

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
 Data File : VX010677.D
 Acq On : 04 Jul 2019 09:01
 Operator : JC/SP
 Sample : K3664-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0588

Quant Time: Jul 05 00:58:13 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	254723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	392341	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	357858	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	180147	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	125596	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
35) Dibromofluoromethane	5.50	113	118101	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
50) Toluene-d8	8.71	98	470959	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
62) 4-Bromofluorobenzene	11.13	95	166451	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	

Target Compounds

						Qvalue
3) Chloromethane	1.33	50	550	0.267	ug/l #	78
5) Bromomethane	1.65	94	533	0.484	ug/l #	29
6) Chloroethane	1.87	64	2218	1.664	ug/l #	52
11) Tert butyl alcohol	3.02	59	2037	3.260	ug/l #	74
13) Acrolein	2.23	56	462	1.114	ug/l #	6
14) Allyl chloride	2.85	41	21855	6.972	ug/l #	57
15) Acrylonitrile	3.17	53	7758	6.270	ug/l #	40
16) Acetone	2.40	43	25386	21.209	ug/l #	48
18) Methyl Acetate	2.85	43	54629	22.900	ug/l #	49
20) Methylene Chloride	2.87	84	1220	0.495	ug/l #	25
25) 2-Butanone	4.70	43	1078	0.614	ug/l	91
29) Tetrahydrofuran	5.15	42	296	0.272	ug/l #	28
31) Cyclohexane	5.58	56	213679	61.941	ug/l	97
36) 1,1-Dichloropropene	5.66	75	15844	5.082	ug/l #	47
38) Carbon Tetrachloride	5.67	117	23044	6.826	ug/l #	15
39) Methylcyclohexane	7.46	83	419107	102.266	ug/l	97
41) Methacrylonitrile	5.24	41	6846	3.890	ug/l #	42
43) Isopropyl Acetate	6.46	43	6114	1.152	ug/l #	61
45) 1,2-Dichloropropane	7.46	63	4137	1.687	ug/l #	1
47) Bromodichloromethane	7.85	83	1219	0.378	ug/l #	1
48) Methyl methacrylate	7.74	41	21577	8.748	ug/l #	49
49) 1,4-Dioxane	7.62	88	20	0.281	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	4655	1.372	ug/l #	38
52) Toluene	8.79	92	7117	1.113	ug/l	100
55) 1,1,2-Trichloroethane	9.16	97	27604	10.464	ug/l #	19
56) Ethyl methacrylate	9.16	69	5398	1.351	ug/l #	1
67) Ethyl Benzene	10.25	91	2206465	179.896	ug/l	99
68) m/p-Xylenes	10.36	106	2042241	429.721	ug/l	98
69) o-Xylene	10.69	106	263899	56.466	ug/l	97
70) Styrene	10.70	104	13554	1.729	ug/l #	1
73) Isopropylbenzene	11.02	105	283708	23.232	ug/l	98
74) N-amyl acetate	10.91	43	1374	0.298	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	2821	0.698	ug/l #	40
76) 1,2,3-Trichloropropane	11.36	75	3748	1.142	ug/l #	1

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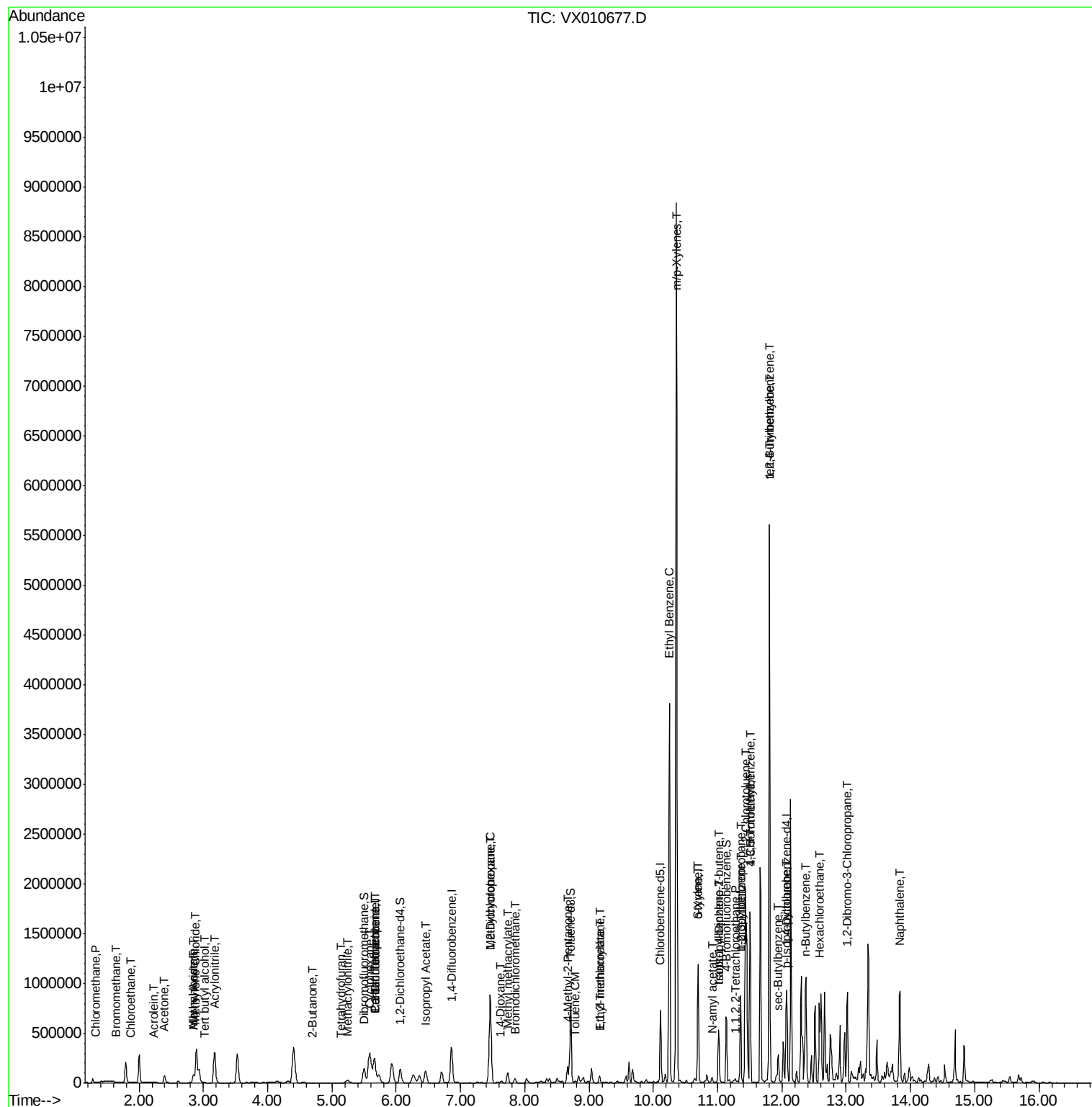
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) n-propylbenzene	11.36	91	541764	40.366	ug/l	98
79) 2-Chlorotoluene	11.43	91	194874	24.384	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	715934	71.116	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.02	75	3492	2.482	ug/l #	66
82) 4-Chlorotoluene	11.51	91	74757	8.220	ug/l #	42
83) tert-Butylbenzene	11.80	119	302643	29.952	ug/l #	53
84) 1,2,4-Trimethylbenzene	11.80	105	2456278	242.852	ug/l	99
85) sec-Butylbenzene	11.94	105	143534	12.099	ug/l	85
86) p-Isopropyltoluene	12.06	119	138393	12.611	ug/l	99
89) n-Butylbenzene	12.38	91	168548	18.075	ug/l #	28
90) Hexachloroethane	12.58	117	34270	18.061	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	2941	3.373	ug/l #	1
95) Naphthalene	13.83	128	580490	46.045	ug/l	99

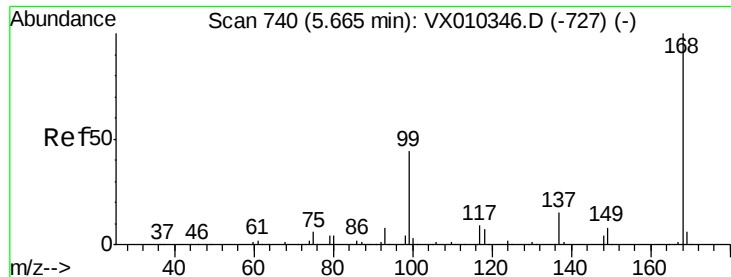
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010677.D

Acq: 04 Jul 2019 09:01

Instrument :

MSVOA_X

ClientSampled :

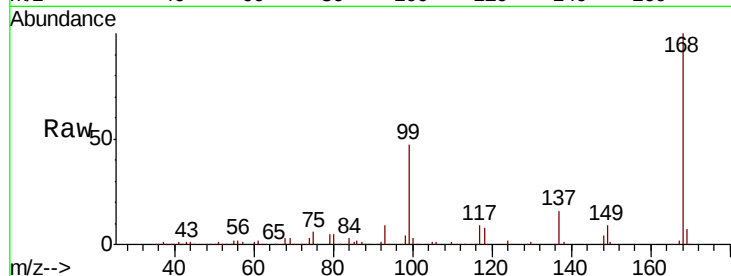
FL-0588

Tot Ion:168 Resp: 254723

Ion Ratio Lower Upper

168 100

99 47.2 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

100000

80000

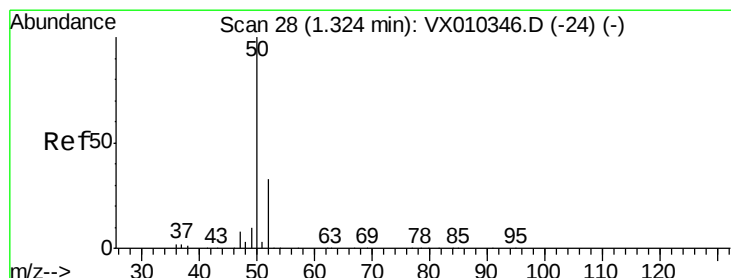
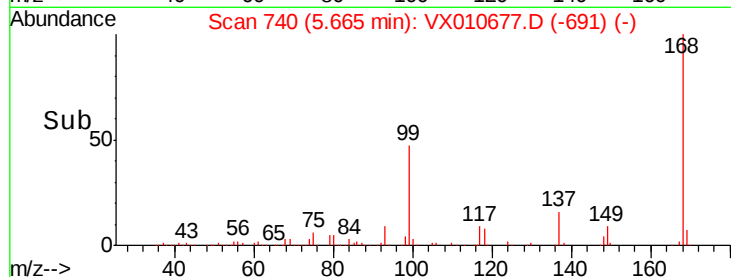
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.267 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010677.D

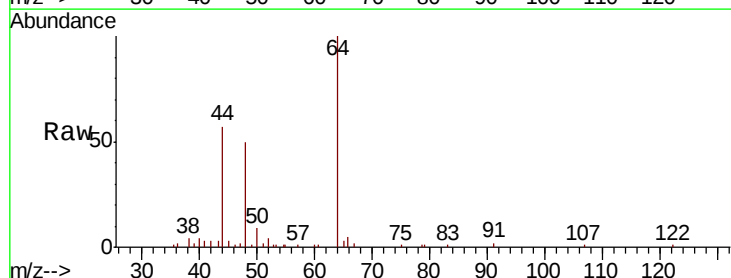
Acq: 04 Jul 2019 09:01

Tgt Ion: 50 Resp: 550

Ion Ratio Lower Upper

50 100

52 45.8 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

500

400

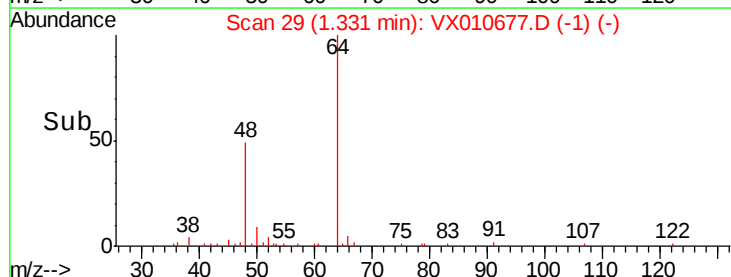
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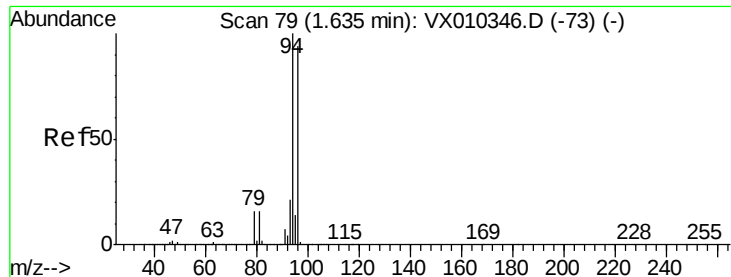
200

100

0

Time-->





#5

Bromomethane

Concen: 0.484 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010677.D

Acq: 04 Jul 2019 09:01

Instrument :

MSVOA_X

ClientSampled :

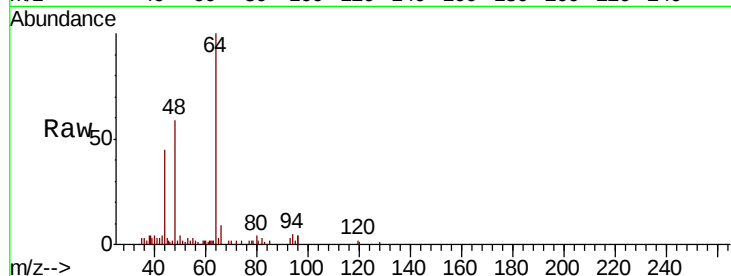
FL-0588

Tot Ion: 94 Resp: 533

Ion Ratio Lower Upper

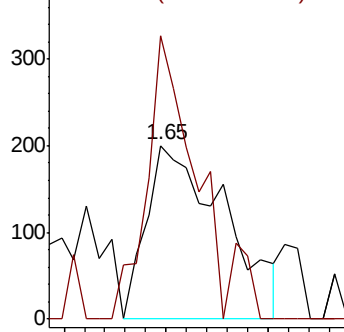
94 100

96 163.5 75.5 113.3#

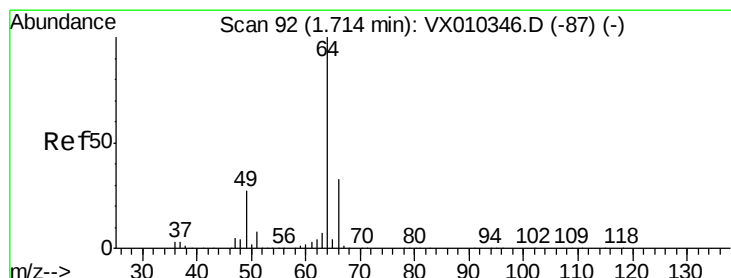
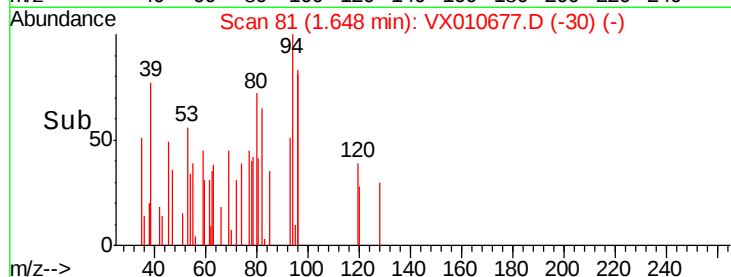


