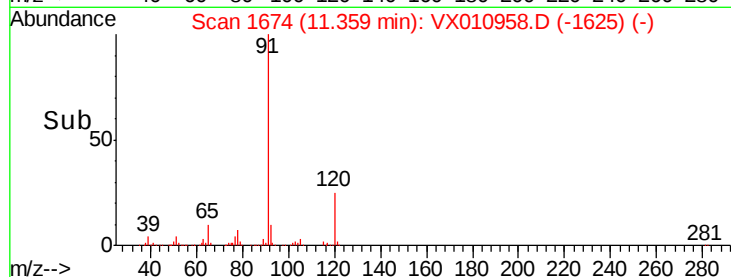
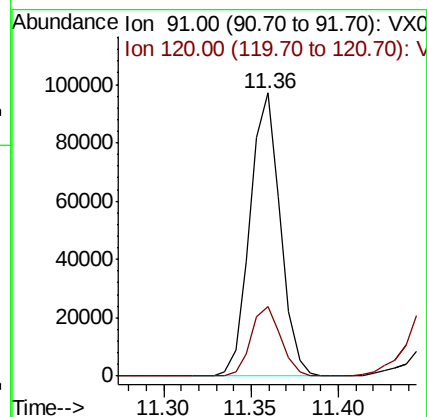
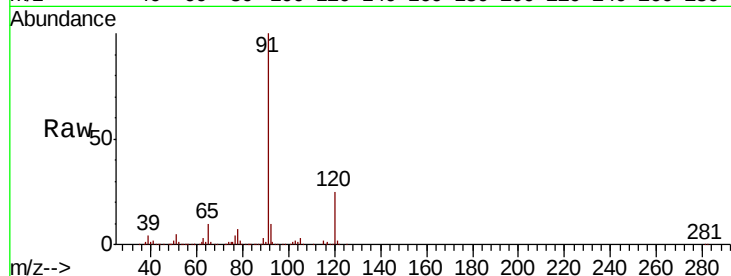
FL-0604DL

Tot Ion: 91 Resp: 116920

Ion Ratio Lower Upper

91 100

120 24.4 12.3 36.8



#79

2-Chlorotoluene

Concen: 2.573 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. 0.03 min

Lab File: VX010958.D

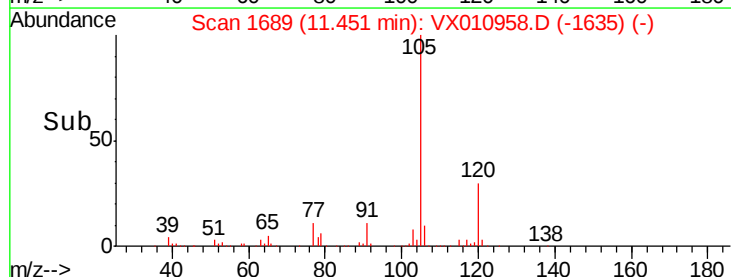
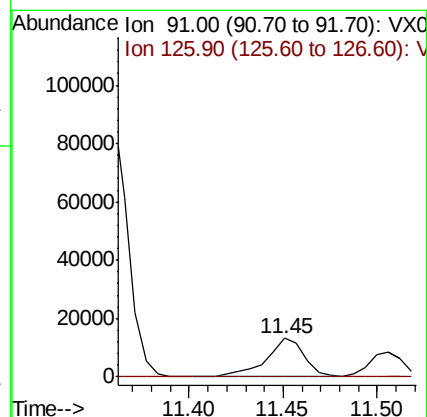
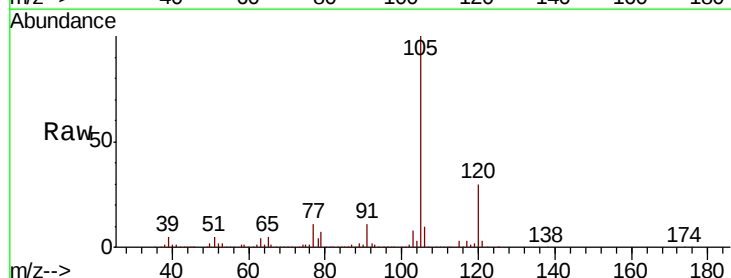
Acq: 18 Jul 2019 14:59

