

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071219\
 Data File : VX010863.D
 Acq On : 13 Jul 2019 02:09
 Operator : JC/SP
 Sample : K3791-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0596

Quant Time: Jul 15 08:46:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	247974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	385227	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	359056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187487	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	130075	55.95	ug/l	0.00
Spiked Amount			Recovery	=	111.90%	
35) Dibromofluoromethane	5.50	113	117820	49.99	ug/l	0.00
Spiked Amount			Recovery	=	99.98%	
50) Toluene-d8	8.71	98	473302	52.49	ug/l	0.00
Spiked Amount			Recovery	=	104.98%	
62) 4-Bromofluorobenzene	11.13	95	172158	52.88	ug/l	0.00
Spiked Amount			Recovery	=	105.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	712	0.355	ug/l #	82
5) Bromomethane	1.66	94	771	0.720	ug/l #	76
6) Chloroethane	1.79	64	701	0.540	ug/l #	59
11) Tert butyl alcohol	3.03	59	3555	5.843	ug/l #	74
13) Acrolein	2.28	56	84	0.208	ug/l #	14
14) Allyl chloride	2.84	41	9804	3.213	ug/l #	59
15) Acrylonitrile	3.17	53	3714	3.083	ug/l #	39
16) Acetone	2.44	43	3412	2.928	ug/l	99
17) Carbon Disulfide	2.57	76	1257	0.218	ug/l #	75
18) Methyl Acetate	2.85	43	20777	8.947	ug/l #	49
25) 2-Butanone	4.56	43	1508	0.882	ug/l #	46
29) Tetrahydrofuran	5.12	42	217	0.205	ug/l #	28
31) Cyclohexane	5.59	56	179432	53.429	ug/l	95
36) 1,1-Dichloropropene	5.66	75	16377	5.350	ug/l #	43
38) Carbon Tetrachloride	5.66	117	23329	7.038	ug/l #	15
39) Methylcyclohexane	7.46	83	401690	99.826	ug/l	96
43) Isopropyl Acetate	6.46	43	4785	0.918	ug/l #	60
45) 1,2-Dichloropropane	7.46	63	4024	1.671	ug/l #	1
47) Bromodichloromethane	7.85	83	1417	0.447	ug/l #	17
48) Methyl methacrylate	7.73	41	18100	7.474	ug/l #	57
49) 1,4-Dioxane	7.84	88	41	0.588	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	5947	1.785	ug/l #	41
55) 1,1,2-Trichloroethane	9.16	97	34300	13.242	ug/l #	19
56) Ethyl methacrylate	9.16	69	7198	1.834	ug/l #	1
59) 2-Hexanone	9.44	43	5678	2.165	ug/l #	28
67) Ethyl Benzene	10.25	91	225614	18.333	ug/l	98
68) m/p-Xylenes	10.36	106	216817	45.470	ug/l	98
69) o-Xylene	10.70	106	2628	0.560	ug/l	81
73) Isopropylbenzene	11.02	105	386143	30.383	ug/l	99
74) N-amyl acetate	10.91	43	1806	0.376	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	2875	0.683	ug/l #	46
76) 1,2,3-Trichloropropane	11.36	75	4627	1.354	ug/l #	1
78) n-propylbenzene	11.36	91	715539	51.227	ug/l	98
79) 2-Chlorotoluene	11.43	91	370507	44.545	ug/l #	38

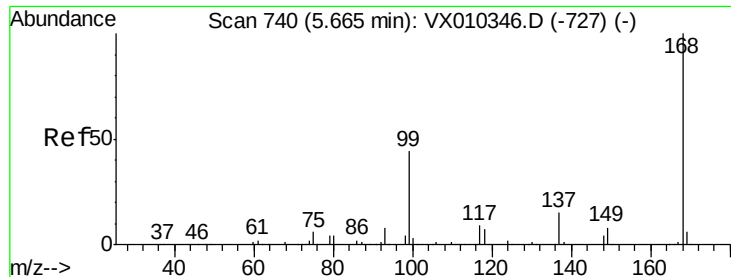
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.51	105	1336711	127.582	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.02	75	4816	3.289	ug/l #	64
82) 4-Chlorotoluene	11.51	91	143339	15.145	ug/l #	42
83) tert-Butylbenzene	11.77	119	15428	1.467	ug/l #	45
84) 1,2,4-Trimethylbenzene	11.81	105	3924392	372.814	ug/l	100
85) sec-Butylbenzene	11.94	105	165757	13.425	ug/l	82
86) p-Isopropyltoluene	12.06	119	190388	16.670	ug/l	97
89) n-Butylbenzene	12.38	91	180405	18.589	ug/l #	12
90) Hexachloroethane	12.58	117	45132	22.854	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	5557	6.124	ug/l #	1
95) Naphthalene	13.83	128	407993	31.095	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010863.D

Acq: 13 Jul 2019 02:09

Instrument :

MSVOA_X

ClientSampleId :

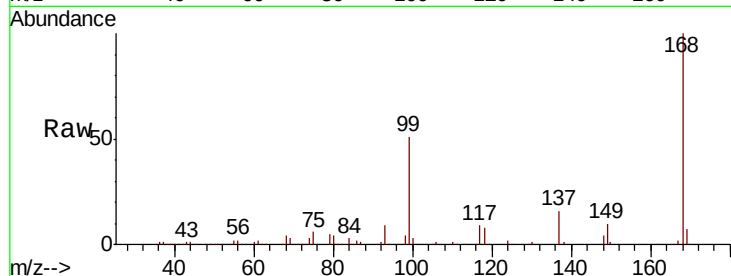
FL-0596

Tot Ion:168 Resp: 247974

Ion Ratio Lower Upper

168 100

99 50.9 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

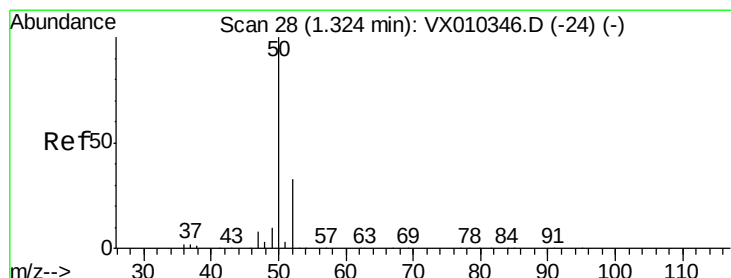
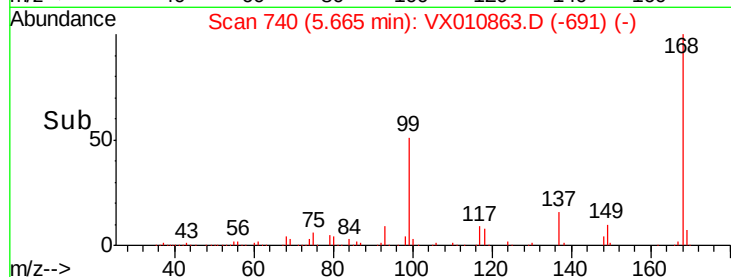
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.355 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010863.D

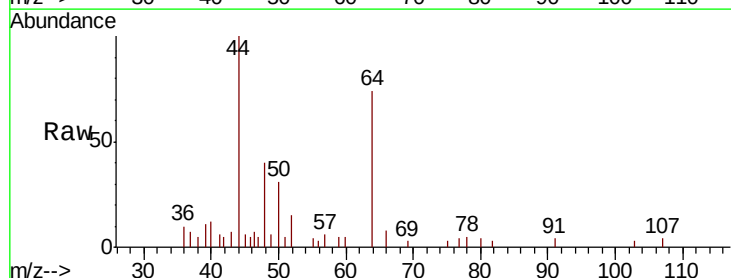
Acq: 13 Jul 2019 02:09

Tgt Ion: 50 Resp: 712

Ion Ratio Lower Upper

50 100

52 43.1 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

600

500

400

300

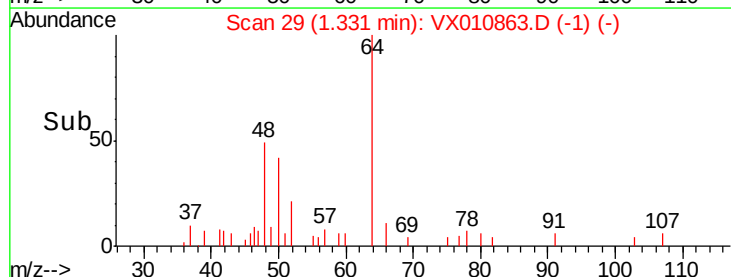
200

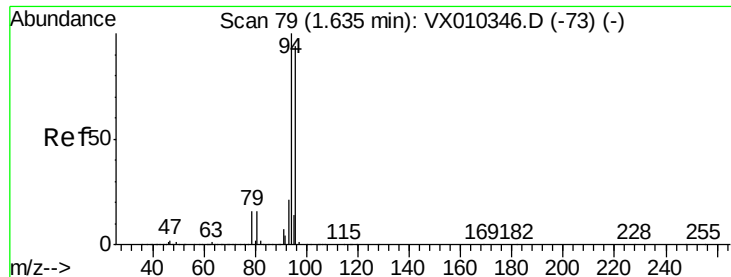
100

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: 0.720 ug/l

RT: 1.66 min Scan# 83

Delta R.T. 0.02 min

Lab File: VX010863.D

Acq: 13 Jul 2019 02:09

Instrument :

MSVOA_X

ClientSampled :

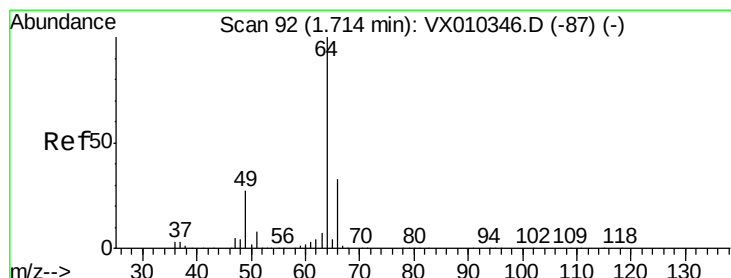
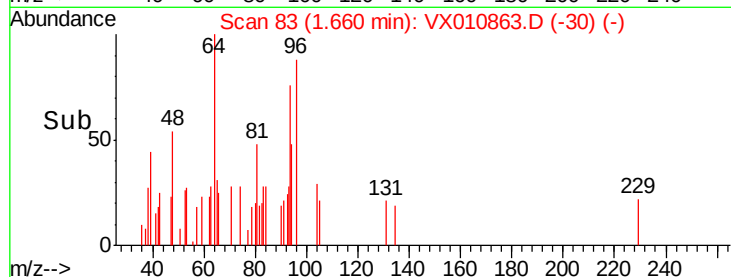
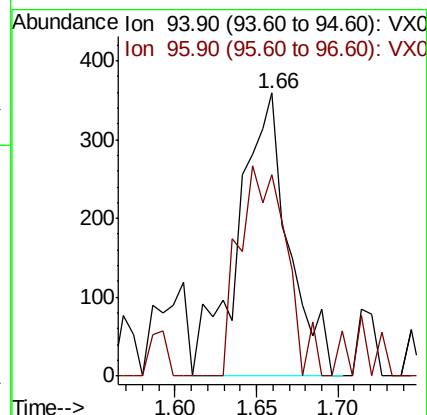
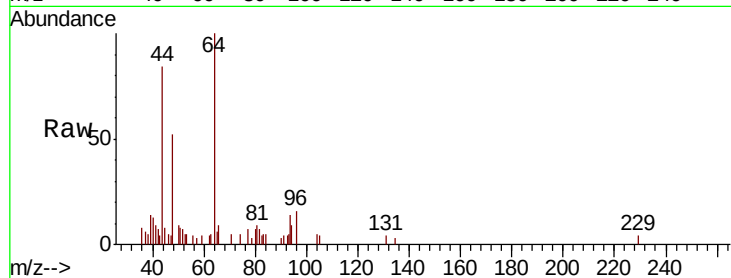
FL-0596

Tot Ion: 94 Resp: 771

Ion Ratio Lower Upper

94 100

96 71.0 75.5 113.3#



#6

Chloroethane

Concen: 0.540 ug/l

RT: 1.79 min Scan# 105

Delta R.T. 0.08 min

Lab File: VX010863.D

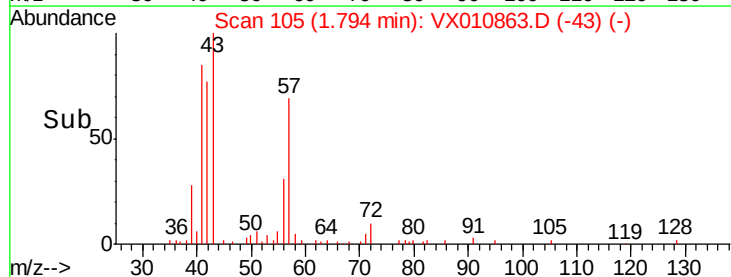
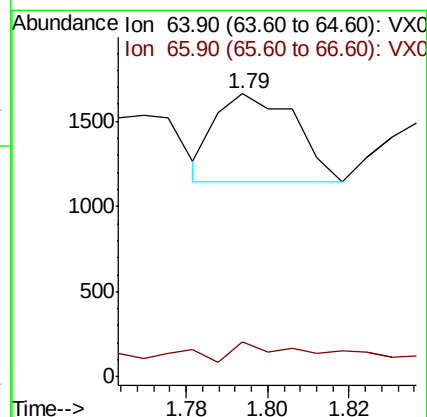
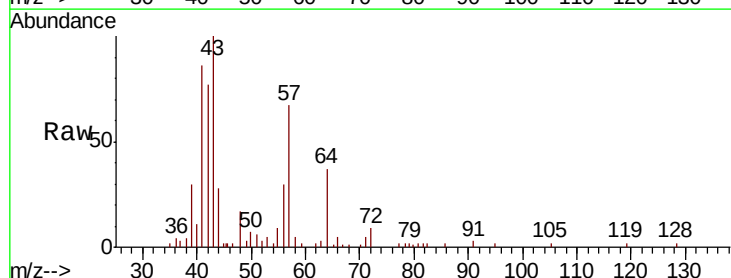
Acq: 13 Jul 2019 02:09

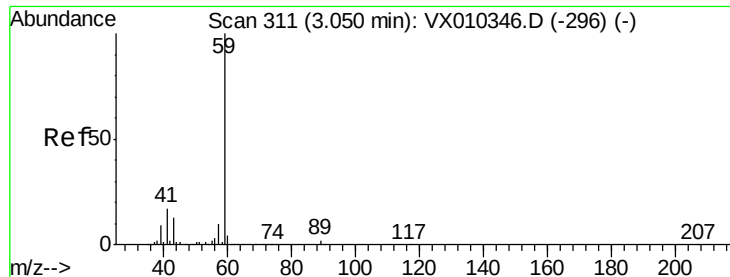
Tgt Ion: 64 Resp: 701

Ion Ratio Lower Upper

64 100

66 9.9 26.6 40.0#

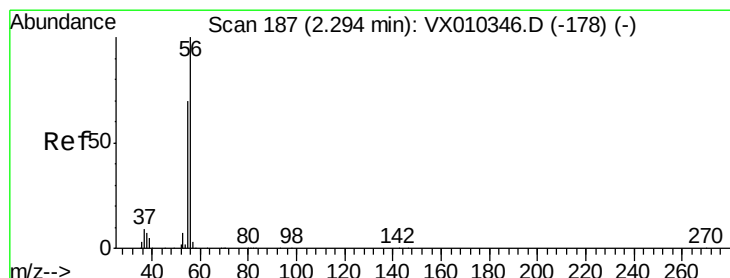
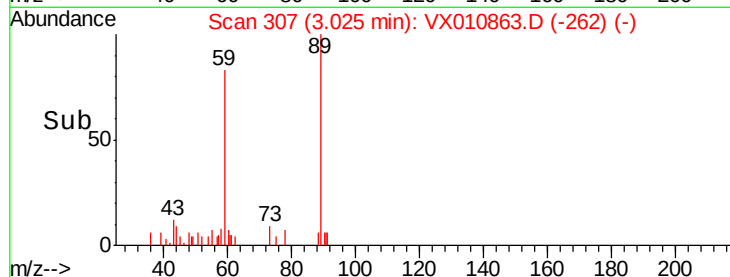
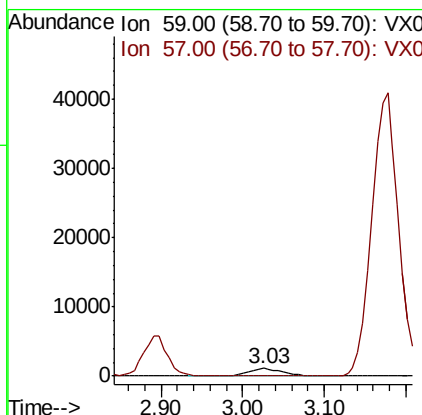
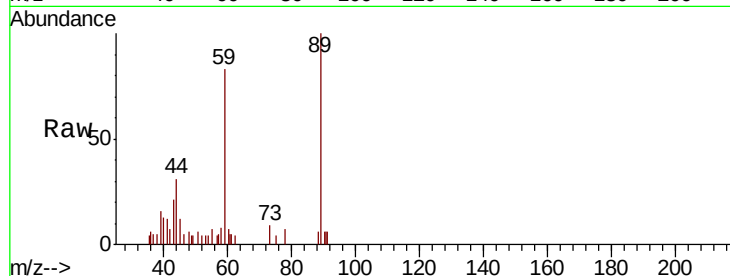




#11
Tert butyl alcohol
Concen: 5.843 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.02 min
Lab File: VX010863.D
Acq: 13 Jul 2019 02:09

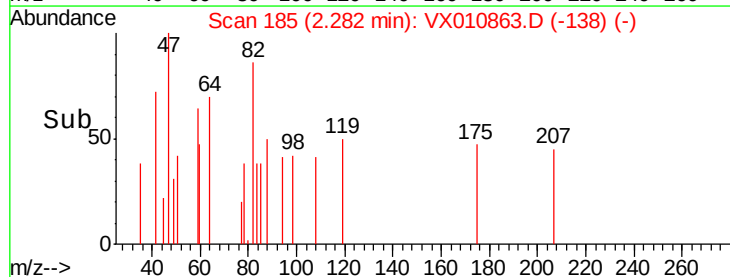
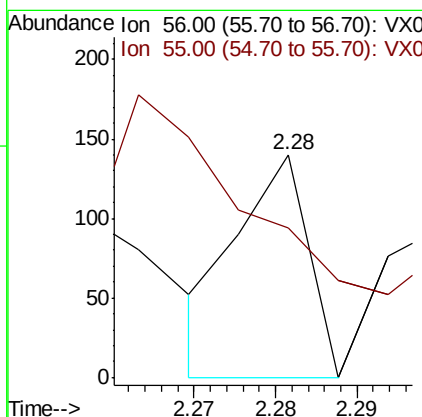
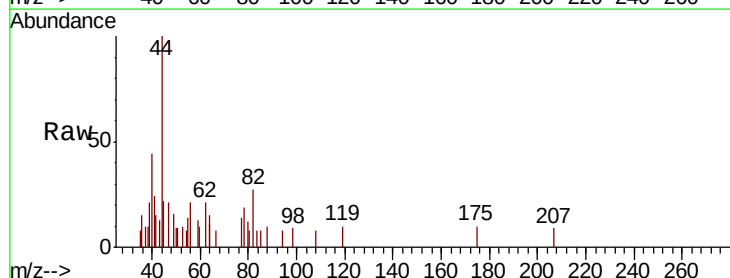
Instrument :
MSVOA_X
ClientSampleId :
FL-0596