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 1.664 ug/l

RT: 1.87 min Scan# 117

Delta R.T. 0.15 min

Lab File: VX010677.D

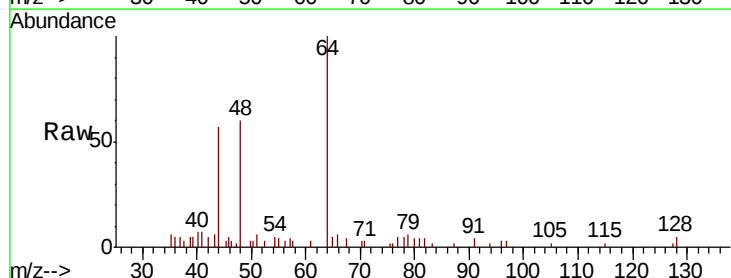
Acq: 04 Jul 2019 09:01

Tgt Ion: 64 Resp: 2218

Ion Ratio Lower Upper

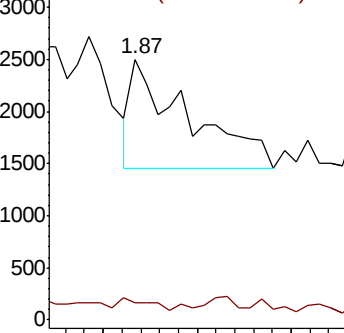
64 100

66 5.8 26.6 40.0#

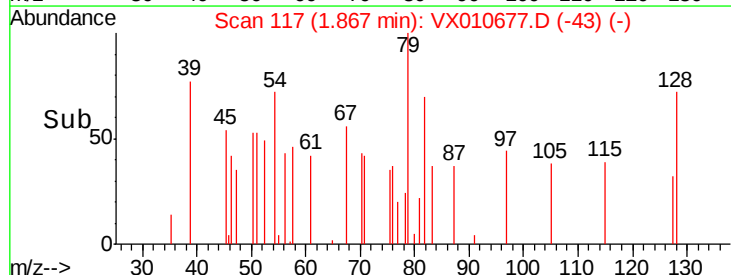


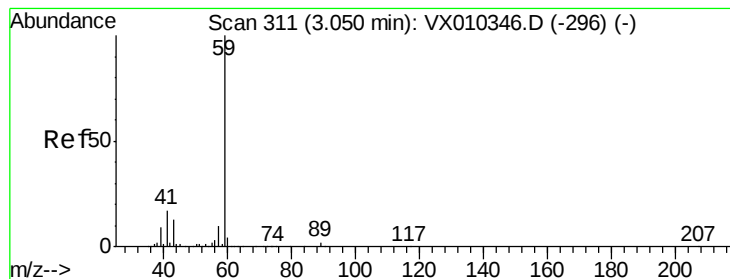
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->



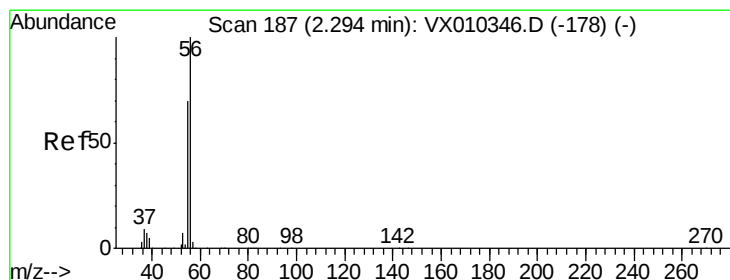
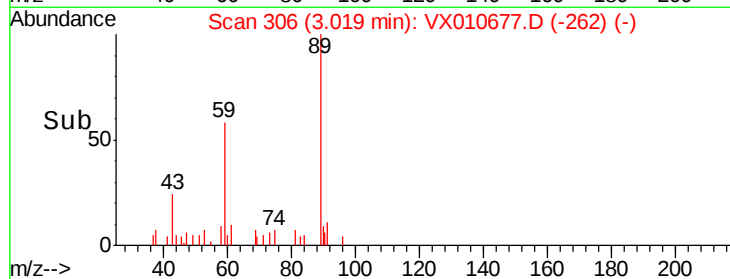
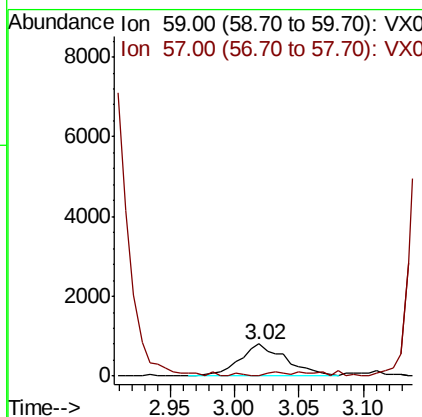
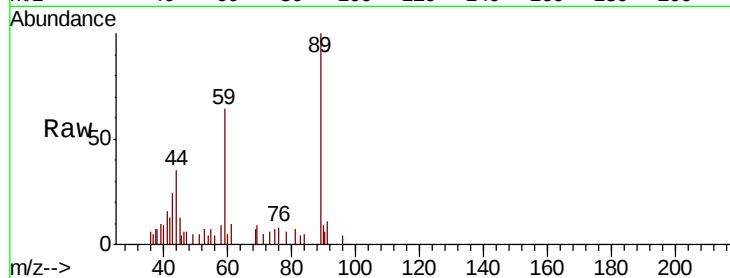


#11

Tert butyl alcohol
 Concen: 3.260 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.03 min
 Lab File: VX010677.D
 Acq: 04 Jul 2019 09:01

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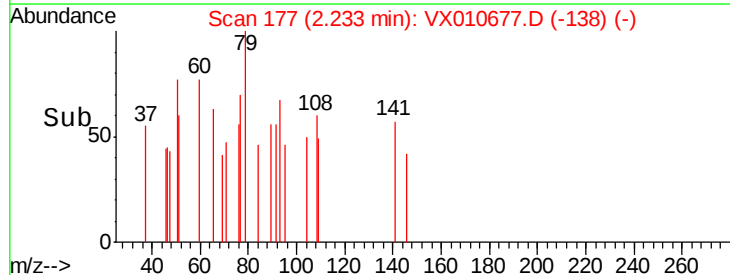
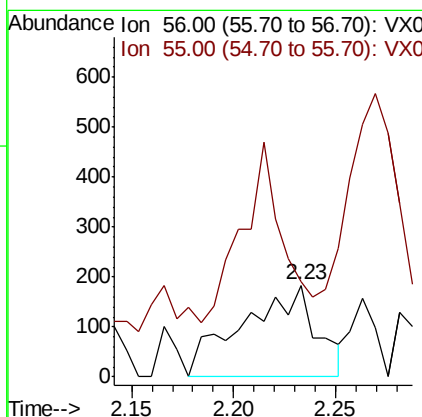
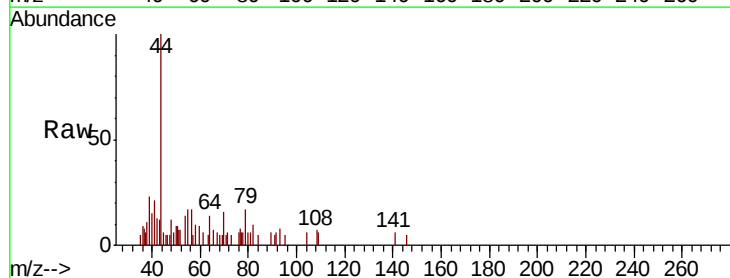
Tot Ion: 59 Resp: 2037
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.7 11.5#

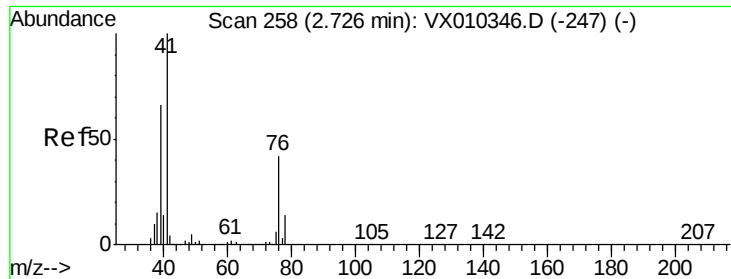


#13

Acrolein
 Concen: 1.114 ug/l
 RT: 2.23 min Scan# 177
 Delta R.T. -0.06 min
 Lab File: VX010677.D
 Acq: 04 Jul 2019 09:01

Tgt Ion: 56 Resp: 462
 Ion Ratio Lower Upper
 56 100
 55 148.7 56.9 85.3#

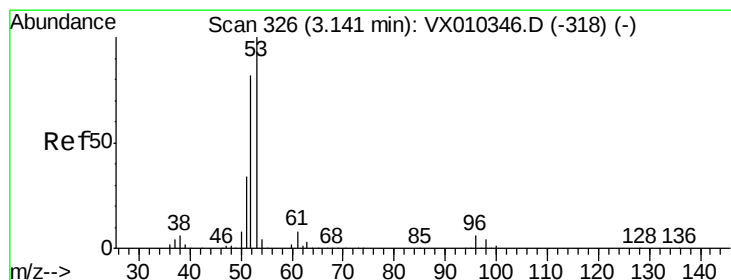
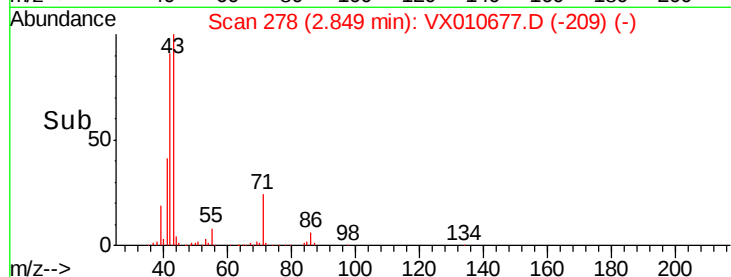
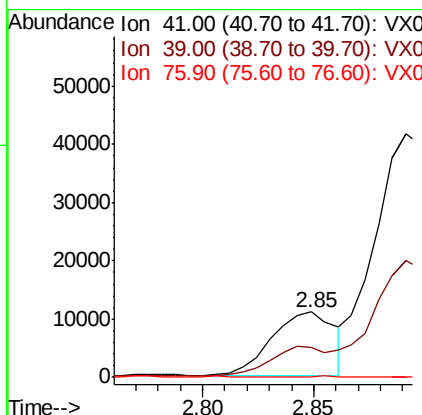
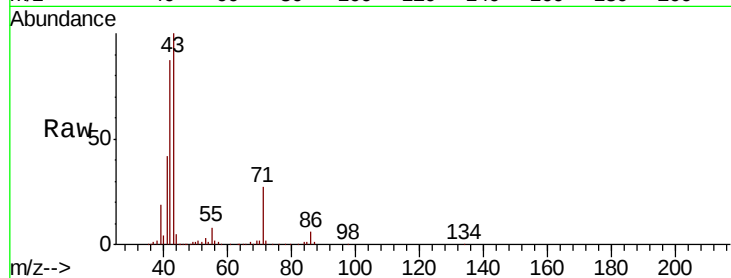




#14
Allvl chloride
Concen: 6.972 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.12 min
Lab File: VX010677.D
Acq: 04 Jul 2019 09:01

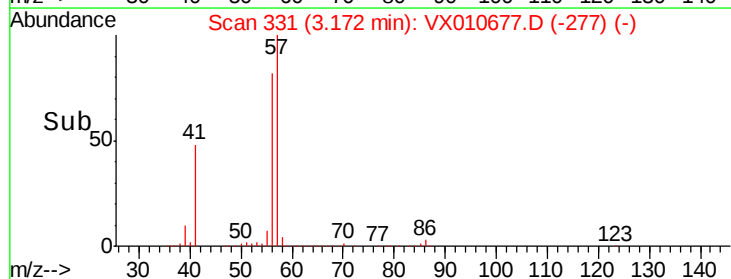
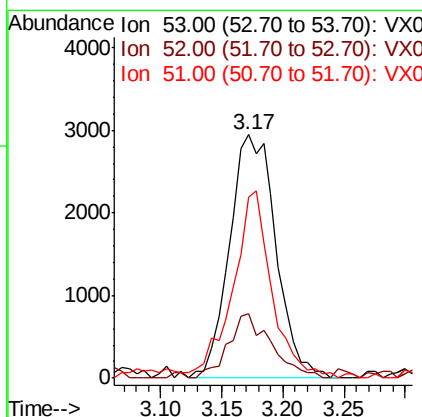
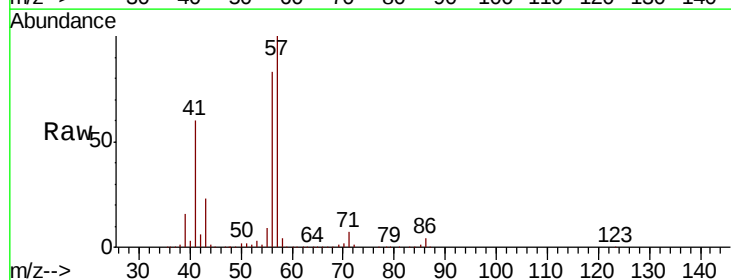
Instrument :
MSVOA_X
ClientSampled :
FL-0588

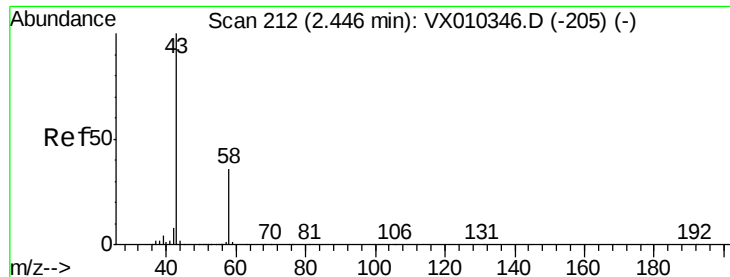
Tot Ion: 41 Resp: 21855
Ion Ratio Lower Upper
41 100
39 39.3 50.3 75.5#
76 0.5 31.3 46.9#



#15
Acrylonitrile
Concen: 6.270 ug/l
RT: 3.17 min Scan# 331
Delta R.T. 0.03 min
Lab File: VX010677.D
Acq: 04 Jul 2019 09:01

Tgt Ion: 53 Resp: 7758
Ion Ratio Lower Upper
53 100
52 24.3 65.5 98.3#
51 64.6 28.2 42.4#





#16

Acetone

Concen: 21.209 ug/l

RT: 2.40 min Scan# 204

Delta R.T. -0.05 min

Lab File: VX010677.D

Acq: 04 Jul 2019 09:01

Instrument :

MSVOA_X

ClientSampleId :

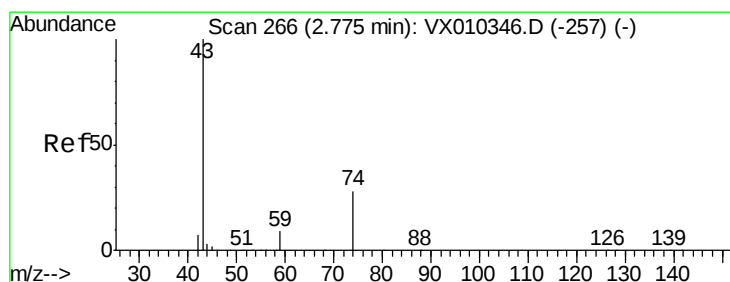
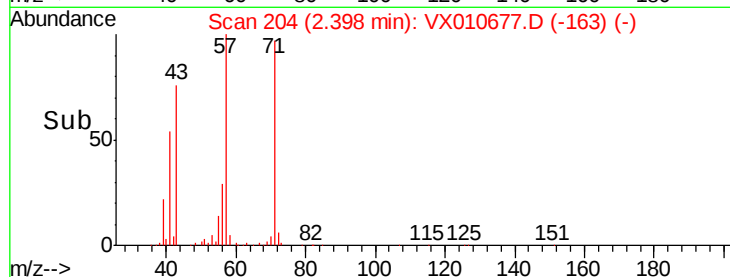
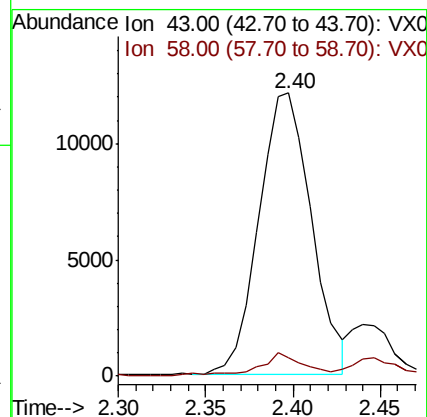
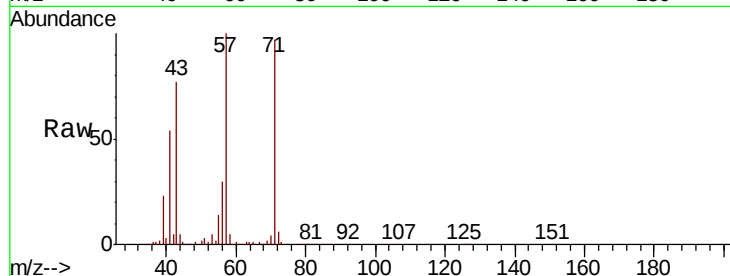
FL-0588

