

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072019\
 Data File : VX011014.D
 Acq On : 19 Jul 2019 19:45
 Operator : JC/SP
 Sample : K3884-06DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0608DL

Quant Time: Jul 20 01:05:48 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	217025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	342264	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	323722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166587	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	118384	51.27	ug/l	0.00
Spiked Amount			Recovery	=	102.54%	
35) Dibromofluoromethane	5.50	113	102993	47.41	ug/l	0.00
Spiked Amount			Recovery	=	94.82%	
50) Toluene-d8	8.71	98	416624	51.13	ug/l	0.00
Spiked Amount			Recovery	=	102.26%	
62) 4-Bromofluorobenzene	11.13	95	158898	53.06	ug/l	0.00
Spiked Amount			Recovery	=	106.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.42	85	27	0.558	ug/l #	43
3) Chloromethane	1.33	50	505	0.253	ug/l #	87
5) Bromomethane	1.64	94	565	0.493	ug/l #	54
6) Chloroethane	1.74	64	347	0.268	ug/l #	57
11) Tert butyl alcohol	3.01	59	20866	38.806	ug/l #	73
13) Acrolein	2.28	56	131	0.422	ug/l #	83
14) Allyl chloride	2.83	41	23092	8.224	ug/l #	64
15) Acrylonitrile	3.17	53	1880	1.730	ug/l #	42
16) Acetone	2.46	43	1415	1.357	ug/l	97
18) Methyl Acetate	2.83	43	55731	23.471	ug/l #	48
19) Methyl tert-butyl Ether	3.01	73	1309	0.210	ug/l	97
20) Methylene Chloride	2.86	84	1065	0.482	ug/l #	75
25) 2-Butanone	4.70	43	443	0.296	ug/l	93
29) Tetrahydrofuran	5.12	42	374	0.394	ug/l #	29
31) Cyclohexane	5.57	56	153390	48.931	ug/l	99
36) 1,1-Dichloropropene	5.65	75	14498	5.157	ug/l #	48
38) Carbon Tetrachloride	5.66	117	19842	6.773	ug/l #	17
39) Methylcyclohexane	7.46	83	79285	21.747	ug/l	97
43) Isopropyl Acetate	6.45	43	1423	0.301	ug/l #	58
48) Methyl methacrylate	7.73	41	2194	0.951	ug/l #	51
51) 4-Methyl-2-Pentanone	8.66	43	1418	0.462	ug/l #	53
52) Toluene	8.79	92	1495	0.264	ug/l	89
55) 1,1,2-Trichloroethane	9.16	97	3907	1.677	ug/l #	21
56) Ethyl methacrylate	9.16	69	978	0.287	ug/l #	19
67) Ethyl Benzene	10.25	91	697288	61.612	ug/l	99
68) m/p-Xylenes	10.36	106	608005	140.053	ug/l	100
69) o-Xylene	10.69	106	191385	45.172	ug/l	100
70) Styrene	10.69	104	9685	1.371	ug/l #	1
73) Isopropylbenzene	11.02	105	49353	4.384	ug/l	99
76) 1,2,3-Trichloropropane	11.43	75	2680	0.892	ug/l #	1
78) n-propylbenzene	11.36	91	69918	5.622	ug/l	100
79) 2-Chlorotoluene	11.43	91	33754	4.518	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	124273	13.212	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	78450	64.834	ug/l #	11

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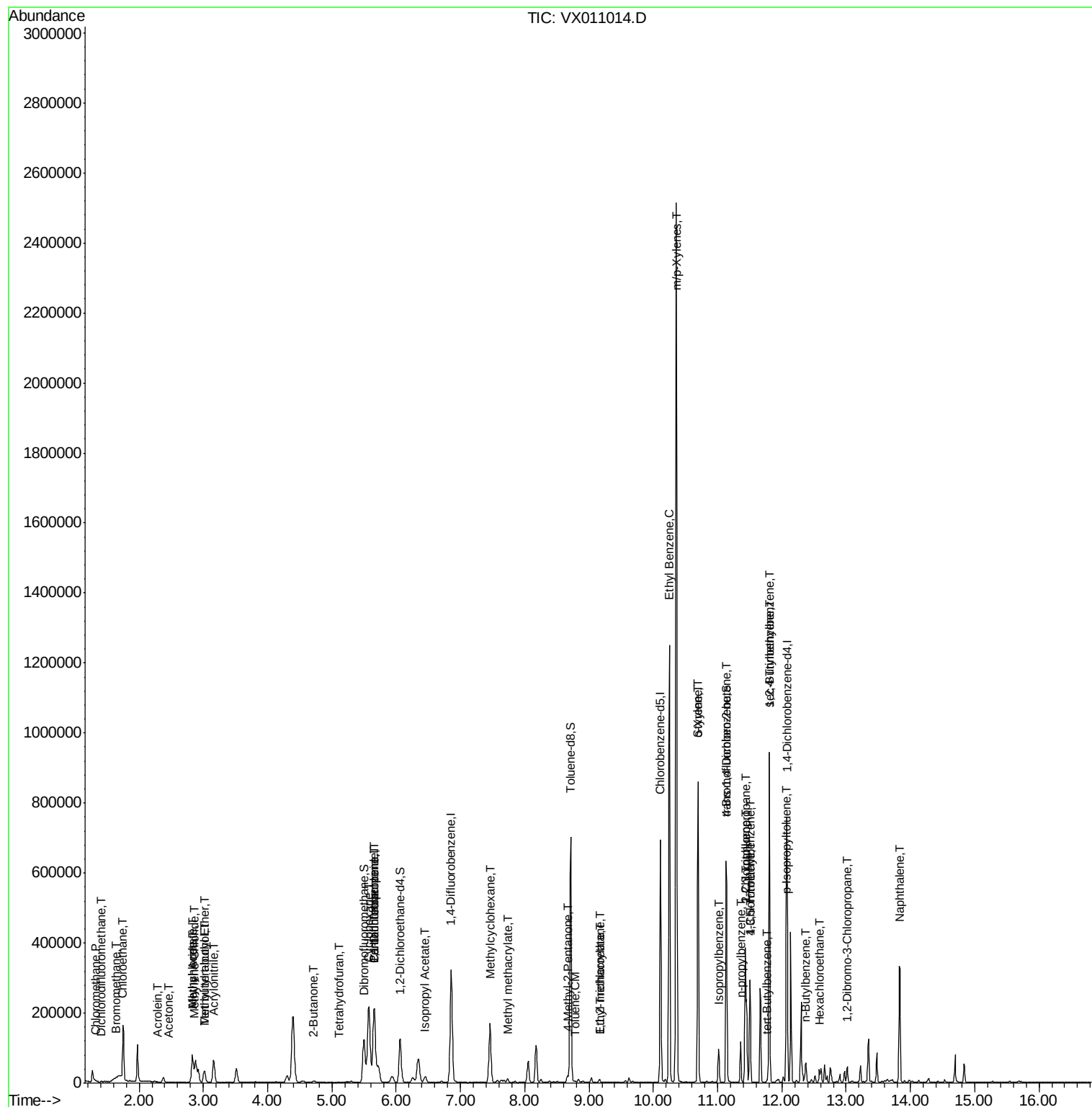
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	11.51	91	12923	1.486	ug/l #	43
83) tert-Butylbenzene	11.77	119	3389	0.367	ug/l	83
84) 1,2,4-Trimethylbenzene	11.80	105	398763	42.063	ug/l	99
85) sec-Butylbenzene	11.80	105	398763	36.836	ug/l #	55
86) p-Isopropyltoluene	12.06	119	5606	0.560	ug/l	84
89) n-Butylbenzene	12.38	91	8785	1.026	ug/l #	28
90) Hexachloroethane	12.58	117	2082	1.319	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	13.02	75	256	0.332	ug/l #	1
95) Naphthalene	13.83	128	219148	20.506	ug/l	100

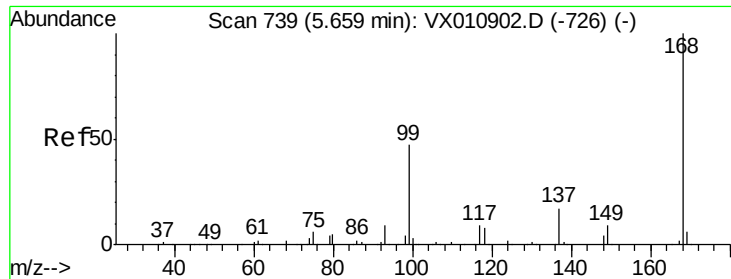
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011014.D

Acq: 19 Jul 2019 19:45

Instrument :

MSVOA_X

ClientSampled :

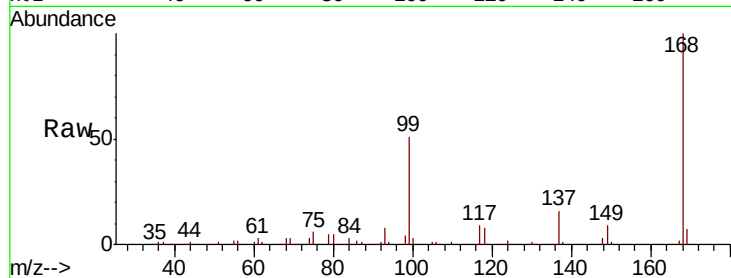
FL-0608DL

Tot Ion:168 Resp: 217025

Ion Ratio Lower Upper

168 100

99 50.4 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

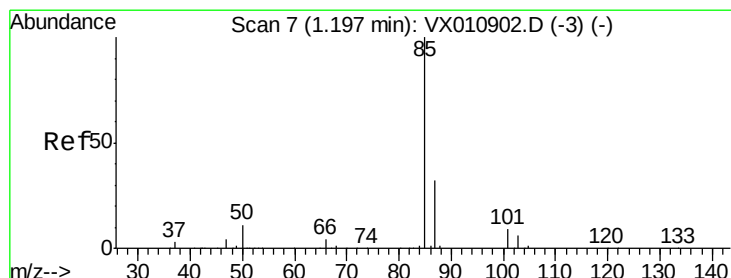
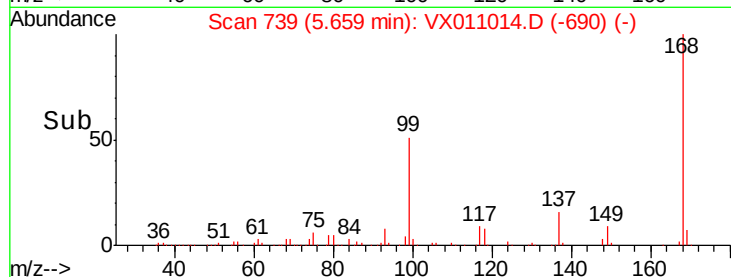
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.558 ug/l

RT: 1.42 min Scan# 43

Delta R.T. 0.22 min

Lab File: VX011014.D

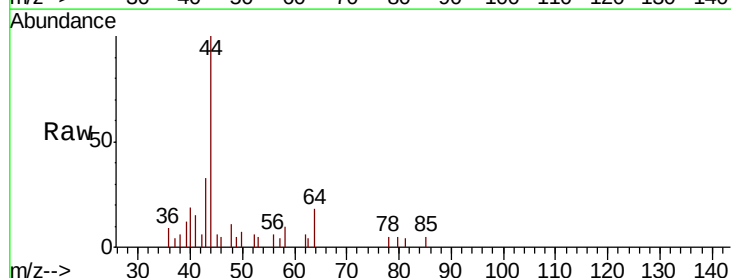
Acq: 19 Jul 2019 19:45

Tgt Ion: 85 Resp: 27

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

1.42

80

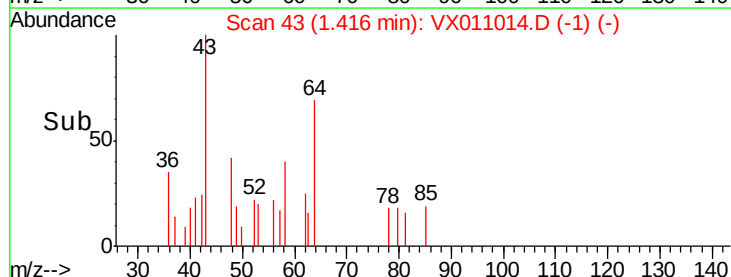
60

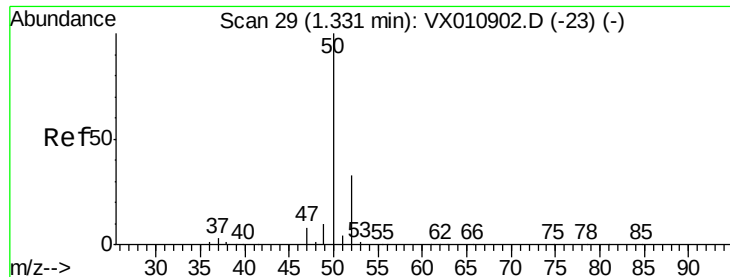
40

20

0

Time--> 1.40 1.41 1.42 1.43





#3

Chloromethane

Concen: 0.253 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX011014.D

Acq: 19 Jul 2019 19:45

Instrument :

MSVOA_X

ClientSampled :

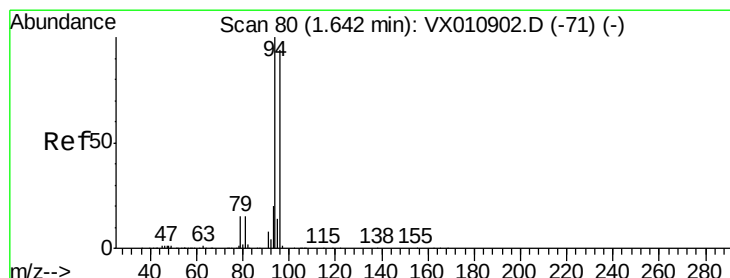
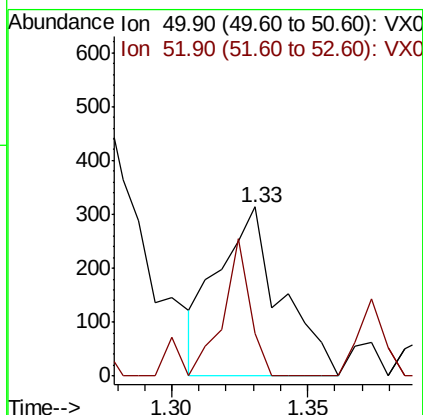
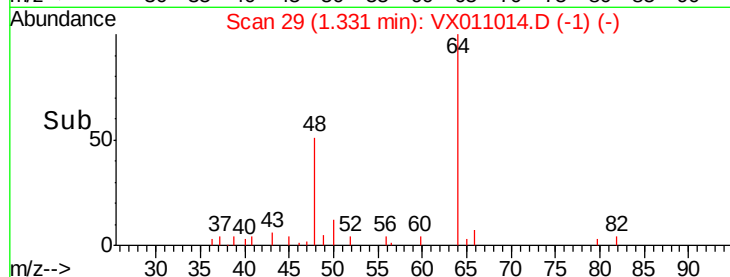
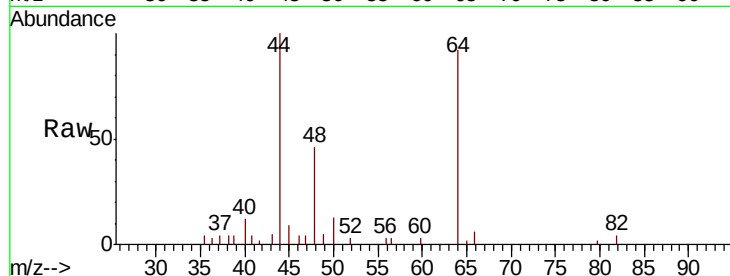
FL-0608DL

Tot Ion: 50 Resp: 505

Ion Ratio Lower Upper

50 100

52 25.5 26.4 39.6#



#5

Bromomethane

Concen: 0.493 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX011014.D

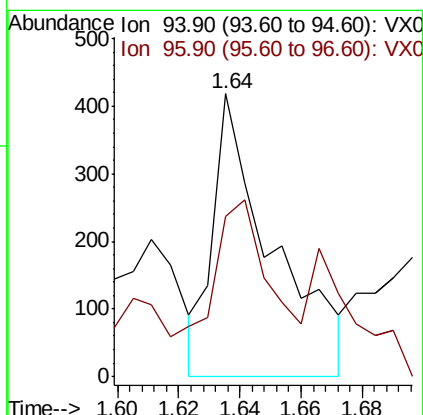
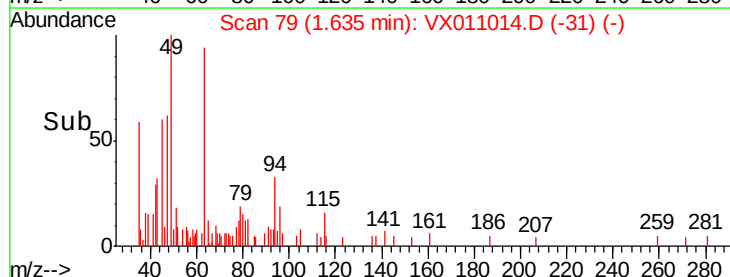
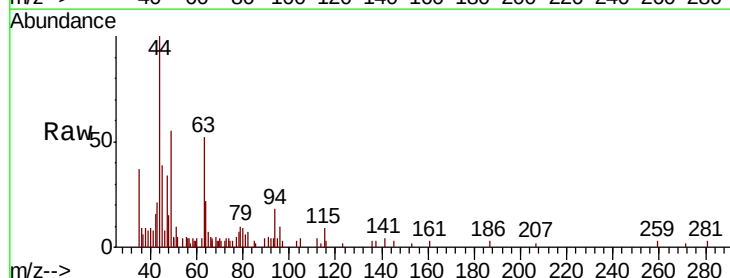
Acq: 19 Jul 2019 19:45

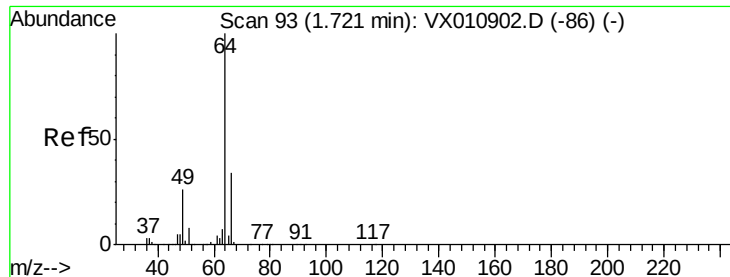
Tgt Ion: 94 Resp: 565

Ion Ratio Lower Upper

94 100

96 49.8 75.6 113.4#





#6

Chloroethane

Concen: 0.268 ug/l

RT: 1.74 min Scan# 96

Delta R.T. 0.02 min

Lab File: VX011014.D

Acq: 19 Jul 2019 19:45

Instrument :