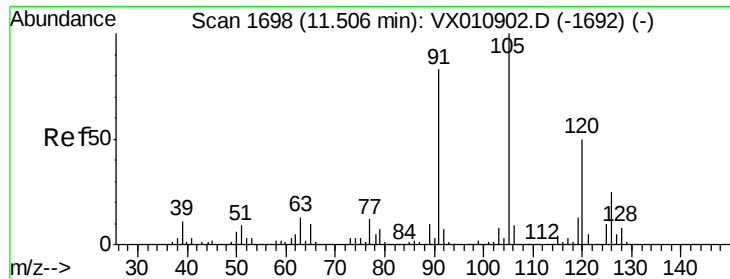
Tgt Ion: 91 Resp: 18733

Ion Ratio Lower Upper

91 100

126 0.0 18.0 54.0#

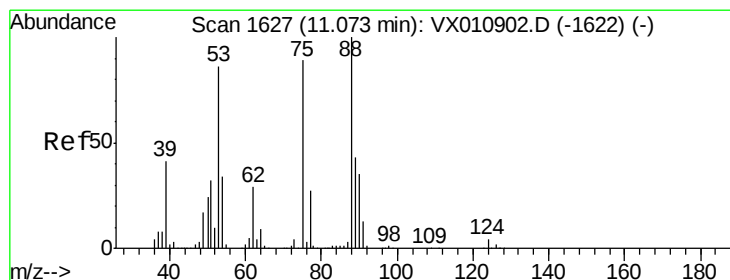
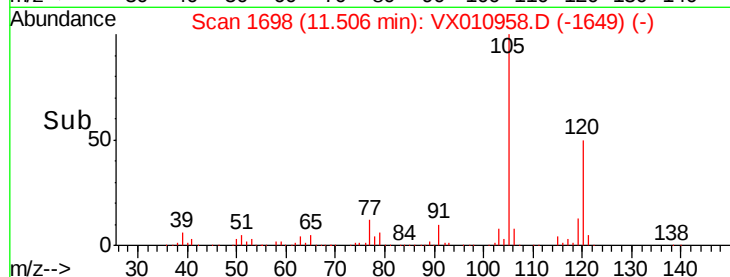
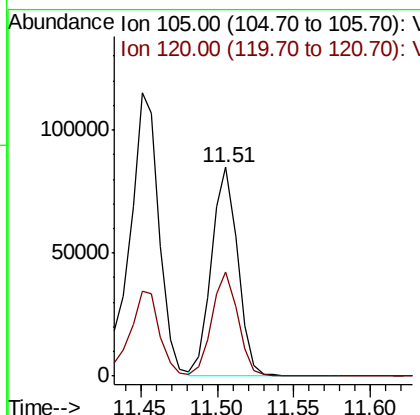
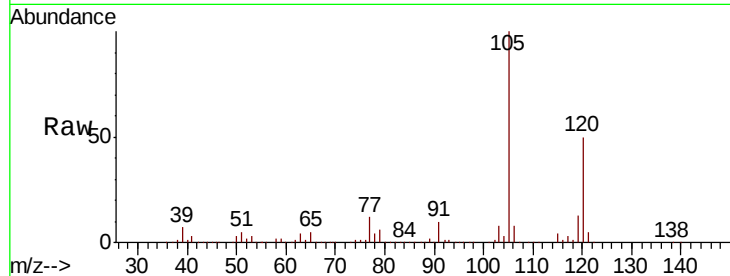




#80
 1,3,5-Trimethylbenzene
 Concen: 11.053 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX010958.D
 Acq: 18 Jul 2019 14:59