Tot Ion: 43 Resp: 25386

Ion Ratio Lower Upper

43 100

58 5.4 28.9 43.3#



#18

Methyl Acetate

Concen: 22.900 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.07 min

Lab File: VX010677.D

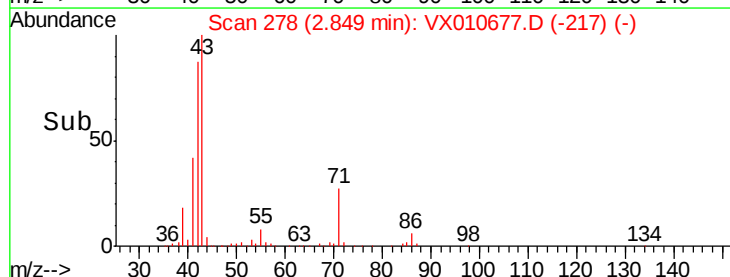
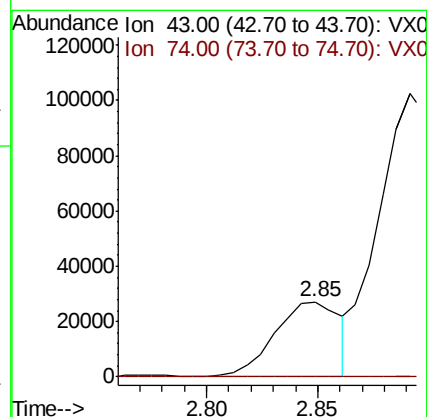
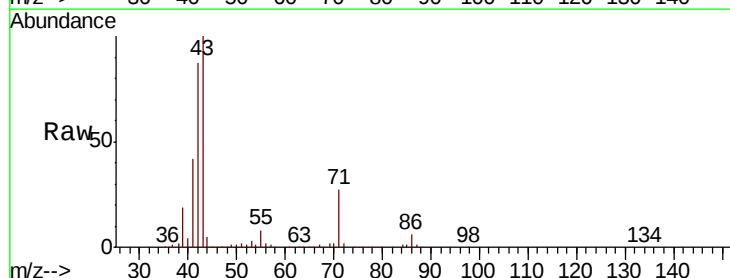
Acq: 04 Jul 2019 09:01

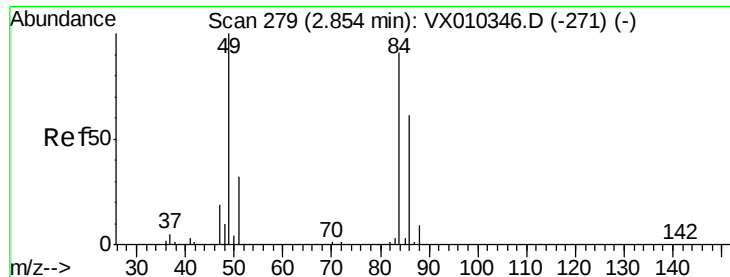
Tgt Ion: 43 Resp: 54629

Ion Ratio Lower Upper

43 100

74 0.1 21.3 31.9#

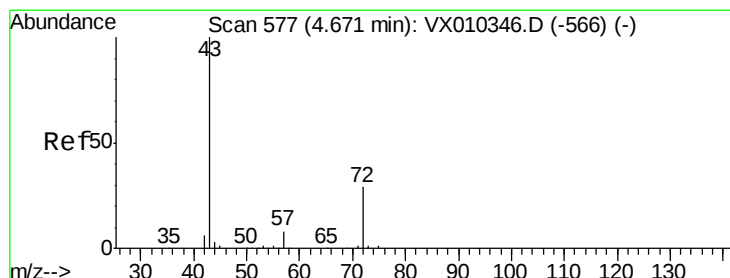
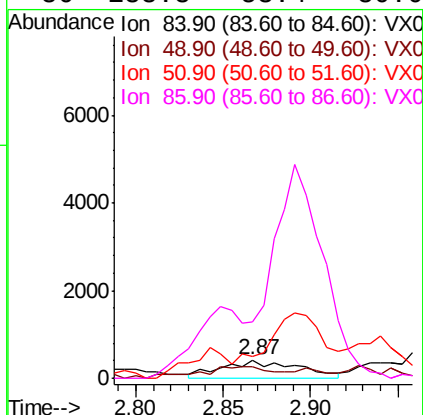
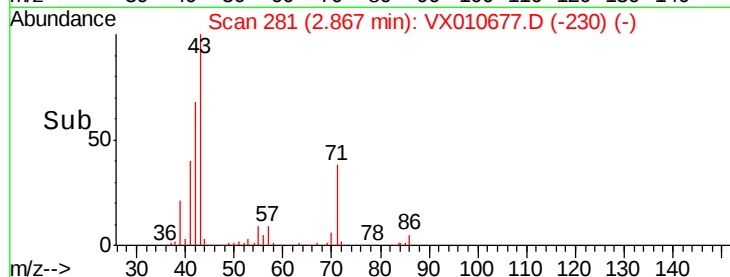
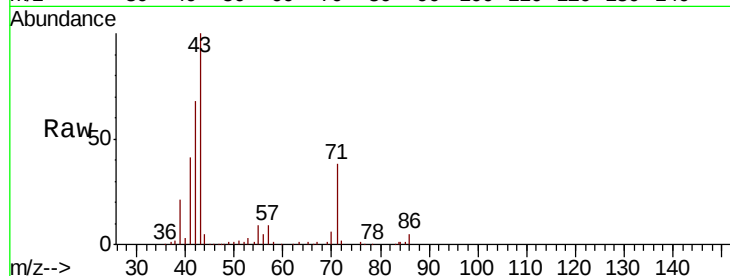




#20
Methvlene Chloride
Concen: 0.495 ug/l
RT: 2.87 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX010677.D
Acq: 04 Jul 2019 09:01

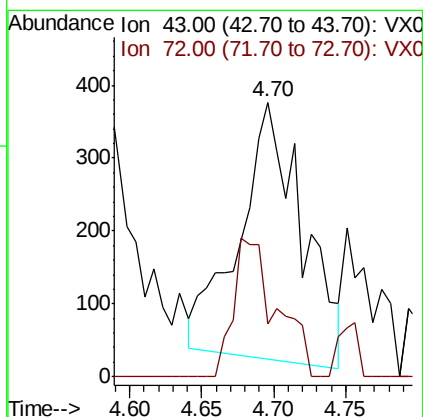
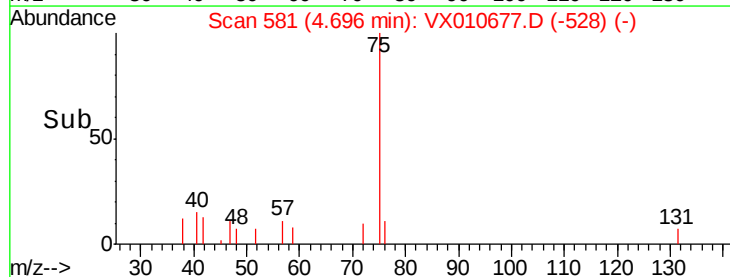
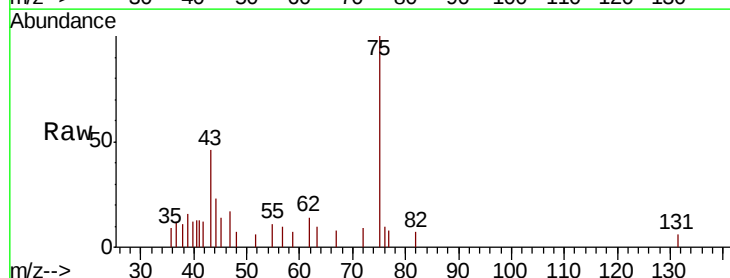
Instrument :
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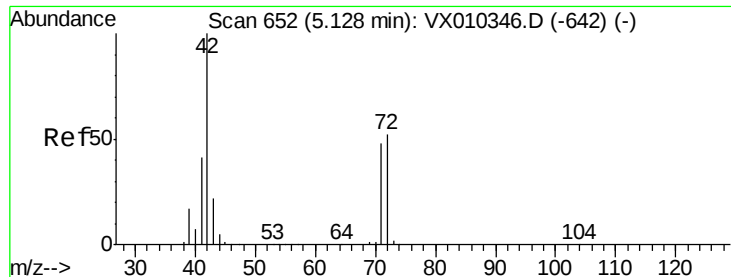
Tot Ion: 84 Resp: 1220
Ion Ratio Lower Upper
84 100
49 57.8 87.5 131.3#
51 37.8 27.7 41.5
86 188.8 53.4 80.0#



#25
2-Butanone
Concen: 0.614 ug/l
RT: 4.70 min Scan# 581
Delta R.T. 0.02 min
Lab File: VX010677.D
Acq: 04 Jul 2019 09:01

Tgt Ion: 43 Resp: 1078
Ion Ratio Lower Upper
43 100
72 24.2 23.3 34.9

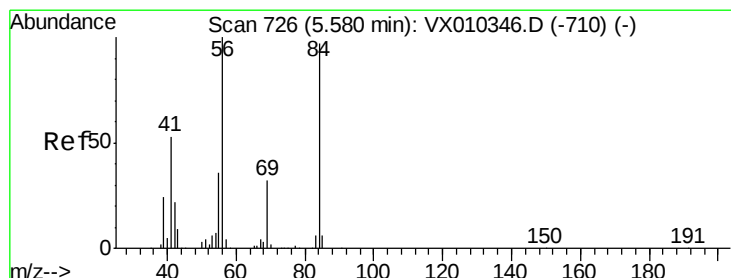
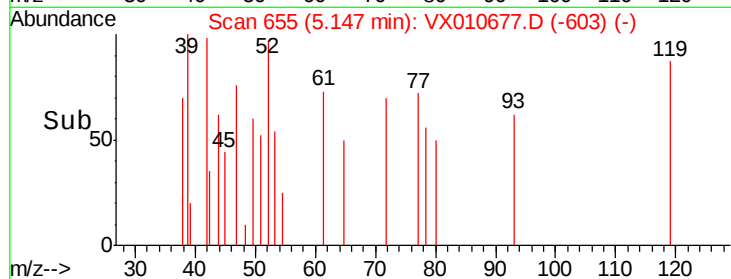
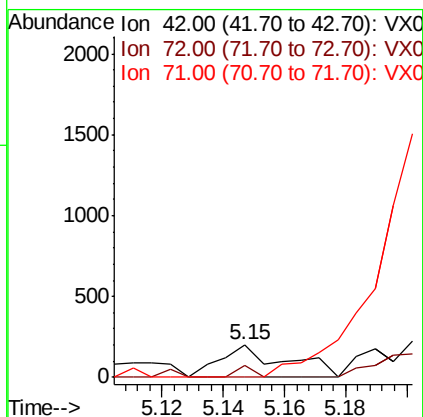
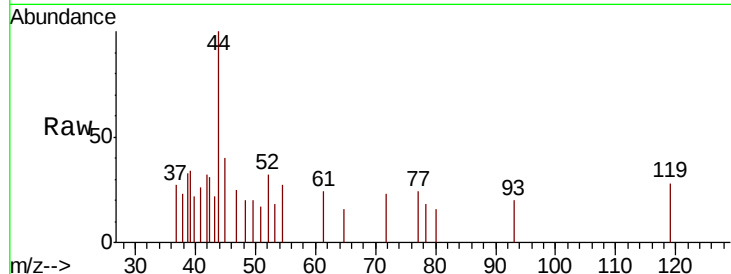




#29
Tetrahydrofuran
Concen: 0.272 ug/l
RT: 5.15 min Scan# 655
Delta R.T. 0.02 min
Lab File: VX010677.D
Acq: 04 Jul 2019 09:01

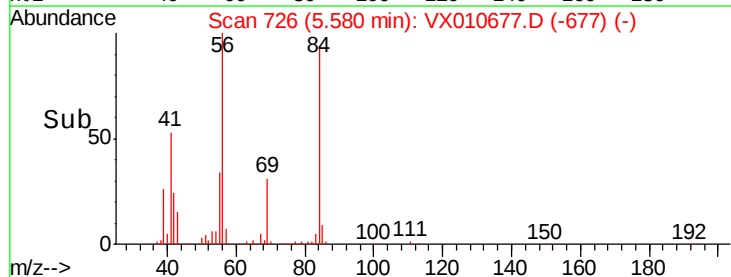
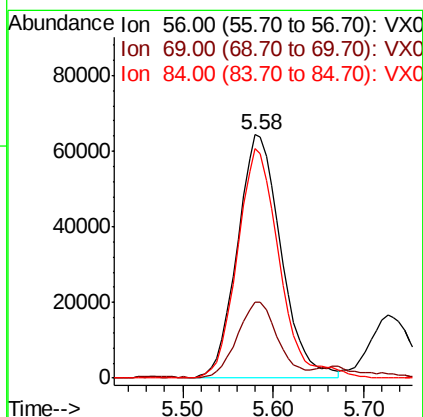
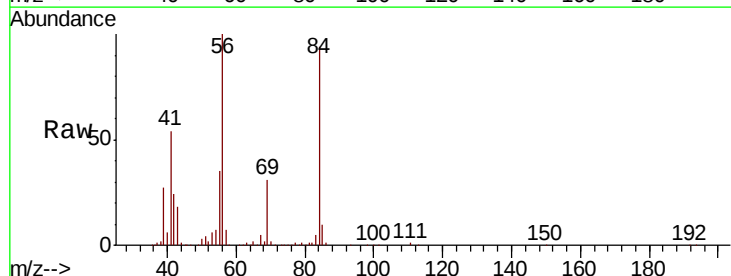
Instrument :
MSVOA_X
ClientSampled :
FL-0588

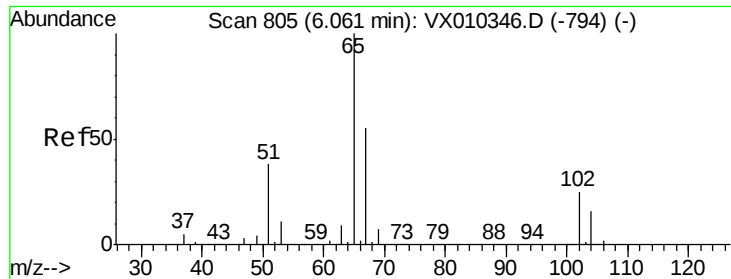
Tot Ion: 42 Resp: 296
Ion Ratio Lower Upper
42 100
72 0.0 40.6 60.8#
71 0.0 37.8 56.8#



#31
Cyclohexane
Concen: 61.941 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX010677.D
Acq: 04 Jul 2019 09:01

Tgt Ion: 56 Resp: 213679
Ion Ratio Lower Upper
56 100
69 31.0 25.9 38.9
84 94.2 78.0 117.0





#33

1,2-Dichloroethane-d4

Concen: 52.588 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX010677.D

Acq: 04 Jul 2019 09:01

Instrument :

MSVOA_X

ClientSampled :

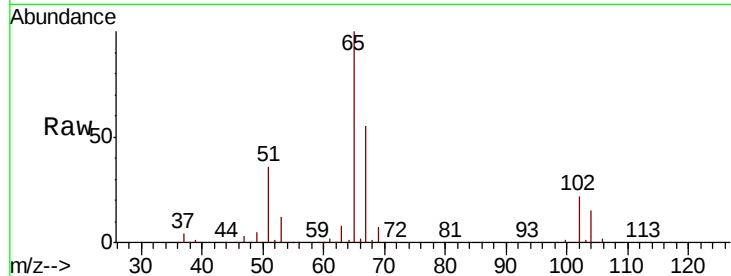
FL-0588

Tot Ion: 65 Resp: 125596

Ion Ratio Lower Upper

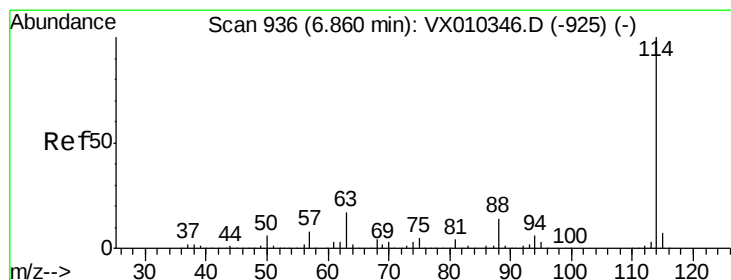
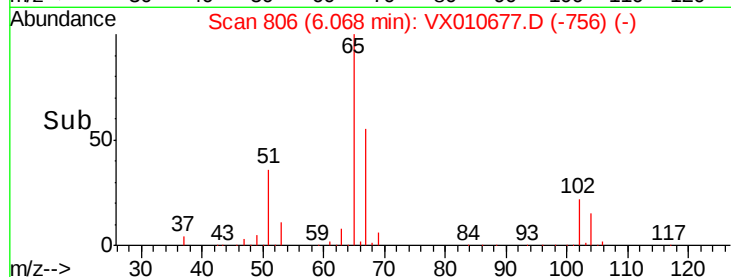
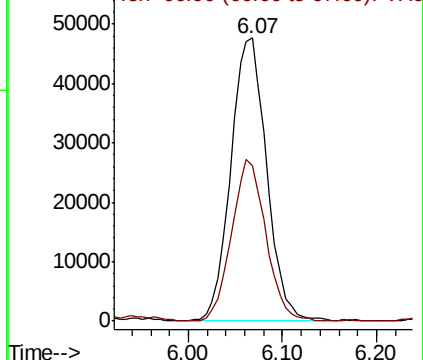
65 100