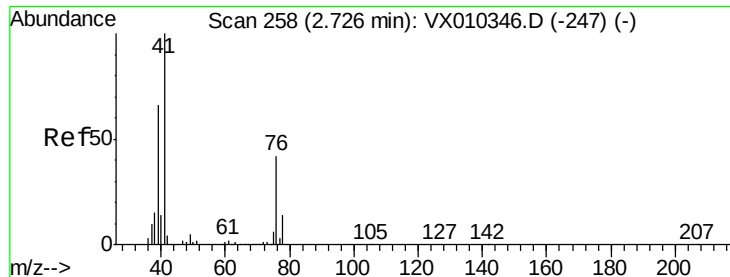
Tot Ion: 59 Resp: 3555
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#13
Acrolein
Concen: 0.208 ug/l
RT: 2.28 min Scan# 185
Delta R.T. -0.01 min
Lab File: VX010863.D
Acq: 13 Jul 2019 02:09

Tgt Ion: 56 Resp: 84
Ion Ratio Lower Upper
56 100
55 0.0 56.9 85.3#





#14

Allvl chloride

Concen: 3.213 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.12 min

Lab File: VX010863.D

Acq: 13 Jul 2019 02:09

Instrument :

MSVOA_X

ClientSampled :

FL-0596

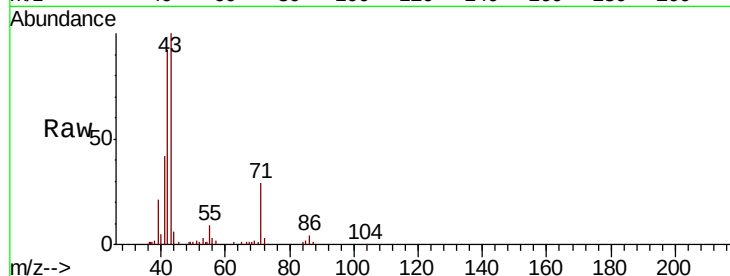
Tot Ion: 41 Resp: 9804

Ion Ratio Lower Upper

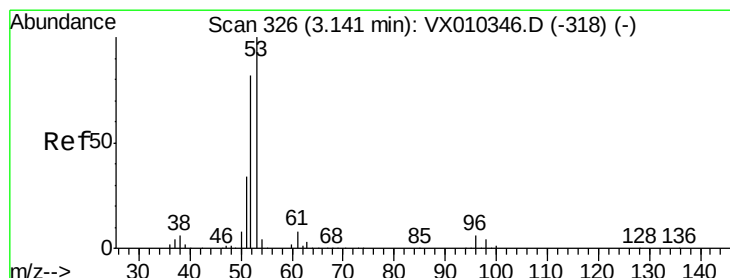
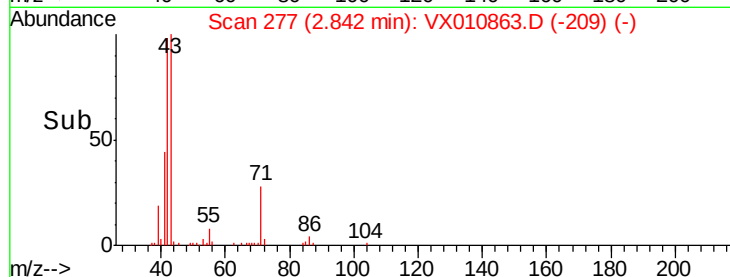
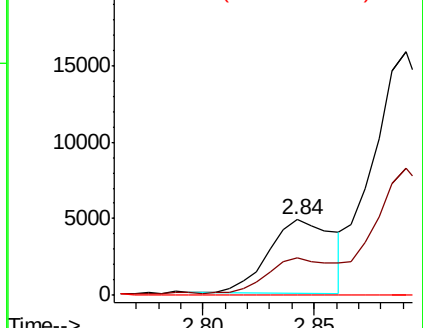
41 100

39 42.5 50.3 75.5#

76 0.4 31.3 46.9#



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0



#15

Acrylonitrile

Concen: 3.083 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.03 min

Lab File: VX010863.D

Acq: 13 Jul 2019 02:09

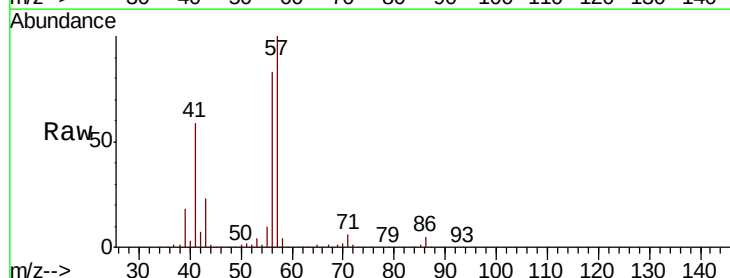
Tgt Ion: 53 Resp: 3714

Ion Ratio Lower Upper

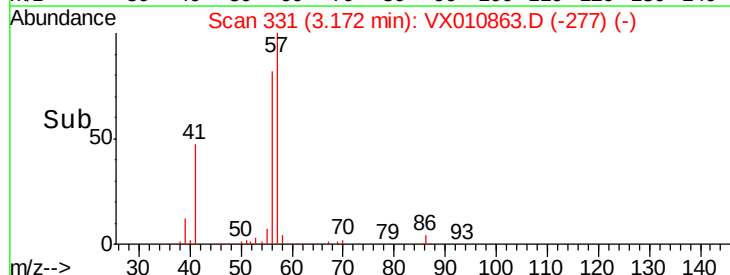
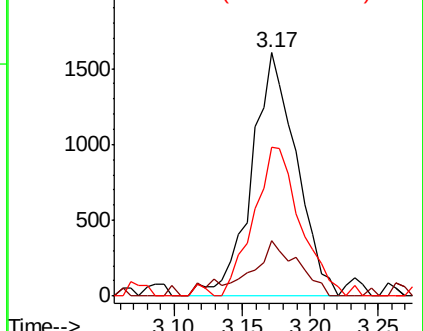
53 100

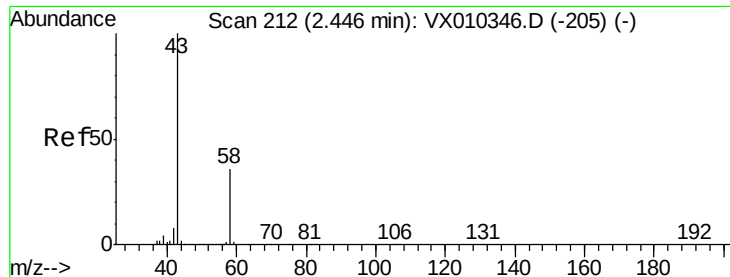
52 22.3 65.5 98.3#

51 63.3 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: 2.928 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010863.D

Acq: 13 Jul 2019 02:09

Instrument :

MSVOA_X

ClientSampleId :

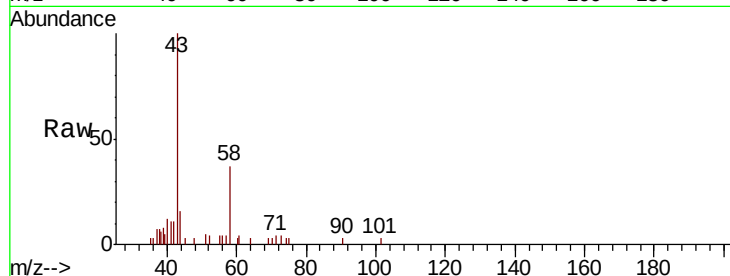
FL-0596

Tot Ion: 43 Resp: 3412

Ion Ratio Lower Upper

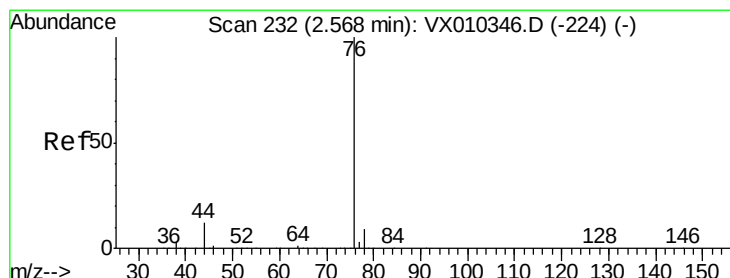
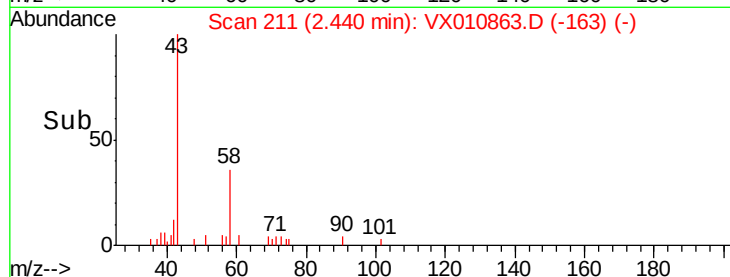
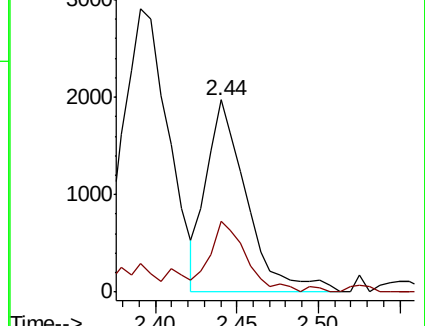
43 100

58 36.8 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.218 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX010863.D

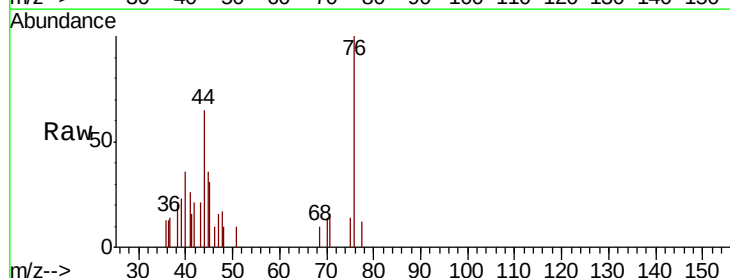
Acq: 13 Jul 2019 02:09

Tgt Ion: 76 Resp: 1257

Ion Ratio Lower Upper

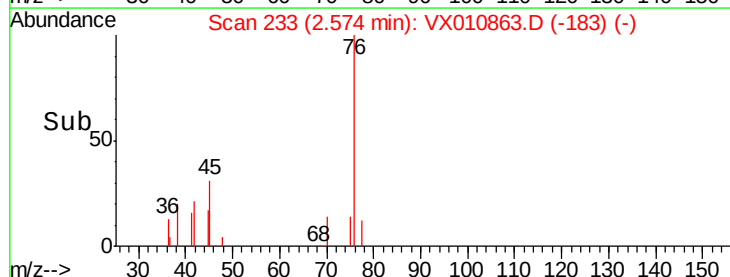
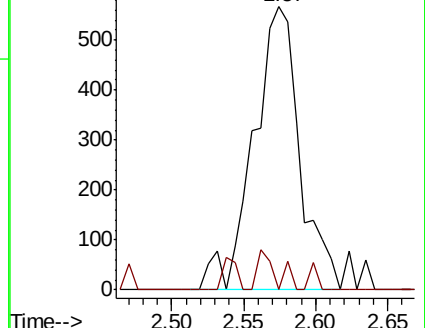
76 100

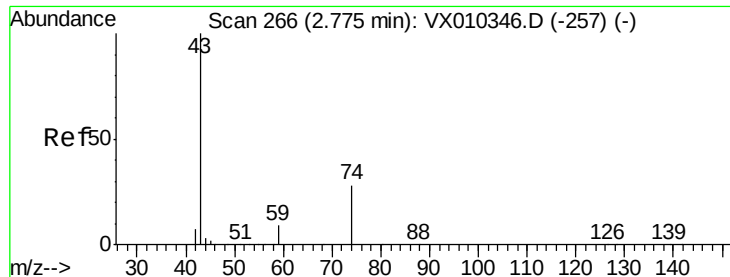
78 0.0 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

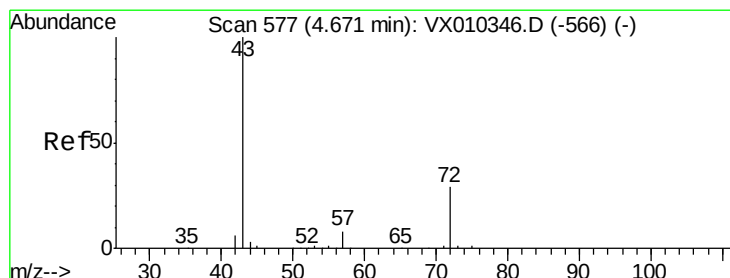
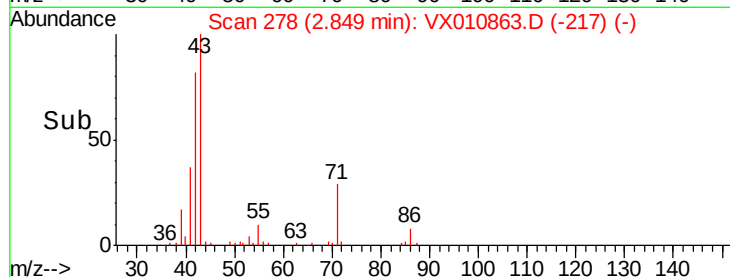
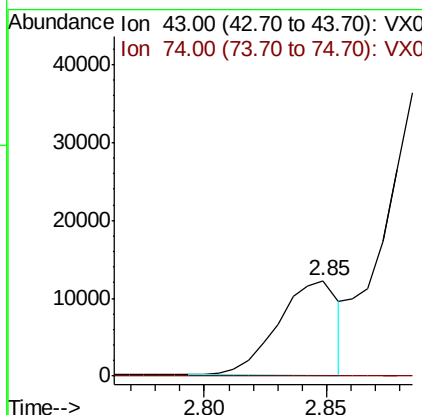
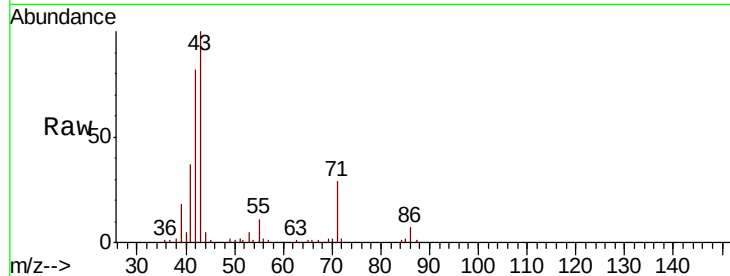




#18
Methyl Acetate
Concen: 8.947 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.07 min
Lab File: VX010863.D
Acq: 13 Jul 2019 02:09

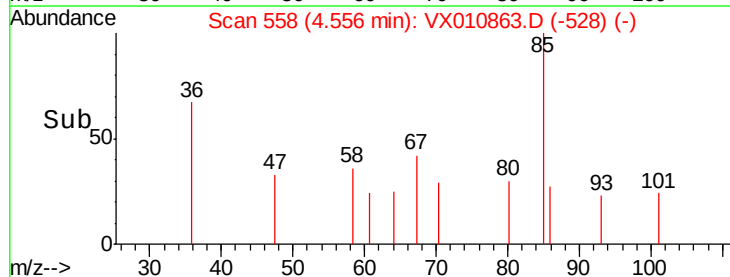
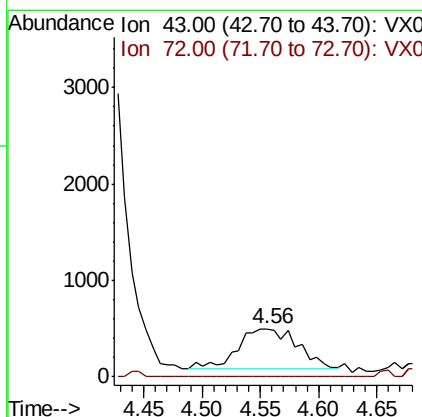
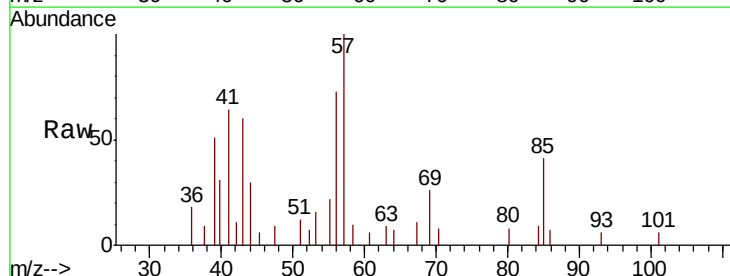
Instrument :
MSVOA_X
ClientSampled :
FL-0596

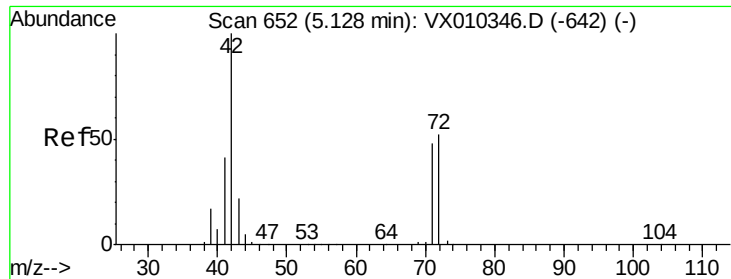
Tot Ion: 43 Resp: 20777
Ion Ratio Lower Upper
43 100
74 0.1 21.3 31.9#



#25
2-Butanone
Concen: 0.882 ug/l
RT: 4.56 min Scan# 558
Delta R.T. -0.12 min
Lab File: VX010863.D
Acq: 13 Jul 2019 02:09