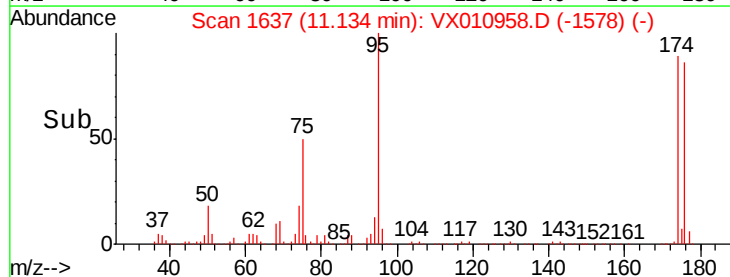
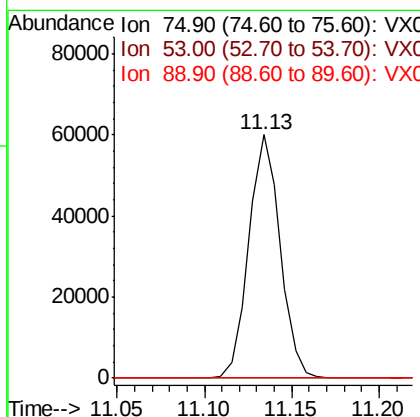
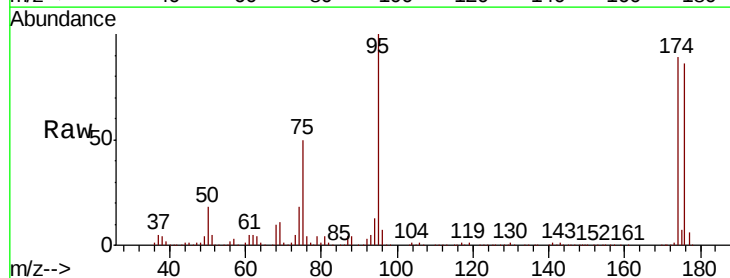
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0604DL

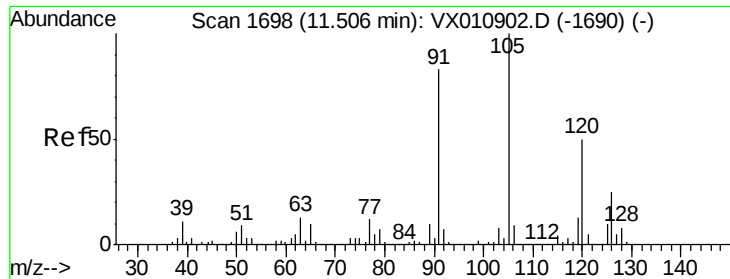
Tot Ion:105 Resp: 101289
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.6 73.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.565 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010958.D
 Acq: 18 Jul 2019 14:59

Tgt Ion: 75 Resp: 74841
 Ion Ratio Lower Upper
 75 100
 53 0.1 76.7 115.1#
 89 0.0 38.5 57.7#





#82

4-Chlorotoluene

Concen: 1.301 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010958.D

Acq: 18 Jul 2019 14:59

Instrument :

MSVOA_X

ClientSampled :