67 54.5 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010677.D

Acq: 04 Jul 2019 09:01

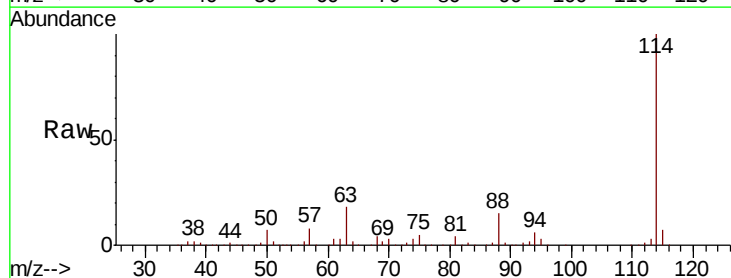
Tgt Ion: 114 Resp: 392341

Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.8

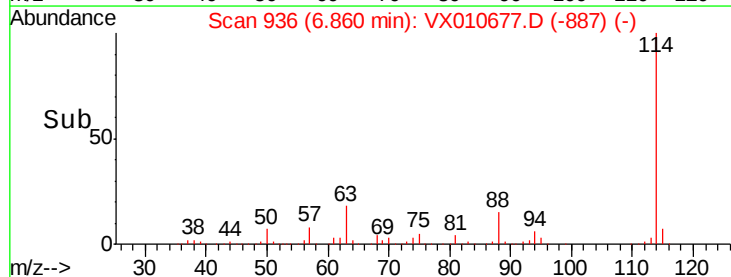
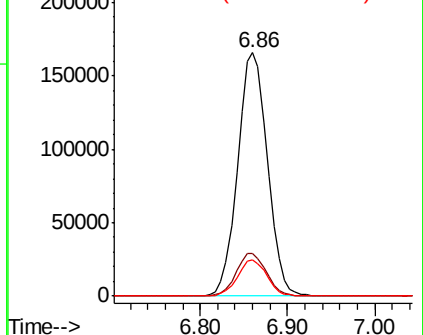
88 14.7 0.0 27.6

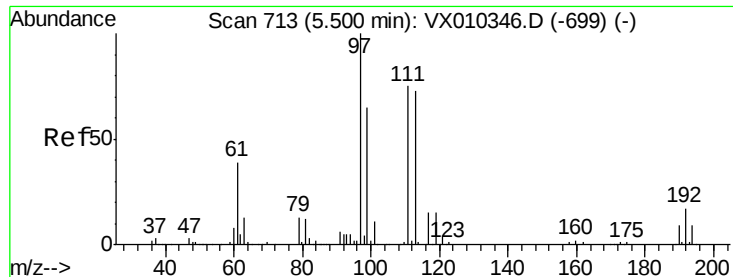


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.199 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010677.D

Acq: 04 Jul 2019 09:01

Instrument :

MSVOA_X

ClientSampled :

FL-0588

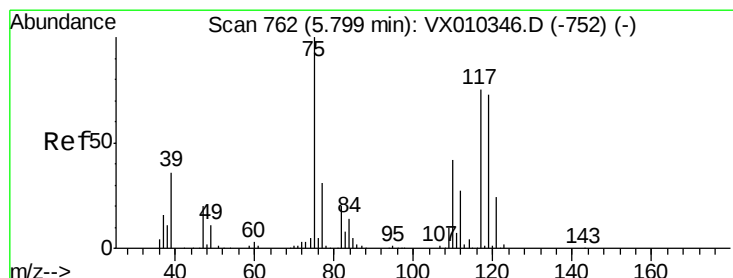
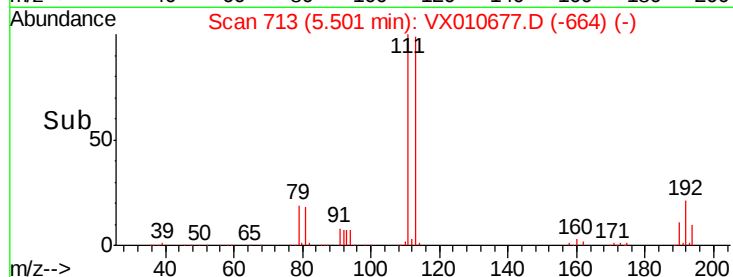
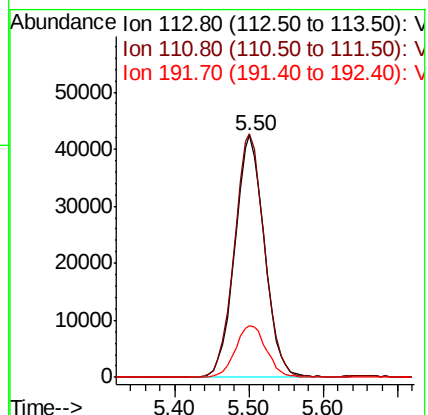
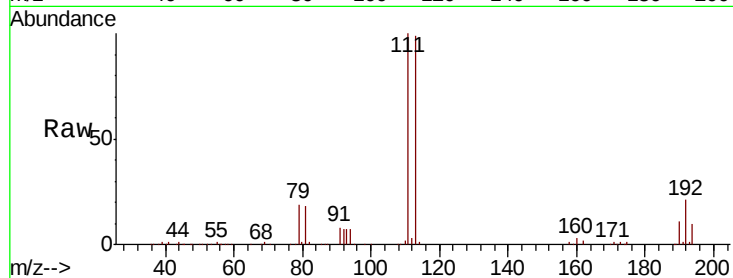
Tot Ion:113 Resp: 118101

Ion Ratio Lower Upper

113 100

111 102.3 81.2 121.8

192 22.3 18.6 27.8



#36

1,1-Dichloropropene

Concen: 5.082 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX010677.D

Acq: 04 Jul 2019 09:01

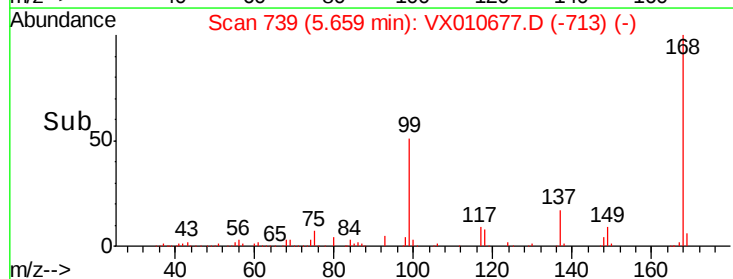
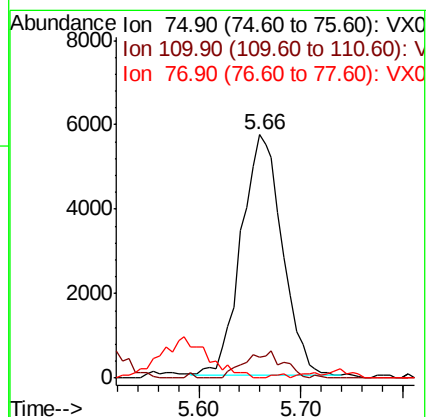
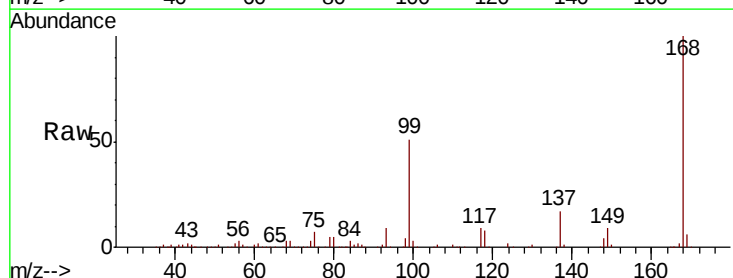
Tgt Ion: 75 Resp: 15844

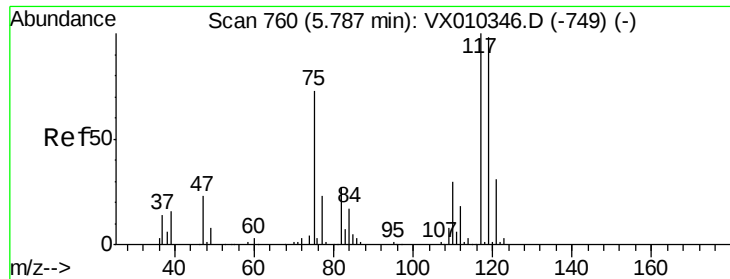
Ion Ratio Lower Upper

75 100

110 10.5 20.8 62.2#

77 0.0 25.4 38.0#





#38

Carbon Tetrachloride

Concen: 6.826 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX010677.D

Acq: 04 Jul 2019 09:01

Instrument :

MSVOA_X

ClientSampled :

FL-0588

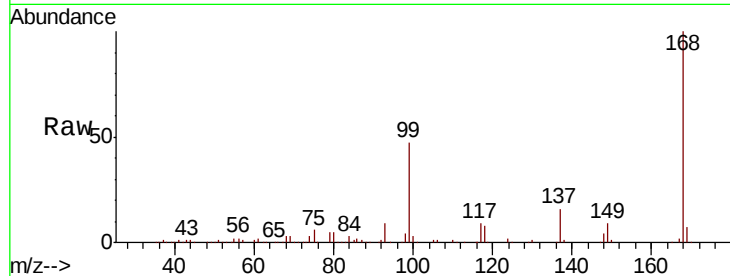
Tot Ion:117 Resp: 23044

Ion Ratio Lower Upper

117 100

119 5.3 78.2 117.4#

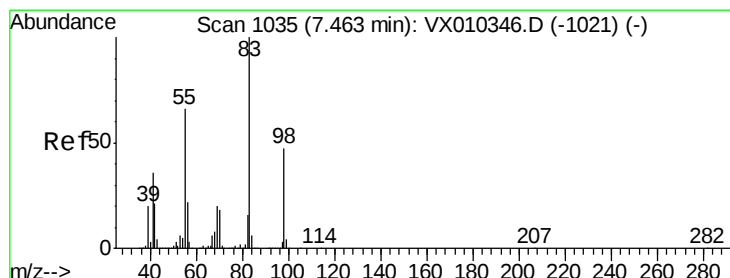
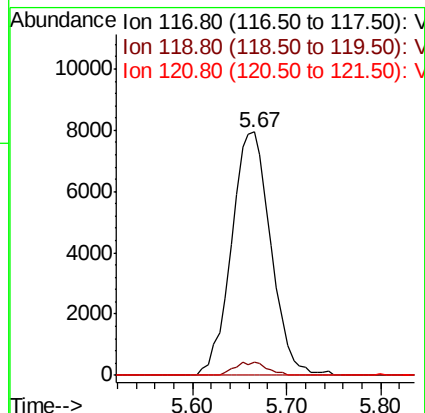
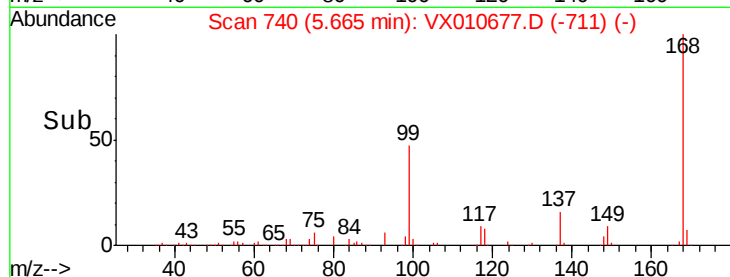
121 0.0 24.7 37.1#



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: 102.266 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX010677.D

Acq: 04 Jul 2019 09:01

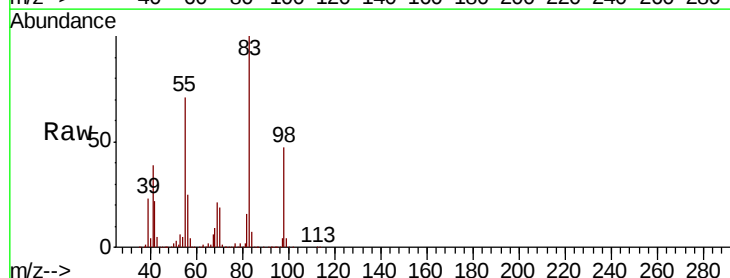
Tgt Ion: 83 Resp: 419107

Ion Ratio Lower Upper

83 100

55 70.6 53.0 79.6

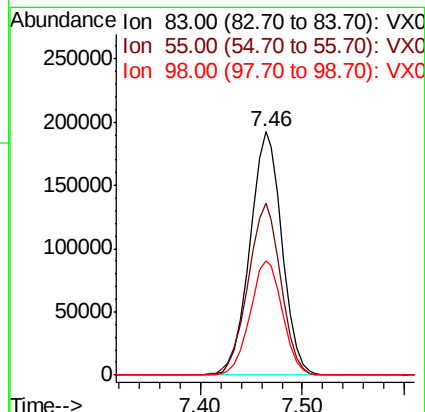
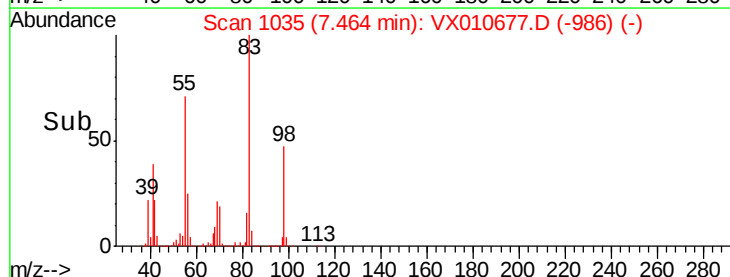
98 47.0 37.8 56.8

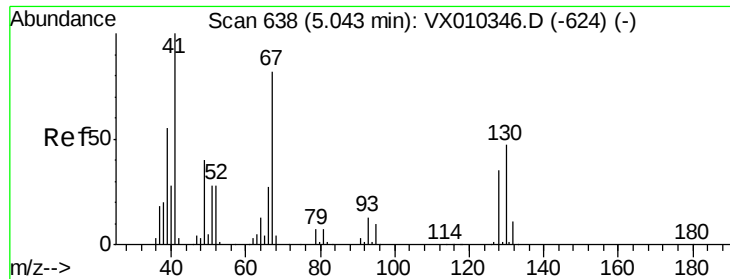


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#41

Methacrylonitrile

Concen: 3.890 ug/l

RT: 5.24 min Scan# 671

Delta R.T. 0.20 min

Lab File: VX010677.D

Acq: 04 Jul 2019 09:01

Instrument :

MSVOA_X

ClientSampleId :

FL-0588

Tot Ion: 41 Resp: 6846

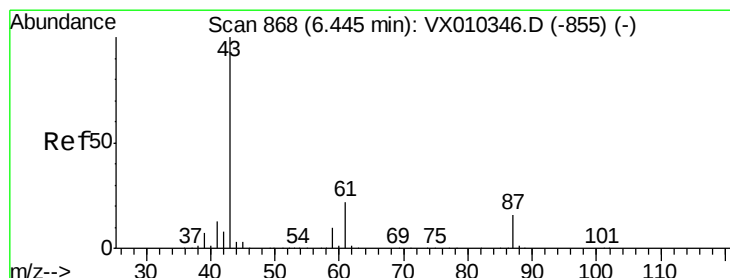
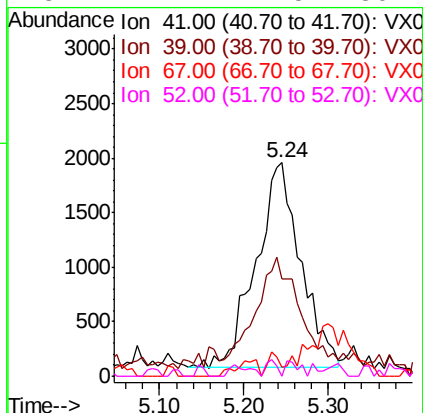
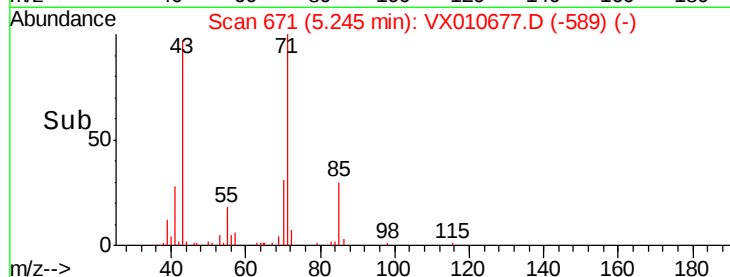
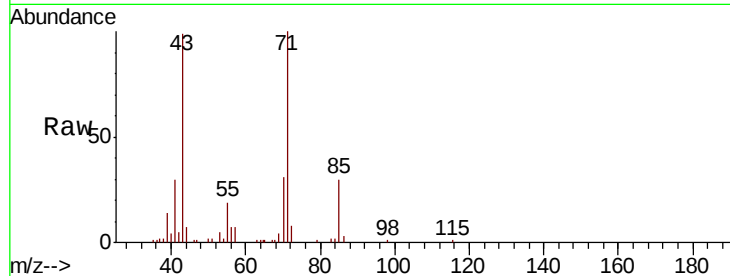
Ion Ratio Lower Upper