MSVOA_X

ClientSampleId :

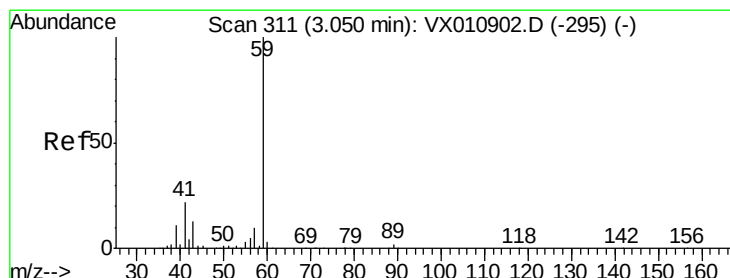
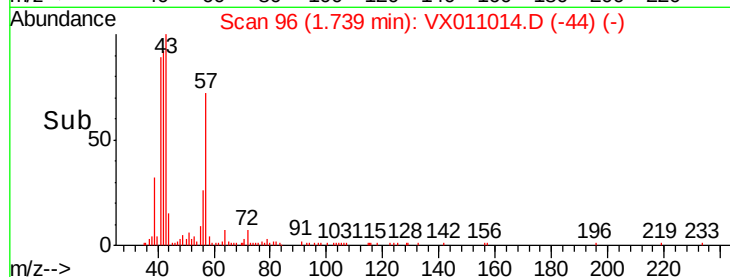
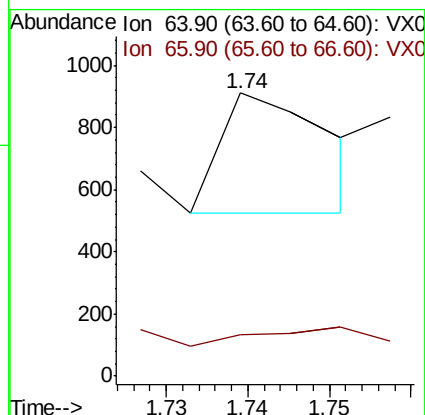
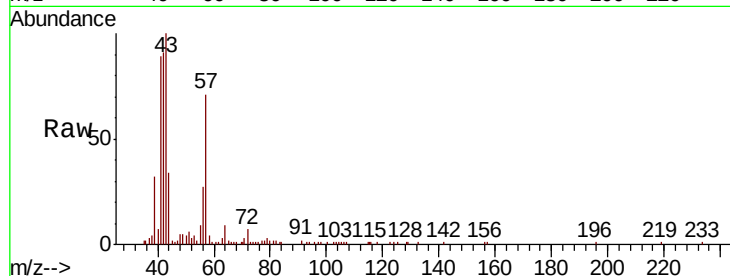
FL-0608DL

Tot Ion: 64 Resp: 347

Ion Ratio Lower Upper

64 100

66 9.4 27.0 40.6#



#11

Tert butyl alcohol

Concen: 38.806 ug/l

RT: 3.01 min Scan# 305

Delta R.T. -0.04 min

Lab File: VX011014.D

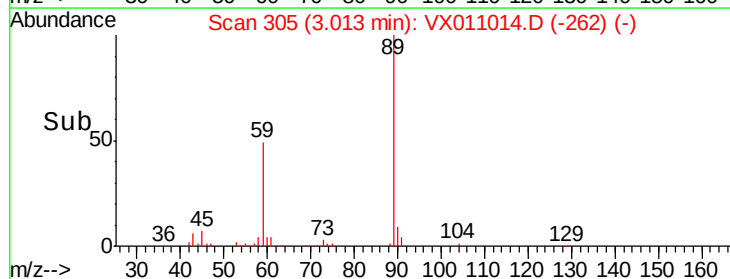
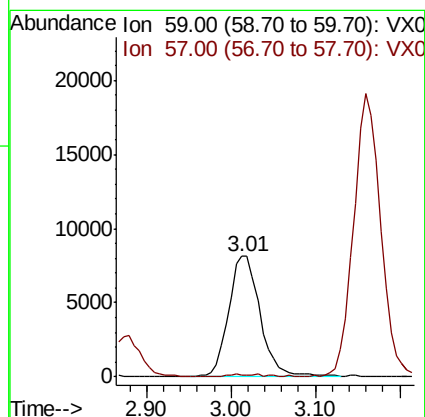
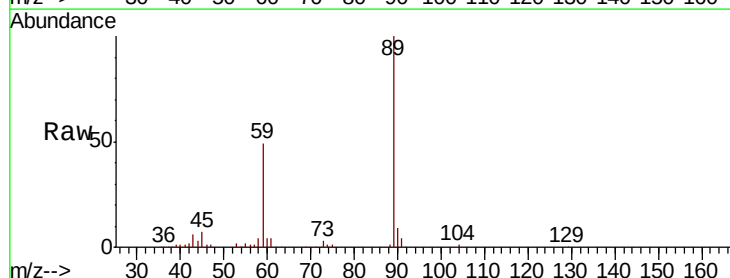
Acq: 19 Jul 2019 19:45

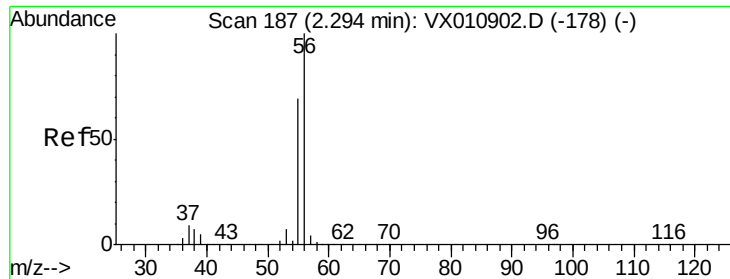
Tgt Ion: 59 Resp: 20866

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#





#13

Acrolein

Concen: 0.422 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX011014.D

Acq: 19 Jul 2019 19:45

Instrument :

MSVOA_X

ClientSampled :

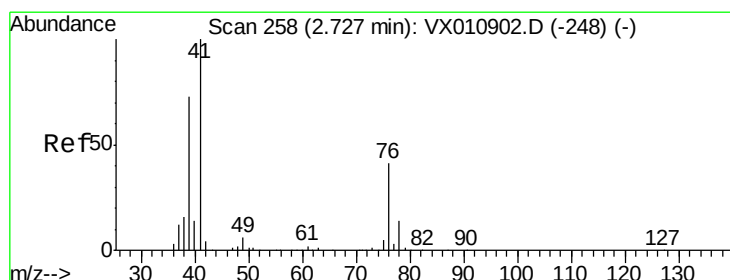
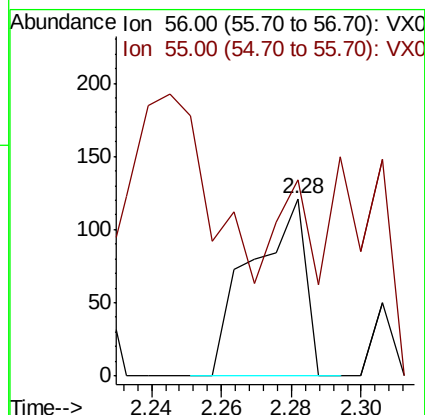
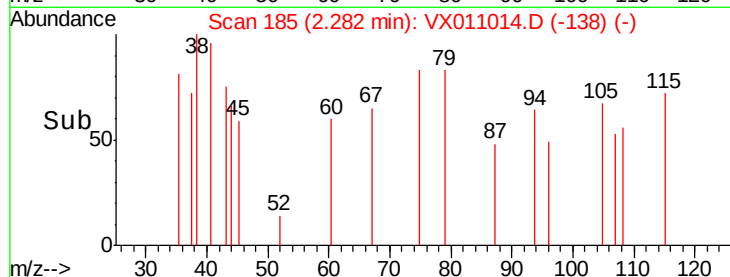
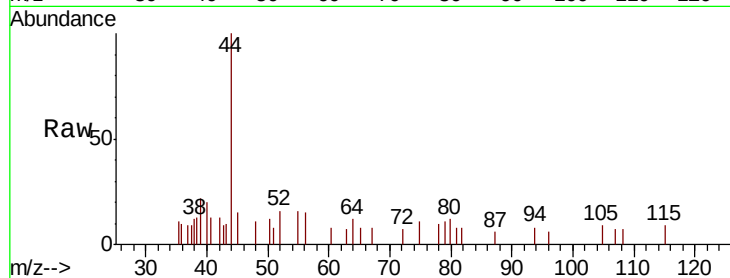
FL-0608DL

Tot Ion: 56 Resp: 131

Ion Ratio Lower Upper

56 100

55 84.0 55.9 83.9#



#14

Allyl chloride

Concen: 8.224 ug/l

RT: 2.83 min Scan# 275

Delta R.T. 0.10 min

Lab File: VX011014.D

Acq: 19 Jul 2019 19:45

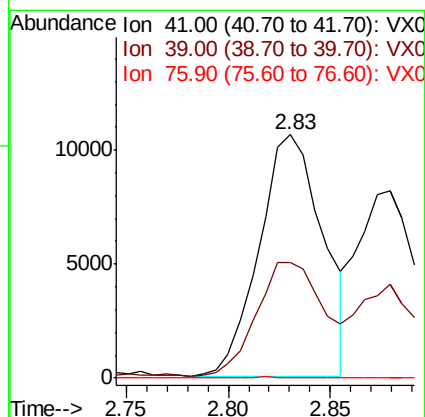
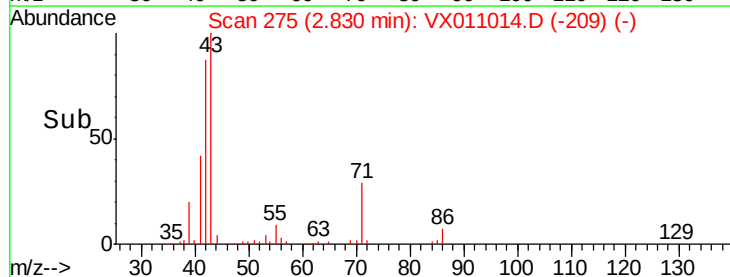
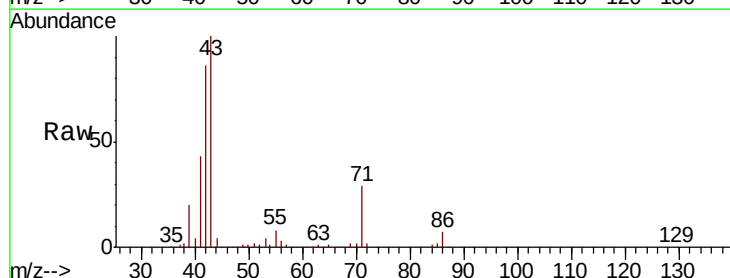
Tgt Ion: 41 Resp: 23092

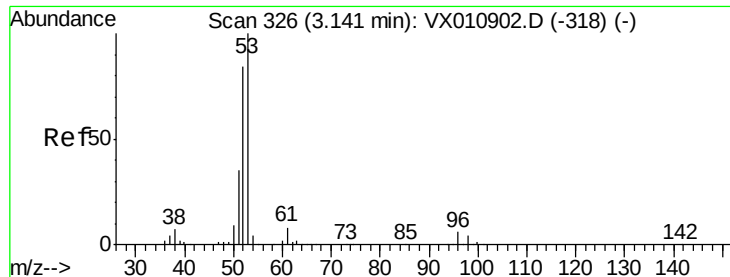
Ion Ratio Lower Upper

41 100

39 49.6 53.6 80.4#

76 0.1 29.7 44.5#





#15

Acrylonitrile

Concen: 1.730 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.02 min

Lab File: VX011014.D

Acq: 19 Jul 2019 19:45

Instrument :

MSVOA_X

ClientSampled :

FL-0608DL

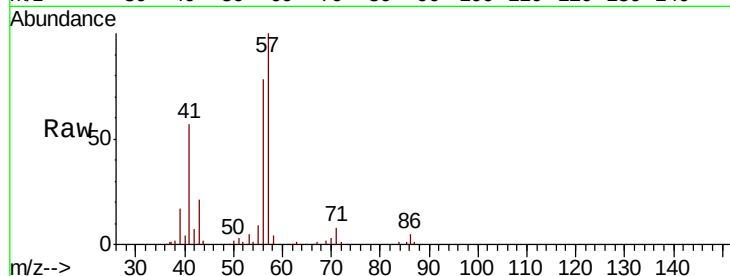
Tot Ion: 53 Resp: 1880

Ion Ratio Lower Upper

53 100

52 29.3 66.5 99.7#

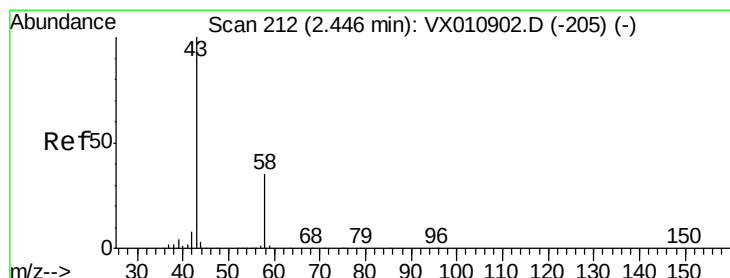
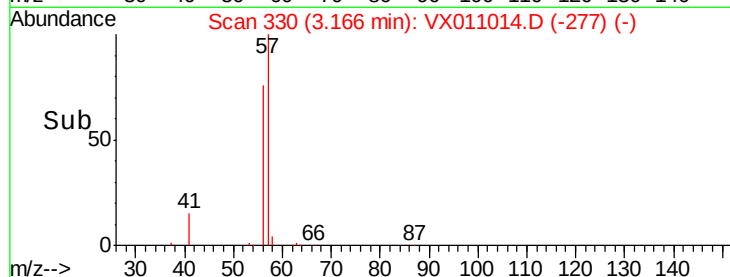
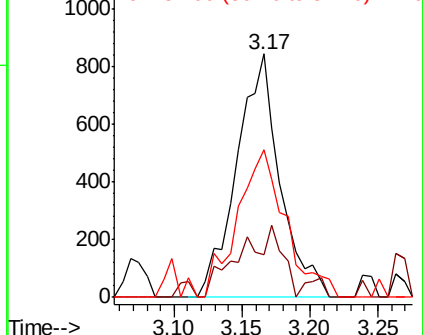
51 67.6 28.2 42.4#



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: 1.357 ug/l

RT: 2.46 min Scan# 214

Delta R.T. 0.01 min

Lab File: VX011014.D

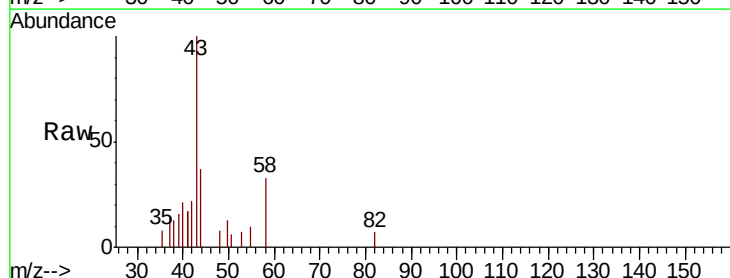
Acq: 19 Jul 2019 19:45

Tgt Ion: 43 Resp: 1415

Ion Ratio Lower Upper

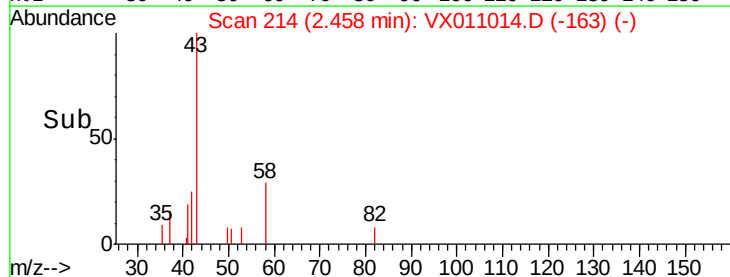
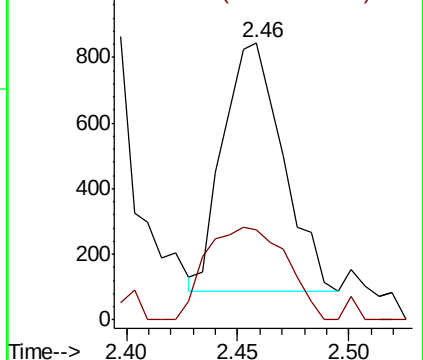
43 100

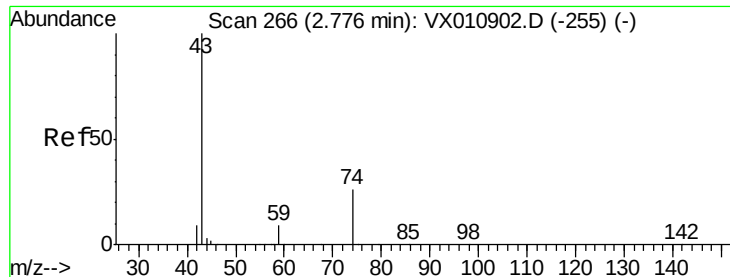
58 36.5 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