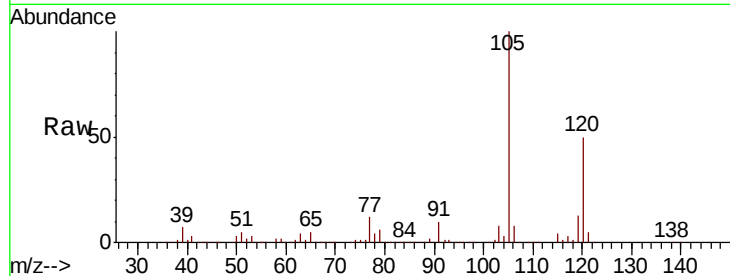
FL-0604DL

Tot Ion: 91 Resp: 11026

Ion Ratio Lower Upper

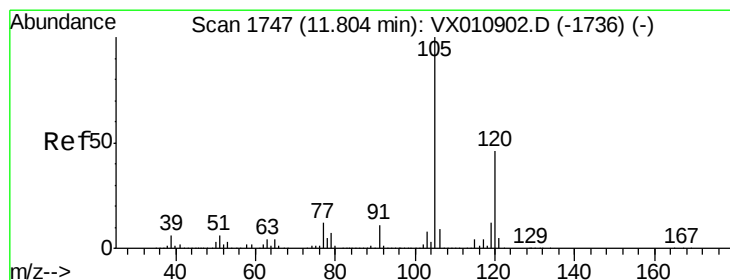
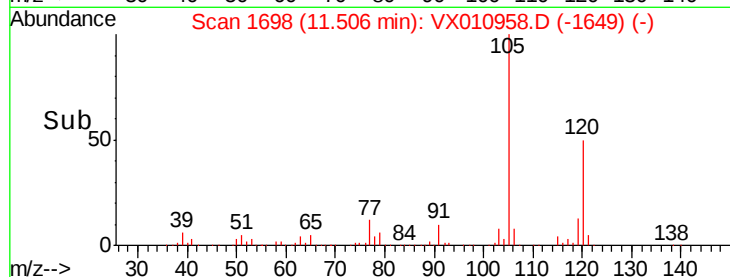
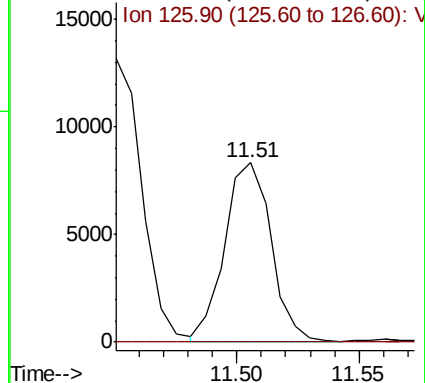
91 100

126 0.0 15.9 47.7#



Abundance Ion 91.00 (90.70 to 91.70): VX010902.D (-1690) (-)

Ion 125.90 (125.60 to 126.60): VX010902.D (-1690) (-)



#84

1,2,4-Trimethylbenzene

Concen: 36.600 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX010958.D

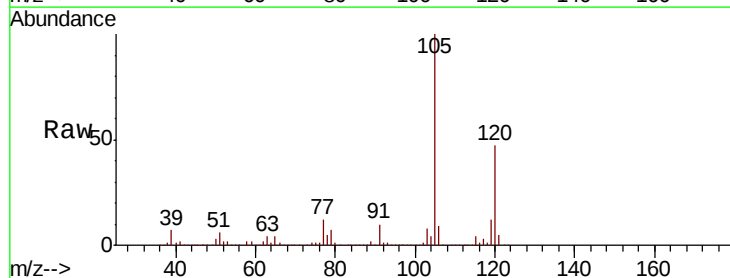
Acq: 18 Jul 2019 14:59

Tgt Ion:105 Resp: 338054

Ion Ratio Lower Upper

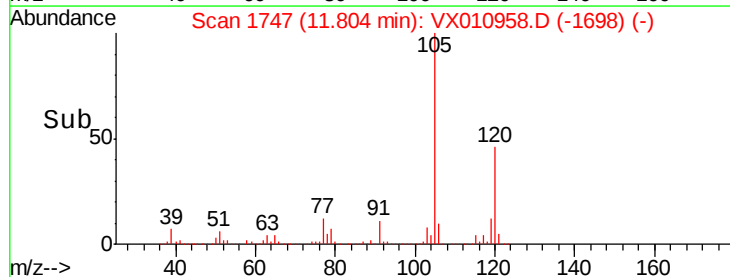
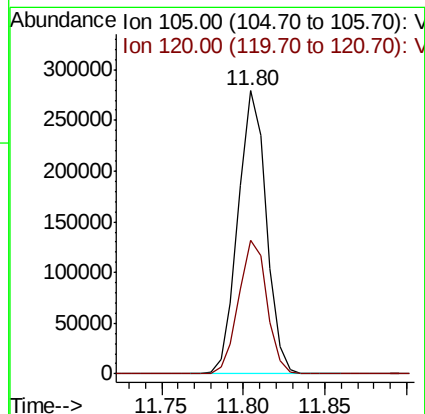
105 100