41 100

39 47.0 43.8 65.8

67 0.0 66.6 100.0#

52 2.4 24.5 36.7#



#43

Isopropyl Acetate

Concen: 1.152 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX010677.D

Acq: 04 Jul 2019 09:01

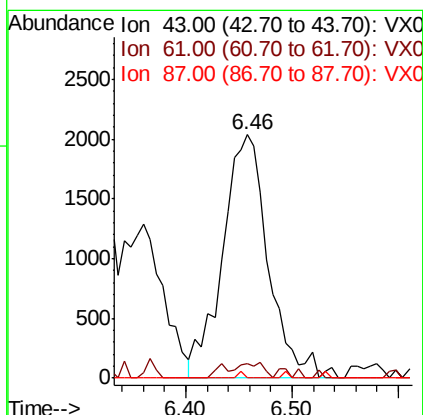
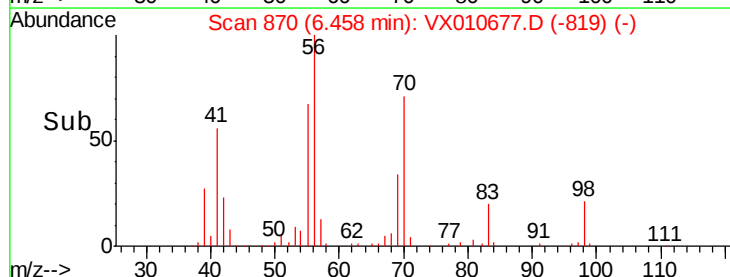
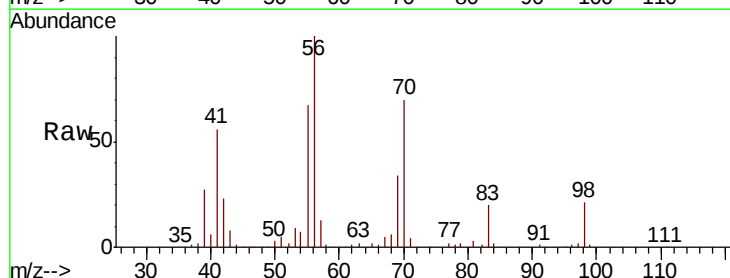
Tgt Ion: 43 Resp: 6114

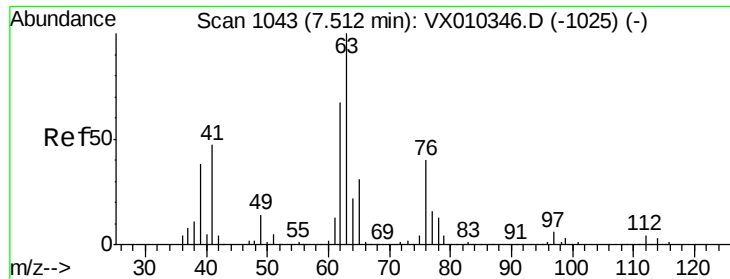
Ion Ratio Lower Upper

43 100

61 3.1 17.8 26.6#

87 0.4 13.0 19.4#





#45

1,2-Dichloropropane

Concen: 1.687 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.05 min

Lab File: VX010677.D

Acq: 04 Jul 2019 09:01

Instrument :

MSVOA_X

ClientSampleId :

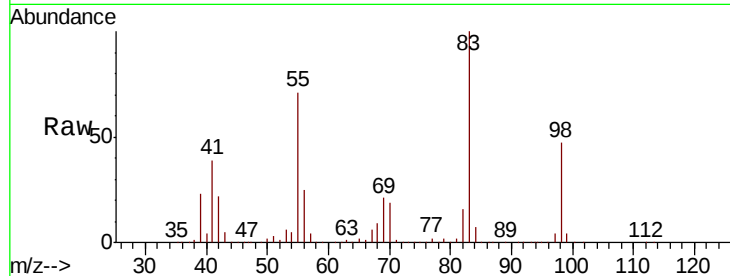
FL-0588

Tot Ion: 63 Resp: 4137

Ion Ratio Lower Upper

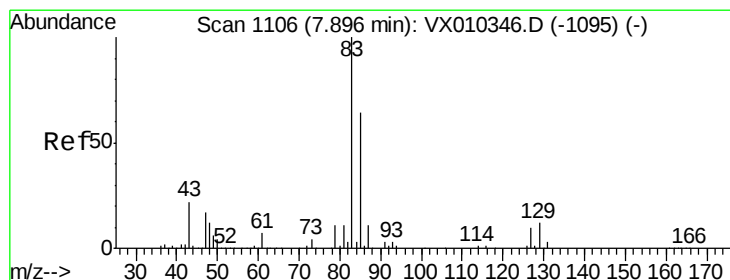
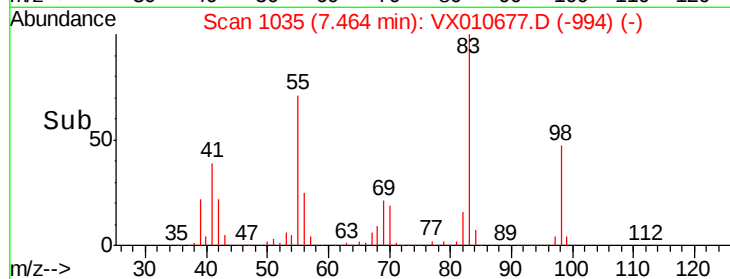
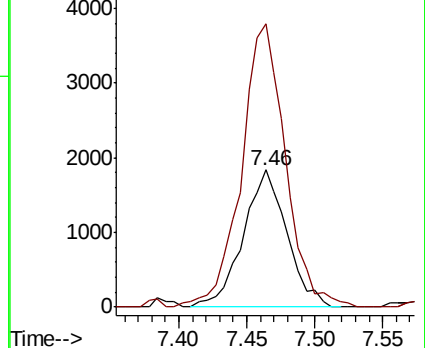
63 100

65 202.2 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: 0.378 ug/l

RT: 7.85 min Scan# 1098

Delta R.T. -0.05 min

Lab File: VX010677.D

Acq: 04 Jul 2019 09:01

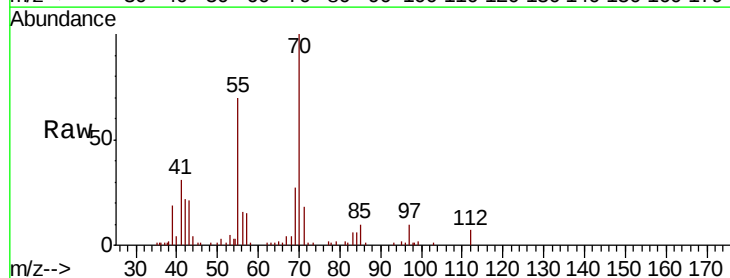
Tgt Ion: 83 Resp: 1219

Ion Ratio Lower Upper

83 100

85 159.0 51.5 77.3#

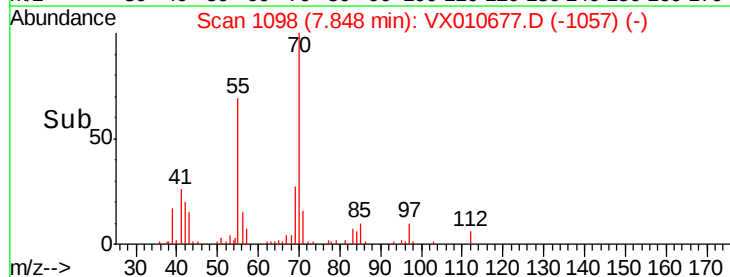
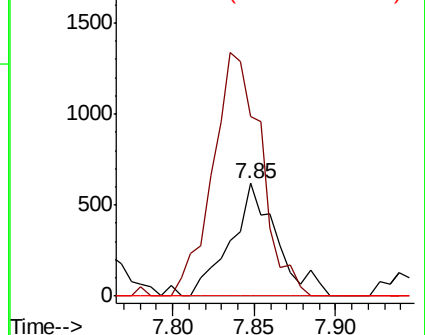
127 0.0 7.8 11.8#

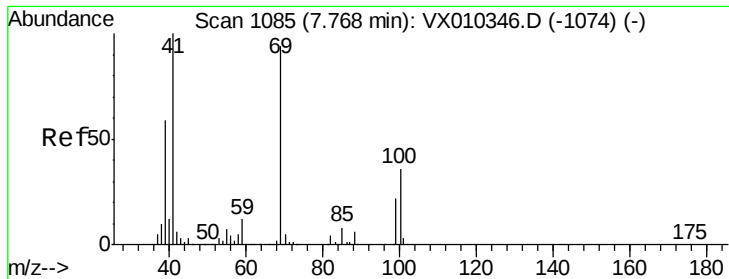


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

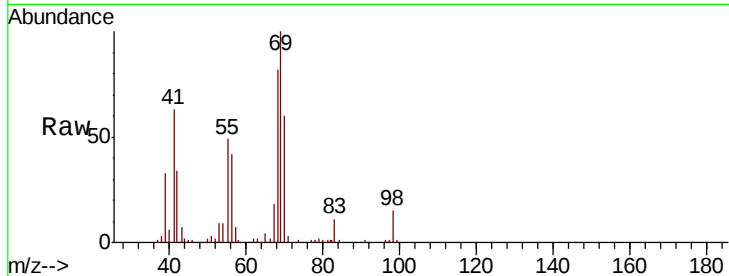




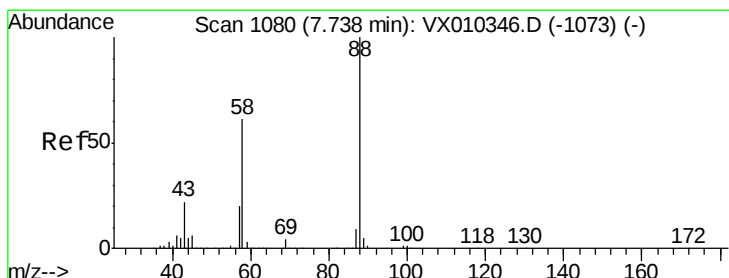
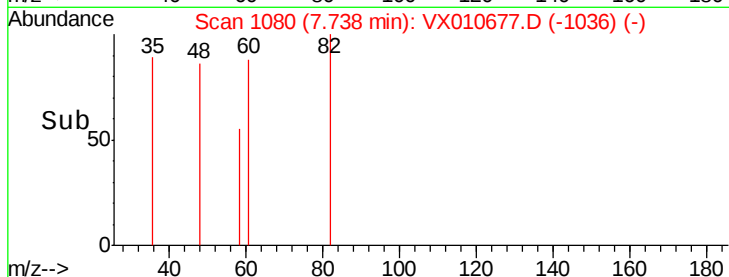
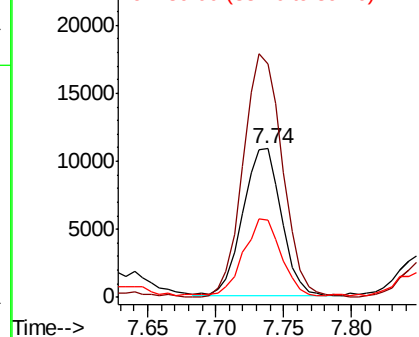
#48
Methvl methacrylate
Concen: 8.748 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.03 min
Lab File: VX010677.D
Acq: 04 Jul 2019 09:01

Instrument :
MSVOA_X
ClientSampleId :
FL-0588

Tot Ion: 41 Resp: 21577
Ion Ratio Lower Upper
41 100
69 167.8 76.1 114.1#
39 49.7 47.6 71.4

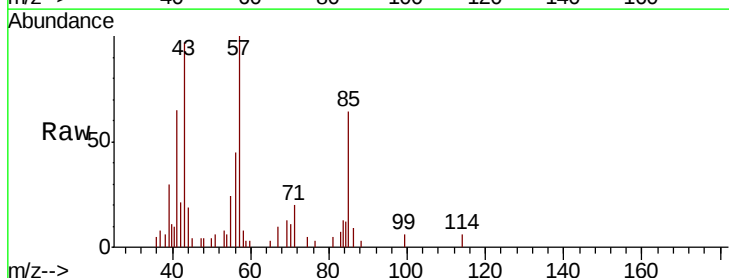


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

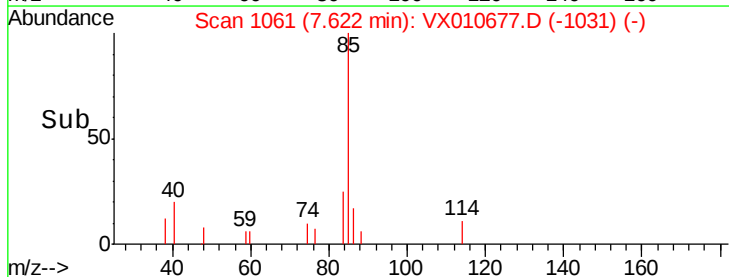
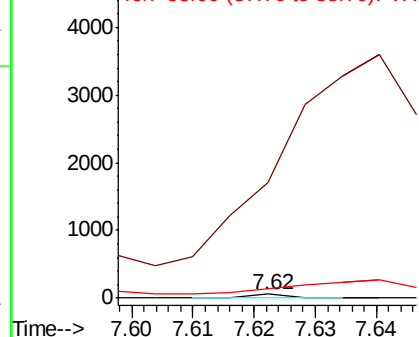


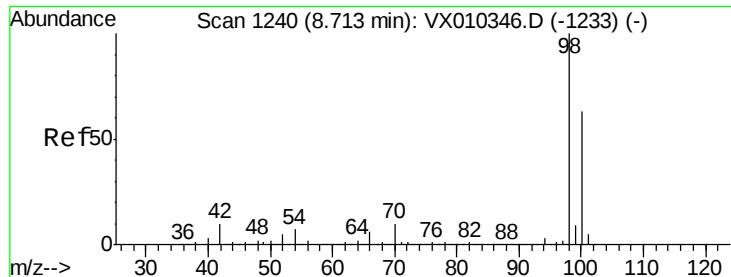
#49
1,4-Dioxane
Concen: 0.281 ug/l
RT: 7.62 min Scan# 1061
Delta R.T. -0.12 min
Lab File: VX010677.D
Acq: 04 Jul 2019 09:01

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 37200.0 20.2 30.2#
58 1840.0 49.5 74.3#



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





#50

Toluene-d8

Concen: 51.282 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010677.D

Acq: 04 Jul 2019 09:01

Instrument :

MSVOA_X

ClientSampleId :

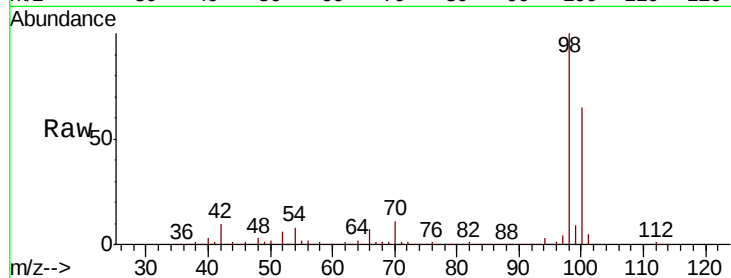
FL-0588

Tot Ion: 98 Resp: 470959

Ion Ratio Lower Upper

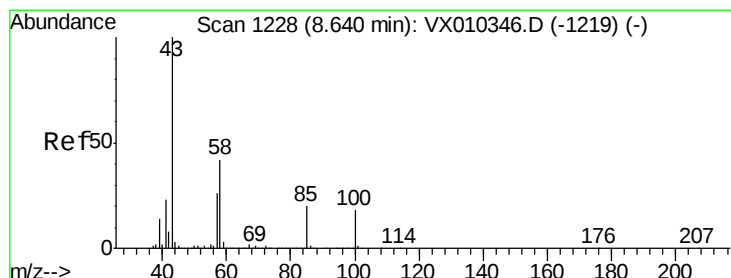
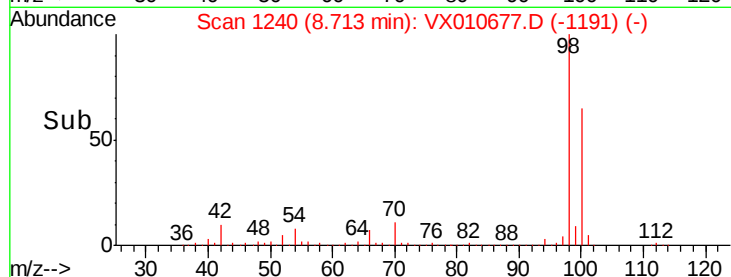
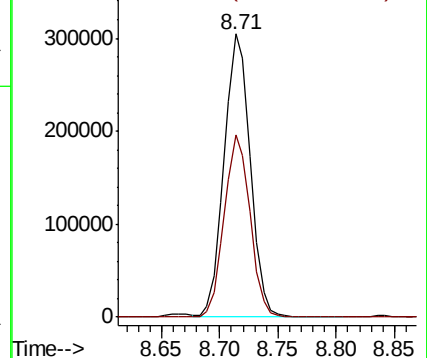
98 100