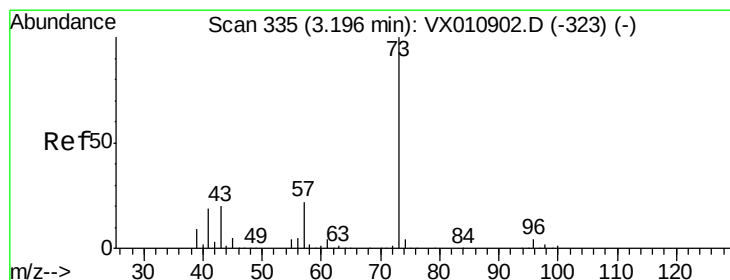
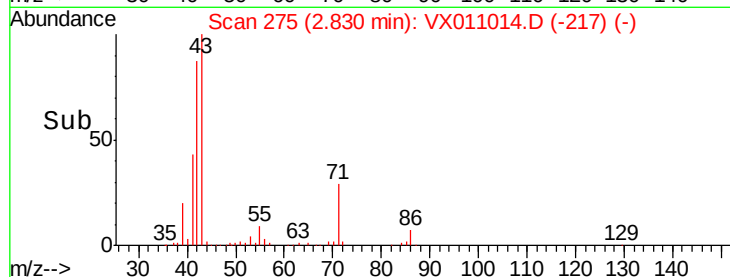
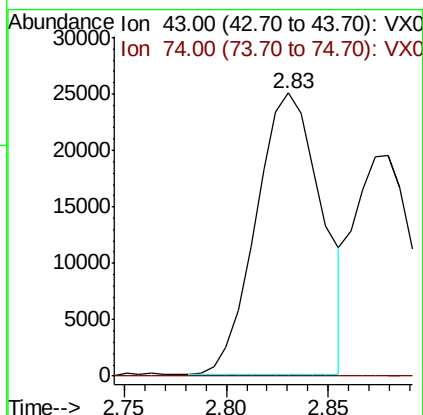
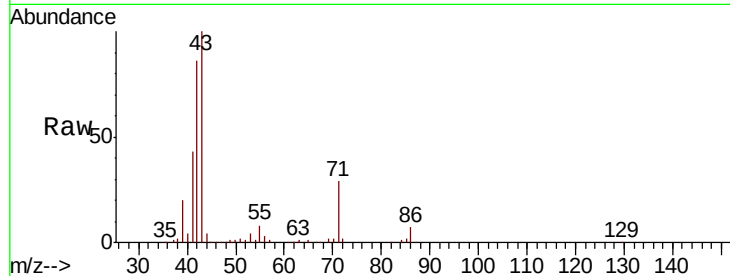




#18
Methyl Acetate
Concen: 23.471 ug/l
RT: 2.83 min Scan# 275
Delta R.T. 0.05 min
Lab File: VX011014.D
Acq: 19 Jul 2019 19:45

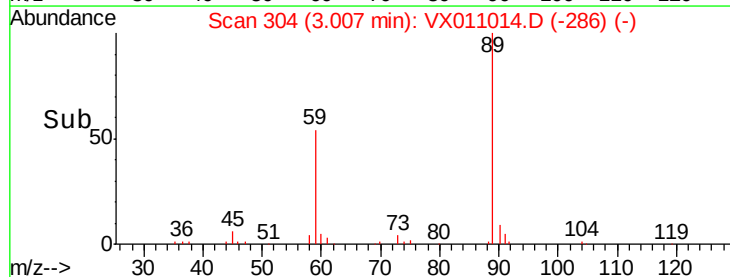
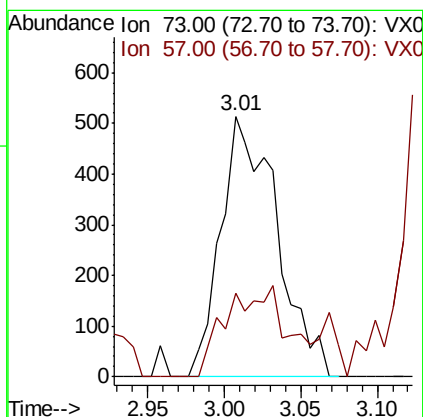
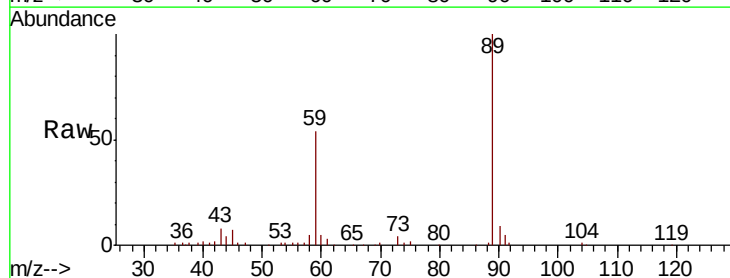
Instrument :
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FL-0608DL

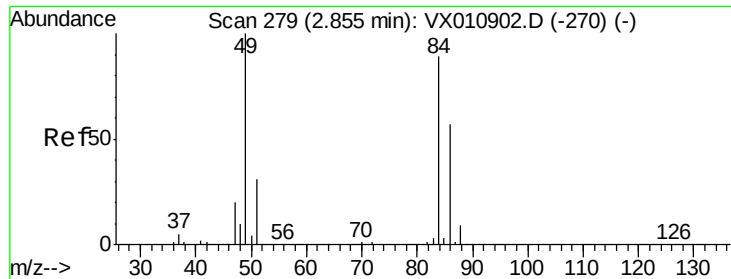
Tot Ion: 43 Resp: 55731
Ion Ratio Lower Upper
43 100
74 0.0 21.5 32.3#



#19
Methyl tert-butyl Ether
Concen: 0.210 ug/l
RT: 3.01 min Scan# 304
Delta R.T. -0.19 min
Lab File: VX011014.D
Acq: 19 Jul 2019 19:45

Tgt Ion: 73 Resp: 1309
Ion Ratio Lower Upper
73 100
57 20.0 17.3 25.9

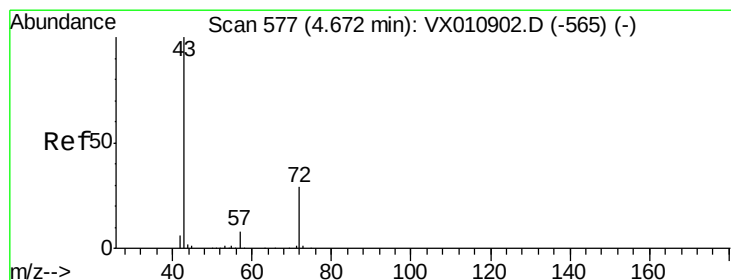
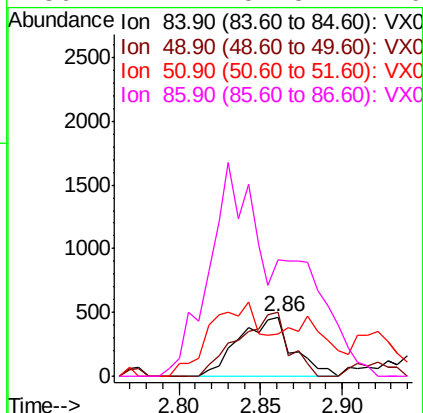
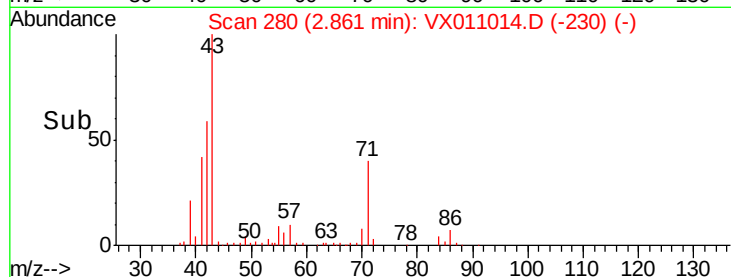
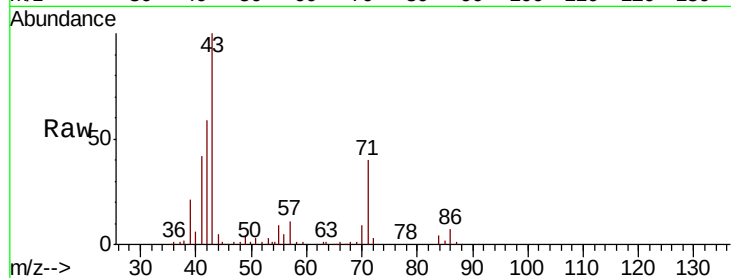




#20
Methvlene Chloride
Concen: 0.482 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX011014.D
Acq: 19 Jul 2019 19:45

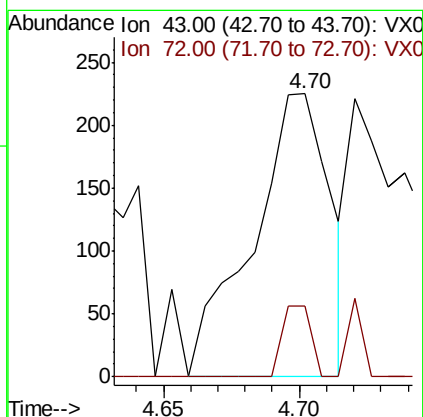
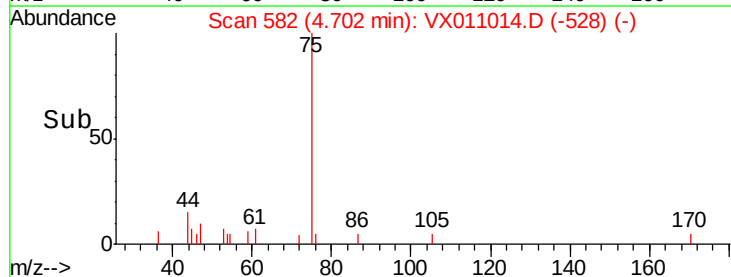
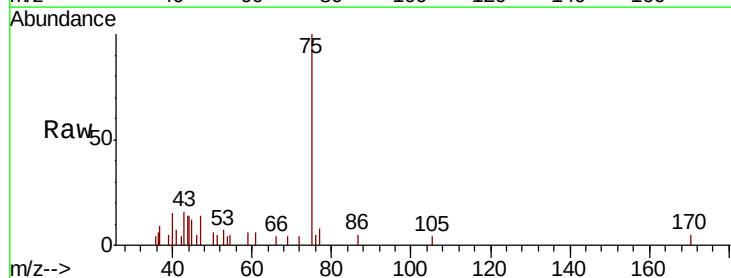
Instrument :
MSVOA_X
ClientSampleId :
FL-0608DL

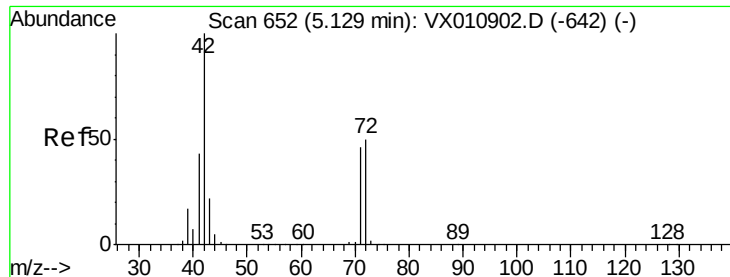
Tot Ion: 84 Resp: 1065
Ion Ratio Lower Upper
84 100
49 108.0 89.9 134.9
51 50.6 27.8 41.6#
86 111.2 51.8 77.6#



#25
2-Butanone
Concen: 0.296 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.03 min
Lab File: VX011014.D
Acq: 19 Jul 2019 19:45

Tgt Ion: 43 Resp: 443
Ion Ratio Lower Upper
43 100
72 24.9 23.0 34.6





#29

Tetrahydrofuran

Concen: 0.394 ug/l

RT: 5.12 min Scan# 650

Delta R.T. -0.01 min

Lab File: VX011014.D

Acq: 19 Jul 2019 19:45

Instrument :

MSVOA_X

ClientSampled :

FL-0608DL

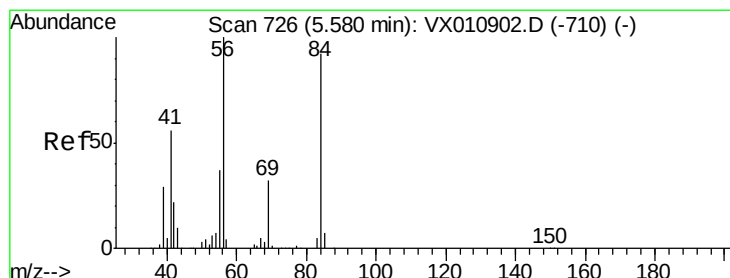
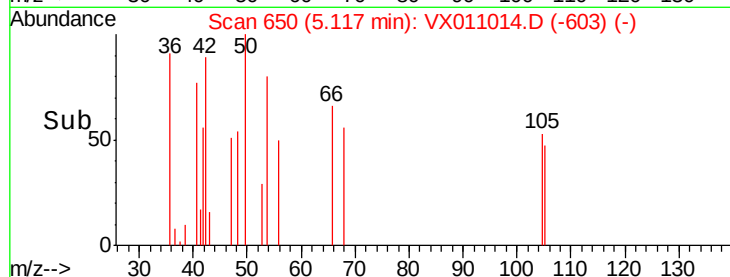
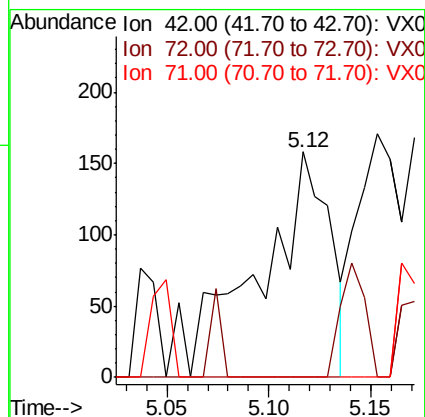
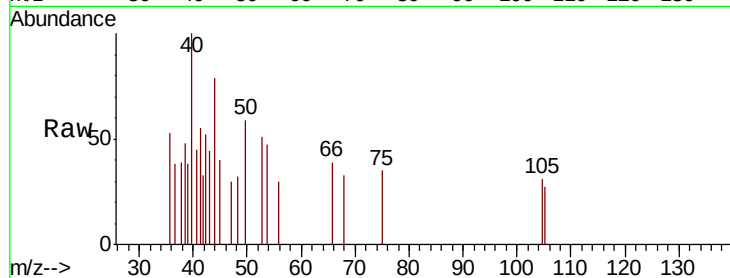
Tot Ion: 42 Resp: 374

Ion Ratio Lower Upper

42 100

72 0.0 39.8 59.8#

71 0.0 37.0 55.4#



#31

Cyclohexane

Concen: 48.931 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX011014.D

Acq: 19 Jul 2019 19:45

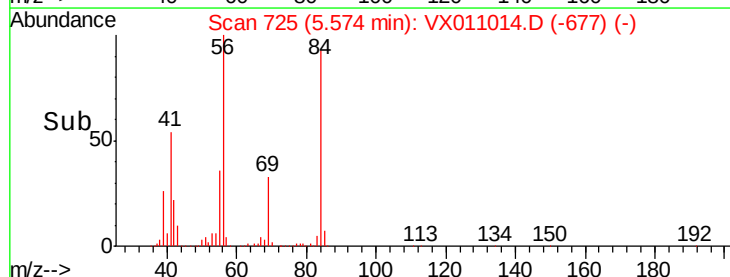
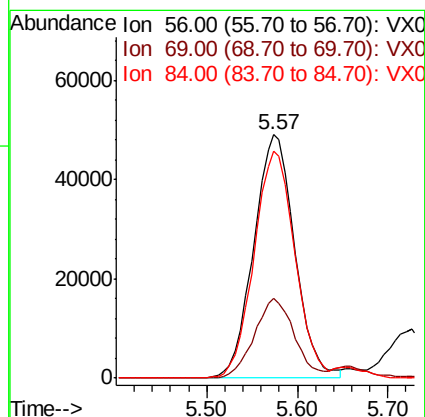
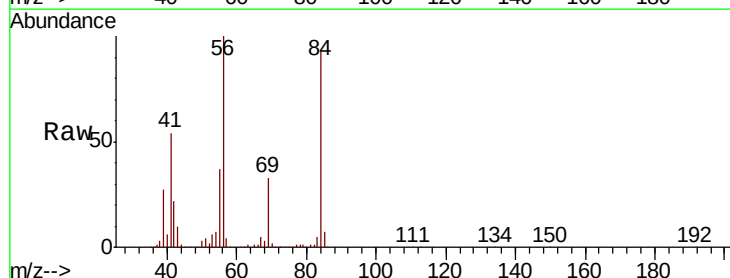
Tgt Ion: 56 Resp: 153390

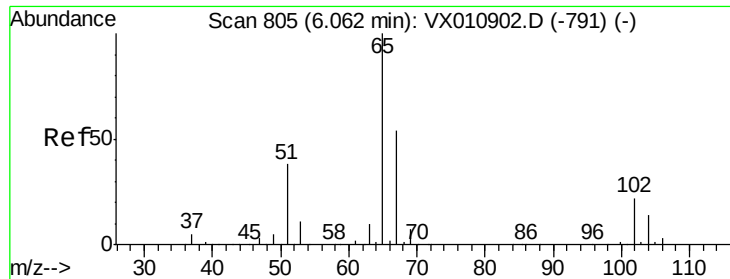
Ion Ratio Lower Upper

56 100

69 32.6 25.8 38.8

84 93.1 73.8 110.6

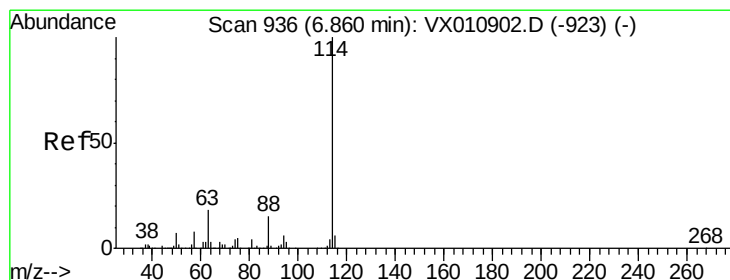
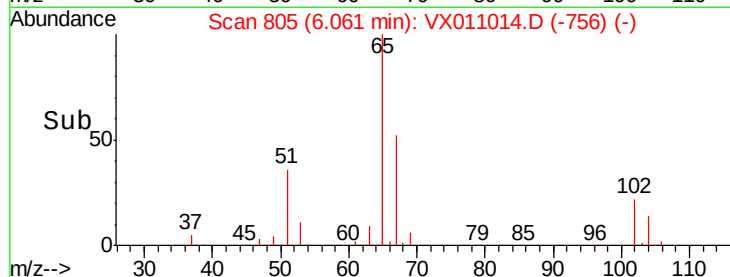
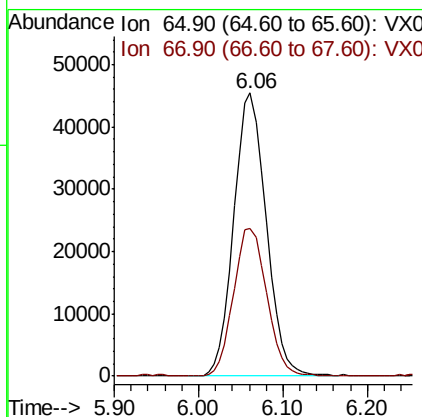
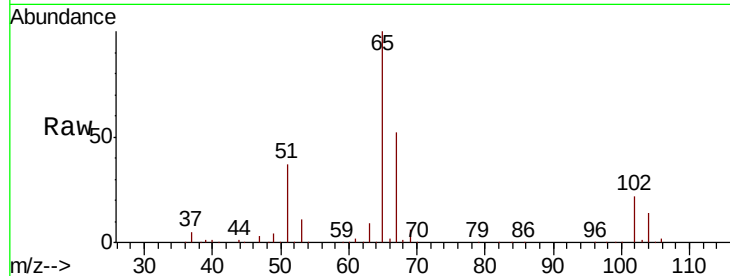