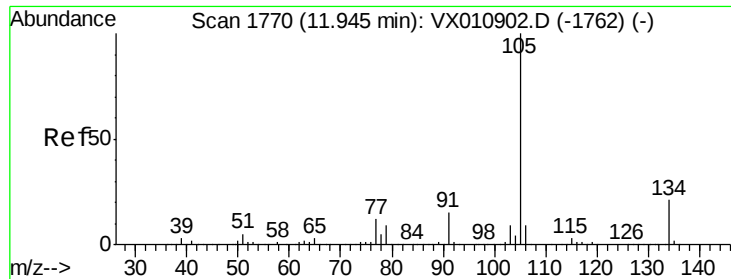
120 47.1 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): VX010902.D (-1736) (-)

Ion 120.00 (119.70 to 120.70): VX010902.D (-1736) (-)

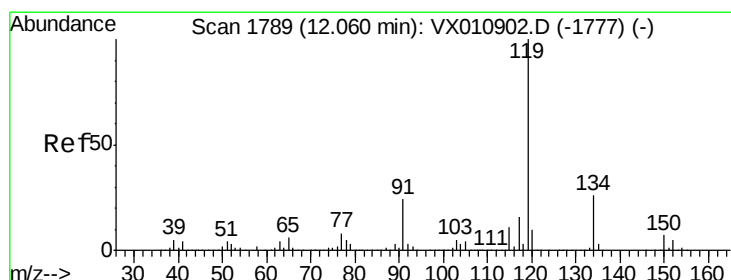
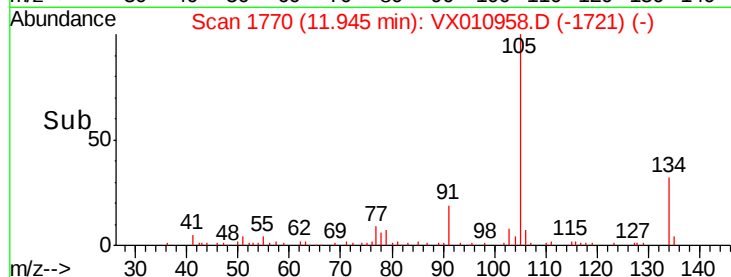
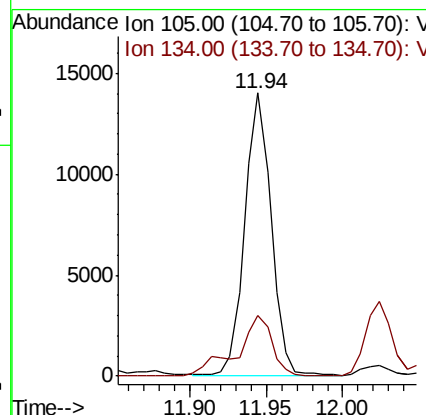
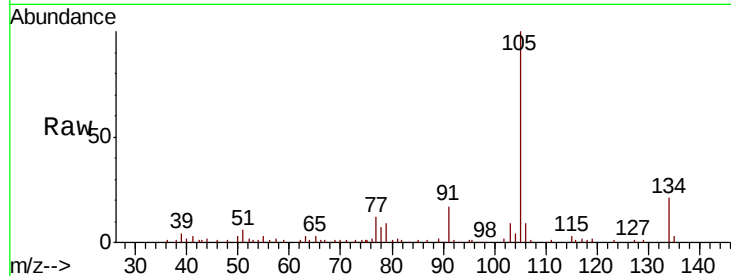




#85
 sec-Butylbenzene
 Concen: 1.605 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX010958.D
 Acq: 18 Jul 2019 14:59