Tgt Ion: 43 Resp: 1508
Ion Ratio Lower Upper
43 100
72 0.0 23.3 34.9#

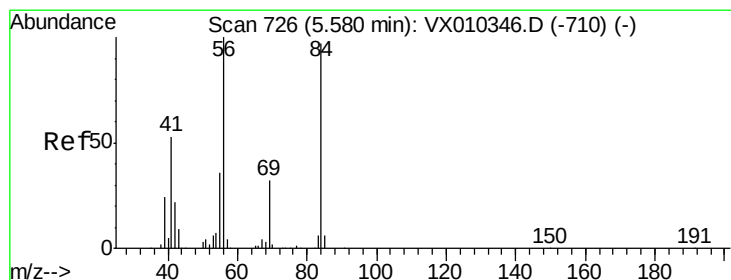
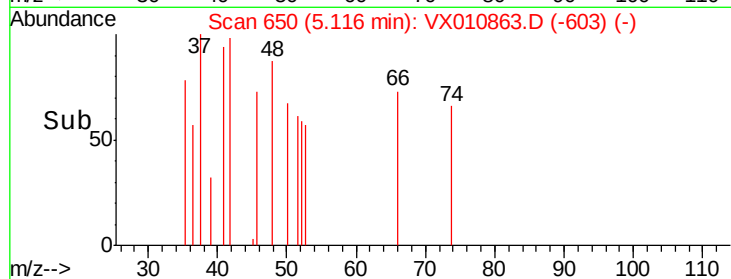
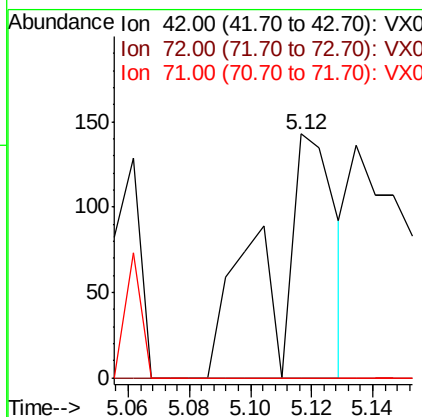
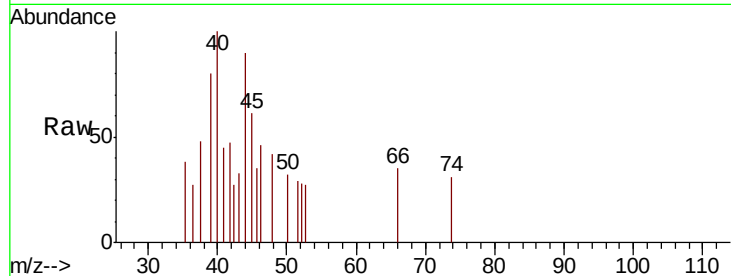




#29
Tetrahydrofuran
Concen: 0.205 ug/l
RT: 5.12 min Scan# 650
Delta R.T. -0.01 min
Lab File: VX010863.D
Acq: 13 Jul 2019 02:09

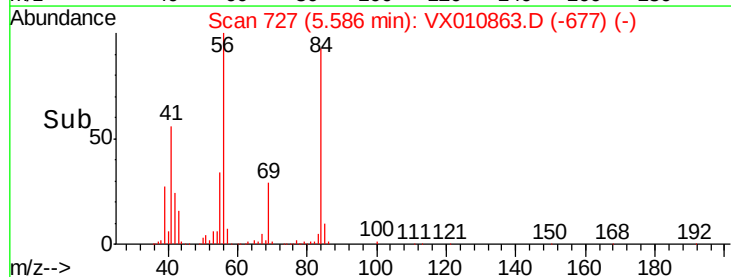
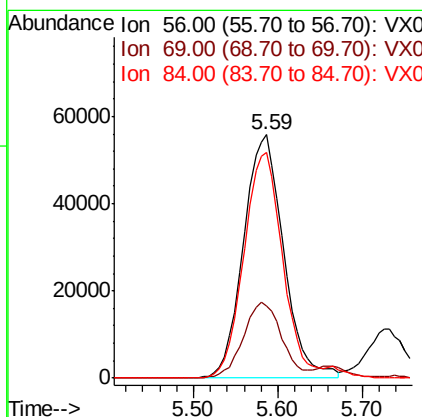
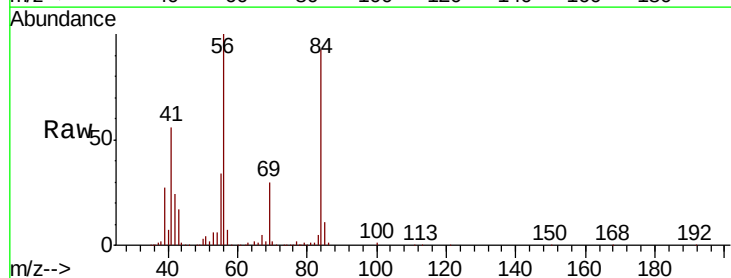
Instrument :
MSVOA_X
ClientSampled :
FL-0596

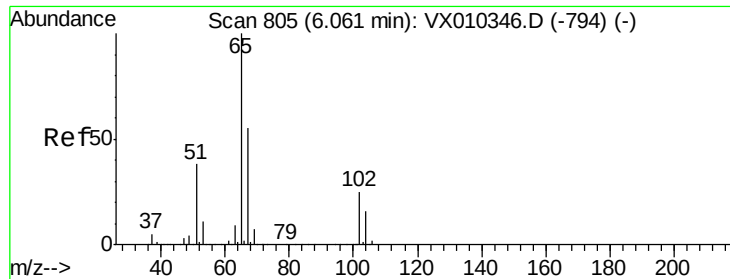
Tot Ion: 42 Resp: 217
Ion Ratio Lower Upper
42 100
72 0.0 40.6 60.8#
71 0.0 37.8 56.8#



#31
Cyclohexane
Concen: 53.429 ug/l
RT: 5.59 min Scan# 727
Delta R.T. 0.01 min
Lab File: VX010863.D
Acq: 13 Jul 2019 02:09

Tgt Ion: 56 Resp: 179432
Ion Ratio Lower Upper
56 100
69 29.3 25.9 38.9
84 93.1 78.0 117.0

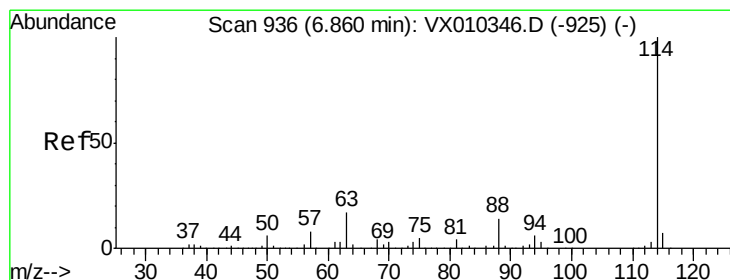
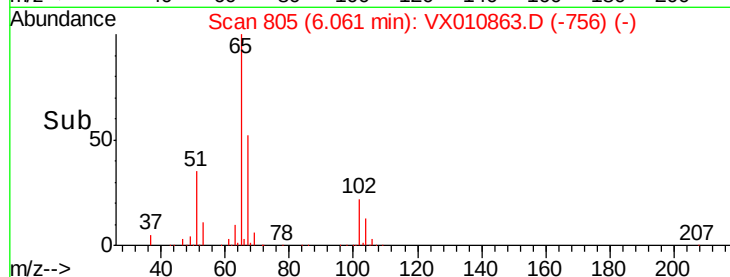
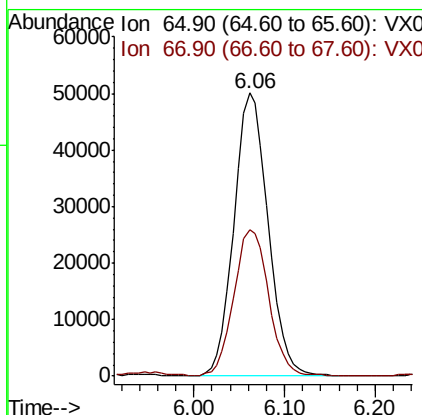
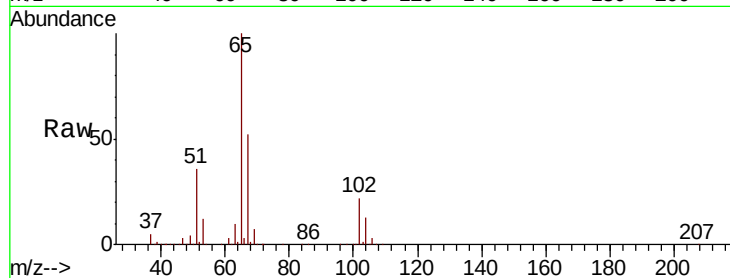




#33
 1,2-Dichloroethane-d4
 Concen: 55.946 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010863.D
 Acq: 13 Jul 2019 02:09

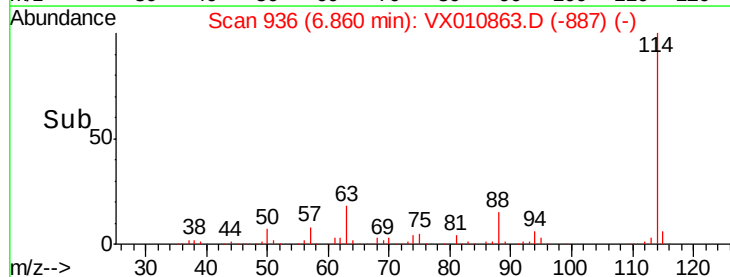
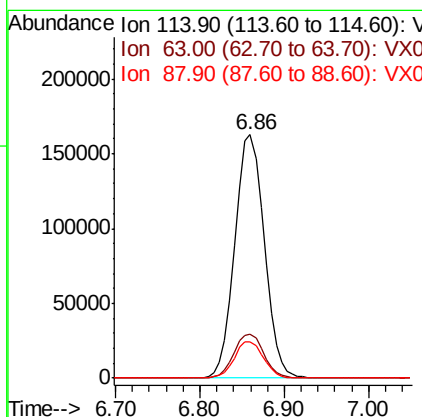
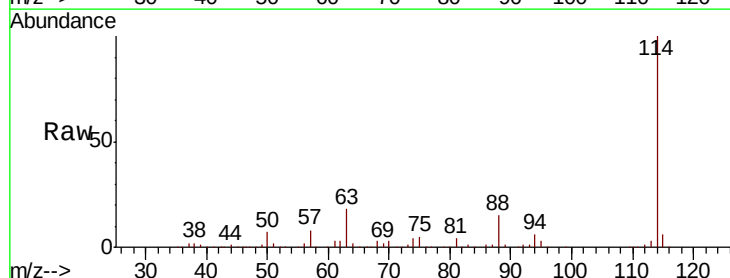
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0596

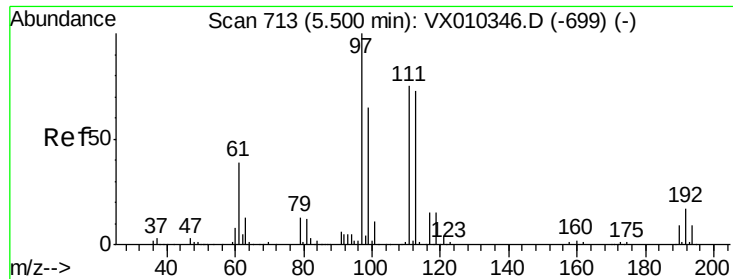
Tot Ion: 65 Resp: 130075
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010863.D
 Acq: 13 Jul 2019 02:09

Tgt Ion: 114 Resp: 385227
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 33.8
 88 14.9 0.0 27.6

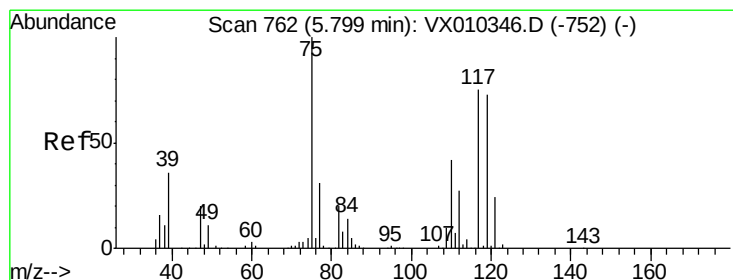
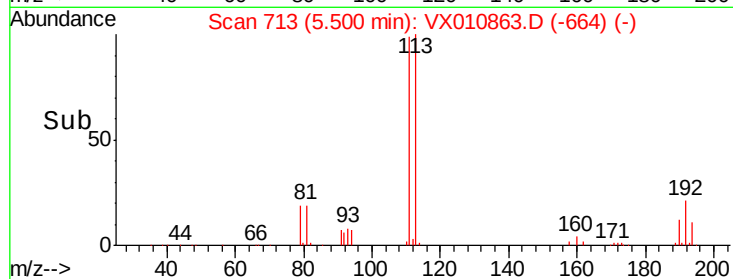
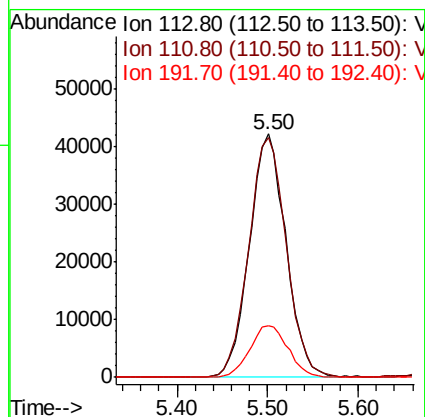
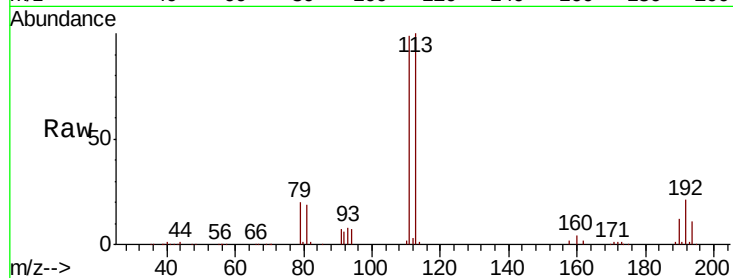




#35
 Dibromofluoromethane
 Concen: 49.988 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010863.D
 Acq: 13 Jul 2019 02:09

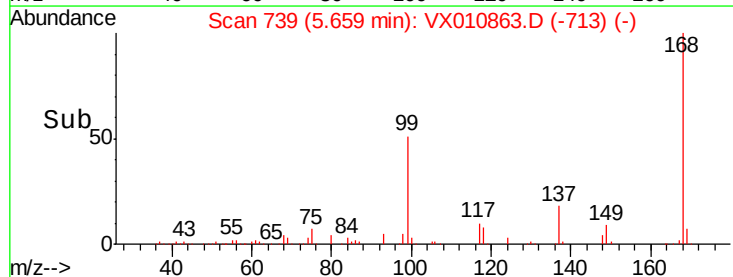
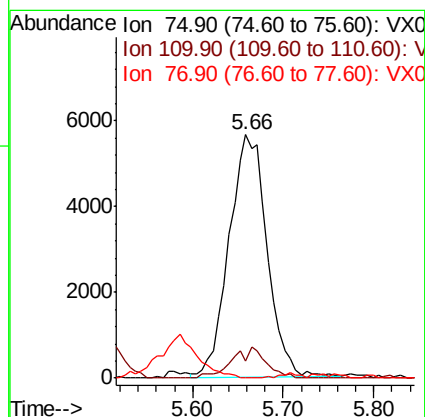
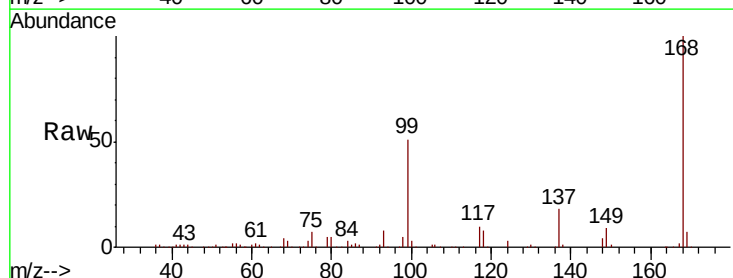
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0596

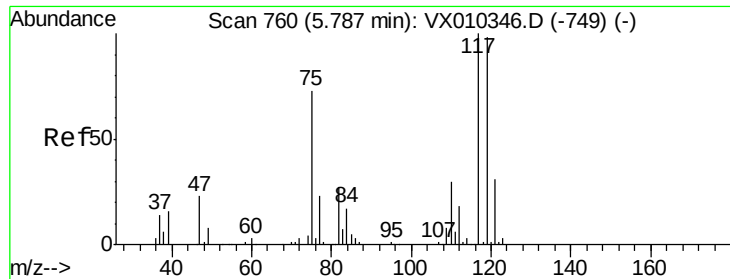
Tot Ion:113 Resp: 117820
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.2 121.8
 192 22.2 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 5.350 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010863.D
 Acq: 13 Jul 2019 02:09

Tgt Ion: 75 Resp: 16377
 Ion Ratio Lower Upper
 75 100
 110 5.7 20.8 62.2#
 77 0.0 25.4 38.0#

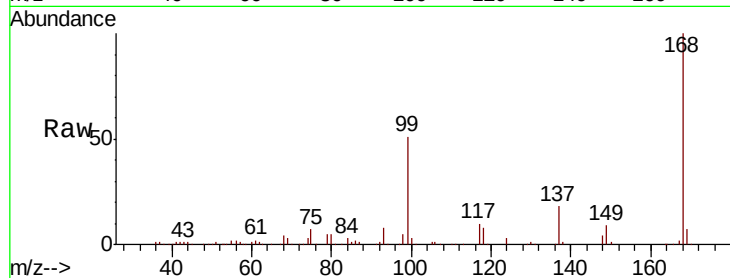




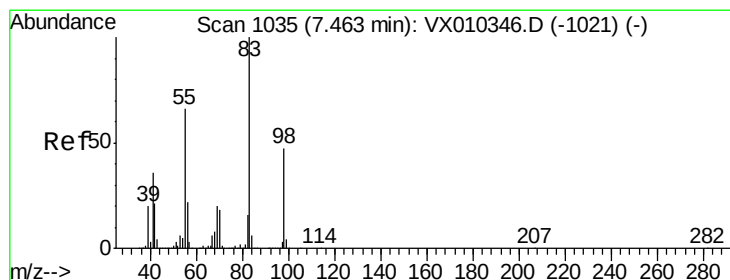
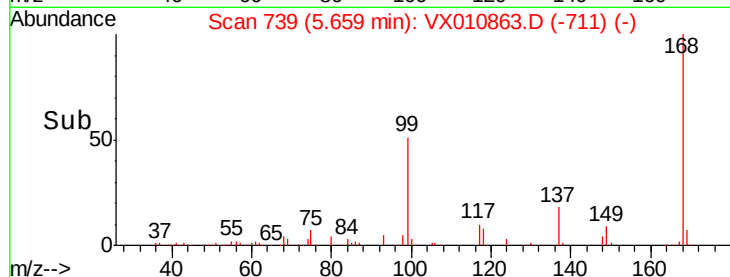
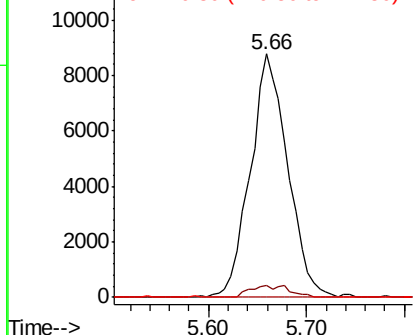
#38
Carbon Tetrachloride
Concen: 7.038 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX010863.D
Acq: 13 Jul 2019 02:09