100 63.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#51

4-Methyl-2-Pentanone

Concen: 1.372 ug/l

RT: 8.66 min Scan# 1231

Delta R.T. 0.02 min

Lab File: VX010677.D

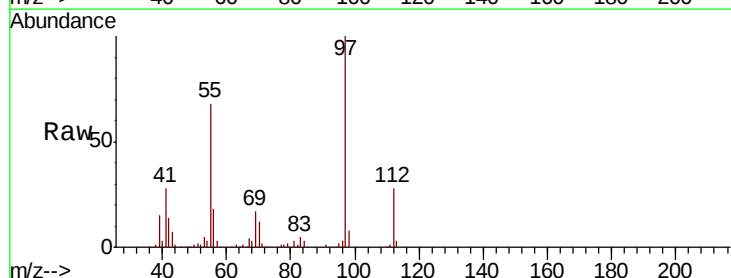
Acq: 04 Jul 2019 09:01

Tgt Ion: 43 Resp: 4655

Ion Ratio Lower Upper

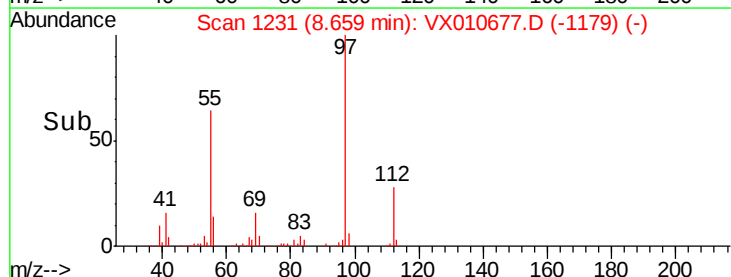
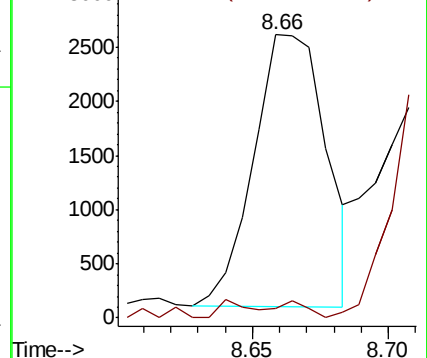
43 100

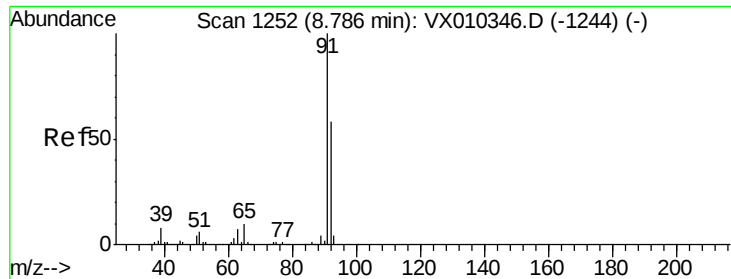
58 2.6 33.5 50.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 1.113 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX010677.D

Acq: 04 Jul 2019 09:01

Instrument :

MSVOA_X

ClientSampleId :

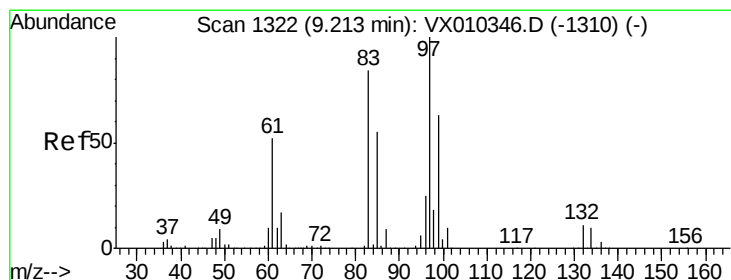
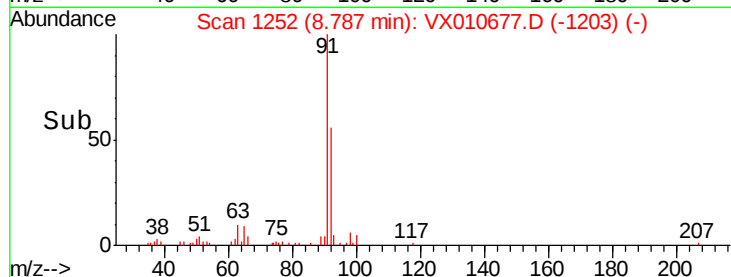
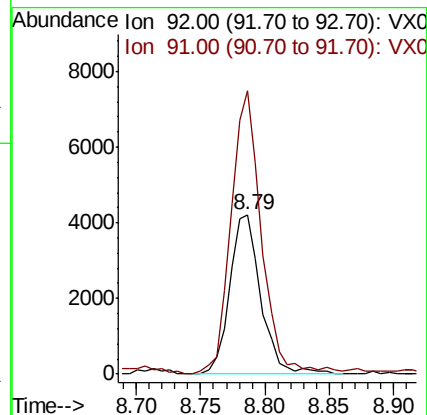
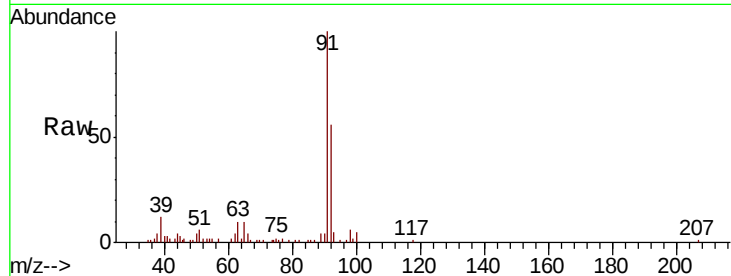
FL-0588

Tot Ion: 92 Resp: 7117

Ion Ratio Lower Upper

92 100

91 174.9 139.8 209.6



#55

1,1,2-Trichloroethane

Concen: 10.464 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX010677.D

Acq: 04 Jul 2019 09:01

Tgt Ion: 97 Resp: 27604

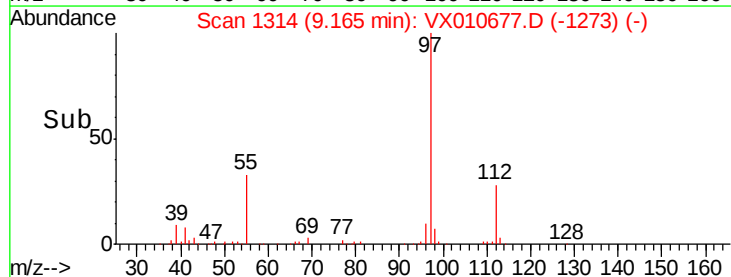
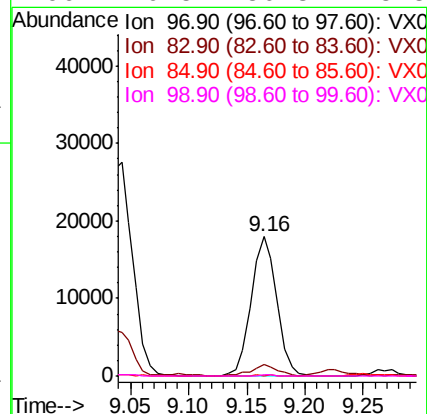
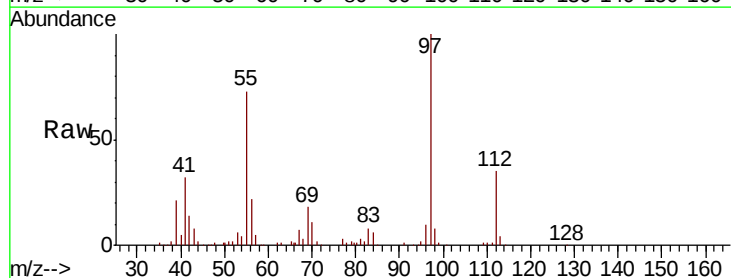
Ion Ratio Lower Upper

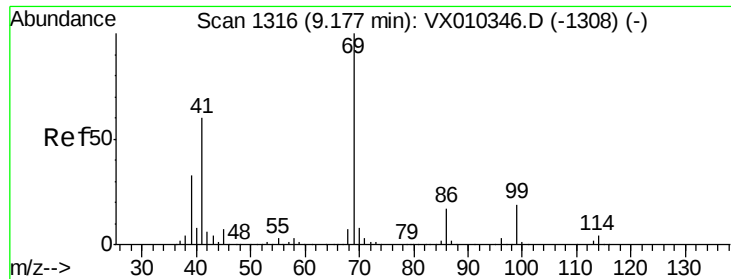
97 100

83 7.5 67.4 101.0#

85 0.4 43.8 65.8#

99 0.5 50.3 75.5#

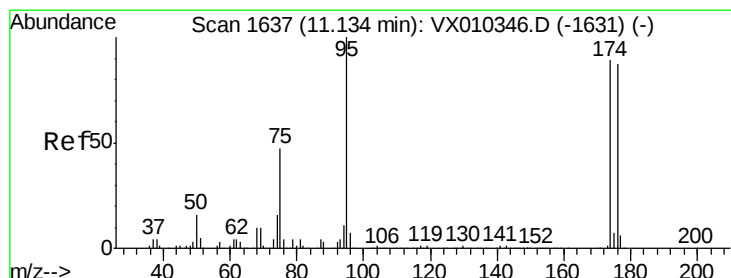
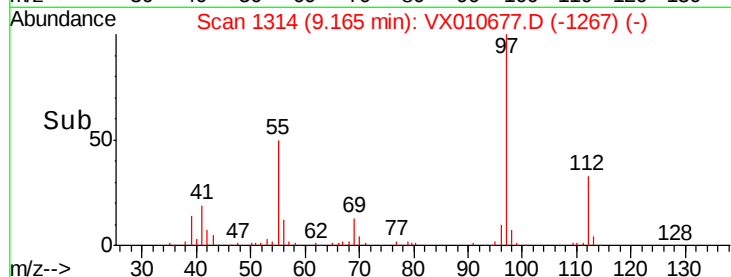
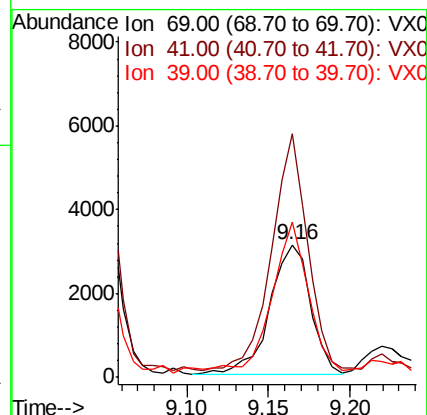
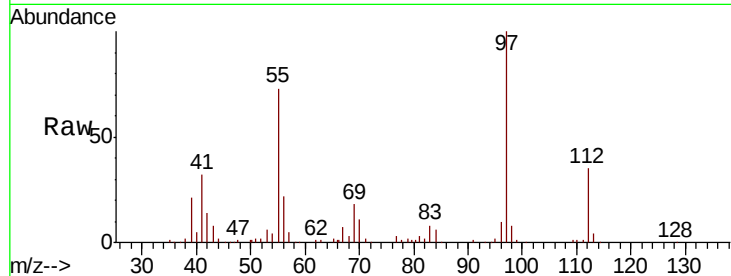




#56
Ethyl methacrylate
Concen: 1.351 ug/l
RT: 9.16 min Scan# 1314
Delta R.T. -0.01 min
Lab File: VX010677.D
Acq: 04 Jul 2019 09:01

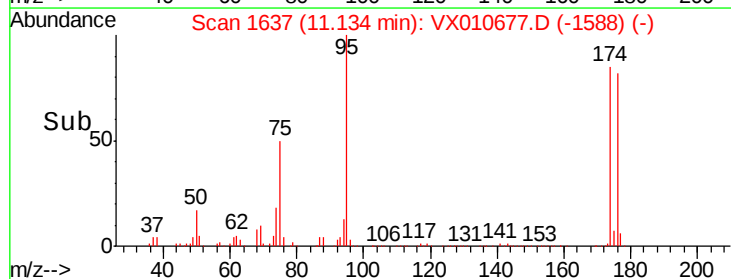
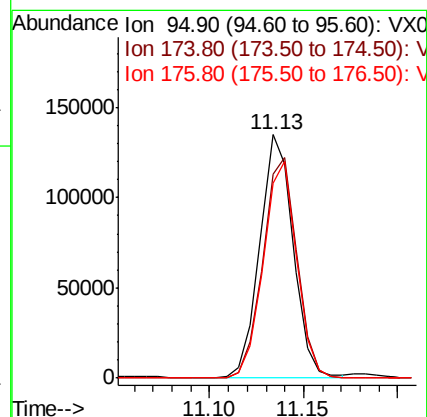
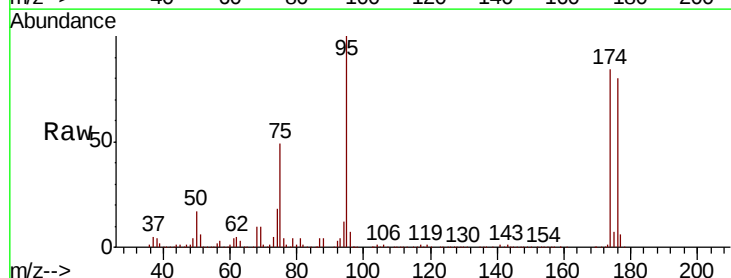
Instrument :
MSVOA_X
ClientSampled :
FL-0588

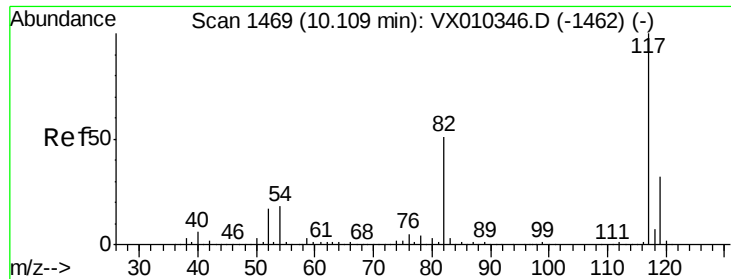
Tot Ion: 69 Resp: 5398
Ion Ratio Lower Upper
69 100
41 157.9 47.1 70.7#
39 108.3 26.6 40.0#



#62
4-Bromofluorobenzene
Concen: 50.202 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010677.D
Acq: 04 Jul 2019 09:01

Tgt Ion: 95 Resp: 166451
Ion Ratio Lower Upper
95 100
174 92.1 0.0 187.6
176 88.8 0.0 184.0

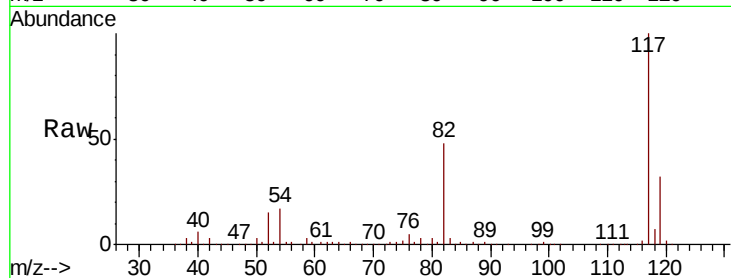




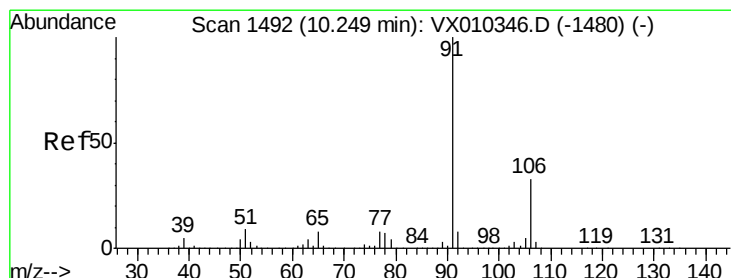
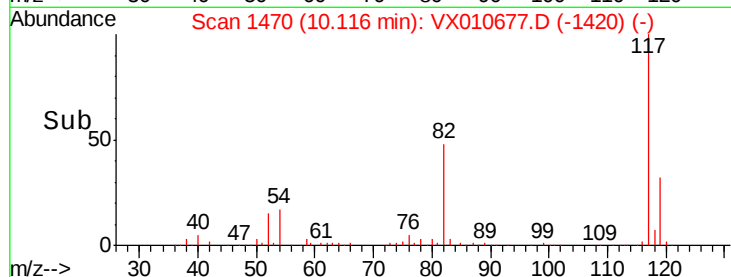
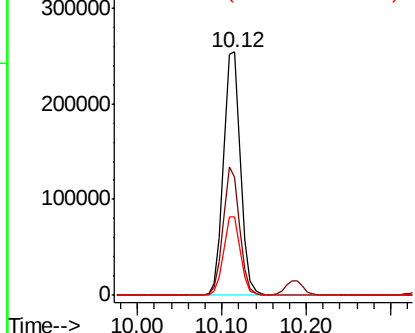
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX010677.D
Acq: 04 Jul 2019 09:01