#33
 1,2-Dichloroethane-d4
 Concen: 51.275 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX011014.D
 Acq: 19 Jul 2019 19:45

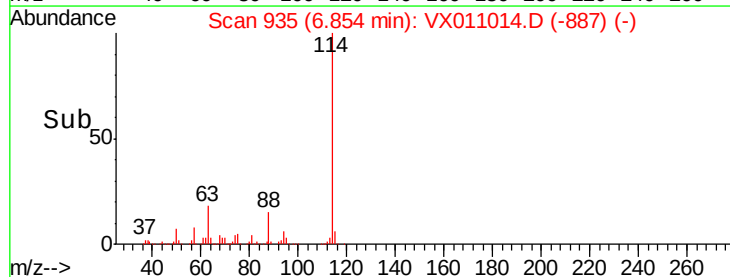
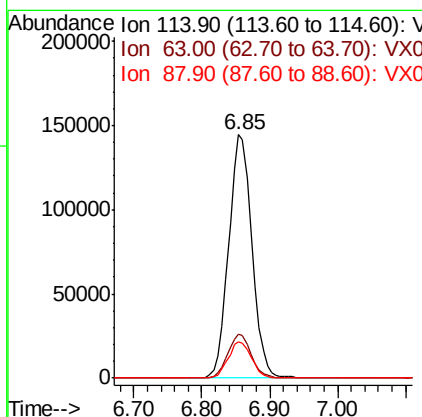
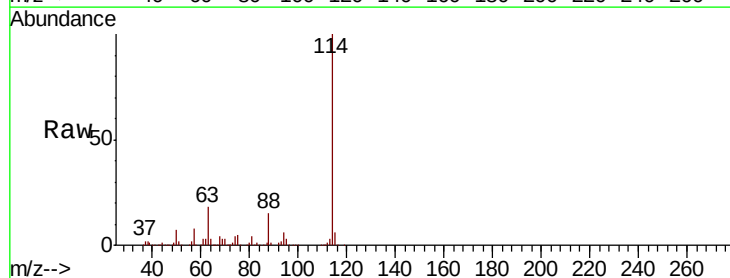
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0608DL

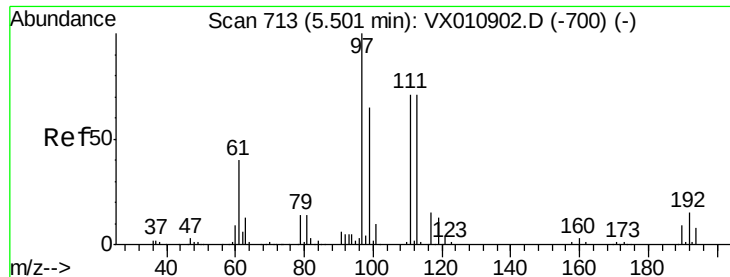
Tot Ion: 65 Resp: 118384
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX011014.D
 Acq: 19 Jul 2019 19:45

Tgt Ion: 114 Resp: 342264
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 35.6
 88 14.9 0.0 29.8





#35

Dibromofluoromethane

Concen: 47.409 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011014.D

Acq: 19 Jul 2019 19:45

Instrument :

MSVOA_X

ClientSampleId :

FL-0608DL

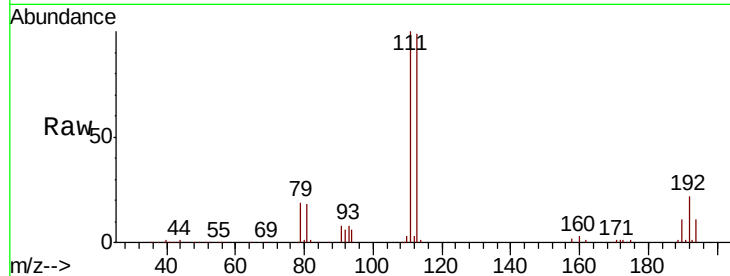
Tot Ion:113 Resp: 102993

Ion Ratio Lower Upper

113 100

111 102.5 82.3 123.5

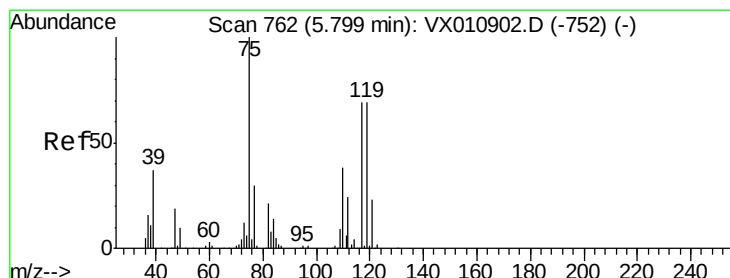
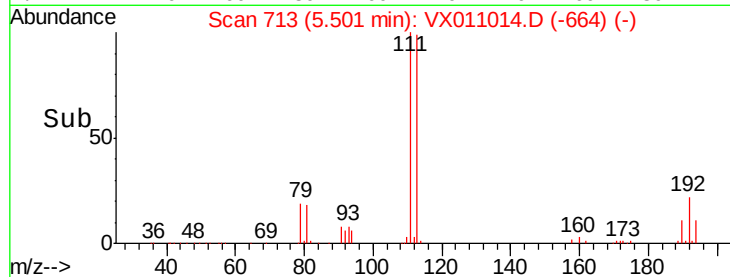
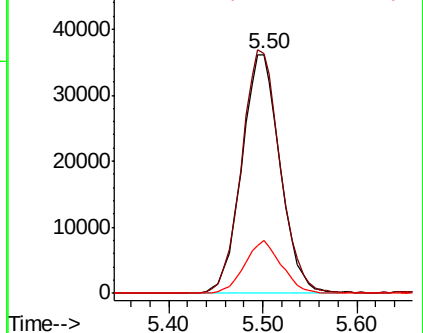
192 21.1 17.4 26.2



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: 5.157 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.15 min

Lab File: VX011014.D

Acq: 19 Jul 2019 19:45

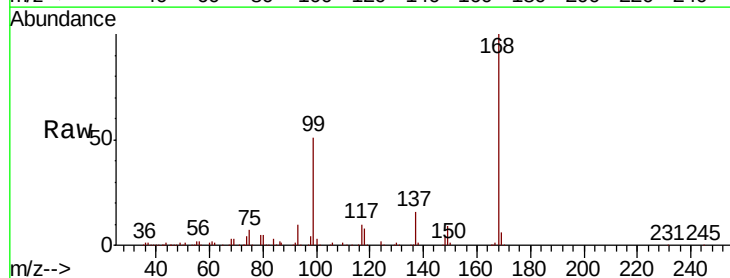
Tgt Ion: 75 Resp: 14498

Ion Ratio Lower Upper

75 100

110 9.5 19.9 59.7#

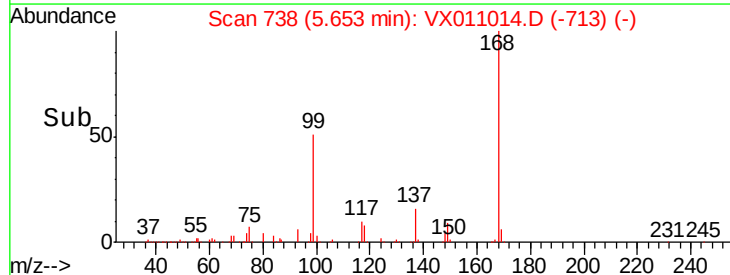
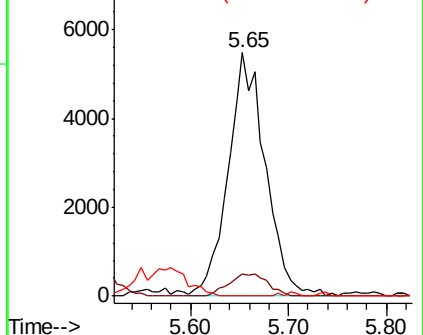
77 0.0 25.0 37.4#

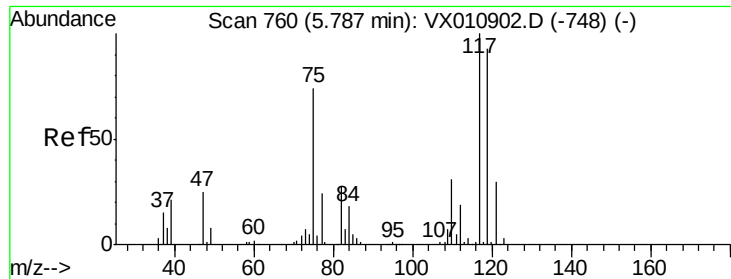


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

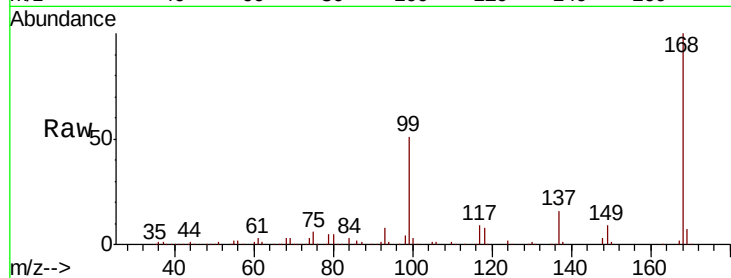




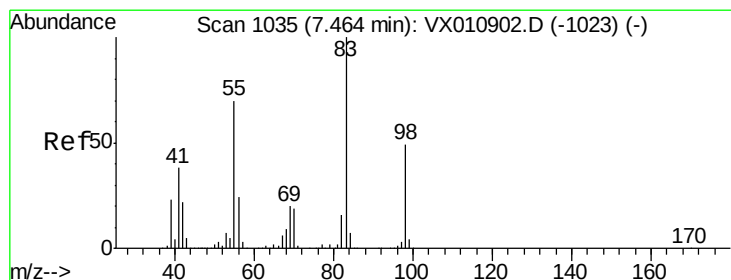
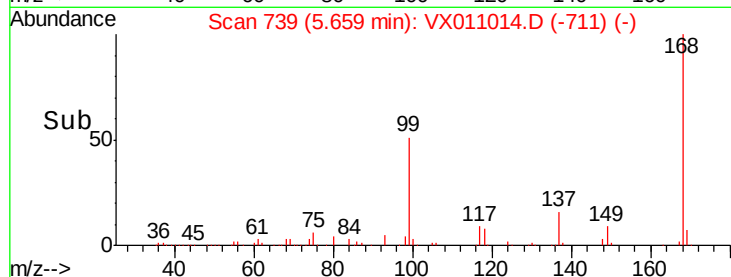
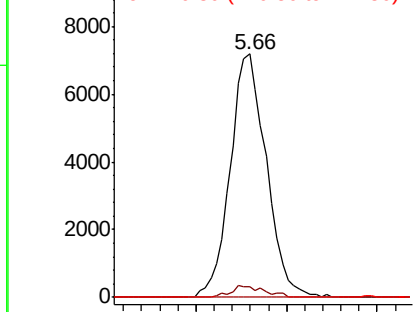
#38
Carbon Tetrachloride
Concen: 6.773 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX011014.D
Acq: 19 Jul 2019 19:45

Instrument :
MSVOA_X
ClientSampleId :
FL-0608DL

Tot Ion:117 Resp: 19842
Ion Ratio Lower Upper
117 100
119 4.1 74.2 111.2#
121 0.0 24.2 36.2#

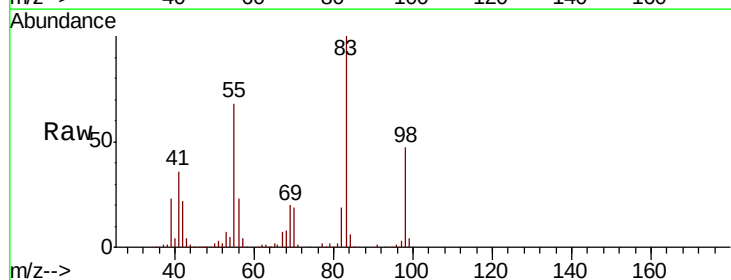


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

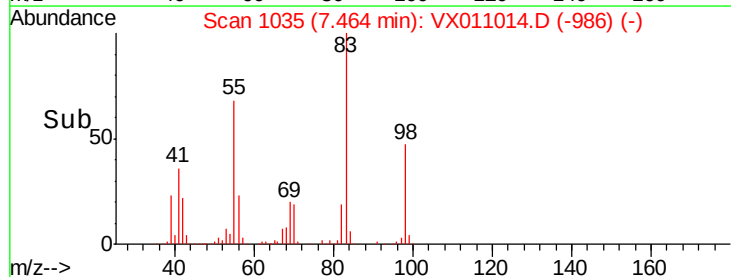
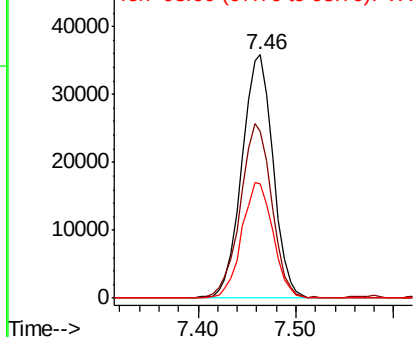


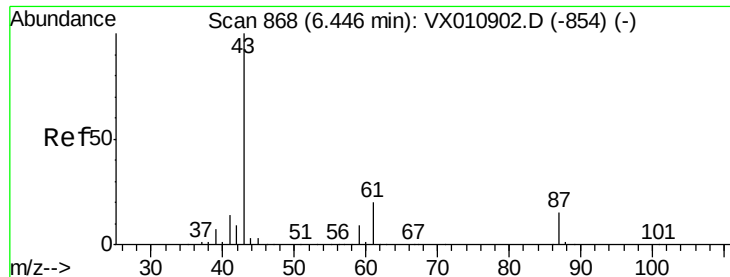
#39
Methylcyclohexane
Concen: 21.747 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX011014.D
Acq: 19 Jul 2019 19:45

Tgt Ion: 83 Resp: 79285
Ion Ratio Lower Upper
83 100
55 68.3 56.2 84.4
98 46.8 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: 0.301 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX011014.D

Acq: 19 Jul 2019 19:45

Instrument :

MSVOA_X

ClientSampleId :

FL-0608DL

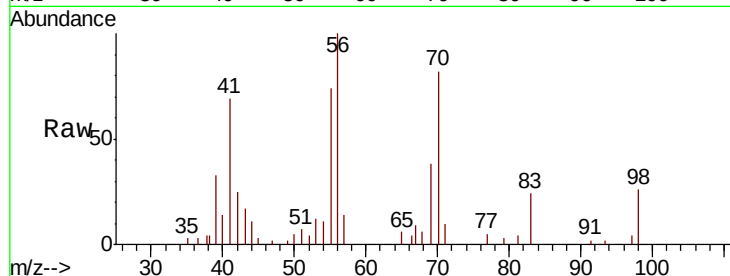
Tot Ion: 43 Resp: 1423

Ion Ratio Lower Upper

43 100

61 0.0 17.1 25.7#

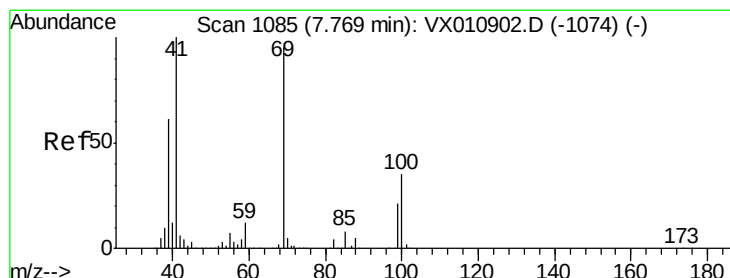
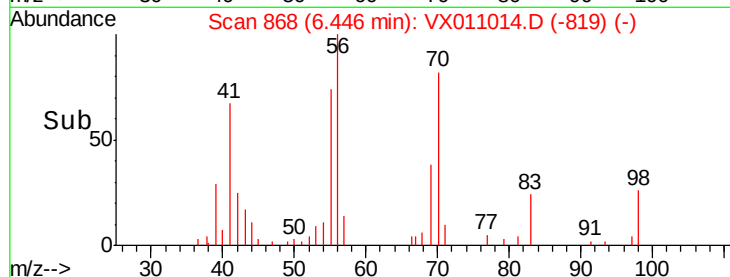
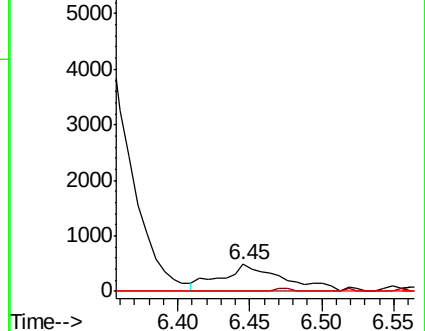
87 0.0 12.0 18.0#