Instrument :
MSVOA_X
ClientSampleId :
FL-0596

Tot Ion:117 Resp: 23329
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.4#
121 0.0 24.7 37.1#

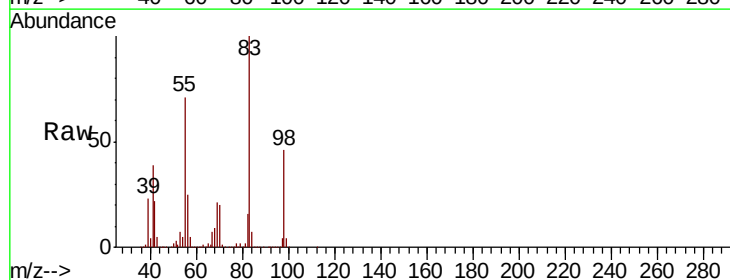


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

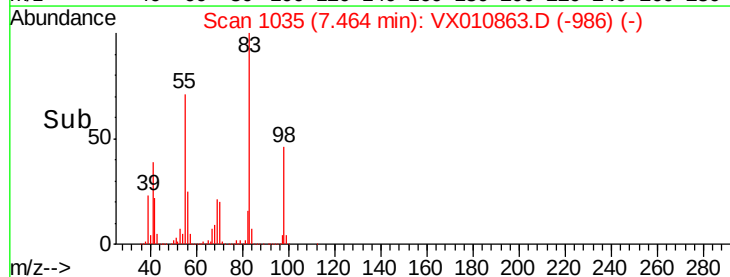
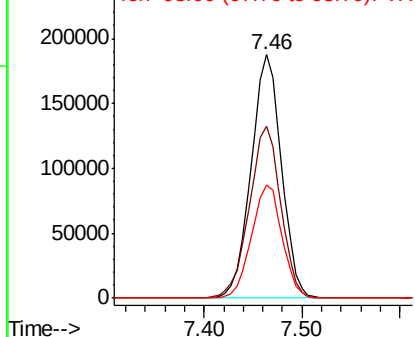


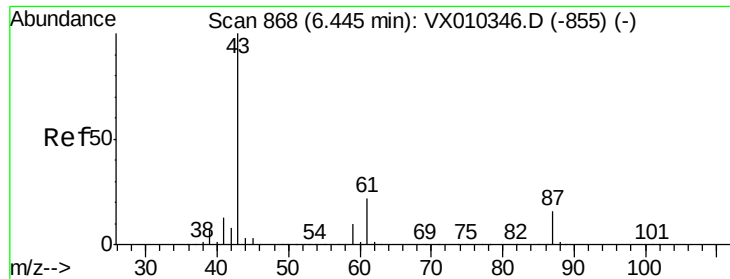
#39
Methylcyclohexane
Concen: 99.826 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010863.D
Acq: 13 Jul 2019 02:09

Tgt Ion: 83 Resp: 401690
Ion Ratio Lower Upper
83 100
55 70.6 53.0 79.6
98 46.4 37.8 56.8



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: 0.918 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX010863.D

Acq: 13 Jul 2019 02:09

Instrument :

MSVOA_X

ClientSampleId :

FL-0596

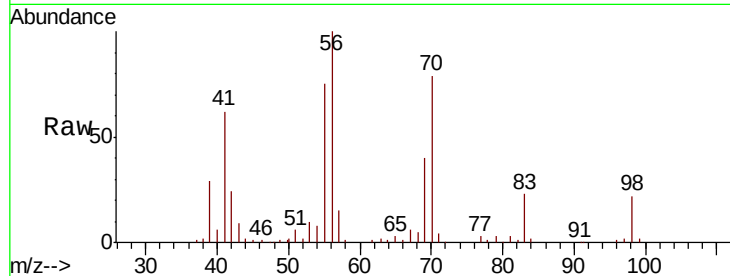
Tot Ion: 43 Resp: 4785

Ion Ratio Lower Upper

43 100

61 2.4 17.8 26.6#

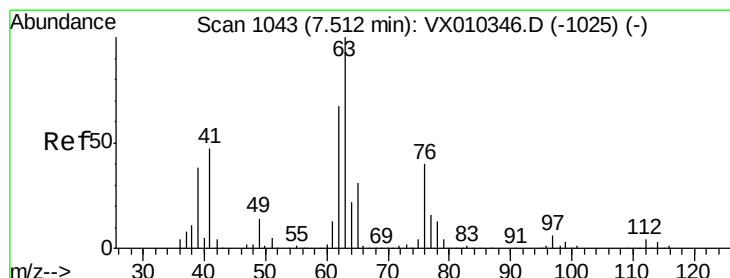
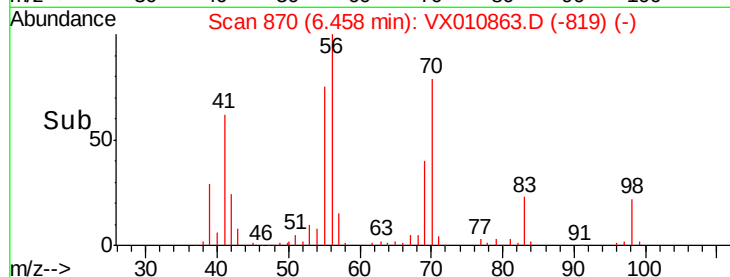
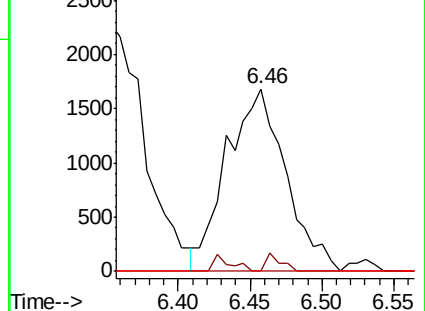
87 0.0 13.0 19.4#



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: 1.671 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.05 min

Lab File: VX010863.D

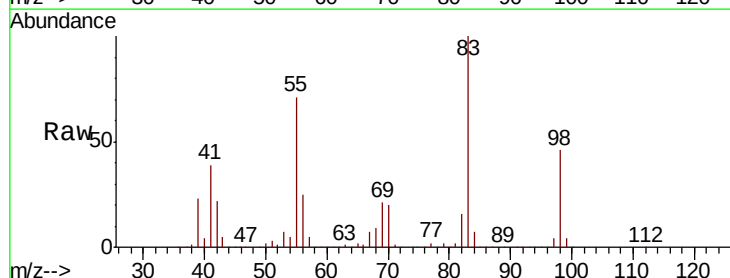
Acq: 13 Jul 2019 02:09

Tgt Ion: 63 Resp: 4024

Ion Ratio Lower Upper

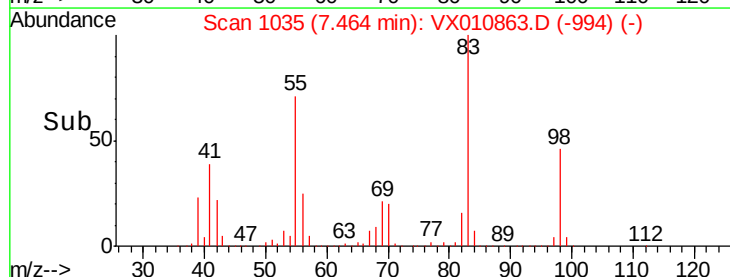
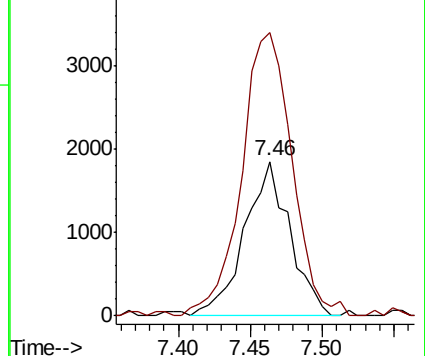
63 100

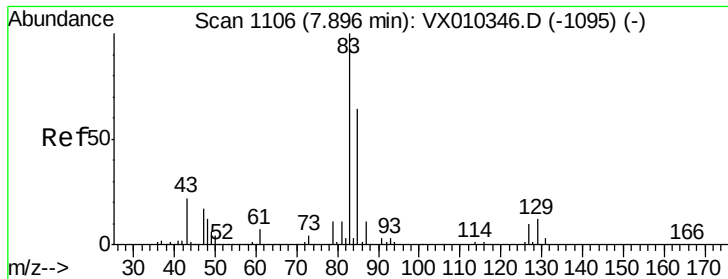
65 178.0 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#47

Bromodichloromethane

Concen: 0.447 ug/l

RT: 7.85 min Scan# 1098

Delta R.T. -0.05 min

Lab File: VX010863.D

Acq: 13 Jul 2019 02:09

Instrument :

MSVOA_X

ClientSampleId :

FL-0596

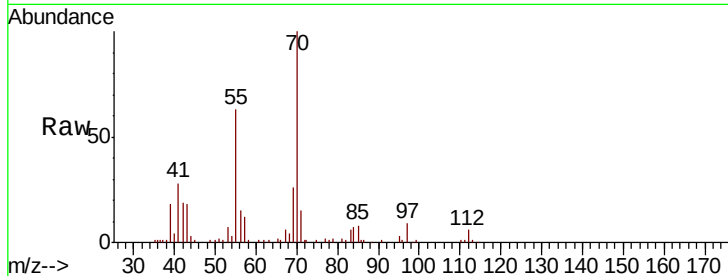
Tot Ion: 83 Resp: 1417

Ion Ratio Lower Upper

83 100

85 136.0 51.5 77.3#

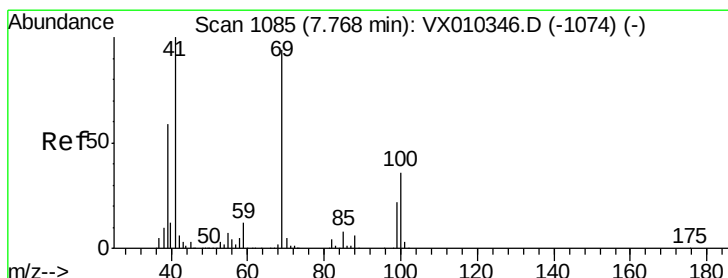
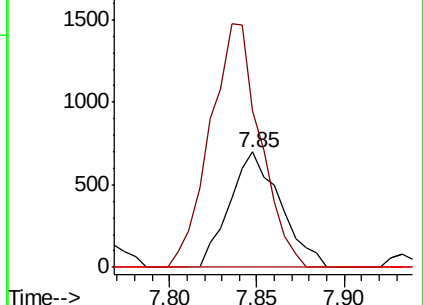
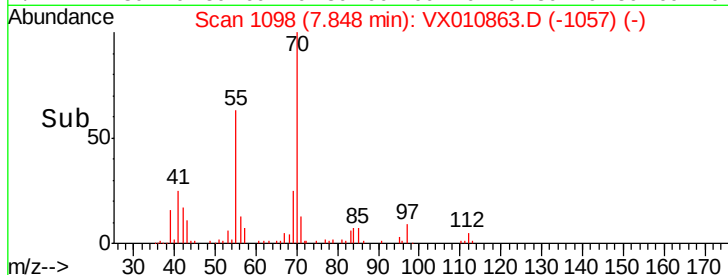
127 0.0 7.8 11.8#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 7.474 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX010863.D

Acq: 13 Jul 2019 02:09

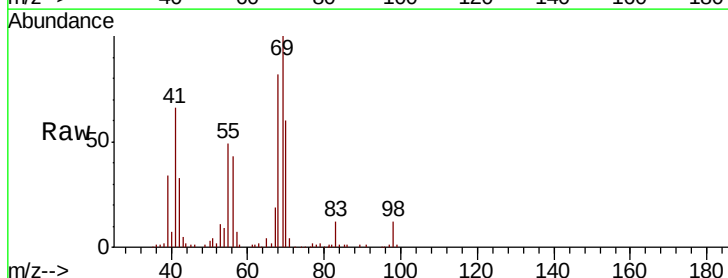
Tgt Ion: 41 Resp: 18100

Ion Ratio Lower Upper

41 100

69 159.9 76.1 114.1#

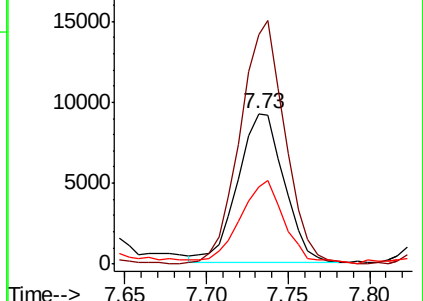
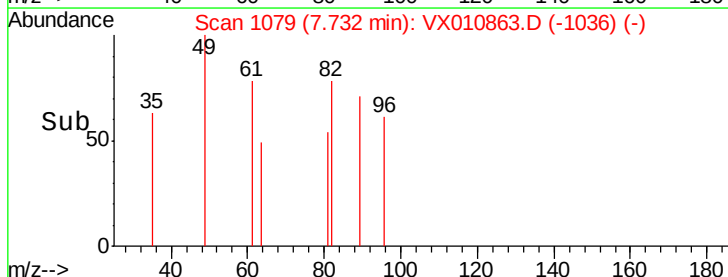
39 55.6 47.6 71.4

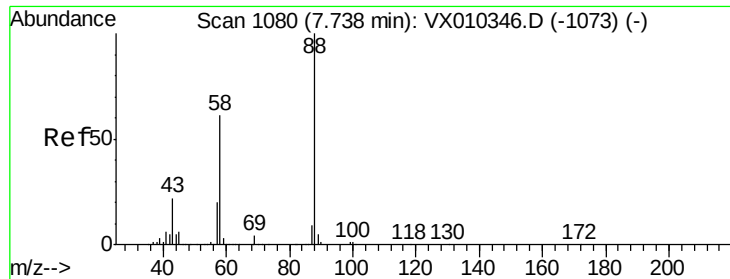


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

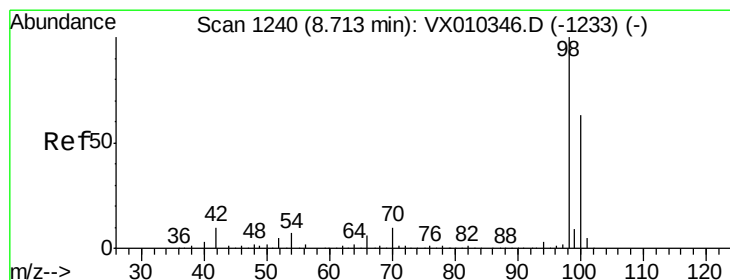
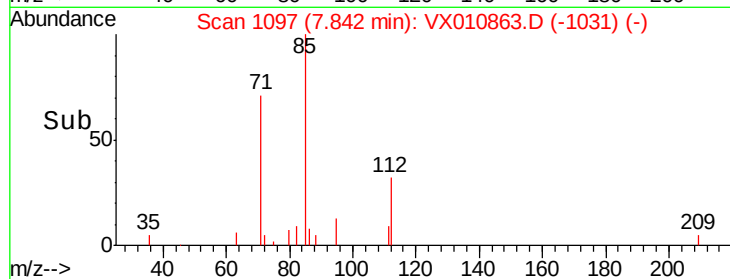
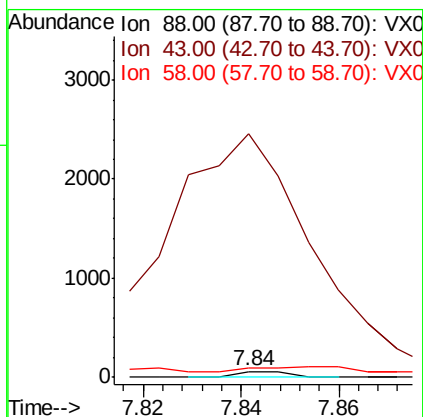
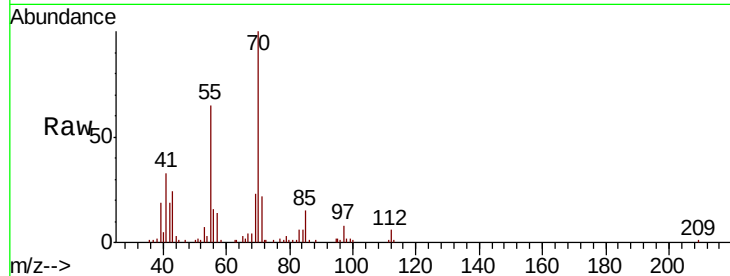




#49
1,4-Dioxane
Concen: 0.588 ug/l
RT: 7.84 min Scan# 1097
Delta R.T. 0.10 min
Lab File: VX010863.D
Acq: 13 Jul 2019 02:09

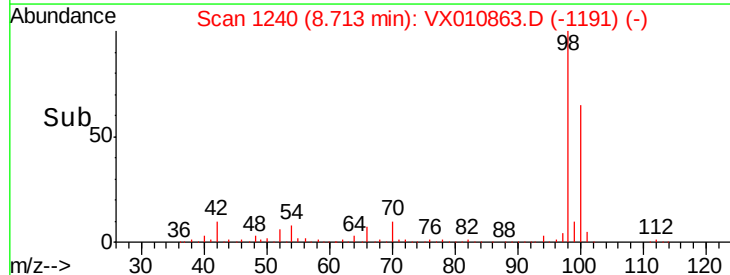
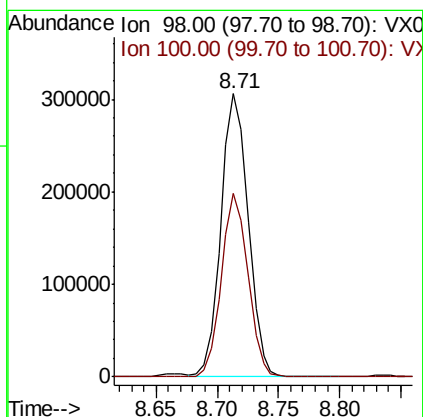
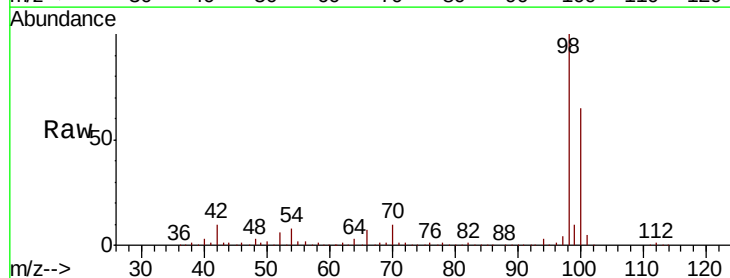
Instrument :
MSVOA_X
ClientSampleId :
FL-0596