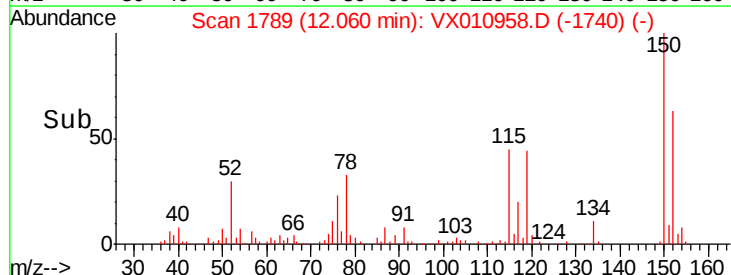
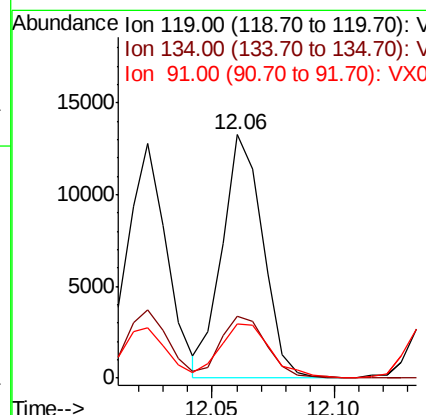
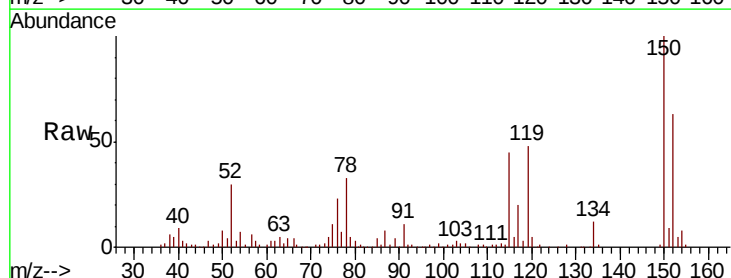
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0604DL

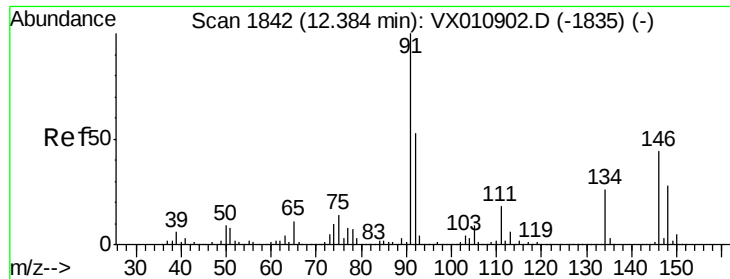
Tot Ion:105 Resp: 16931
 Ion Ratio Lower Upper
 105 100
 134 28.3 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 1.576 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX010958.D
 Acq: 18 Jul 2019 14:59

Tgt Ion:119 Resp: 15364
 Ion Ratio Lower Upper
 119 100
 134 28.2 13.4 40.1
 91 27.7 11.8 35.4