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



#48

Methyl methacrylate

Concen: 0.951 ug/l

RT: 7.73 min Scan# 1078

Delta R.T. -0.04 min

Lab File: VX011014.D

Acq: 19 Jul 2019 19:45

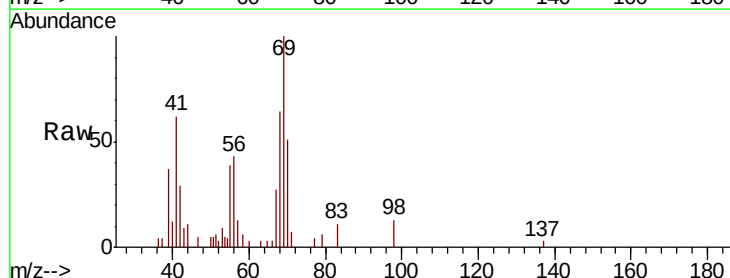
Tgt Ion: 41 Resp: 2194

Ion Ratio Lower Upper

41 100

69 169.6 74.4 111.6#

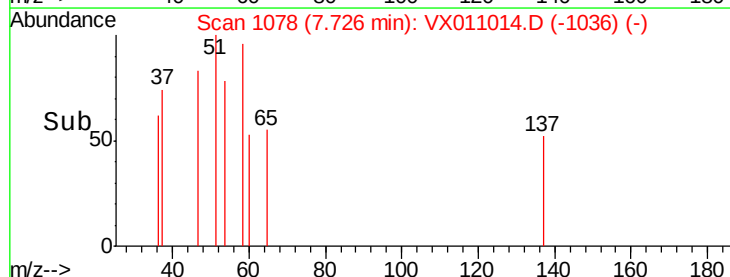
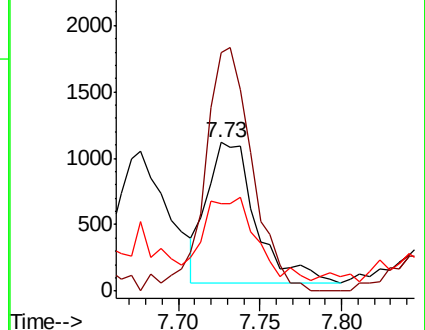
39 62.9 48.9 73.3

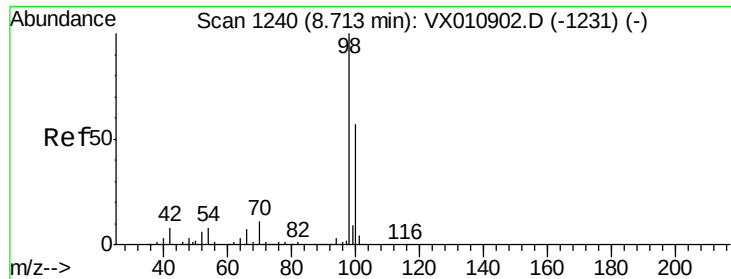


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

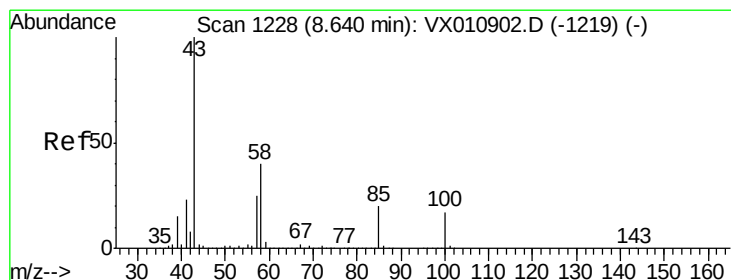
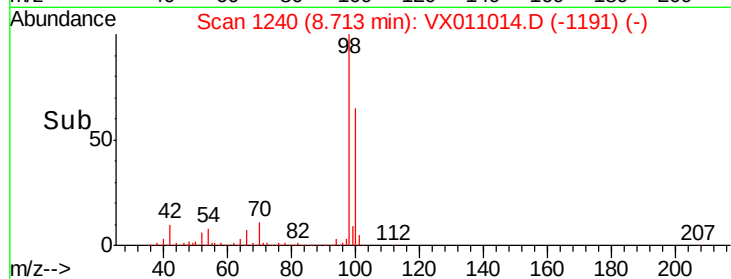
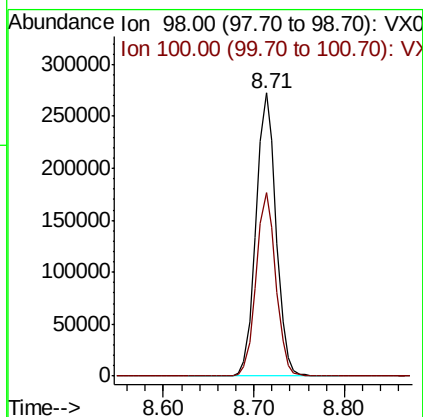
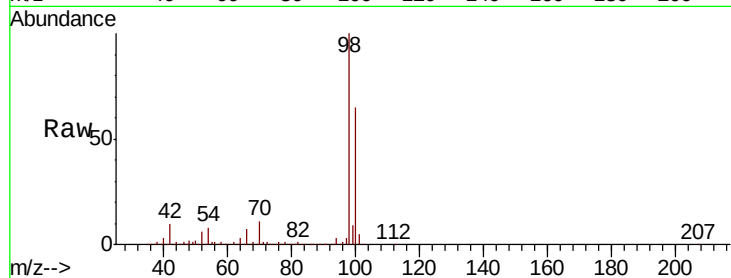




#50
Toluene-d8
Concen: 51.132 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011014.D
Acq: 19 Jul 2019 19:45

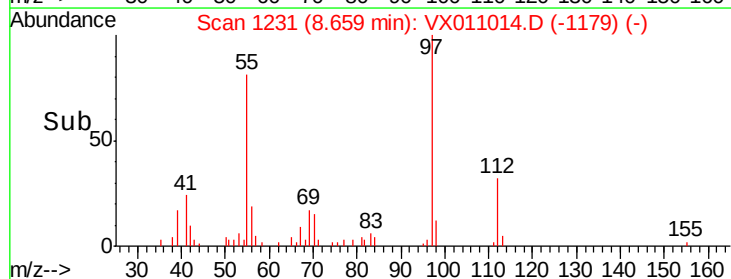
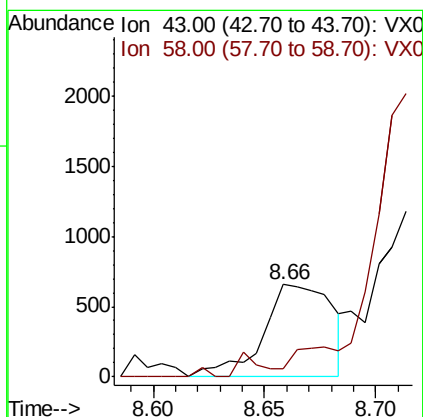
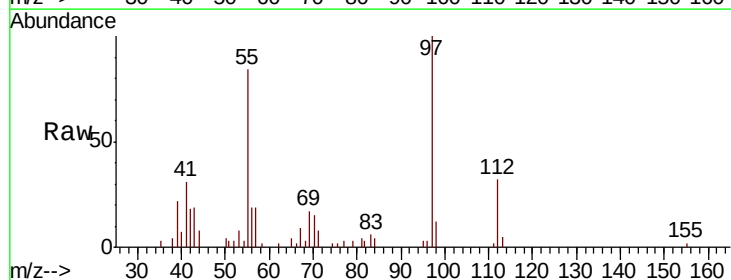
Instrument :
MSVOA_X
ClientSampleID :
FL-0608DL

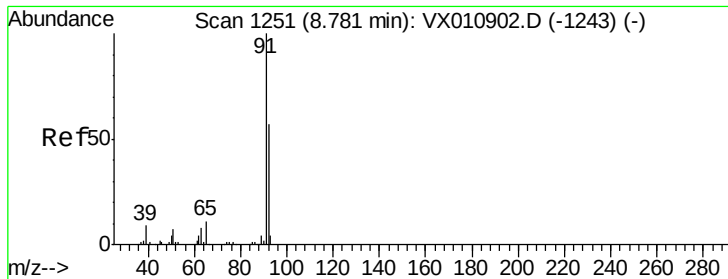
Tot Ion: 98 Resp: 416624
Ion Ratio Lower Upper
98 100
100 63.8 50.6 75.8



#51
4-Methyl-2-Pentanone
Concen: 0.462 ug/l
RT: 8.66 min Scan# 1231
Delta R.T. 0.02 min
Lab File: VX011014.D
Acq: 19 Jul 2019 19:45

Tgt Ion: 43 Resp: 1418
Ion Ratio Lower Upper
43 100
58 11.1 32.2 48.4#





#52

Toluene

Concen: 0.264 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX011014.D

Acq: 19 Jul 2019 19:45

Instrument :

MSVOA_X

ClientSampled :

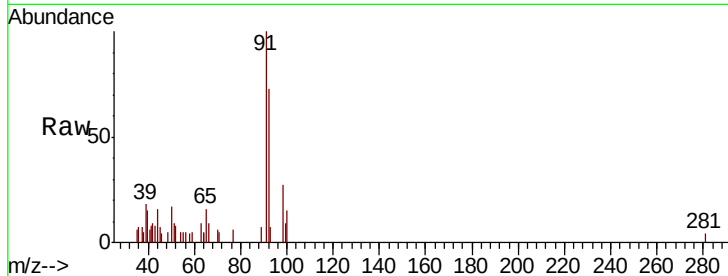
FL-0608DL

Tot Ion: 92 Resp: 1495

Ion Ratio Lower Upper

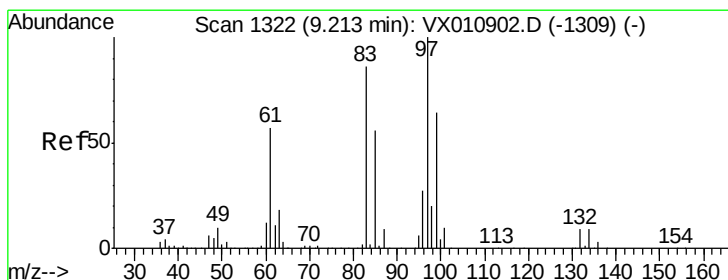
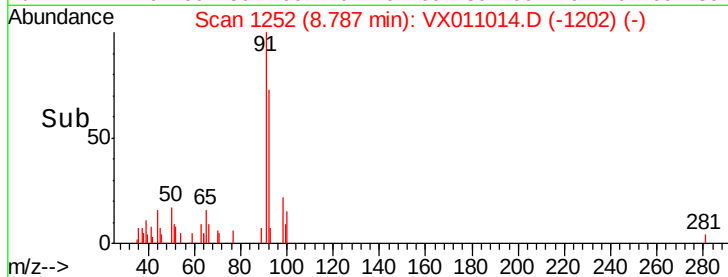
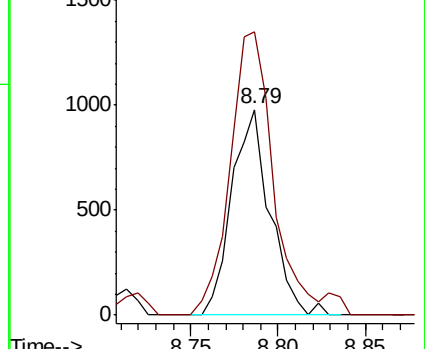
92 100

91 158.5 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#55

1,1,2-Trichloroethane

Concen: 1.677 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.05 min

Lab File: VX011014.D

Acq: 19 Jul 2019 19:45

Tgt Ion: 97 Resp: 3907

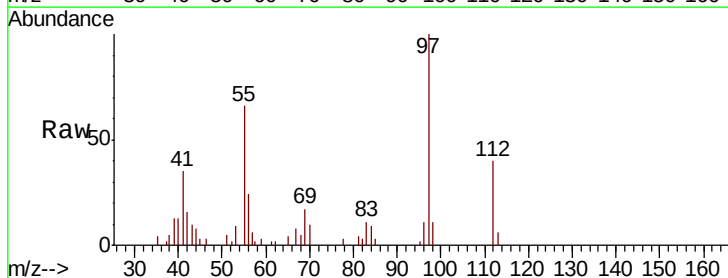
Ion Ratio Lower Upper

97 100

83 10.7 69.2 103.8#

85 3.1 44.6 66.8#

99 0.0 51.2 76.8#

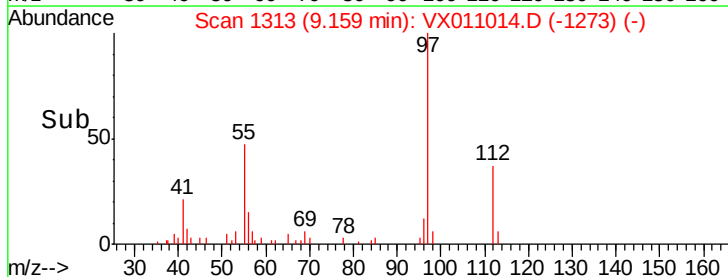
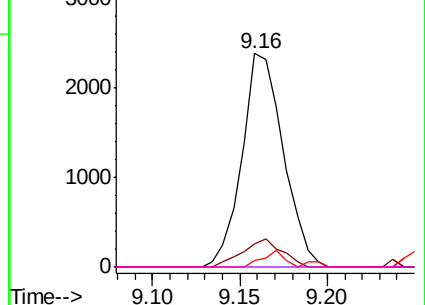


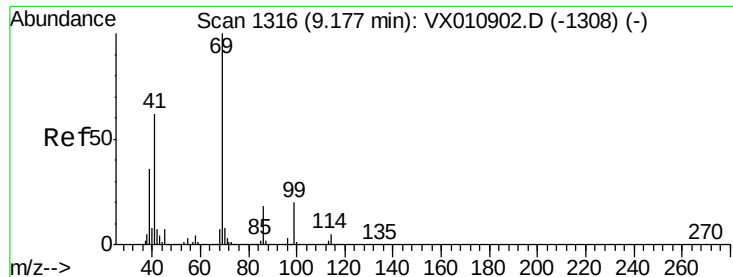
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0





#56

Ethyl methacrylate

Concen: 0.287 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX011014.D

Acq: 19 Jul 2019 19:45

Instrument :

MSVOA_X

ClientSampled :

FL-0608DL

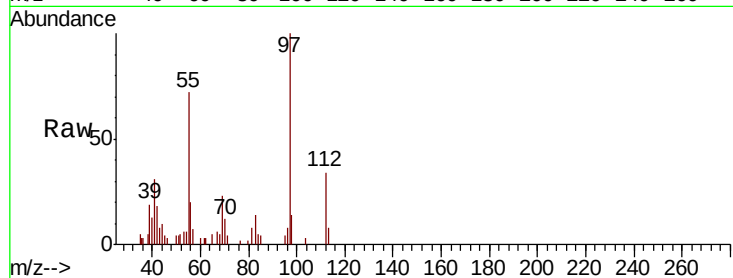
Tot Ion: 69 Resp: 978

Ion Ratio Lower Upper

69 100

41 133.2 49.7 74.5#

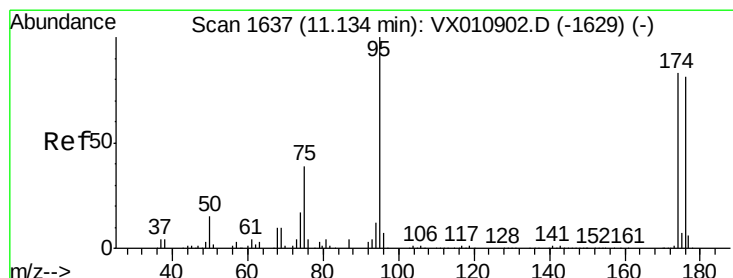
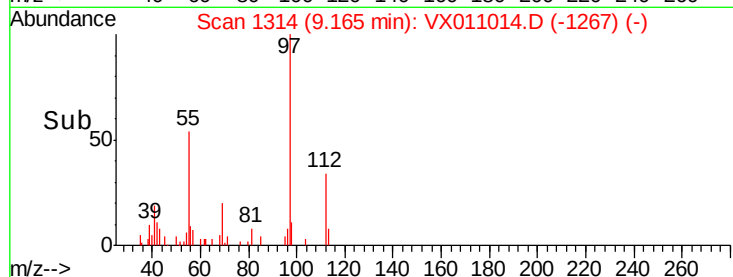
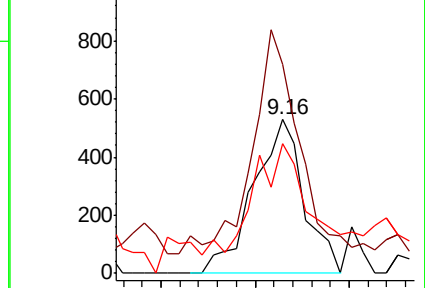
39 74.1 29.6 44.4#



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



#62

4-Bromofluorobenzene

Concen: 53.055 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011014.D

Acq: 19 Jul 2019 19:45

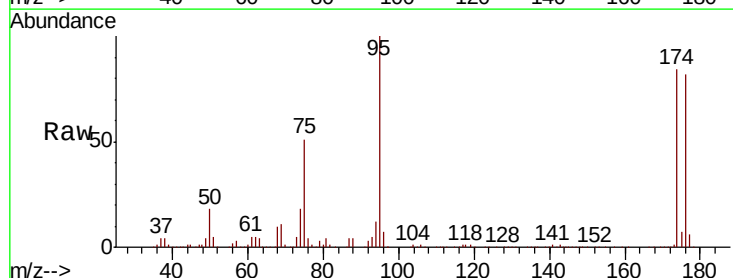
Tgt Ion: 95 Resp: 158898

Ion Ratio Lower Upper

95 100

174 88.3 0.0 180.6

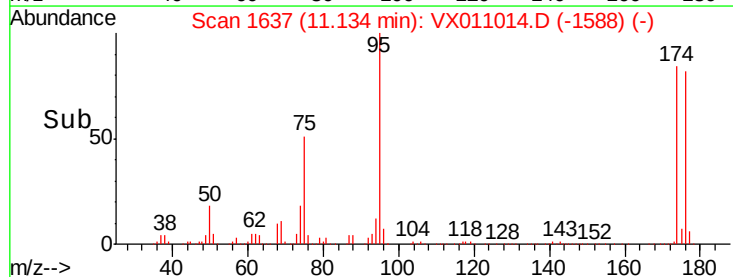
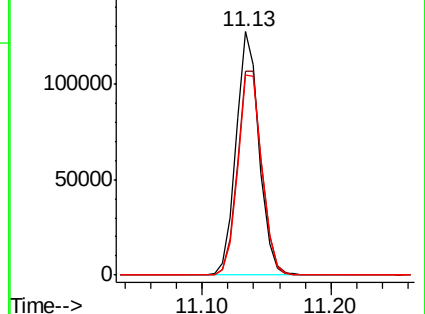
176 86.3 0.0 173.8