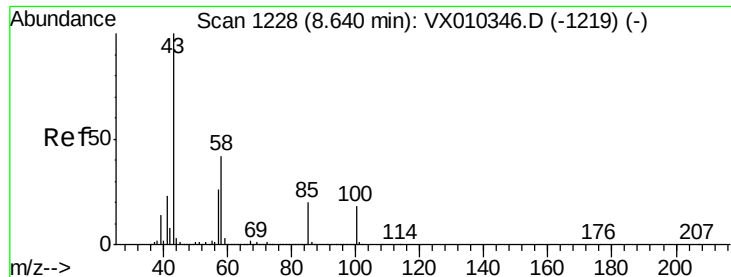
Tot Ion: 88 Resp: 41
Ion Ratio Lower Upper
88 100
43 13346.3 20.2 30.2#
58 322.0 49.5 74.3#



#50
Toluene-d8
Concen: 52.488 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010863.D
Acq: 13 Jul 2019 02:09

Tgt Ion: 98 Resp: 473302
Ion Ratio Lower Upper
98 100
100 63.4 51.6 77.4

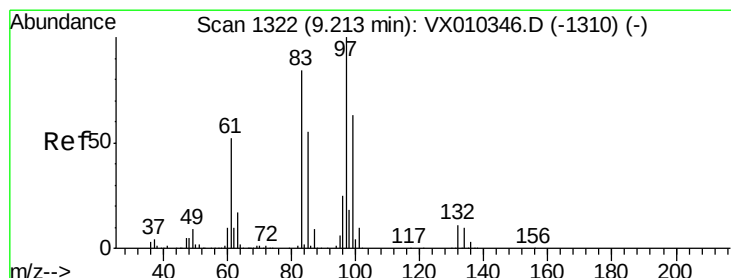
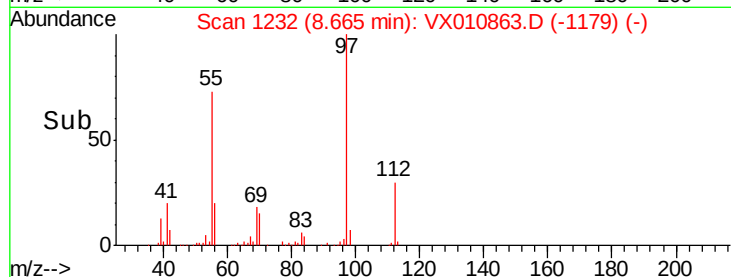
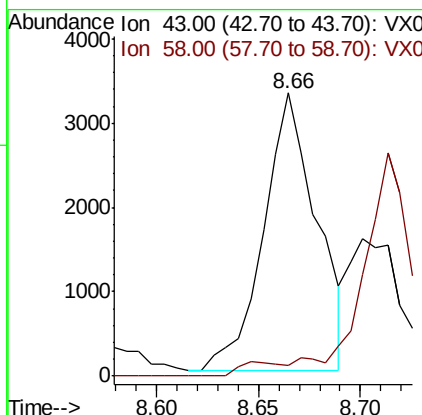
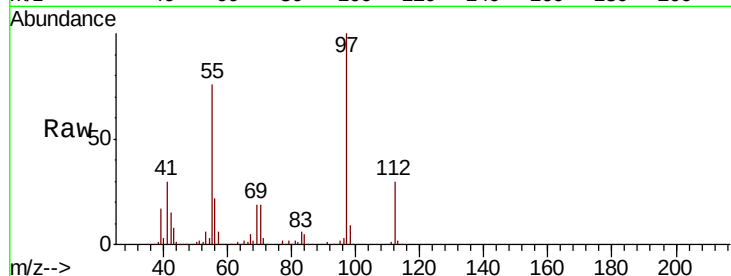




#51
 4-Methyl-2-Pentanone
 Concen: 1.785 ug/l
 RT: 8.66 min Scan# 1232
 Delta R.T. 0.02 min
 Lab File: VX010863.D
 Acq: 13 Jul 2019 02:09

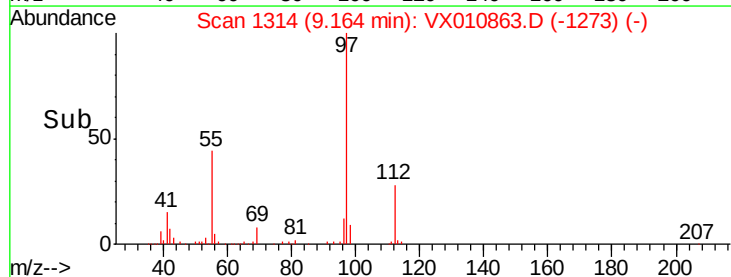
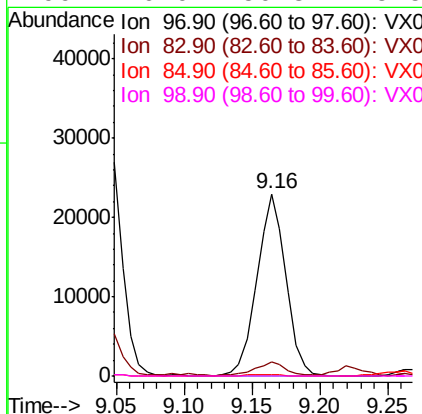
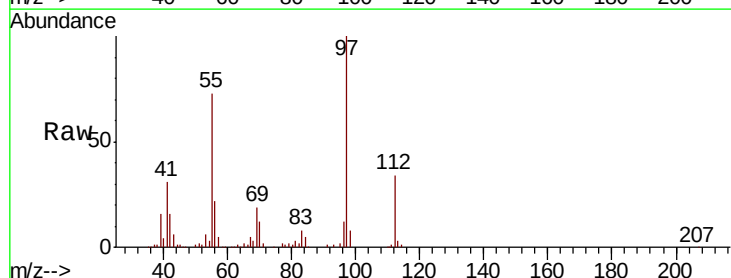
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0596

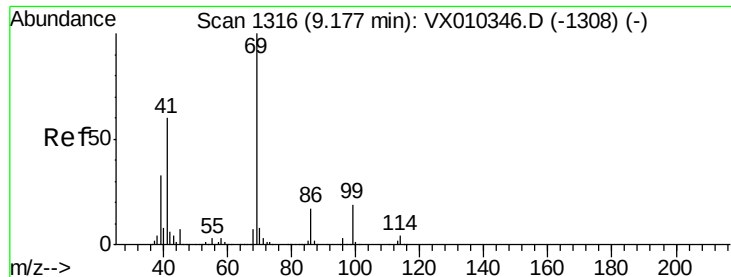
Tot Ion: 43 Resp: 5947
 Ion Ratio Lower Upper
 43 100
 58 4.4 33.5 50.3#



#55
 1,1,2-Trichloroethane
 Concen: 13.242 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX010863.D
 Acq: 13 Jul 2019 02:09

Tgt Ion: 97 Resp: 34300
 Ion Ratio Lower Upper
 97 100
 83 6.6 67.4 101.0#
 85 0.4 43.8 65.8#
 99 0.0 50.3 75.5#





#56

Ethyl methacrylate

Concen: 1.834 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX010863.D

Acq: 13 Jul 2019 02:09

Instrument :

MSVOA_X

ClientSampleId :

FL-0596

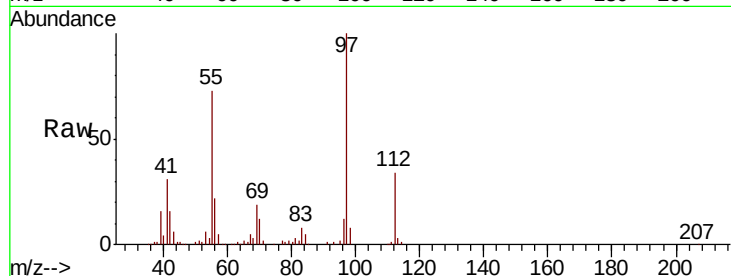
Tot Ion: 69 Resp: 7198

Ion Ratio Lower Upper

69 100

41 158.9 47.1 70.7#

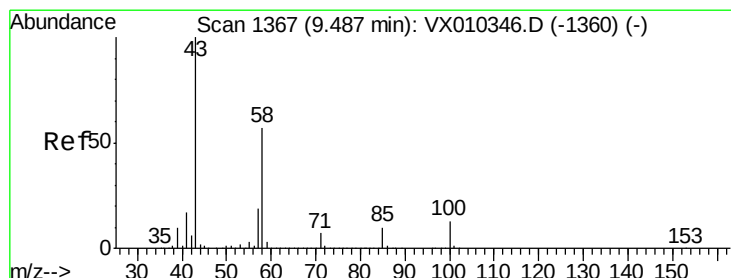
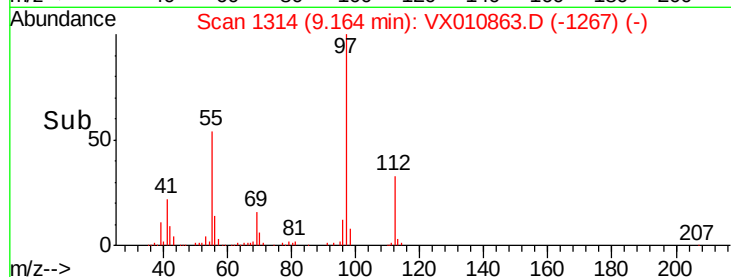
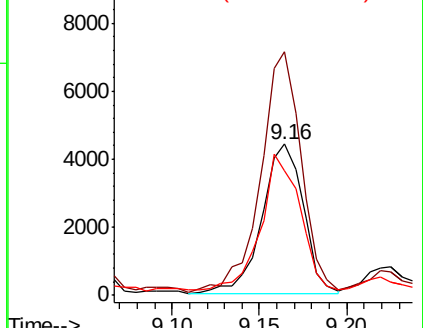
39 87.3 26.6 40.0#



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



#59

2-Hexanone

Concen: 2.165 ug/l

RT: 9.44 min Scan# 1360

Delta R.T. -0.04 min

Lab File: VX010863.D

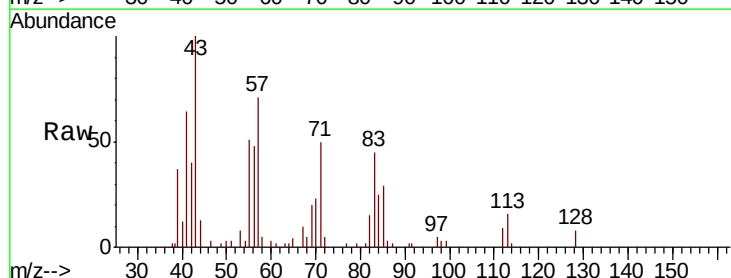
Acq: 13 Jul 2019 02:09

Tgt Ion: 43 Resp: 5678

Ion Ratio Lower Upper

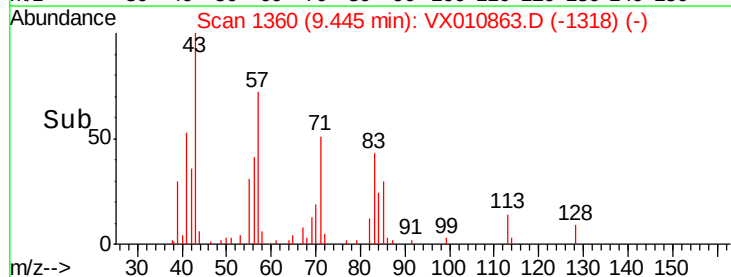
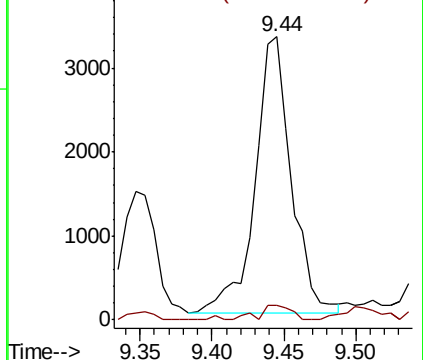
43 100

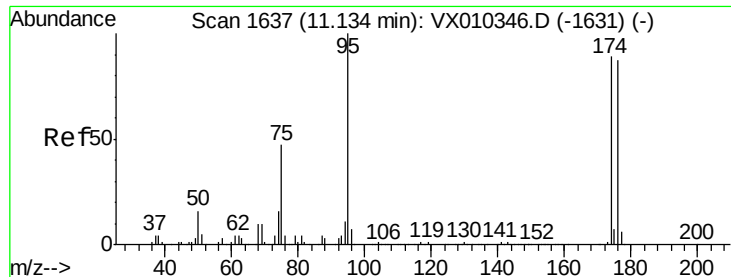
58 4.8 29.0 87.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

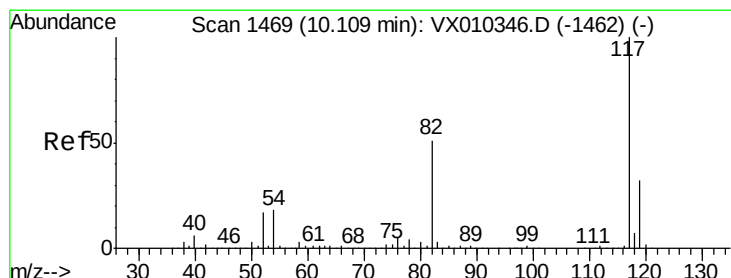
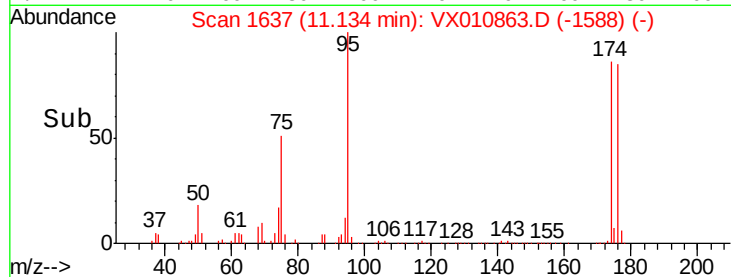
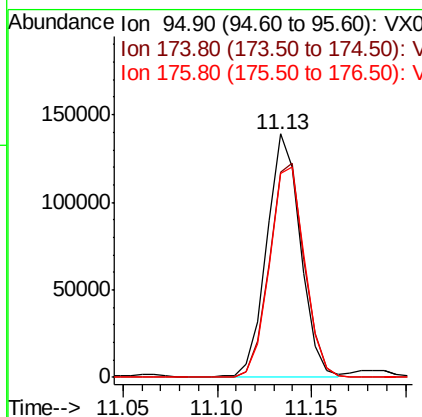
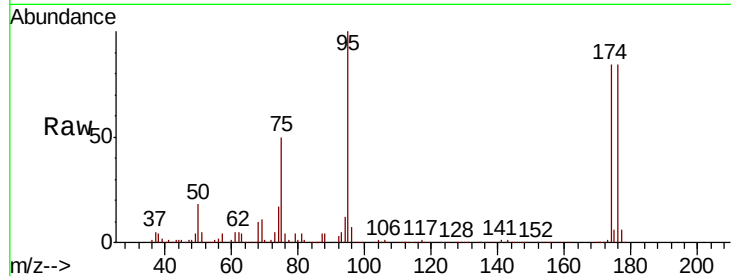




#62
4-Bromofluorobenzene
Concen: 52.882 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010863.D
Acq: 13 Jul 2019 02:09

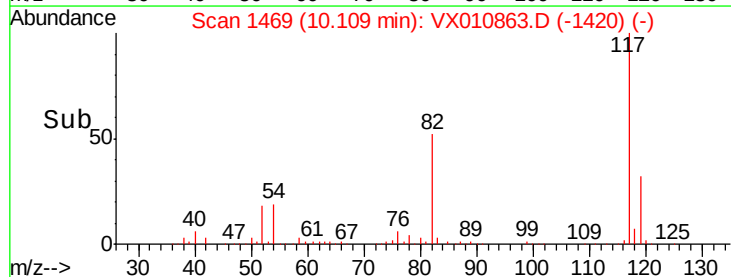
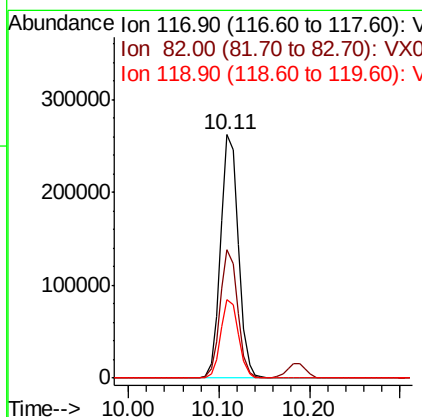
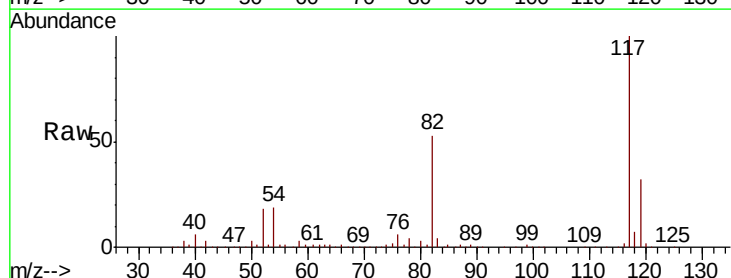
Instrument :
MSVOA_X
ClientSampleId :
FL-0596

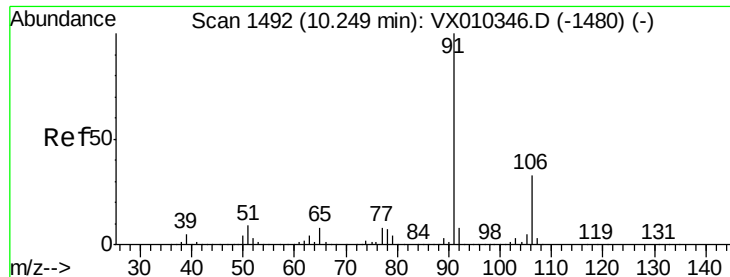
Tot Ion	Ratio	Lower	Upper
95	100		
174	91.3	0.0	187.6
176	90.3	0.0	184.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010863.D
Acq: 13 Jul 2019 02:09

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.4	41.2	61.8
119	32.2	25.5	38.3





#67

Ethyl Benzene

Concen: 18.333 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010863.D

Acq: 13 Jul 2019 02:09

Instrument :