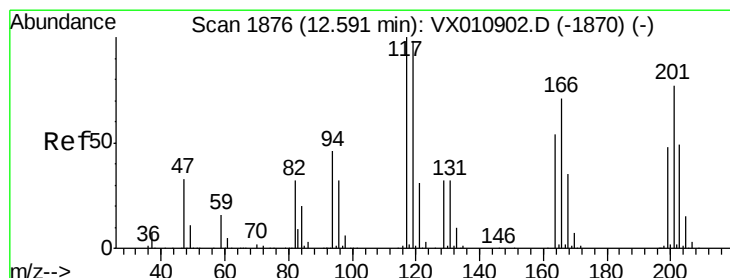
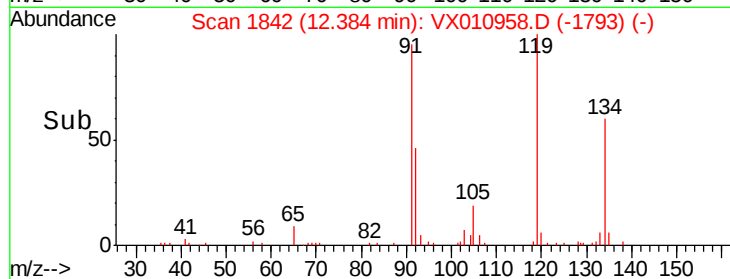
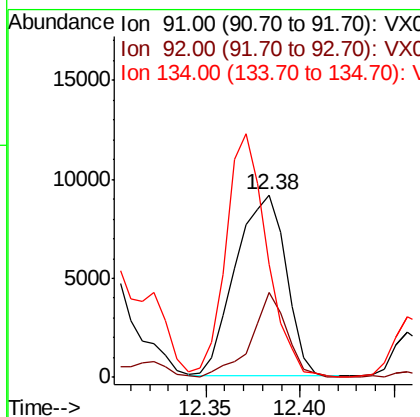
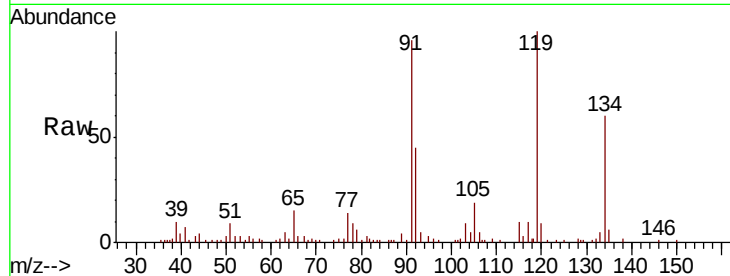




#89
n-Butylbenzene
Concen: 2.041 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010958.D
Acq: 18 Jul 2019 14:59

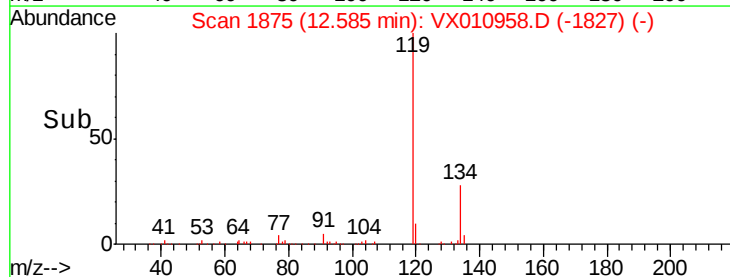
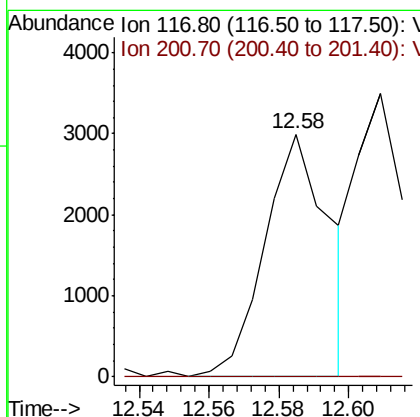
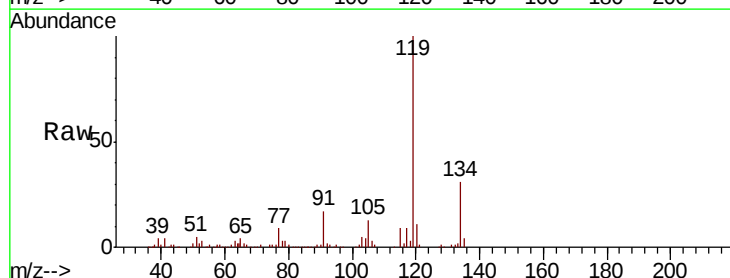
Instrument :
MSVOA_X
ClientSampleId :
FL-0604DL