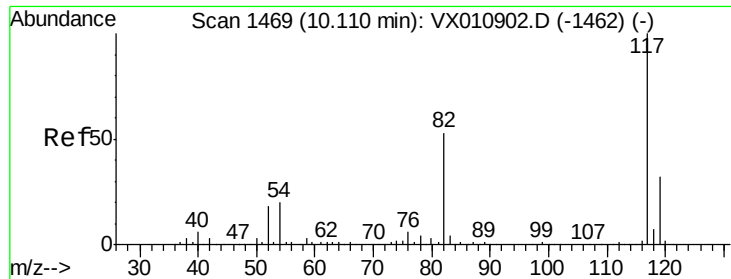


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

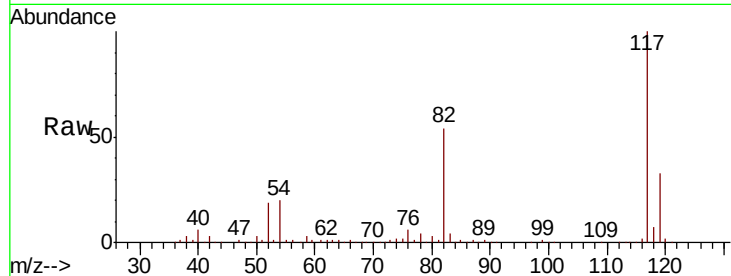




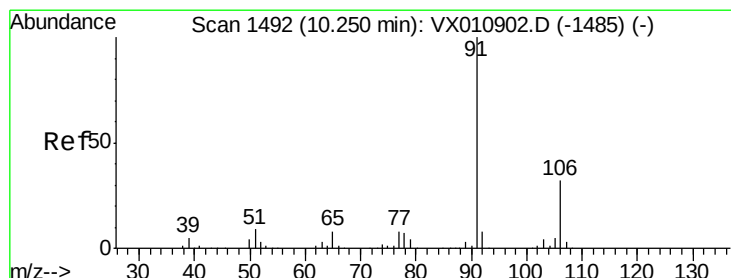
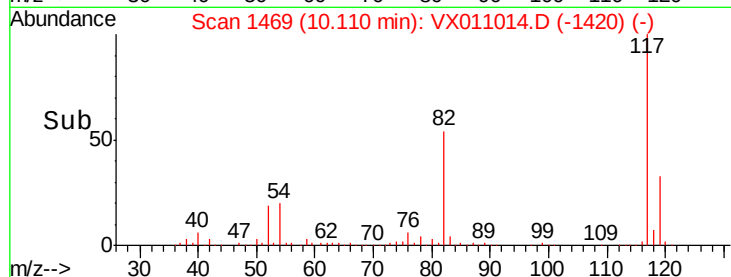
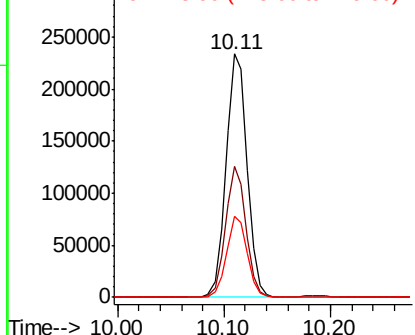
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011014.D
Acq: 19 Jul 2019 19:45

Instrument :
MSVOA_X
ClientSampled :
FL-0608DL

Tot Ion:117 Resp: 323722
Ion Ratio Lower Upper
117 100
82 53.9 42.6 63.8
119 33.1 25.9 38.9

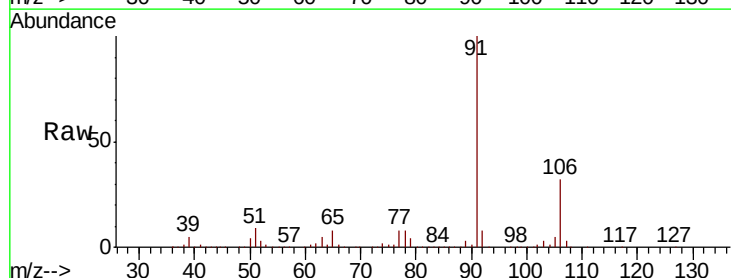


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

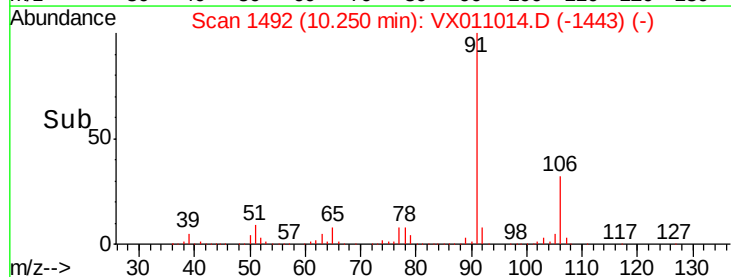
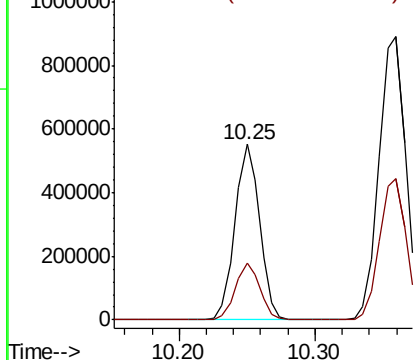


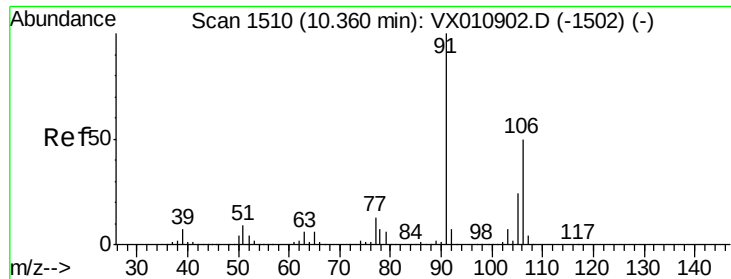
#67
Ethyl Benzene
Concen: 61.612 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011014.D
Acq: 19 Jul 2019 19:45

Tgt Ion: 91 Resp: 697288
Ion Ratio Lower Upper
91 100
106 32.4 25.4 38.2



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

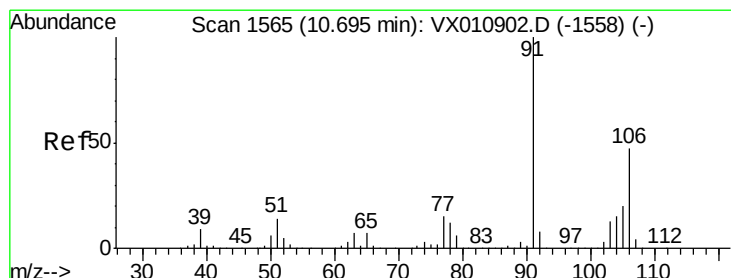
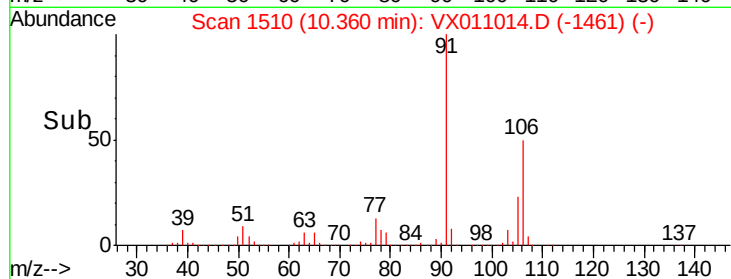
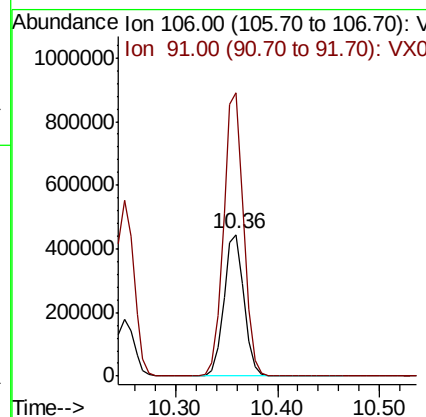
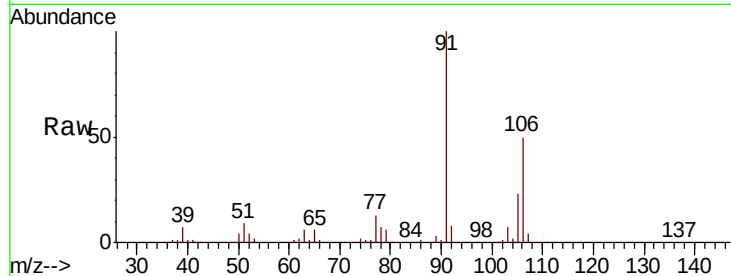




#68
m/p-Xylenes
Concen: 140.053 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX011014.D
Acq: 19 Jul 2019 19:45

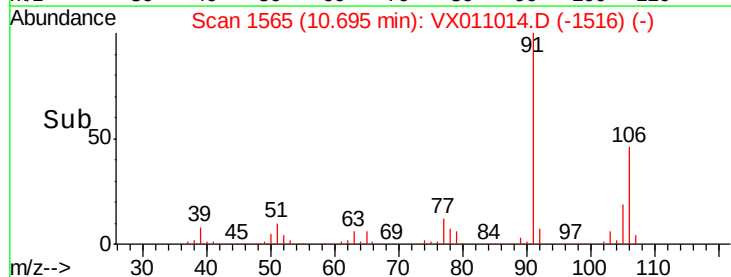
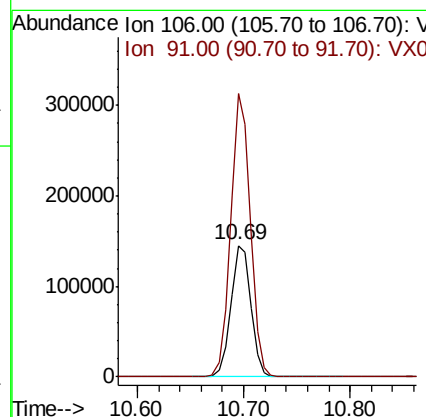
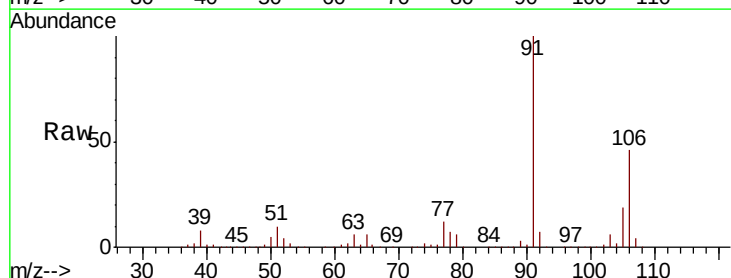
Instrument :
MSVOA_X
ClientSampleId :
FL-0608DL

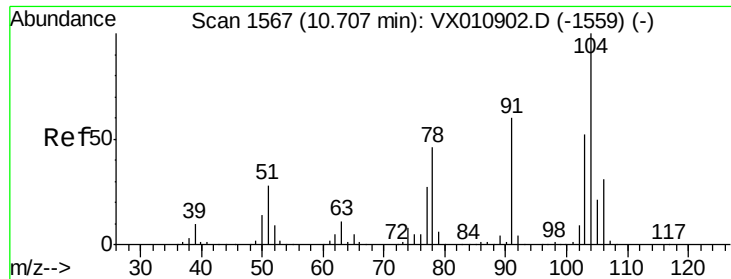
Tot Ion:106 Resp: 608005
Ion Ratio Lower Upper
106 100
91 200.2 160.1 240.1



#69
o-Xylene
Concen: 45.172 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011014.D
Acq: 19 Jul 2019 19:45

Tgt Ion:106 Resp: 191385
Ion Ratio Lower Upper
106 100
91 210.9 105.1 315.3





#70

Stvrene

Concen: 1.371 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VX011014.D

Acq: 19 Jul 2019 19:45

Instrument :

MSVOA_X

ClientSampleId :

FL-0608DL

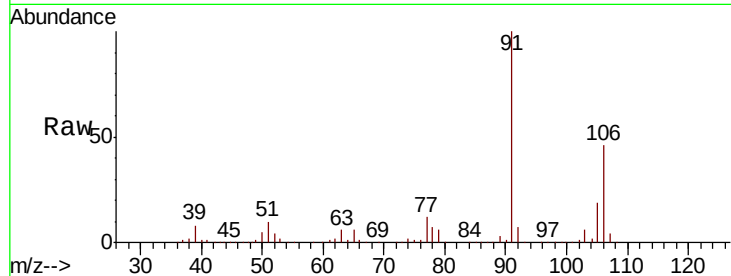
Tot Ion:104 Resp: 9685

Ion Ratio Lower Upper

104 100

78 292.3 38.8 58.2#

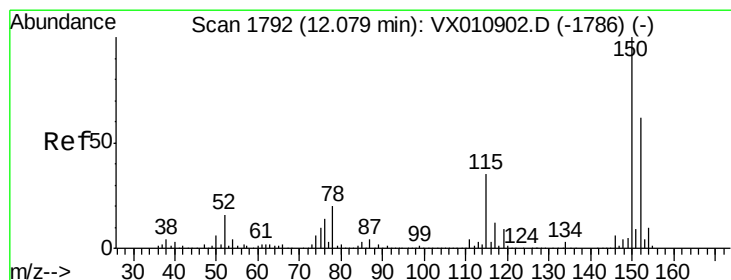
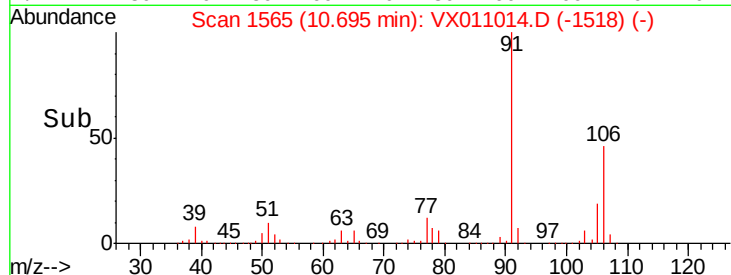
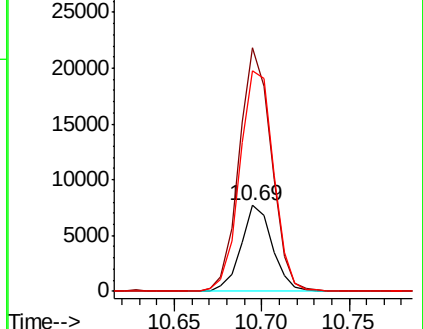
103 275.2 44.2 66.4#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX011014.D

Acq: 19 Jul 2019 19:45

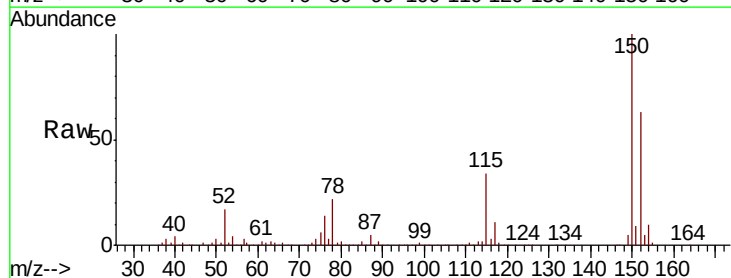
Tgt Ion:152 Resp: 166587

Ion Ratio Lower Upper

152 100

115 55.5 39.7 119.1

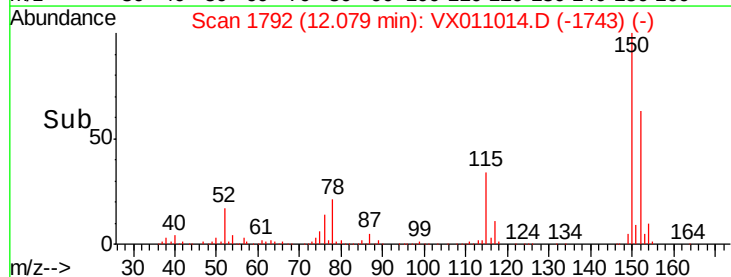
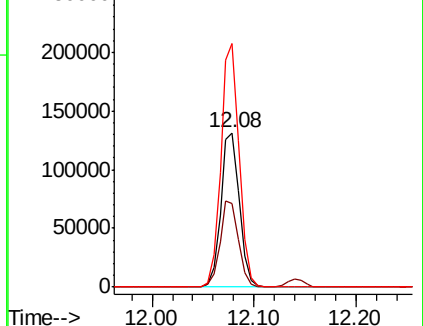
150 155.4 0.0 345.6

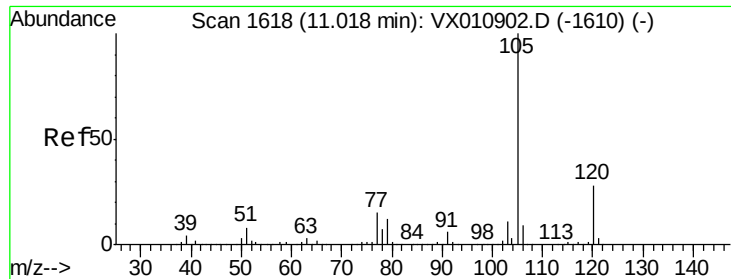


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.384 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011014.D

Acq: 19 Jul 2019 19:45

Instrument :

MSVOA_X

ClientSampleId :

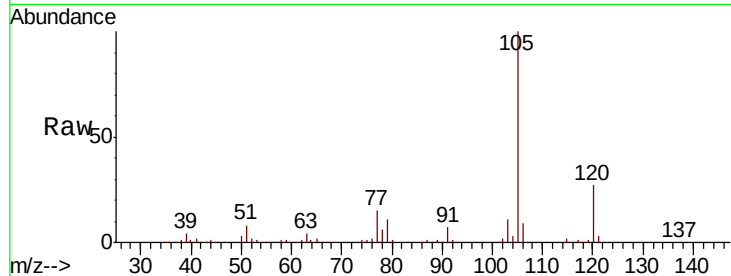
FL-0608DL

Tot Ion:105 Resp: 49353

Ion Ratio Lower Upper

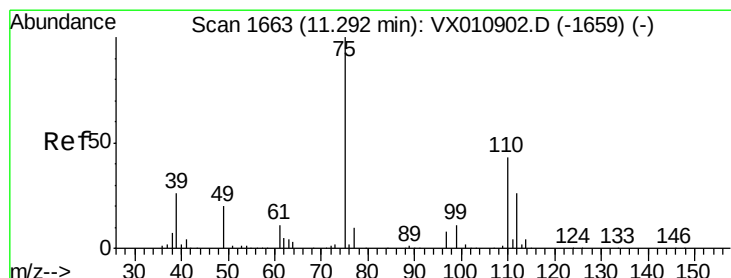
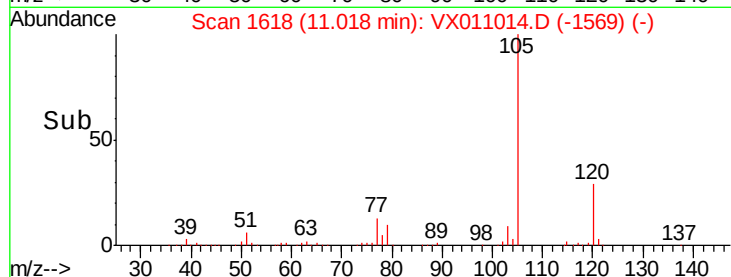
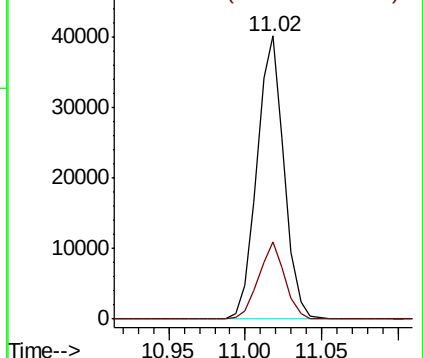
105 100