MSVOA_X

ClientSampled :

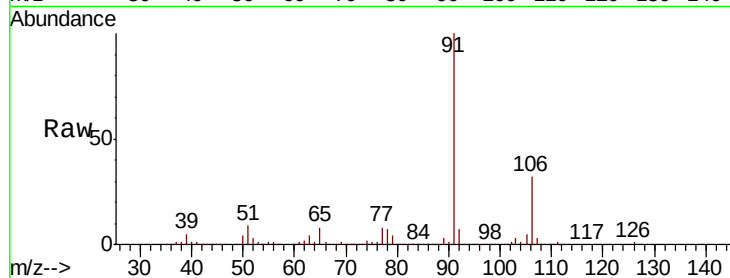
FL-0596

Tot Ion: 91 Resp: 225614

Ion Ratio Lower Upper

91 100

106 31.6 26.2 39.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

300000

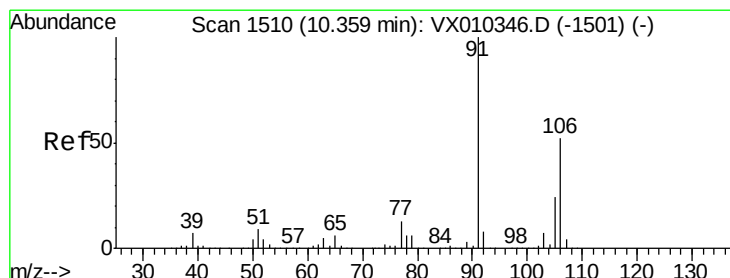
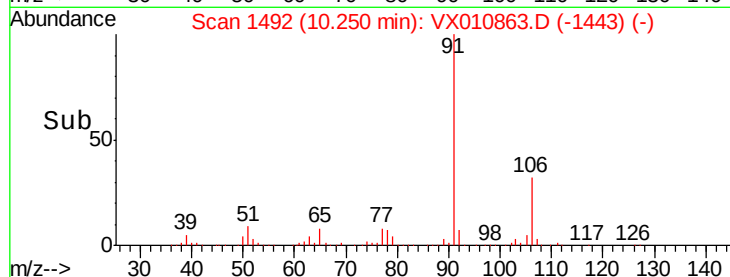
200000

100000

0

10.20 10.25 10.30

Time-->



#68

m/p-Xylenes

Concen: 45.470 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX010863.D

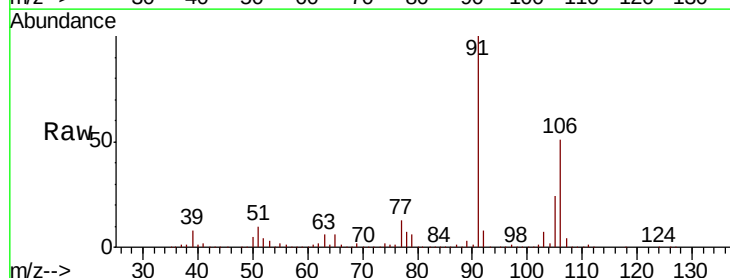
Acq: 13 Jul 2019 02:09

Tgt Ion: 106 Resp: 216817

Ion Ratio Lower Upper

106 100

91 197.1 155.3 232.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

300000

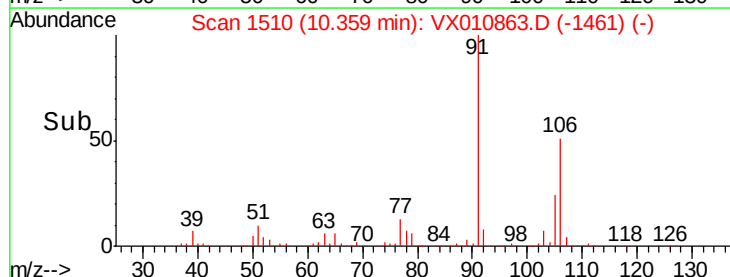
200000

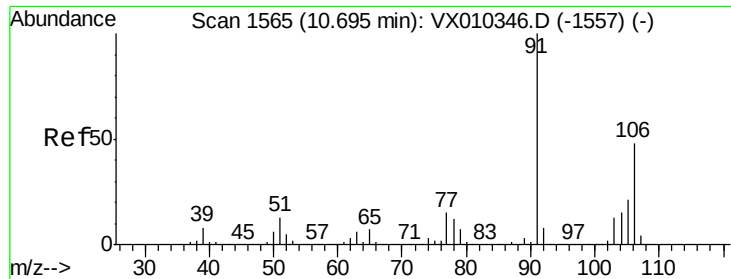
100000

0

10.30 10.40

Time-->

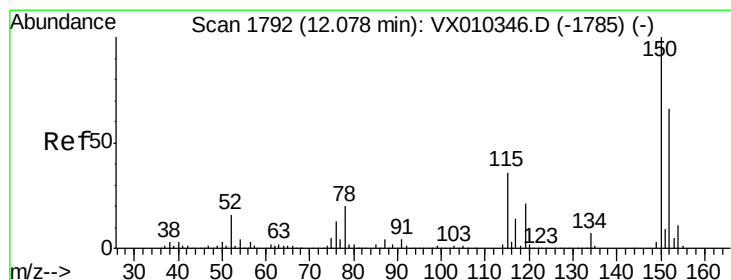
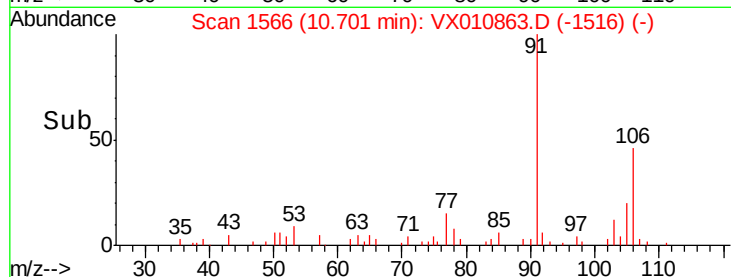
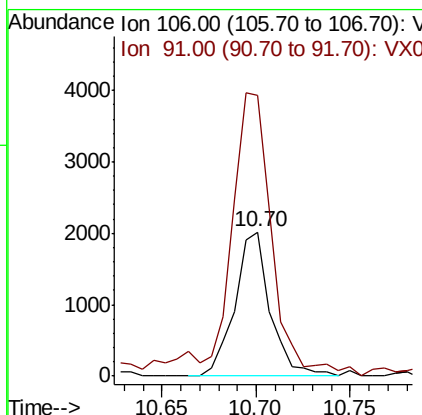
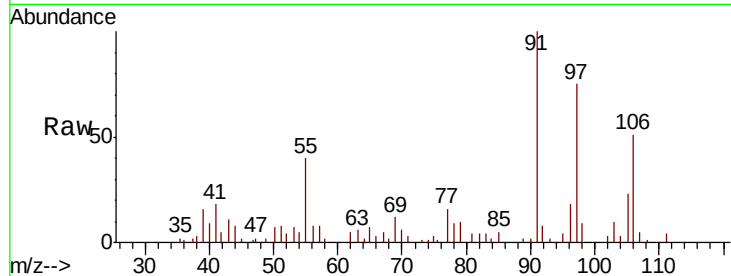




#69
o-Xylene
Concen: 0.560 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010863.D
Acq: 13 Jul 2019 02:09

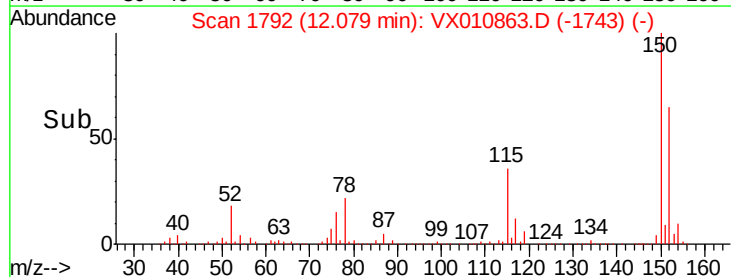
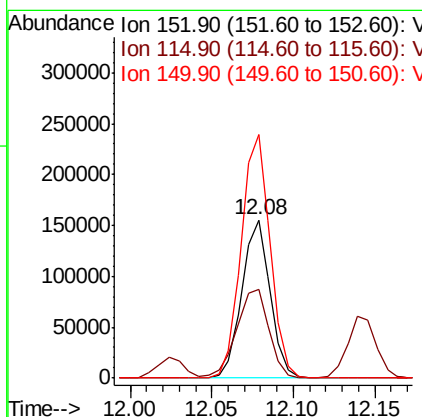
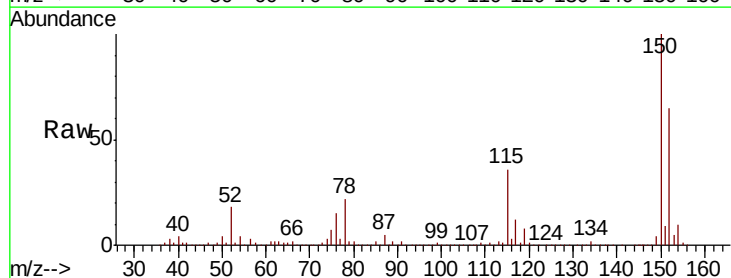
Instrument :
MSVOA_X
ClientSampled :
FL-0596

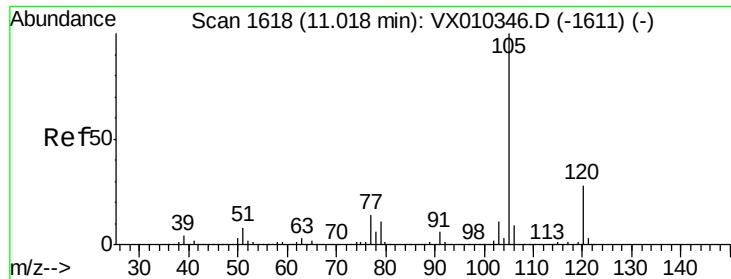
Tot Ion:106 Resp: 2628
Ion Ratio Lower Upper
106 100
91 235.4 102.7 308.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010863.D
Acq: 13 Jul 2019 02:09

Tgt Ion:152 Resp: 187487
Ion Ratio Lower Upper
152 100
115 63.9 38.6 115.7
150 157.8 0.0 347.4





#73

Isopropylbenzene

Concen: 30.383 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010863.D

Acq: 13 Jul 2019 02:09

Instrument :

MSVOA_X

ClientSampleId :

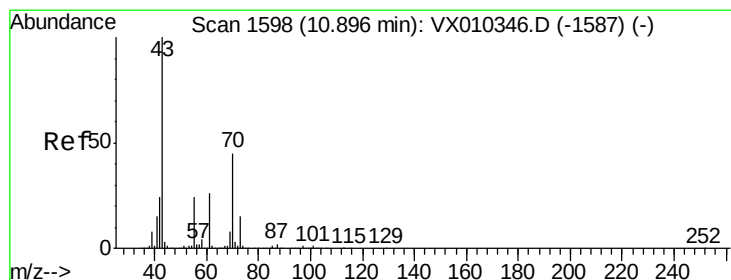
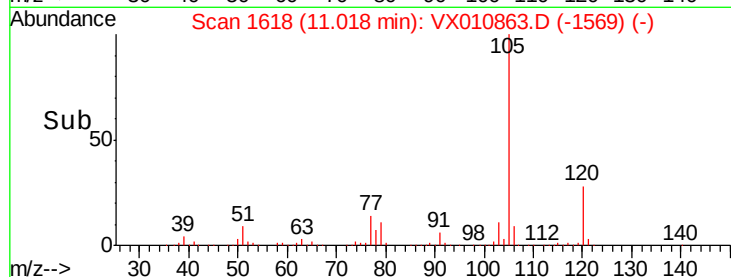
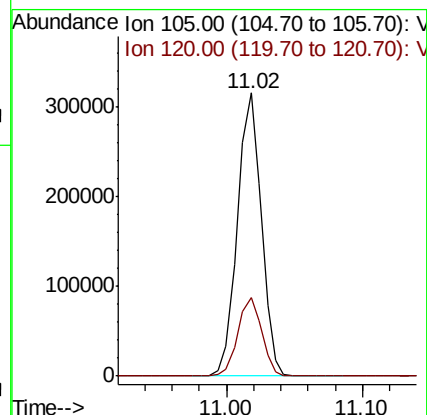
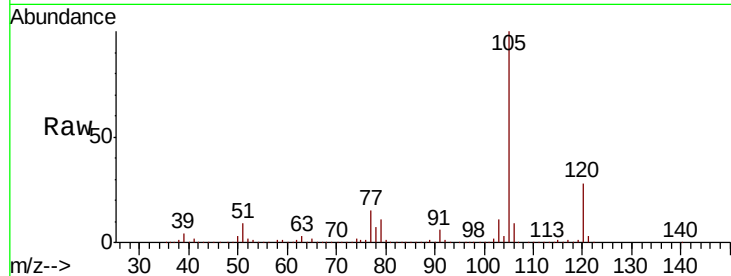
FL-0596

Tot Ion:105 Resp: 386143

Ion Ratio Lower Upper

105 100

120 27.6 14.1 42.4



#74

N-ethyl acetate

Concen: 0.376 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.02 min

Lab File: VX010863.D

Acq: 13 Jul 2019 02:09

Tgt Ion: 43 Resp: 1806

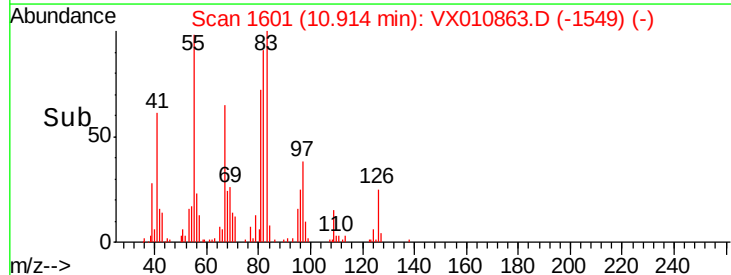
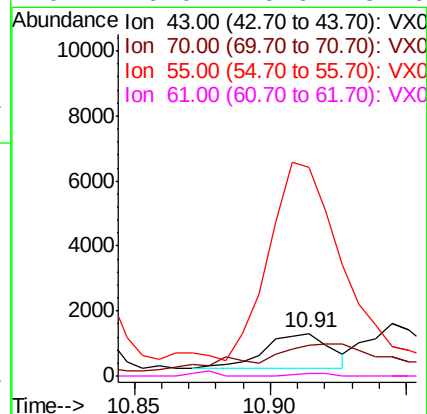
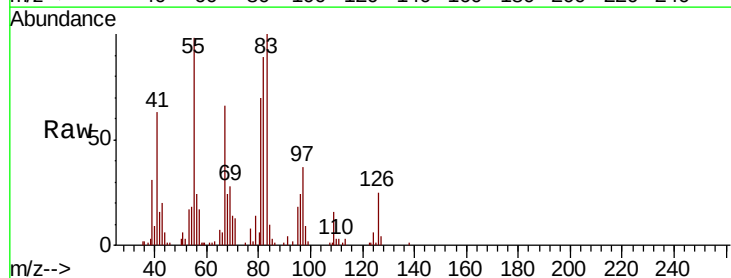
Ion Ratio Lower Upper

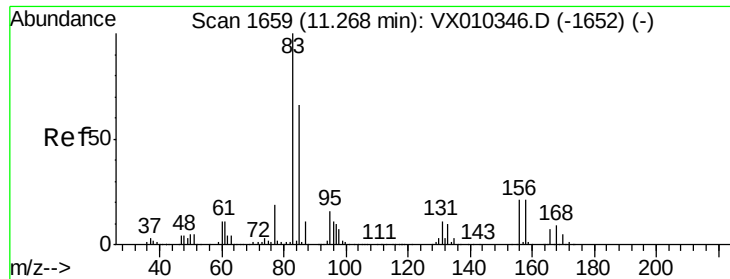
43 100

70 161.4 36.6 54.8#

55 653.8 18.7 28.1#

61 0.0 20.6 31.0#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.683 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX010863.D

Acq: 13 Jul 2019 02:09

Instrument :

MSVOA_X

ClientSampled :

FL-0596

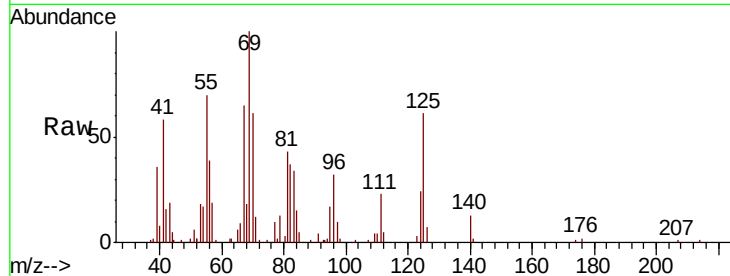
Tot Ion: 83 Resp: 2875

Ion Ratio Lower Upper

83 100

131 0.8 5.5 16.4#

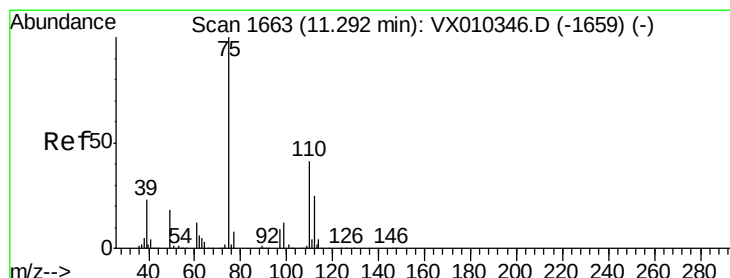
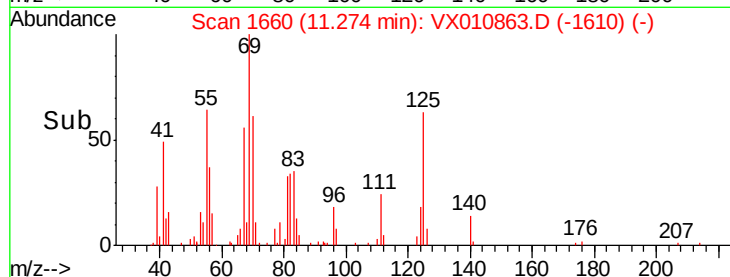
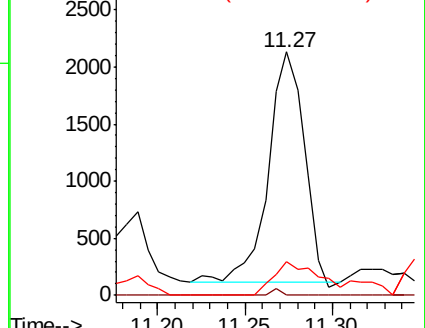
85 18.1 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.354 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.07 min