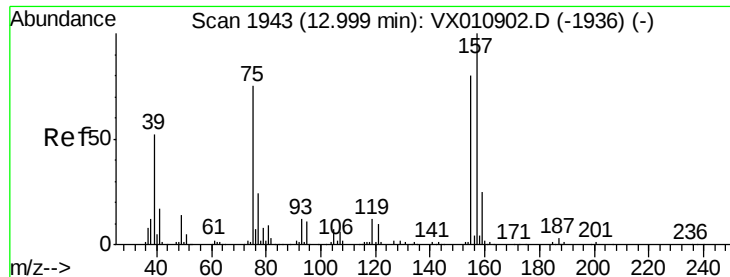
Tot Ion: 91 Resp: 17029
Ion Ratio Lower Upper
91 100
92 32.9 26.2 78.5
134 109.4 13.8 41.3#



#90
Hexachloroethane
Concen: 2.486 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX010958.D
Acq: 18 Jul 2019 14:59

Tgt Ion: 117 Resp: 3824
Ion Ratio Lower Upper
117 100
201 0.0 43.3 129.8#

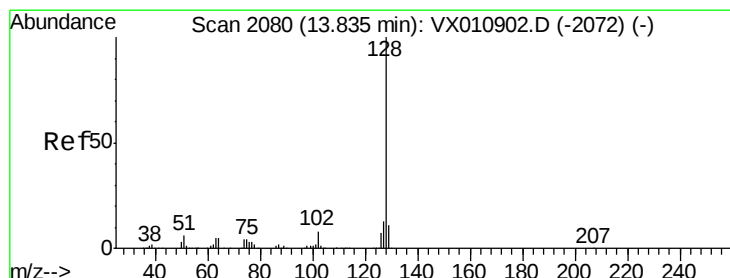
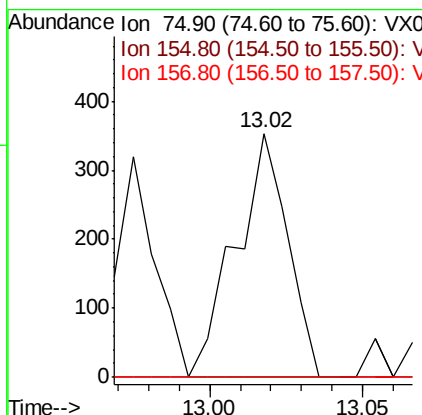
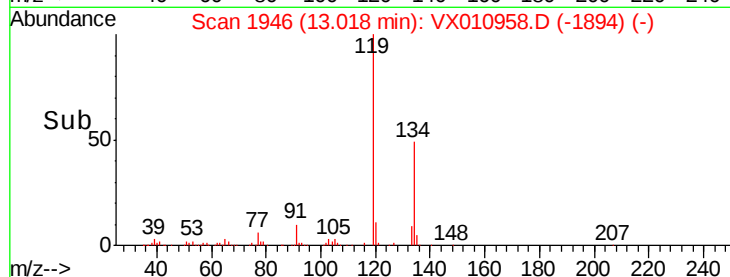
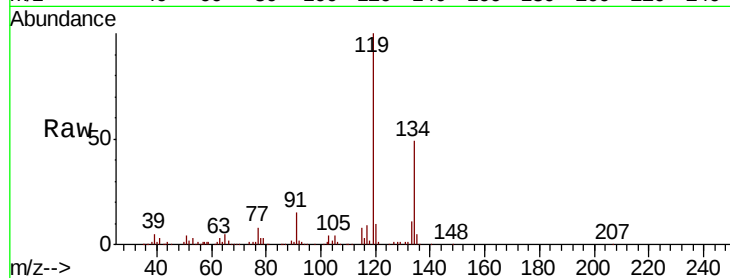




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.555 ug/l
 RT: 13.02 min Scan# 1946
 Delta R.T. 0.02 min
 Lab File: VX010958.D
 Acq: 18 Jul 2019 14:59

Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0604DL

Tot Ion: 75 Resp: 416
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.7 146.1#
 157 0.0 62.5 187.6#



#95
 Naphthalene
 Concen: 3.068 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX010958.D
 Acq: 18 Jul 2019 14:59

Tgt Ion:128 Resp: 31943
 Ion Ratio Lower Upper
 128 100
 127 13.4 10.4 15.6
 129 13.5 8.9 13.3#