120 26.7 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: 0.892 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.14 min

Lab File: VX011014.D

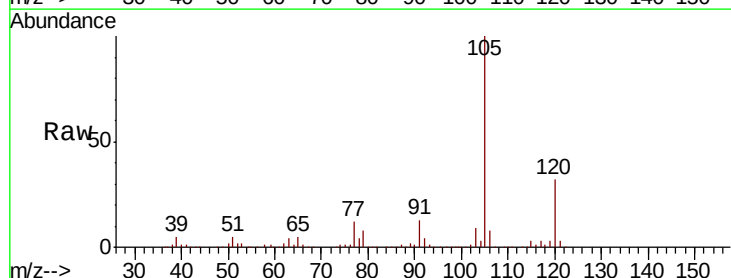
Acq: 19 Jul 2019 19:45

Tgt Ion: 75 Resp: 2680

Ion Ratio Lower Upper

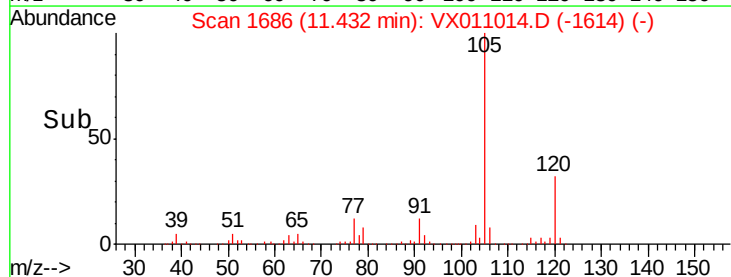
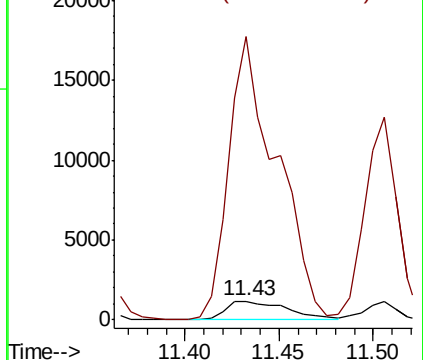
75 100

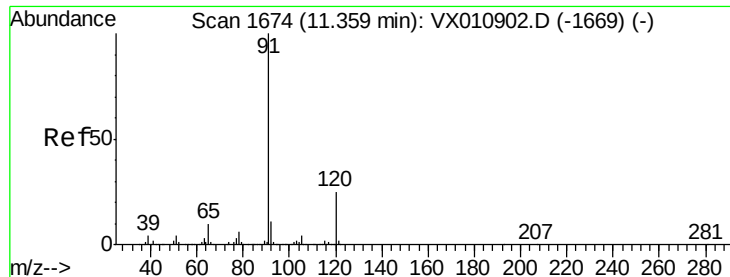
77 1171.3 21.3 64.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 5.622 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011014.D

Acq: 19 Jul 2019 19:45

Instrument :

MSVOA_X

ClientSampleId :

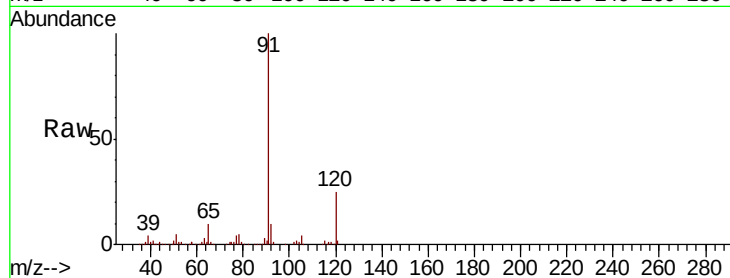
FL-0608DL

Tot Ion: 91 Resp: 69918

Ion Ratio Lower Upper

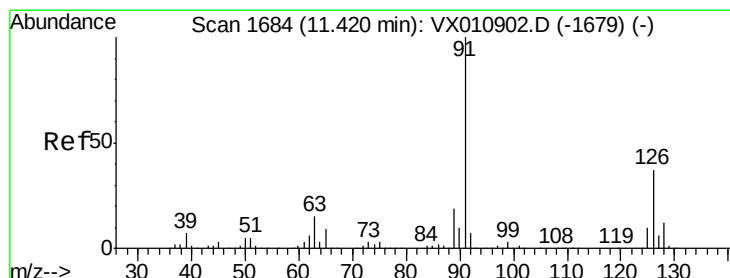
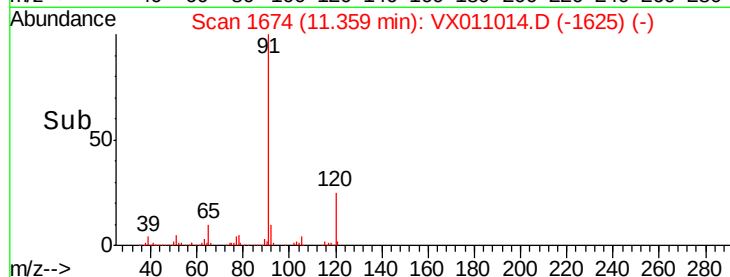
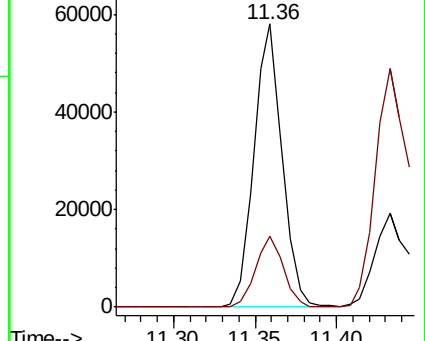
91 100

120 24.7 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 4.518 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX011014.D

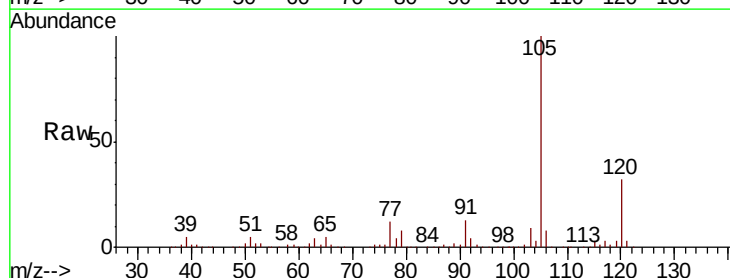
Acq: 19 Jul 2019 19:45

Tgt Ion: 91 Resp: 33754

Ion Ratio Lower Upper

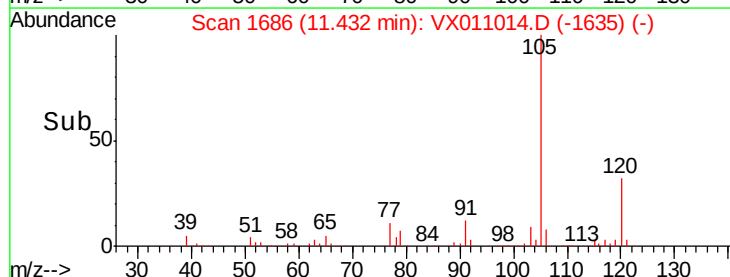
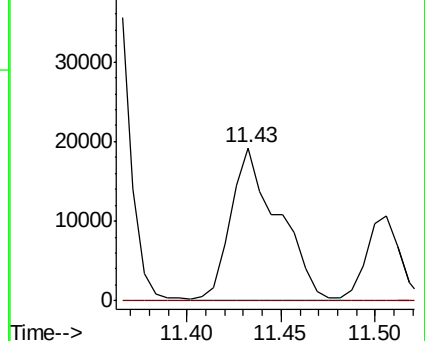
91 100

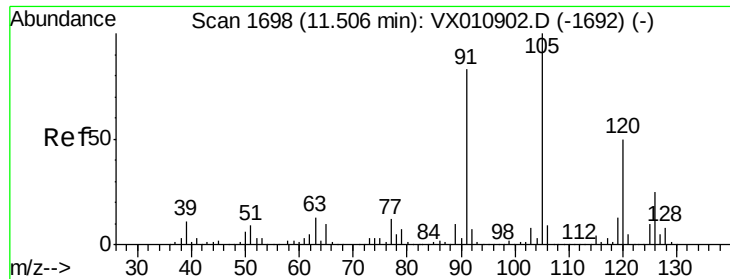
126 0.0 18.0 54.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

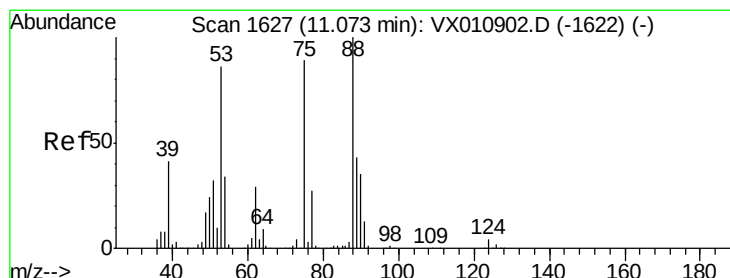
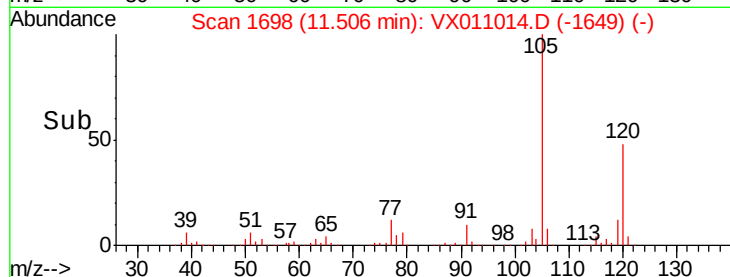
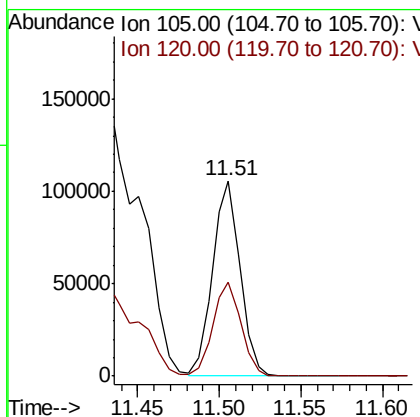
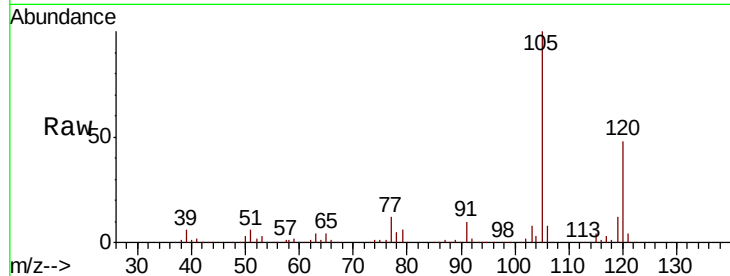




#80
 1,3,5-Trimethylbenzene
 Concen: 13.212 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX011014.D
 Acq: 19 Jul 2019 19:45

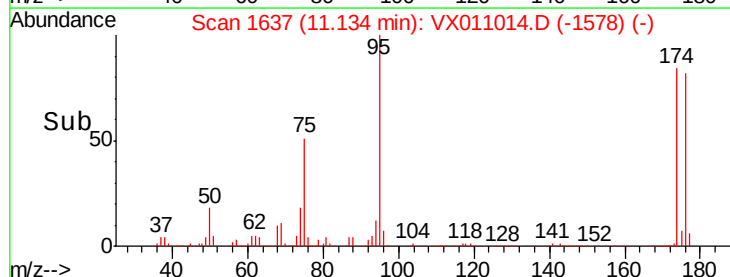
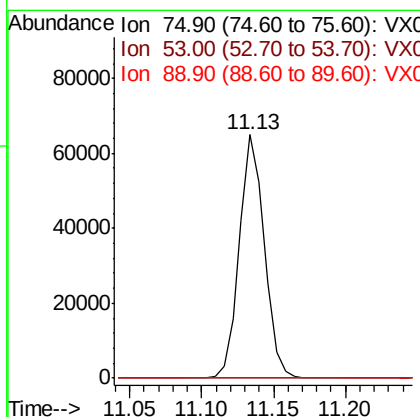
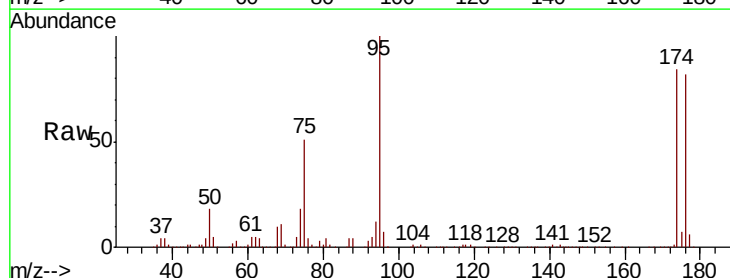
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0608DL

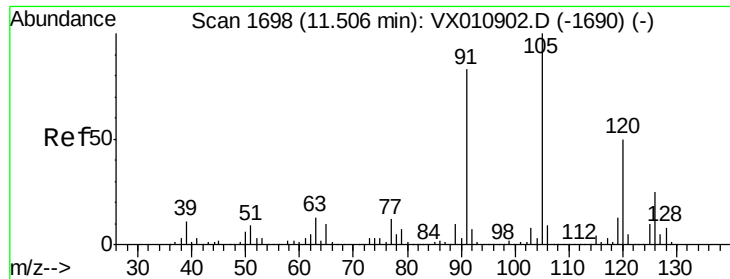
Tot Ion:105 Resp: 124273
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.6 73.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.834 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX011014.D
 Acq: 19 Jul 2019 19:45

Tgt Ion: 75 Resp: 78450
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.7 115.1#
 89 0.1 38.5 57.7#





#82

4-Chlorotoluene

Concen: 1.486 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011014.D

Acq: 19 Jul 2019 19:45

Instrument :

MSVOA_X

ClientSampleId :

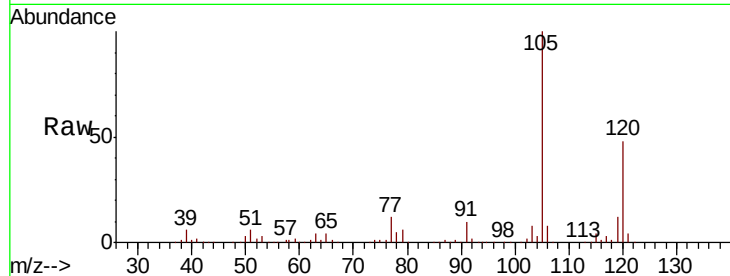
FL-0608DL

Tot Ion: 91 Resp: 12923

Ion Ratio Lower Upper

91 100

126 0.0 15.9 47.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

12000

10000

8000

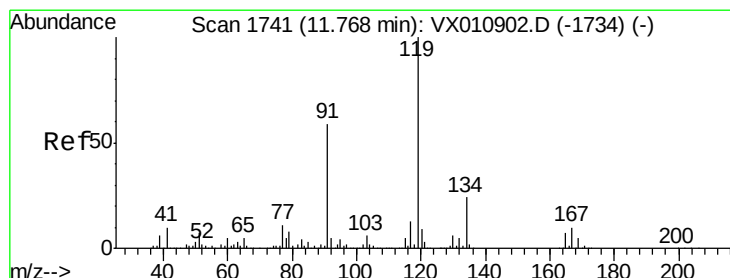
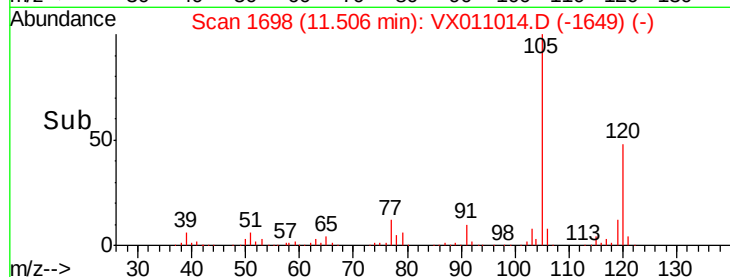
6000