Lab File: VX010863.D

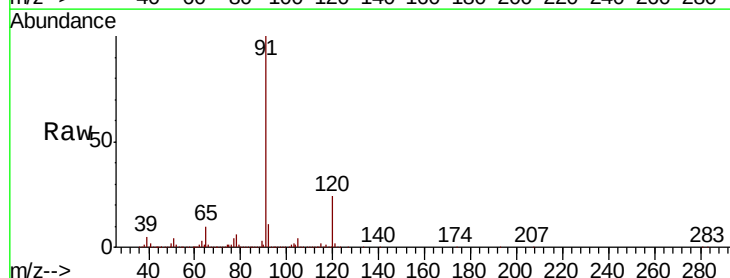
Acq: 13 Jul 2019 02:09

Tgt Ion: 75 Resp: 4627

Ion Ratio Lower Upper

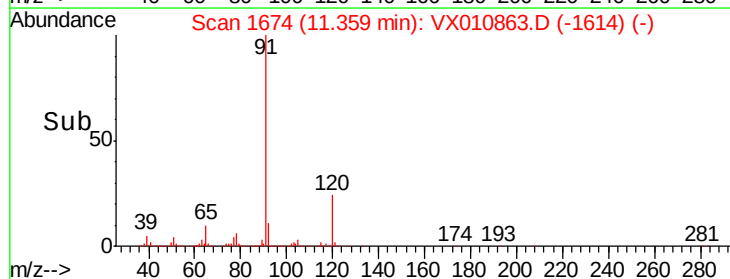
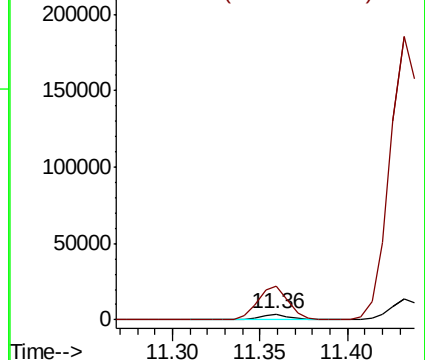
75 100

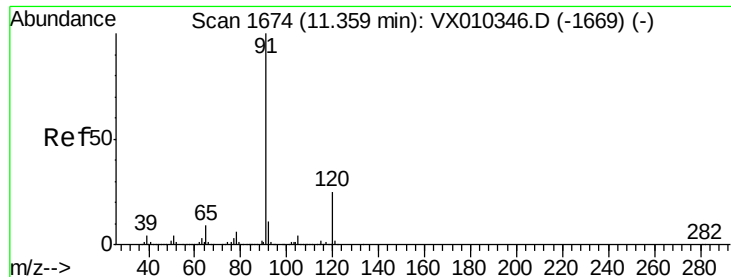
77 586.2 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 51.227 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010863.D

Acq: 13 Jul 2019 02:09

Instrument :

MSVOA_X

ClientSampleId :

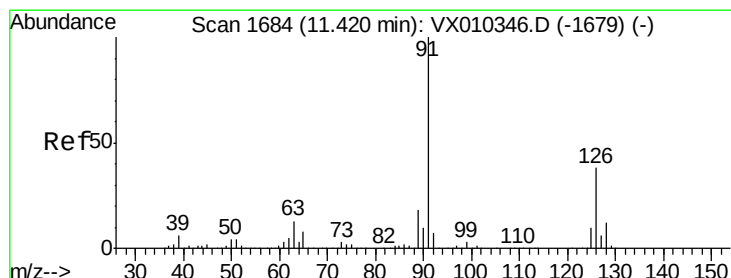
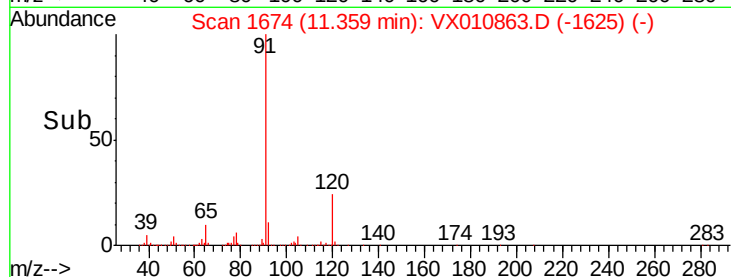
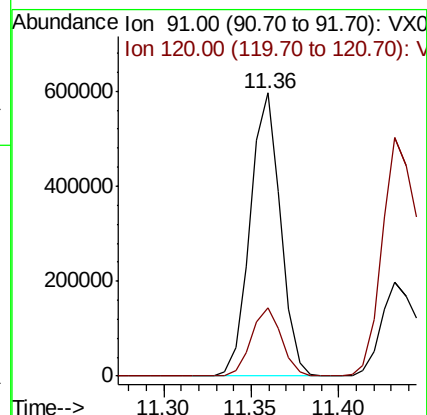
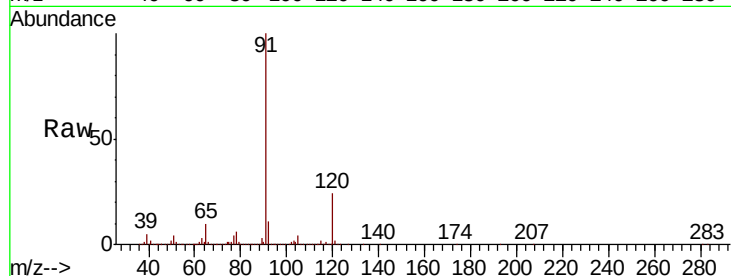
FL-0596

Tot Ion: 91 Resp: 715539

Ion Ratio Lower Upper

91 100

120 24.0 12.4 37.4



#79

2-Chlorotoluene

Concen: 44.545 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX010863.D

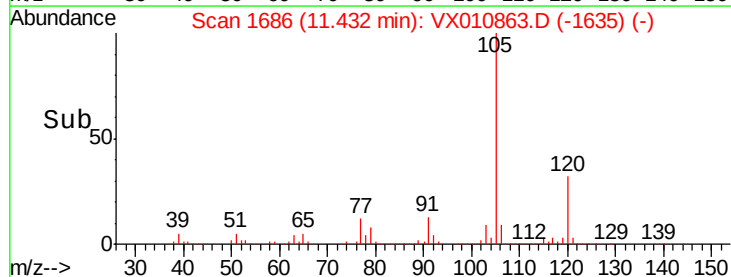
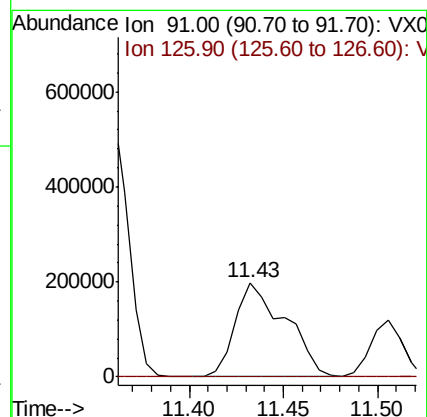
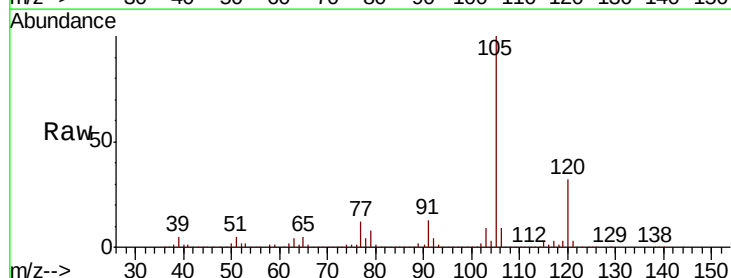
Acq: 13 Jul 2019 02:09

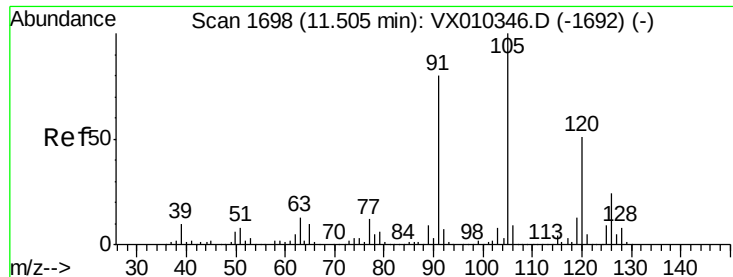
Tgt Ion: 91 Resp: 370507

Ion Ratio Lower Upper

91 100

126 0.0 18.7 56.1#

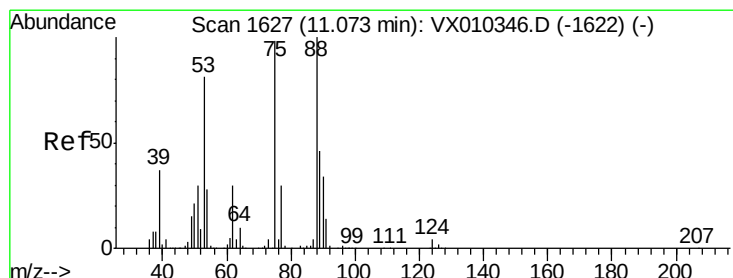
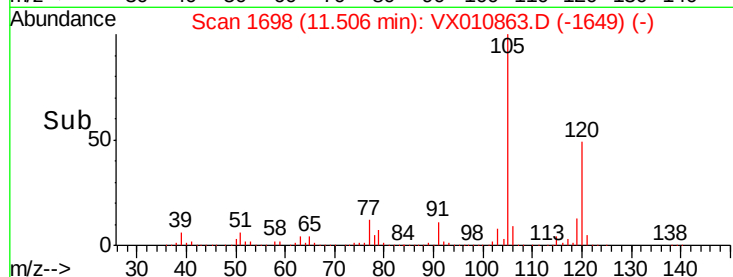
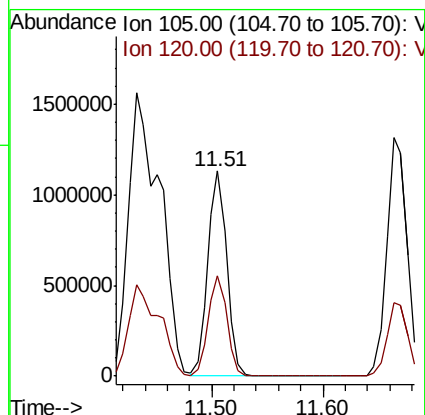
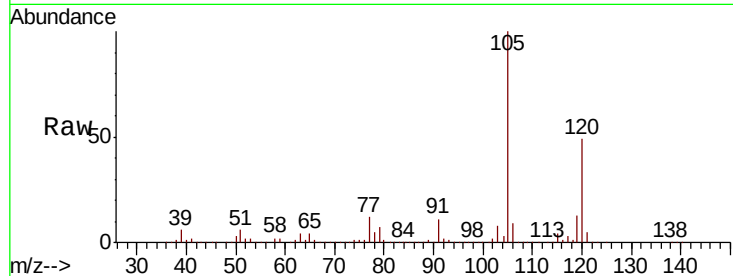




#80
 1,3,5-Trimethylbenzene
 Concen: 127.582 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010863.D
 Acq: 13 Jul 2019 02:09

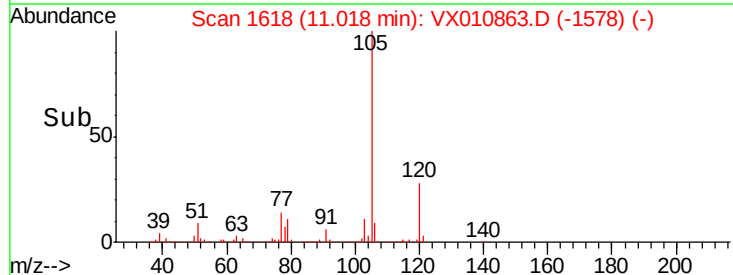
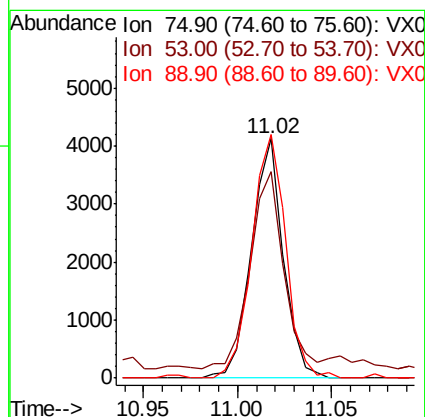
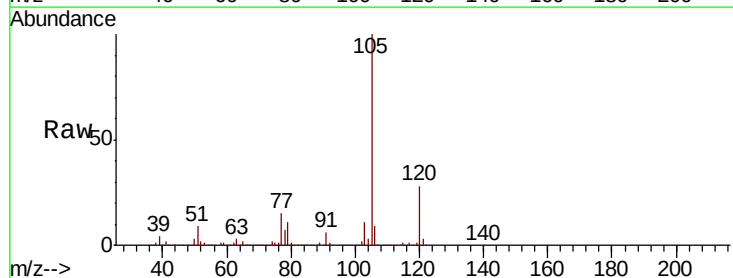
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0596

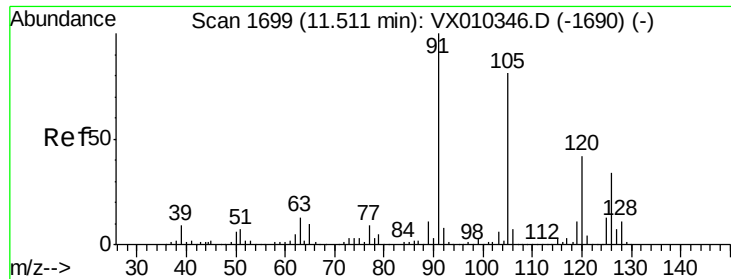
Tot Ion:105 Resp: 1336711
 Ion Ratio Lower Upper
 105 100
 120 48.5 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 3.289 ug/l
 RT: 11.02 min Scan# 1618
 Delta R.T. -0.05 min
 Lab File: VX010863.D
 Acq: 13 Jul 2019 02:09

Tgt Ion: 75 Resp: 4816
 Ion Ratio Lower Upper
 75 100
 53 85.9 66.1 99.1
 89 108.3 37.8 56.6#





#82

4-Chlorotoluene

Concen: 15.145 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010863.D

Acq: 13 Jul 2019 02:09

Instrument :

MSVOA_X

ClientSampled :

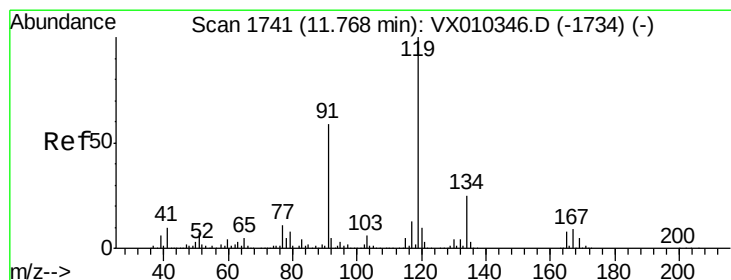
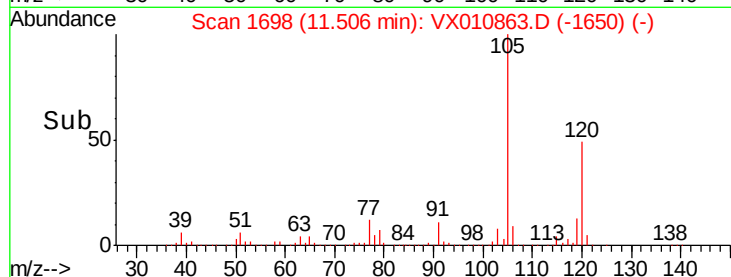
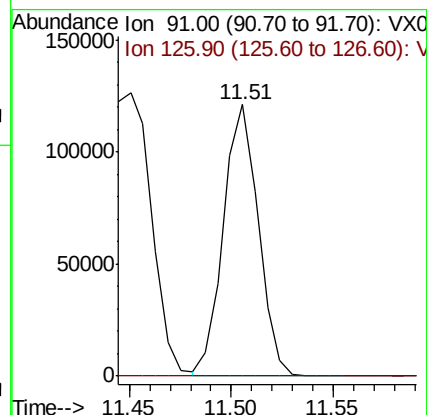
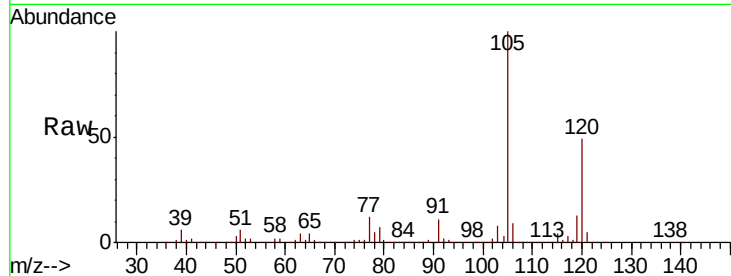
FL-0596

Tot Ion: 91 Resp: 143339

Ion Ratio Lower Upper

91 100

126 0.0 16.2 48.6#



#83

tert-Butylbenzene

Concen: 1.467 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010863.D

Acq: 13 Jul 2019 02:09

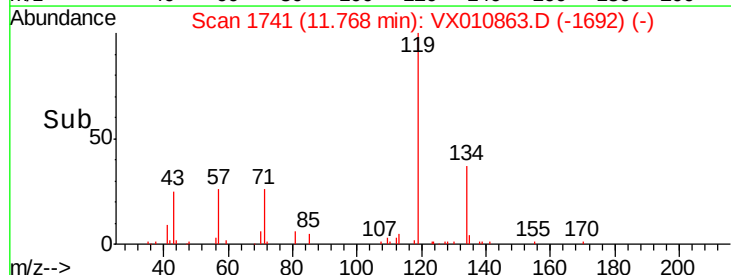
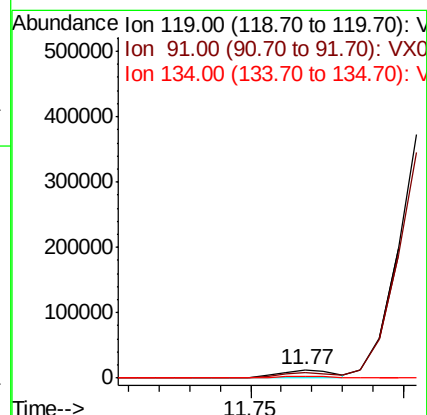
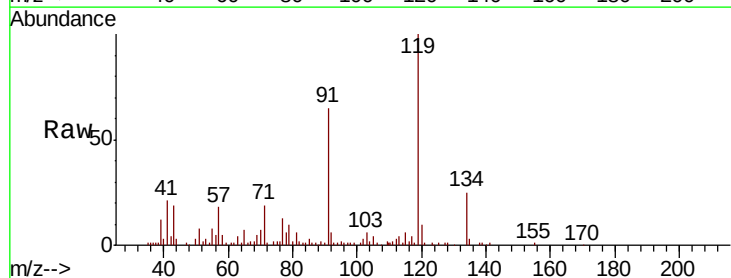
Tgt Ion: 119 Resp: 15428