Instrument :
MSVOA_X
ClientSampled :
FL-0588

Tot Ion:117 Resp: 357858
Ion Ratio Lower Upper
117 100
82 48.4 41.2 61.8
119 32.1 25.5 38.3

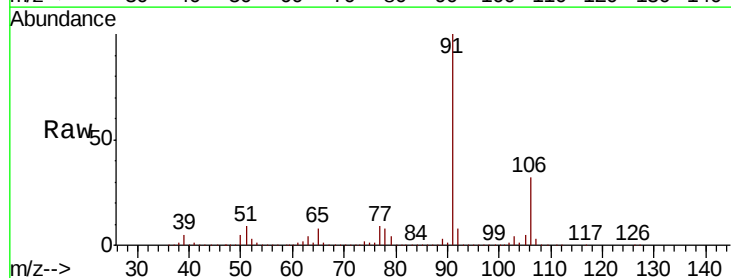


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

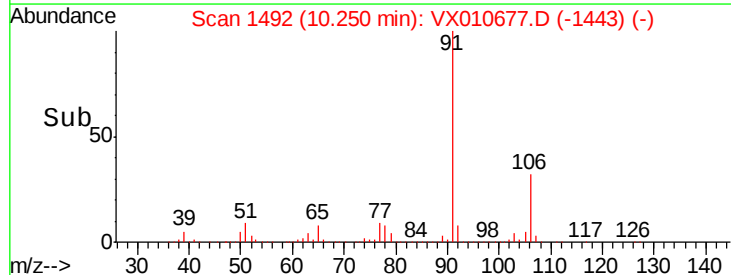
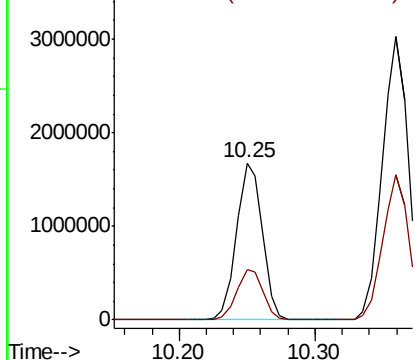


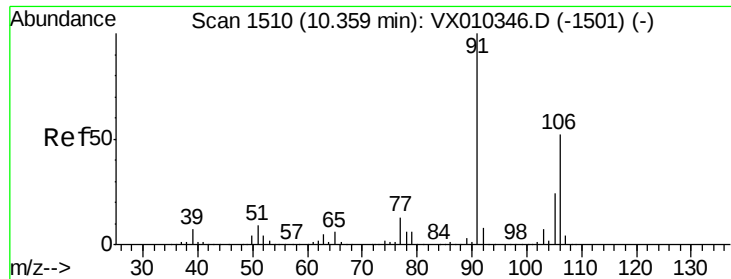
#67
Ethyl Benzene
Concen: 179.896 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010677.D
Acq: 04 Jul 2019 09:01

Tgt Ion: 91 Resp: 2206465
Ion Ratio Lower Upper
91 100
106 32.0 26.2 39.2



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

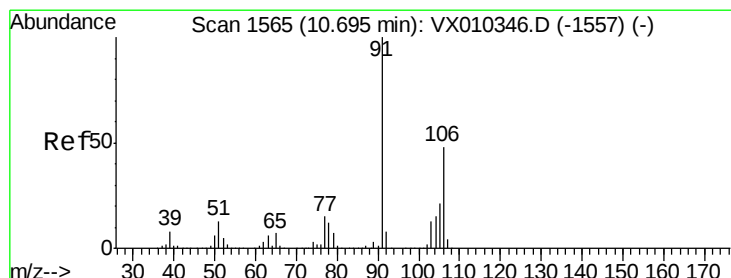
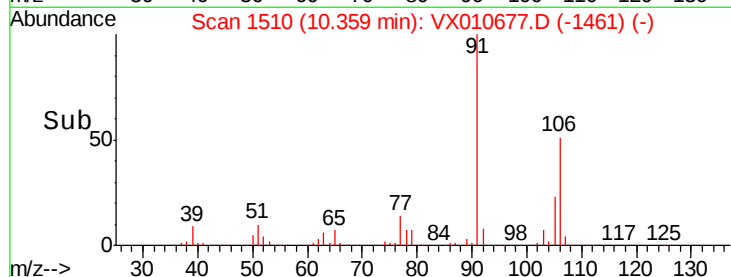
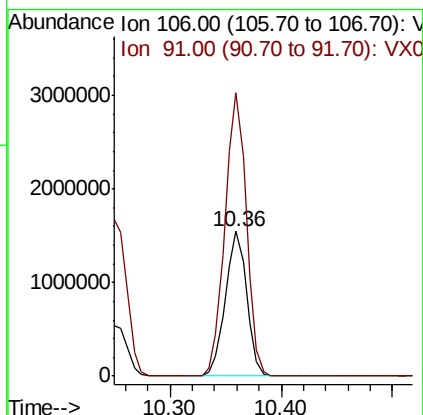
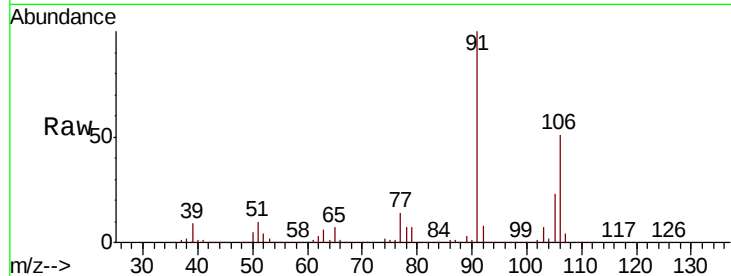




#68
m/p-Xylenes
Concen: 429.721 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010677.D
Acq: 04 Jul 2019 09:01

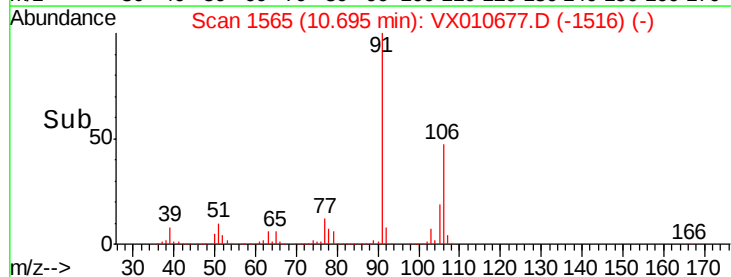
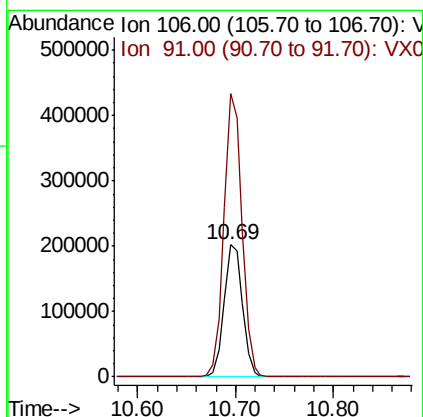
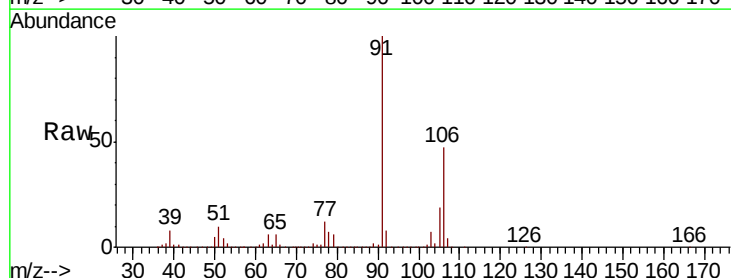
Instrument :
MSVOA_X
ClientSampled :
FL-0588

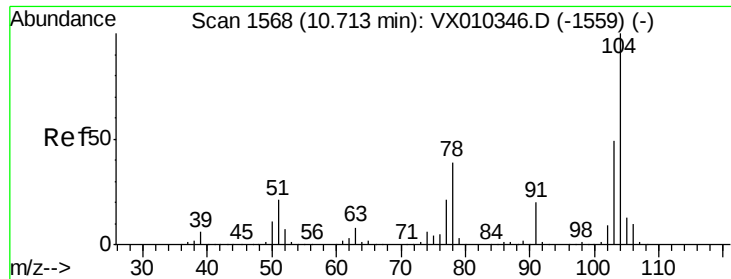
Tot Ion:106 Resp: 2042241
Ion Ratio Lower Upper
106 100
91 197.5 155.3 232.9



#69
o-Xylene
Concen: 56.466 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010677.D
Acq: 04 Jul 2019 09:01

Tgt Ion:106 Resp: 263899
Ion Ratio Lower Upper
106 100
91 209.6 102.7 308.1

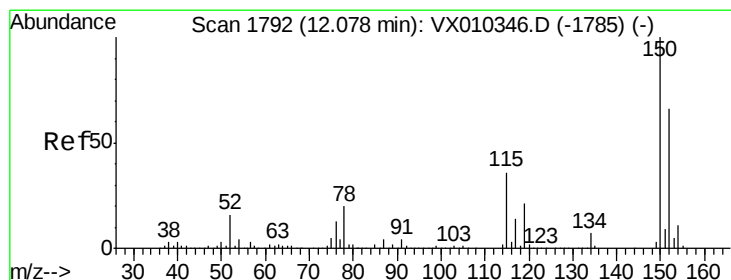
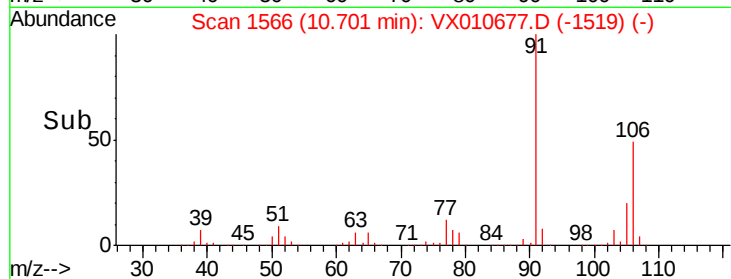
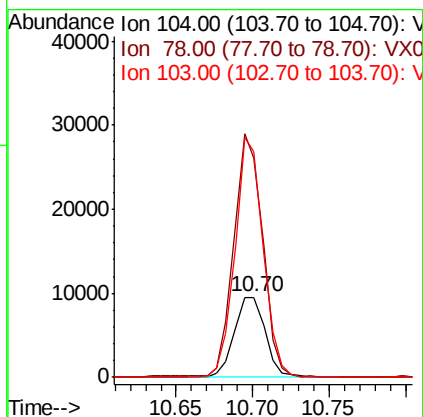
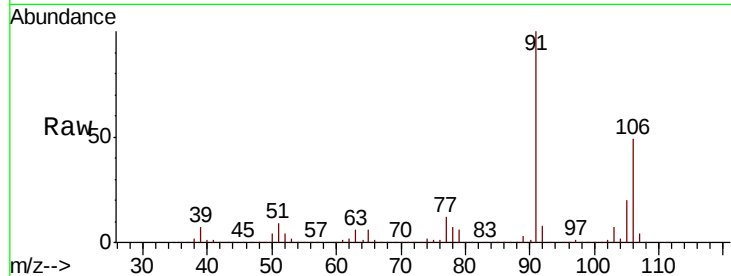




#70
Stvrene
Concen: 1.729 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX010677.D
Acq: 04 Jul 2019 09:01

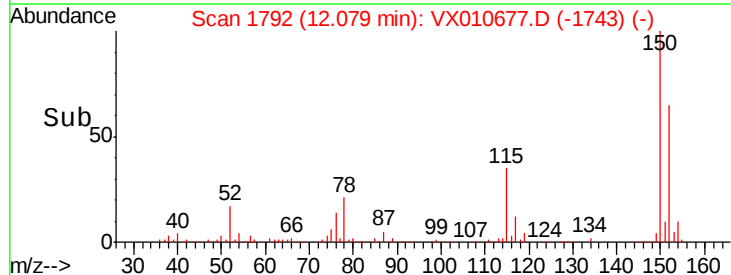
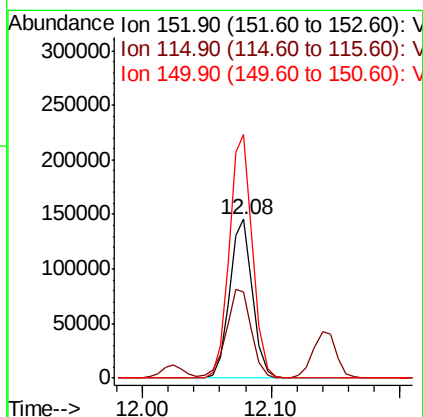
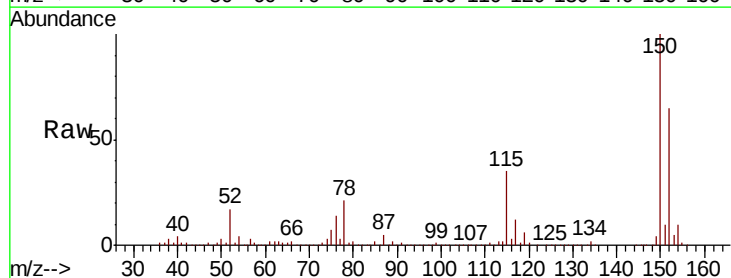
Instrument :
MSVOA_X
ClientSampleId :
FL-0588

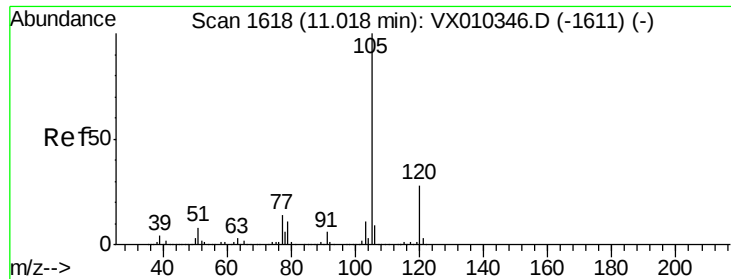
Tot Ion:104 Resp: 13554
Ion Ratio Lower Upper
104 100
78 276.6 36.2 54.2#
103 268.9 44.2 66.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010677.D
Acq: 04 Jul 2019 09:01

Tgt Ion:152 Resp: 180147
Ion Ratio Lower Upper
152 100
115 61.5 38.6 115.7
150 155.3 0.0 347.4





#73

Isopropylbenzene

Concen: 23.232 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010677.D

Acq: 04 Jul 2019 09:01

Instrument :

MSVOA_X

ClientSampled :

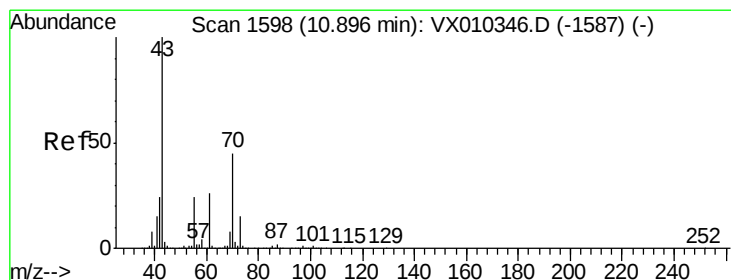
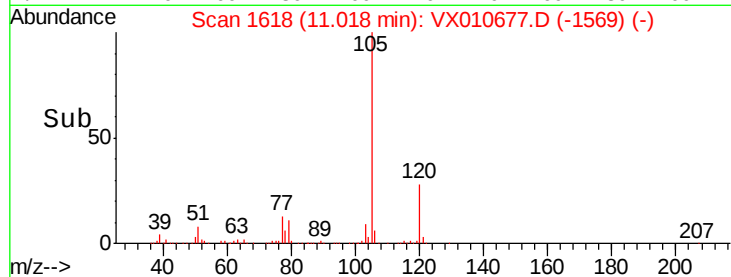
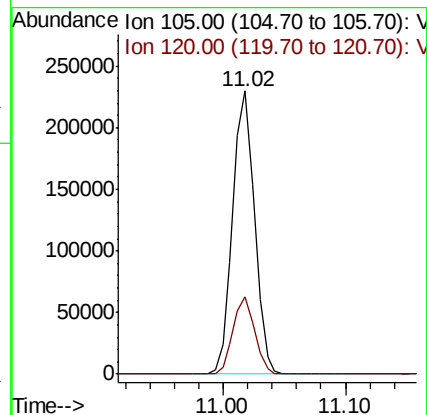
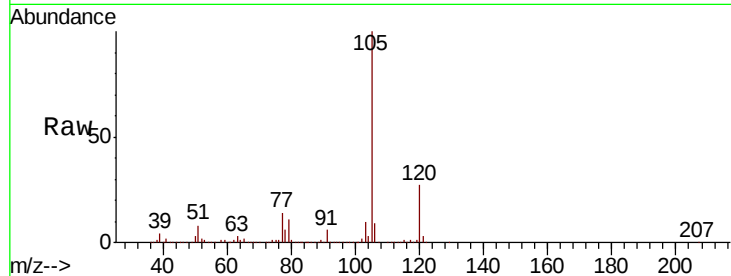
FL-0588