4000

2000

0

Time--> 11.45 11.50 11.55



#83

tert-Butylbenzene

Concen: 0.367 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX011014.D

Acq: 19 Jul 2019 19:45

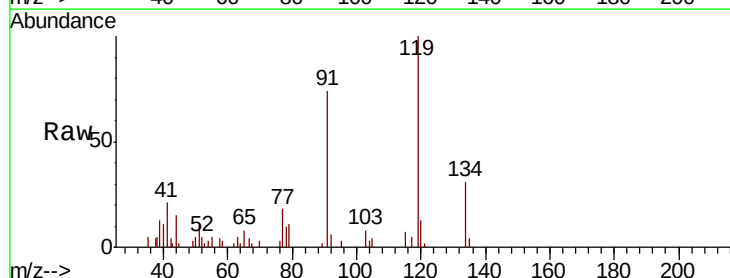
Tgt Ion: 119 Resp: 3389

Ion Ratio Lower Upper

119 100

91 72.6 28.6 85.8

134 27.6 11.6 34.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V

50000

40000

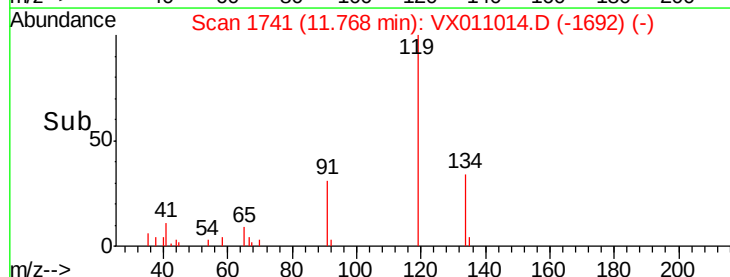
30000

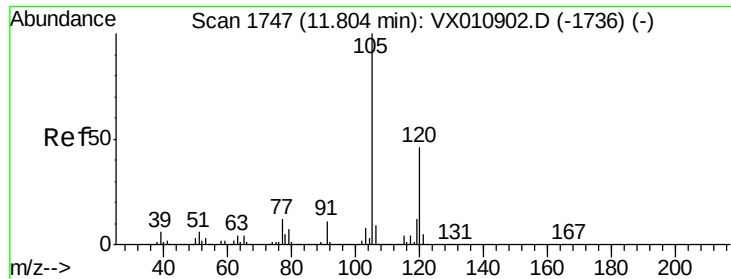
20000

10000

0

Time--> 11.75 11.77





#84

1,2,4-Trimethylbenzene

Concen: 42.063 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX011014.D

Acq: 19 Jul 2019 19:45

Instrument :

MSVOA_X

ClientSampleId :

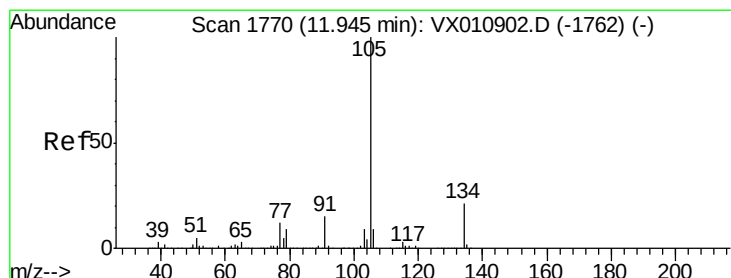
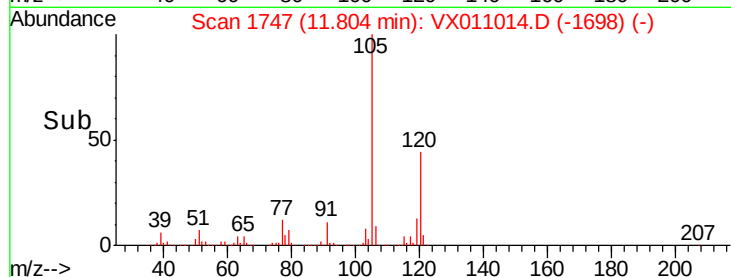
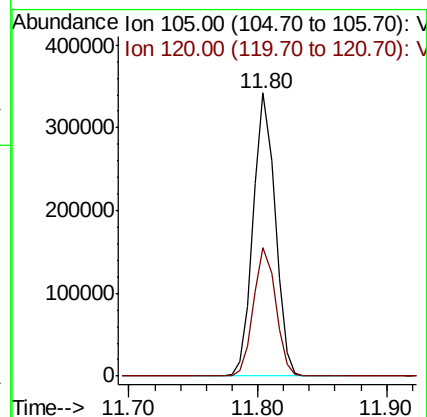
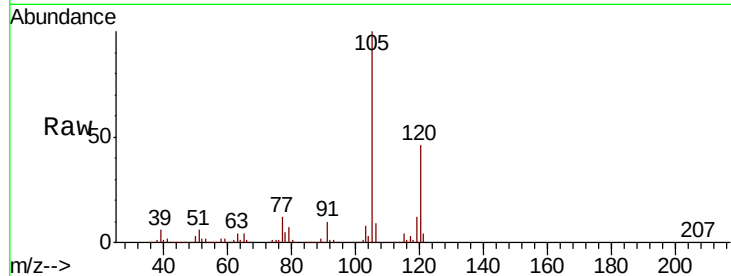
FL-0608DL

Tot Ion:105 Resp: 398763

Ion Ratio Lower Upper

105 100

120 46.1 22.9 68.5



#85

sec-Butylbenzene

Concen: 36.836 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX011014.D

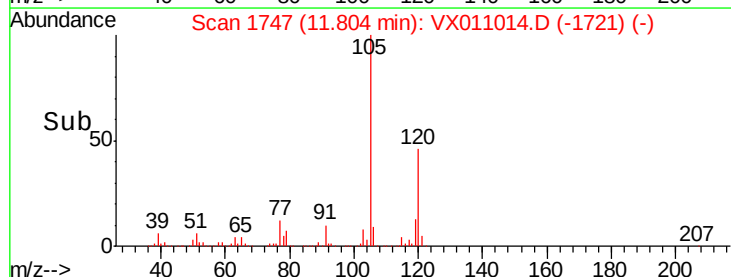
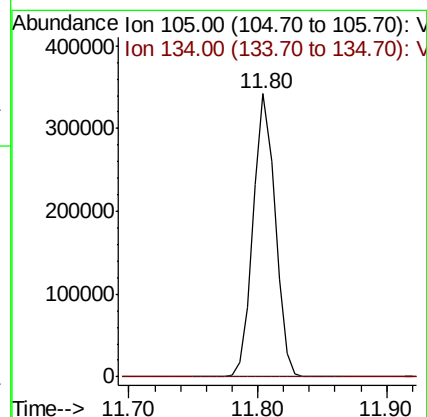
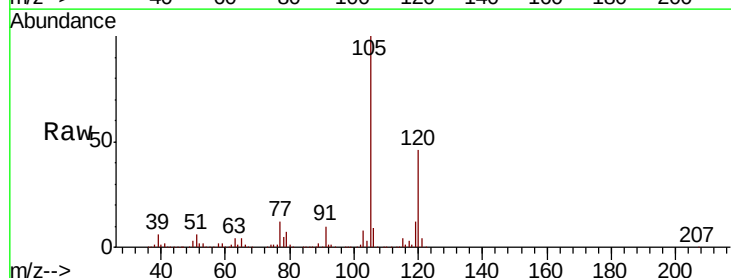
Acq: 19 Jul 2019 19:45

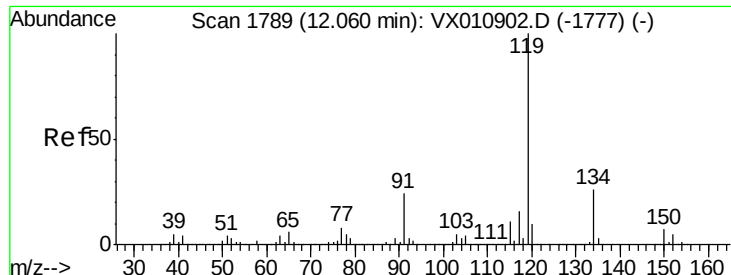
Tgt Ion:105 Resp: 398763

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.4#

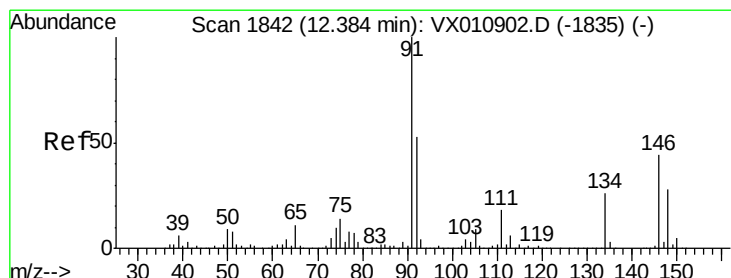
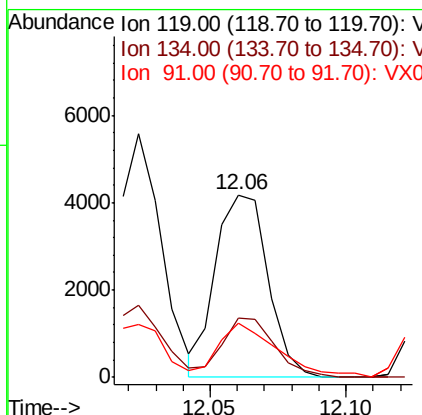
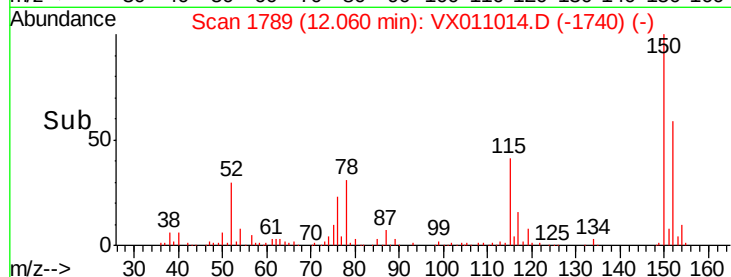
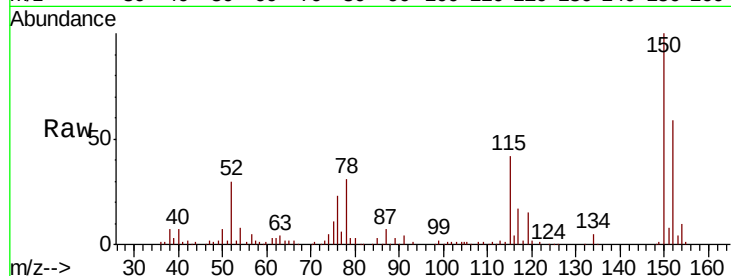




#86
p-Isopropyltoluene
Concen: 0.560 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX011014.D
Acq: 19 Jul 2019 19:45

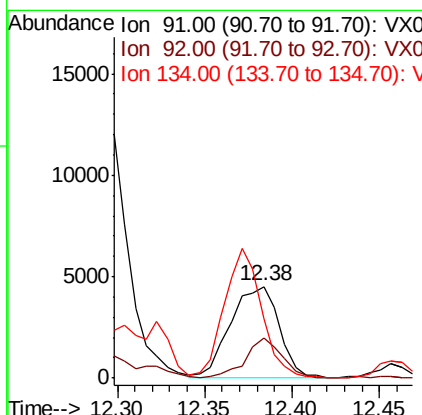
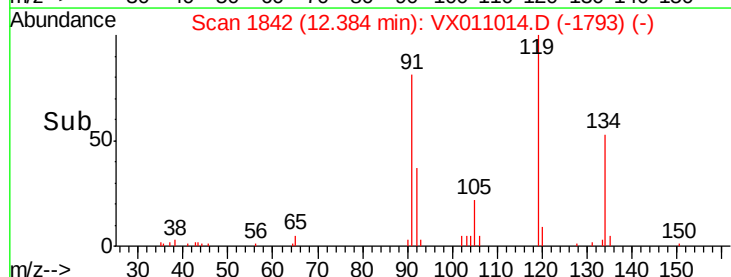
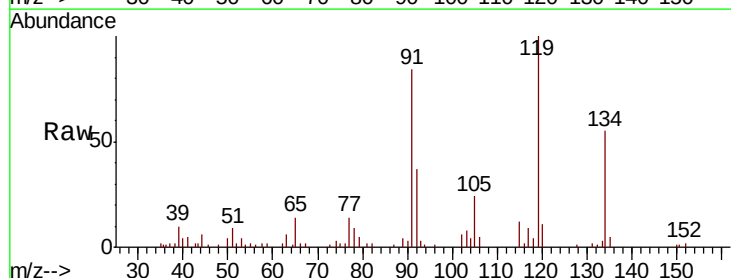
Instrument :
MSVOA_X
ClientSampled :
FL-0608DL

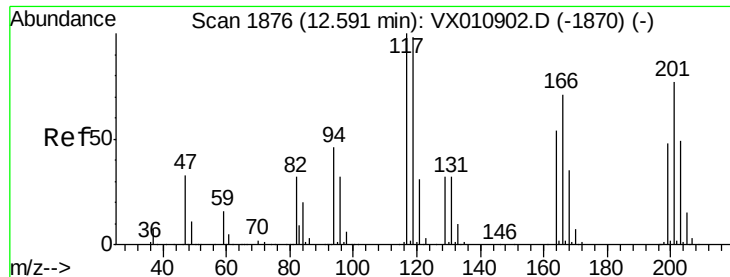
Tot Ion:119 Resp: 5606
Ion Ratio Lower Upper
119 100
134 33.2 13.4 40.1
91 33.8 11.8 35.4



#89
n-Butylbenzene
Concen: 1.026 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011014.D
Acq: 19 Jul 2019 19:45

Tgt Ion: 91 Resp: 8785
Ion Ratio Lower Upper
91 100
92 32.6 26.2 78.5
134 108.4 13.8 41.3#





#90

Hexachloroethane

Concen: 1.319 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX011014.D

Acq: 19 Jul 2019 19:45

Instrument :

MSVOA_X

ClientSampled :

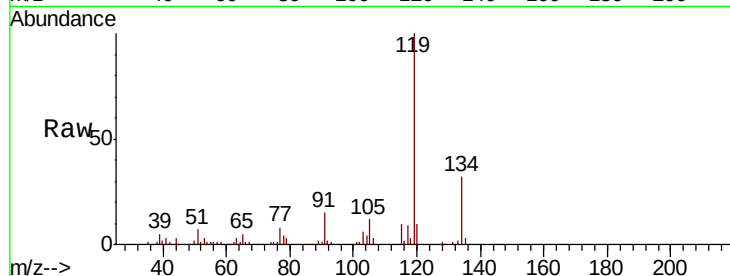
FL-0608DL

Tot Ion:117 Resp: 2082

Ion Ratio Lower Upper

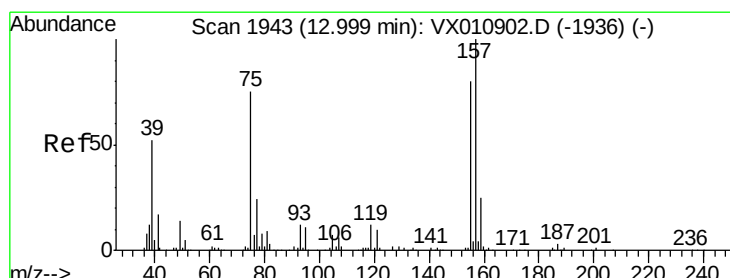
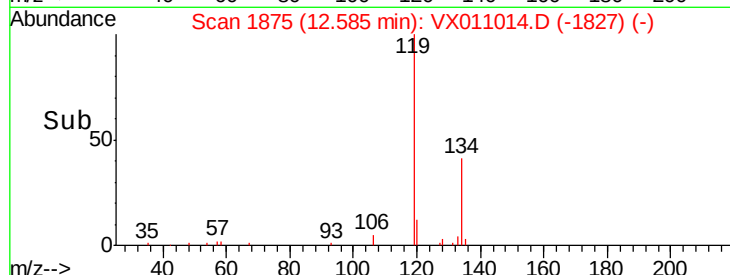
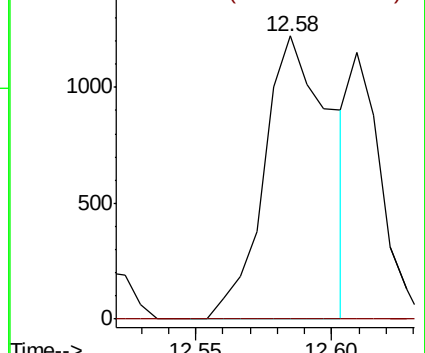
117 100

201 0.0 43.3 129.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.332 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX011014.D

Acq: 19 Jul 2019 19:45

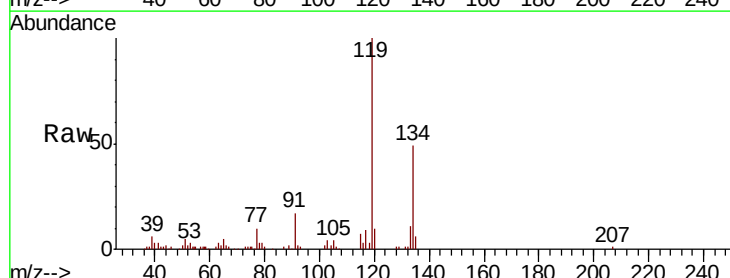
Tgt Ion: 75 Resp: 256

Ion Ratio Lower Upper

75 100

155 0.0 48.7 146.1#

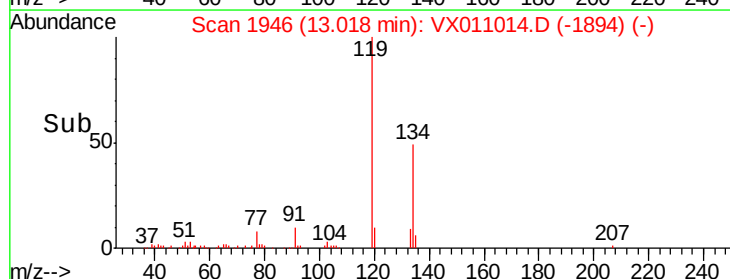
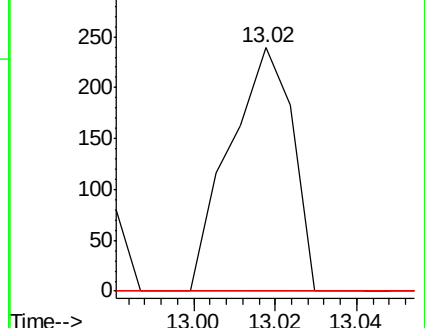
157 0.0 62.5 187.6#

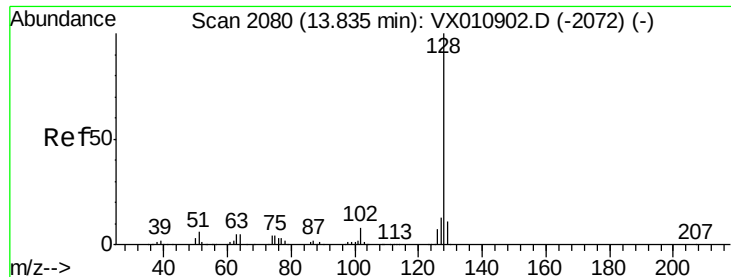


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
 Naphthalene
 Concen: 20.506 ug/l
 RT: 13.83 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX011014.D
 Acq: 19 Jul 2019 19:45

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0608DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.1	8.9	13.3