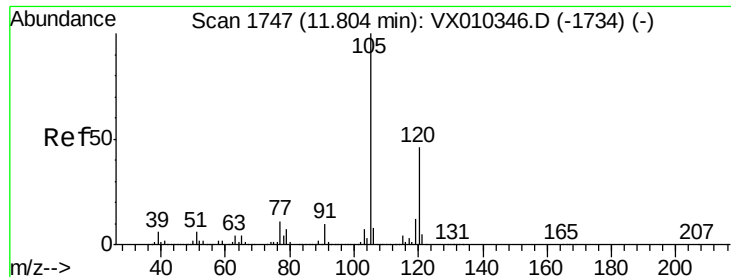
Ion Ratio Lower Upper

119 100

91 0.0 27.6 82.7#

134 26.5 11.8 35.4

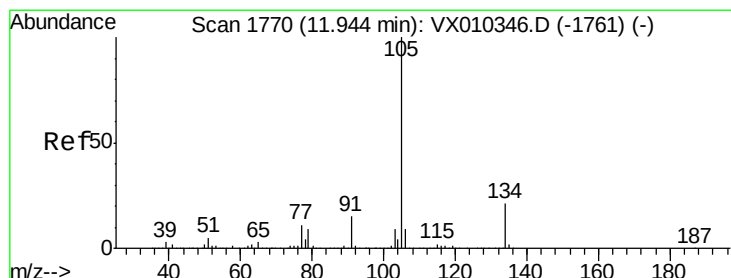
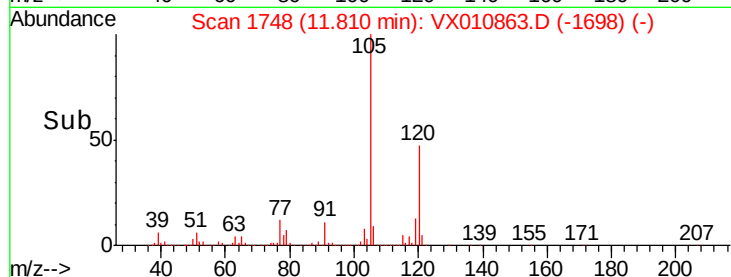
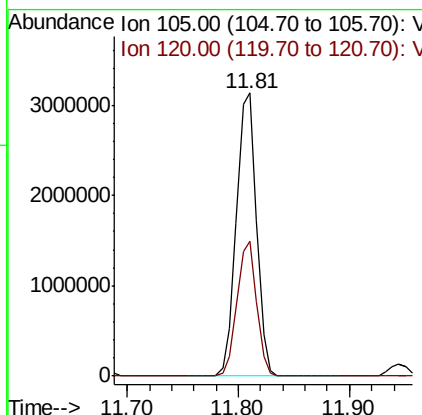
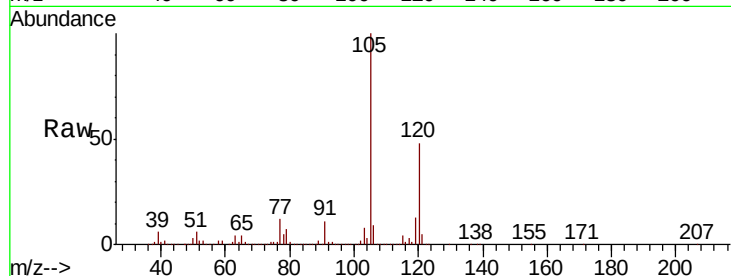




#84
 1,2,4-Trimethylbenzene
 Concen: 372.814 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX010863.D
 Acq: 13 Jul 2019 02:09

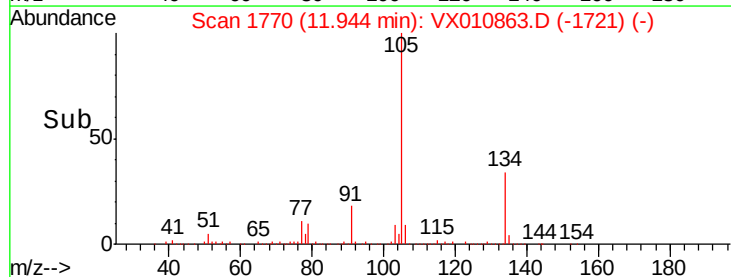
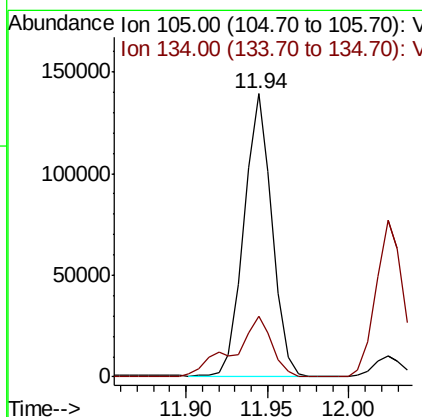
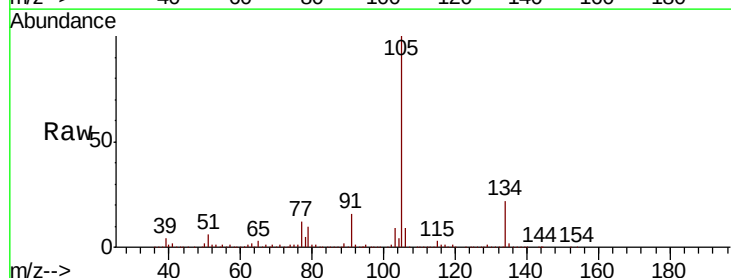
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0596

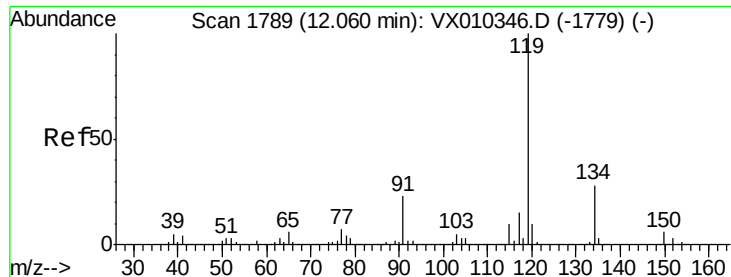
Tot Ion:105 Resp: 3924392
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 13.425 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010863.D
 Acq: 13 Jul 2019 02:09

Tgt Ion:105 Resp: 165757
 Ion Ratio Lower Upper
 105 100
 134 29.6 10.7 31.9

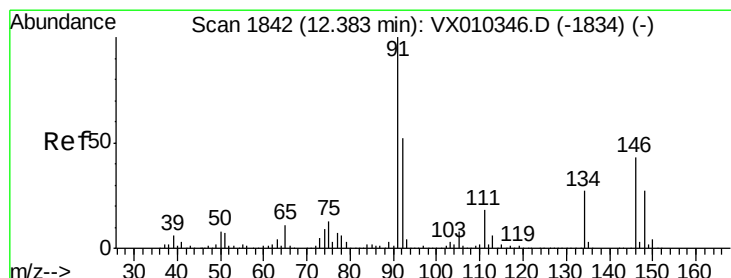
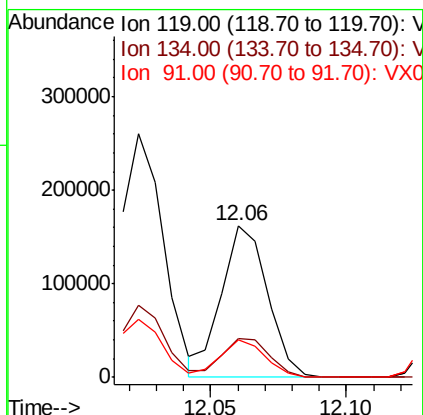
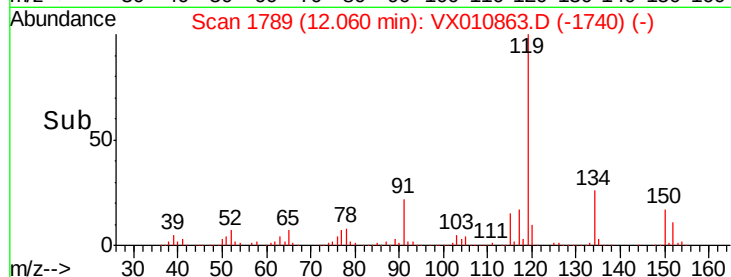
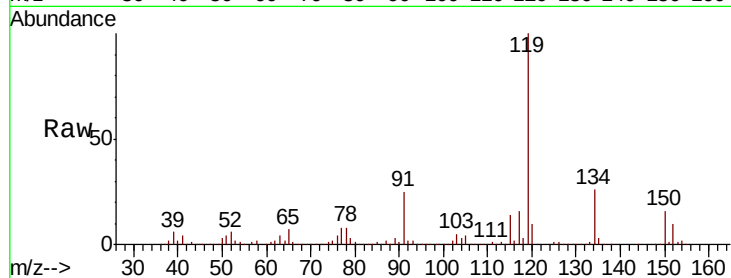




#86
p-Isopropyltoluene
Concen: 16.670 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010863.D
Acq: 13 Jul 2019 02:09

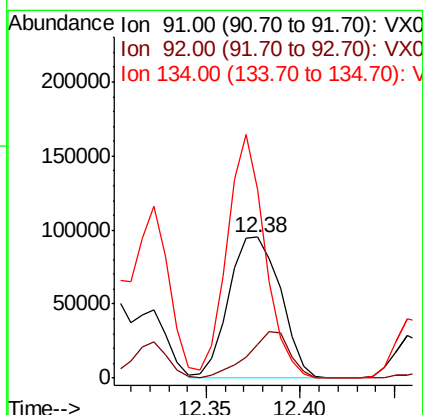
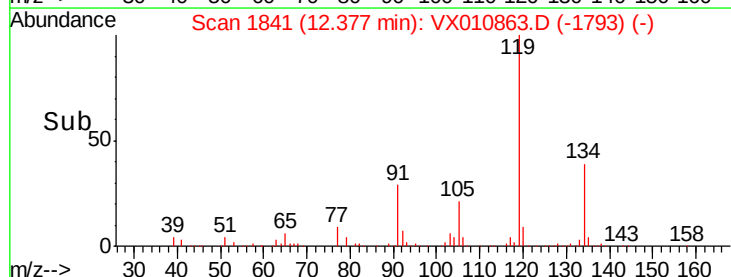
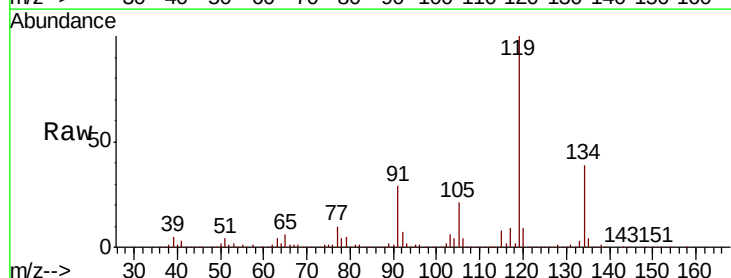
Instrument :
MSVOA_X
ClientSampleId :
FL-0596

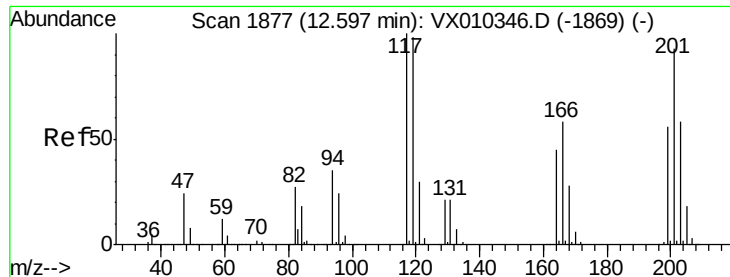
Tot Ion:119 Resp: 190388
Ion Ratio Lower Upper
119 100
134 25.6 13.7 41.1
91 24.1 11.3 33.8



#89
n-Butylbenzene
Concen: 18.589 ug/l
RT: 12.38 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VX010863.D
Acq: 13 Jul 2019 02:09

Tgt Ion: 91 Resp: 180405
Ion Ratio Lower Upper
91 100
92 27.3 26.2 78.5
134 126.4 14.1 42.4#





#90

Hexachloroethane

Concen: 22.854 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX010863.D

Acq: 13 Jul 2019 02:09

Instrument :

MSVOA_X

ClientSampleId :

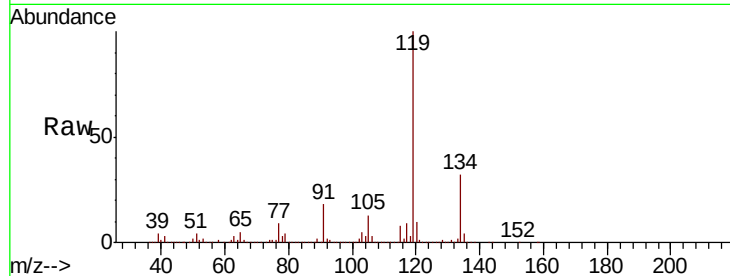
FL-0596

Tot Ion:117 Resp: 45132

Ion Ratio Lower Upper

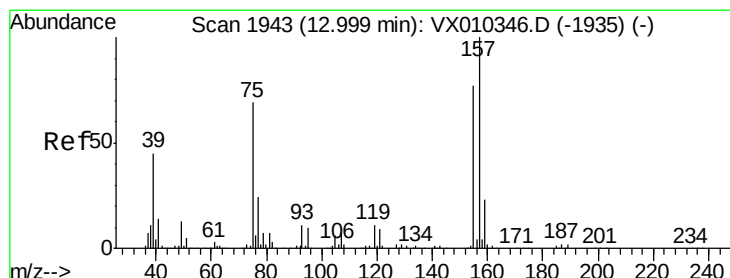
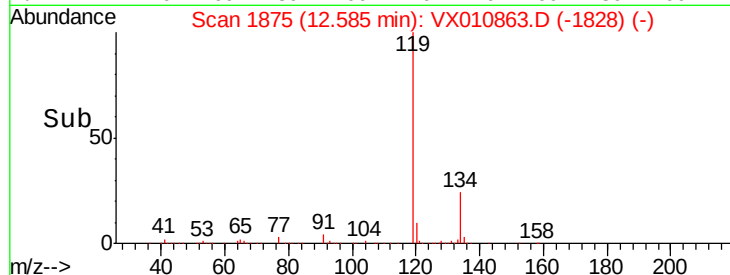
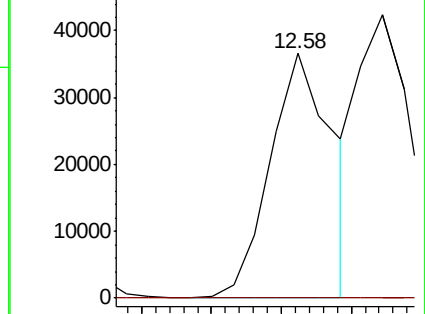
117 100

201 0.0 44.0 131.8#



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: 6.124 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX010863.D

Acq: 13 Jul 2019 02:09

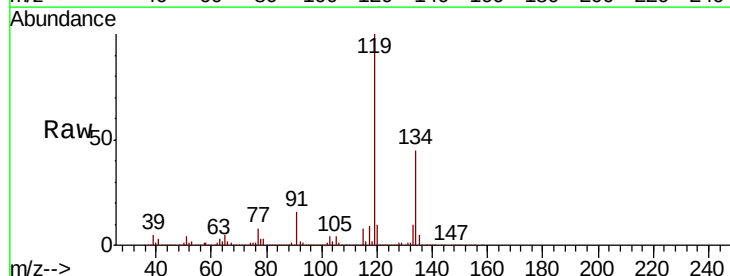
Tgt Ion: 75 Resp: 5557

Ion Ratio Lower Upper

75 100

155 0.9 54.4 163.1#

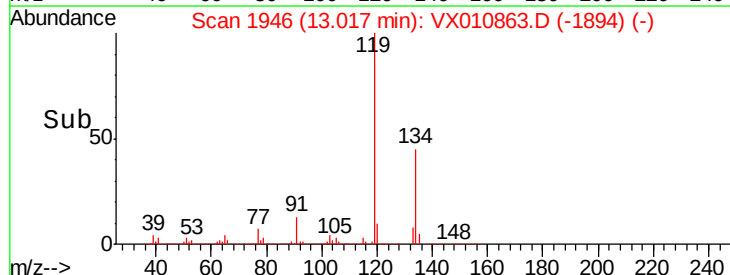
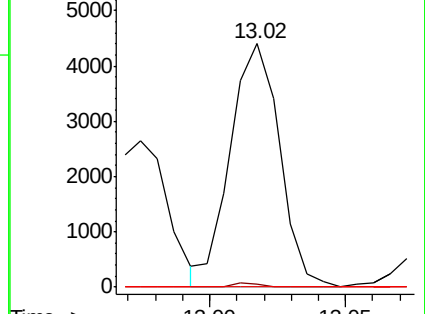
157 0.0 69.5 208.3#

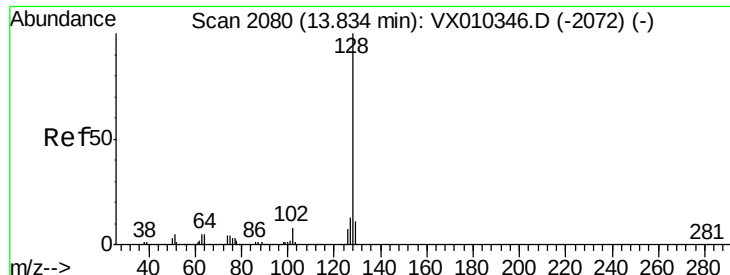


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

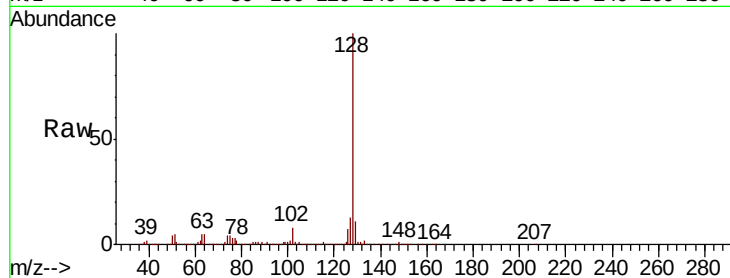




#95
Naphthalene
Concen: 31.095 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010863.D
Acq: 13 Jul 2019 02:09

Instrument :
MSVOA_X
ClientSampleId :
FL-0596

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.4
129	12.6	8.9	13.3



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