Tot Ion:105 Resp: 283708

Ion Ratio Lower Upper

105 100

120 27.0 14.1 42.4



#74

N-ethyl acetate

Concen: 0.298 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.02 min

Lab File: VX010677.D

Acq: 04 Jul 2019 09:01

Tgt Ion: 43 Resp: 1374

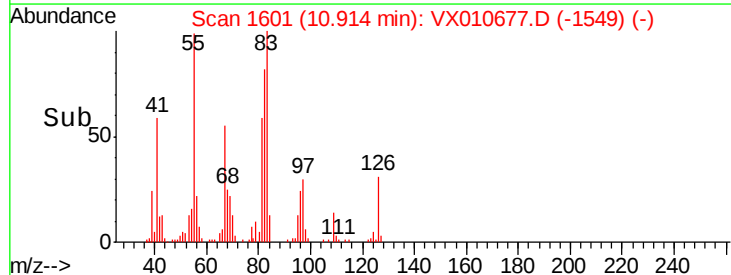
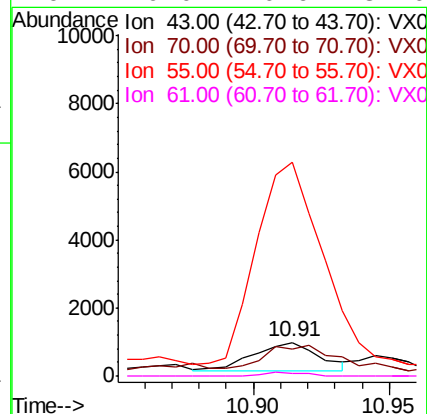
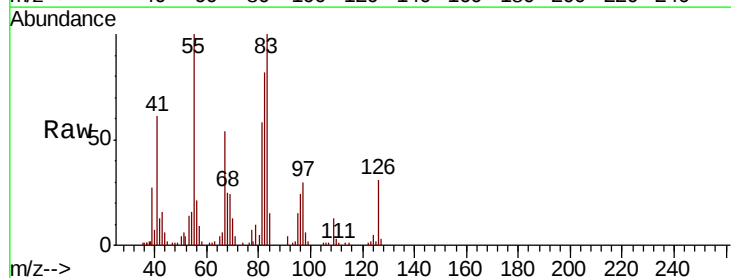
Ion Ratio Lower Upper

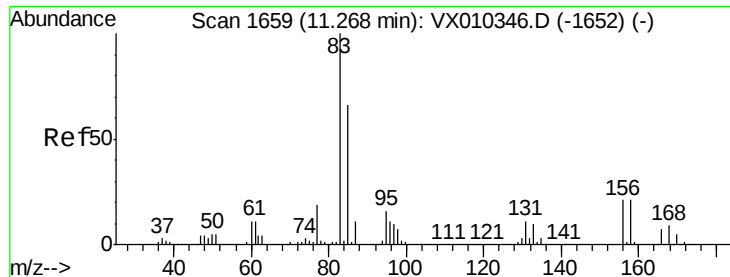
43 100

70 130.9 36.6 54.8#

55 740.7 18.7 28.1#

61 0.0 20.6 31.0#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.698 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX010677.D

Acq: 04 Jul 2019 09:01

Instrument :

MSVOA_X

ClientSampled :

FL-0588

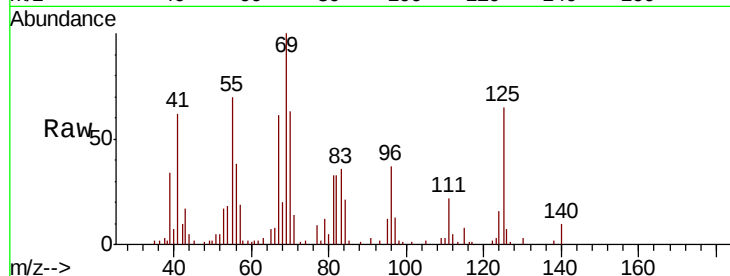
Tot Ion: 83 Resp: 2821

Ion Ratio Lower Upper

83 100

131 0.9 5.5 16.4#

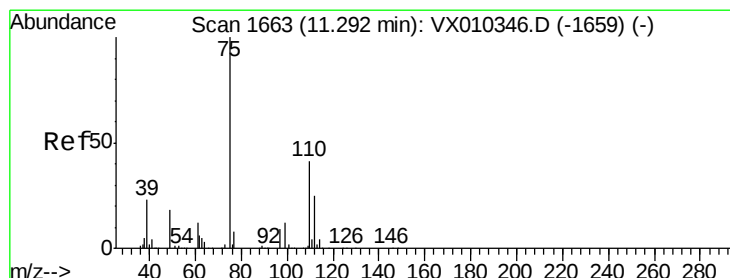
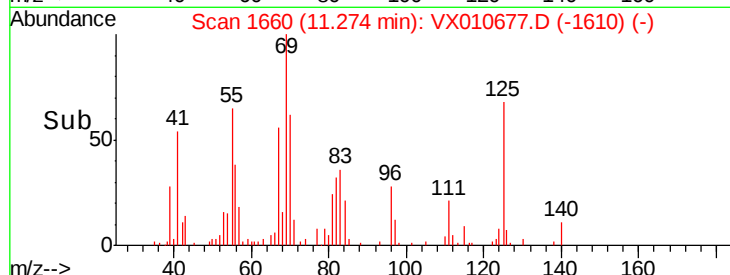
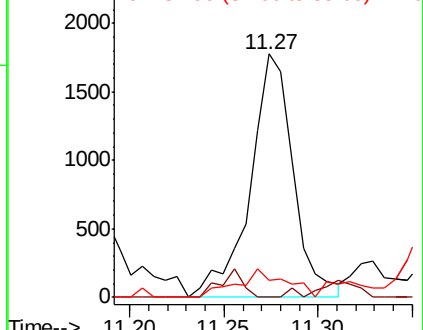
85 12.9 32.3 96.8#



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: 1.142 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.07 min

Lab File: VX010677.D

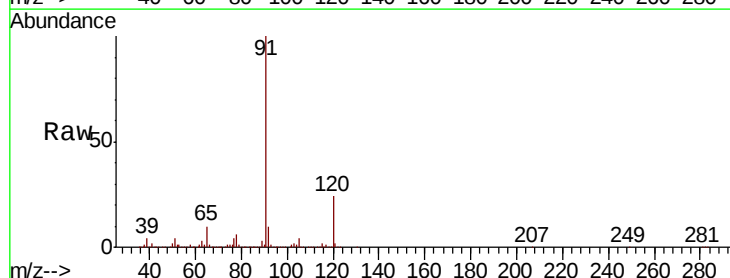
Acq: 04 Jul 2019 09:01

Tgt Ion: 75 Resp: 3748

Ion Ratio Lower Upper

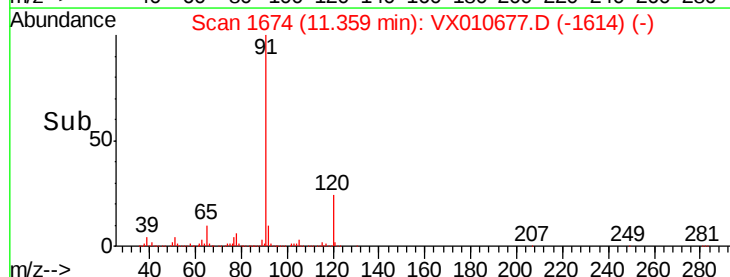
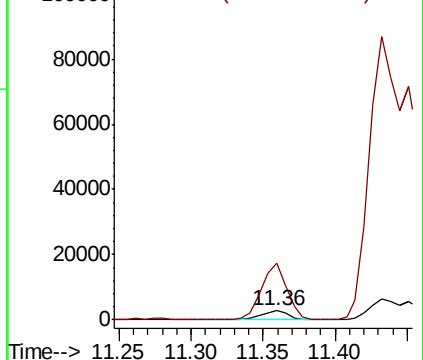
75 100

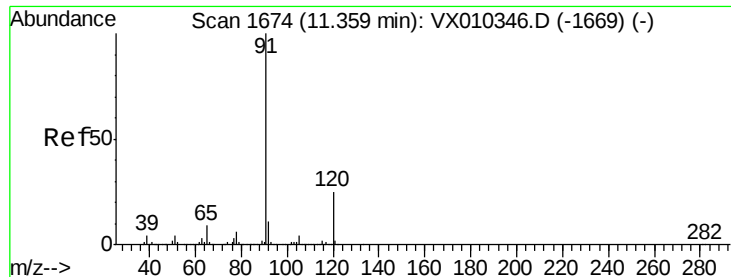
77 559.1 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 40.366 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010677.D

Acq: 04 Jul 2019 09:01

Instrument :

MSVOA_X

ClientSampleId :

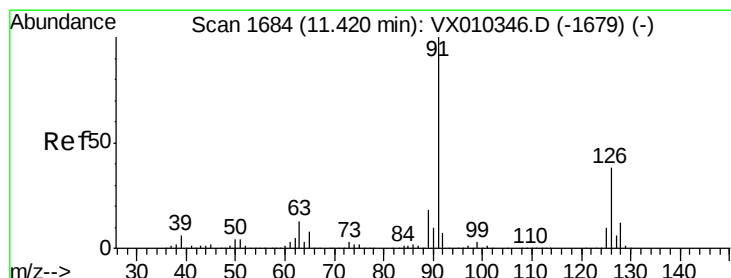
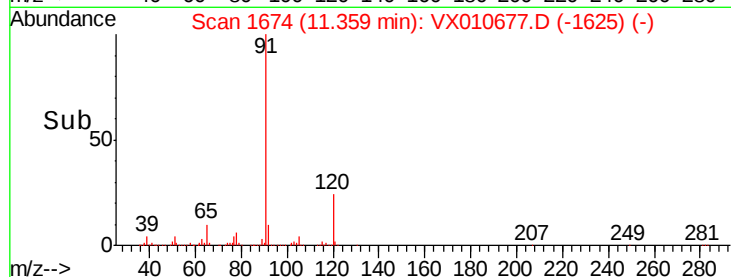
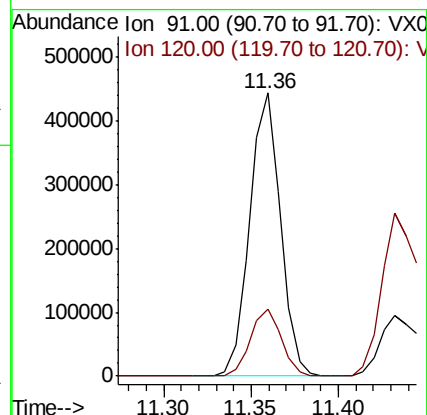
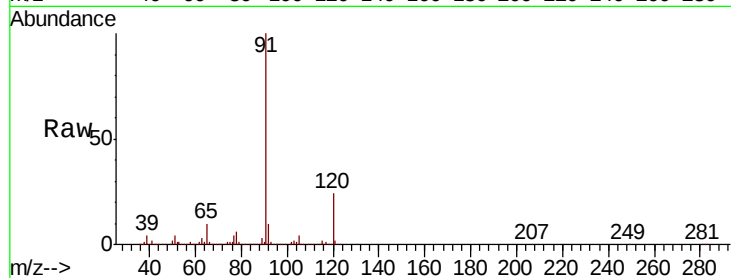
FL-0588

Tot Ion: 91 Resp: 541764

Ion Ratio Lower Upper

91 100

120 23.8 12.4 37.4



#79

2-Chlorotoluene

Concen: 24.384 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX010677.D

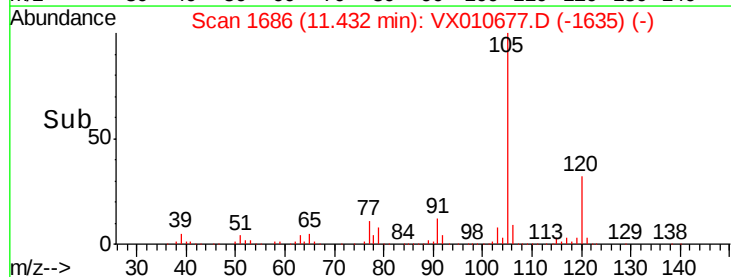
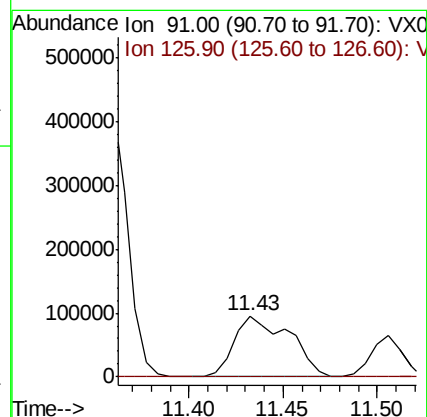
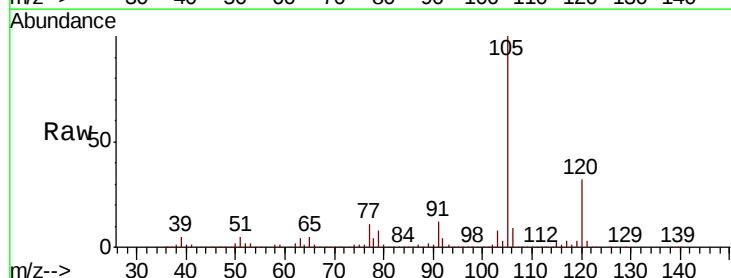
Acq: 04 Jul 2019 09:01

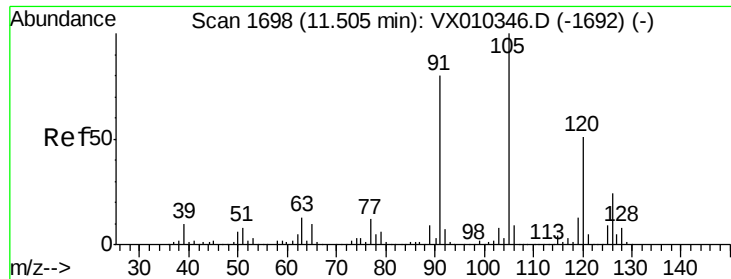
Tgt Ion: 91 Resp: 194874

Ion Ratio Lower Upper

91 100

126 0.0 18.7 56.1#

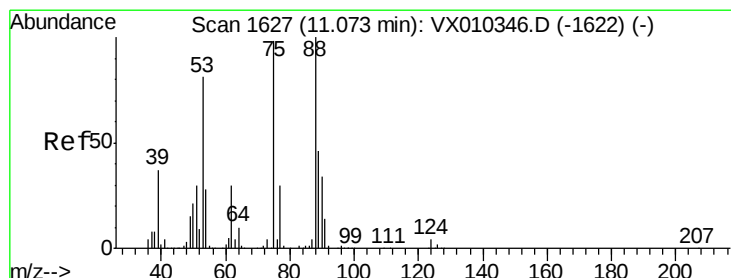
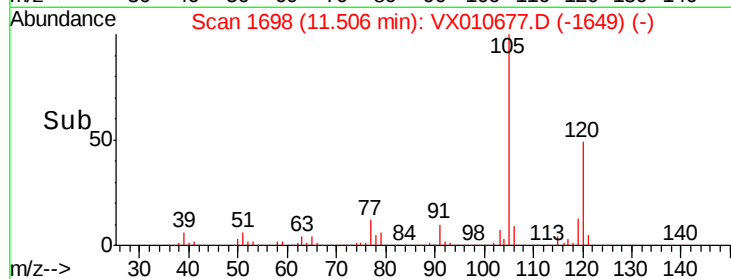
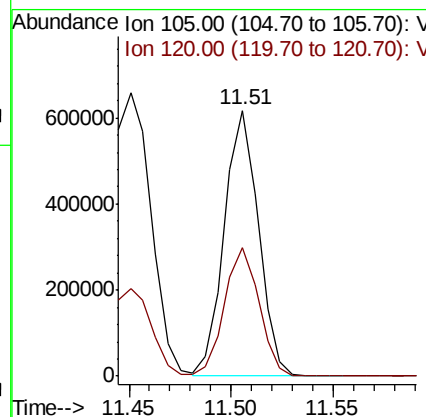
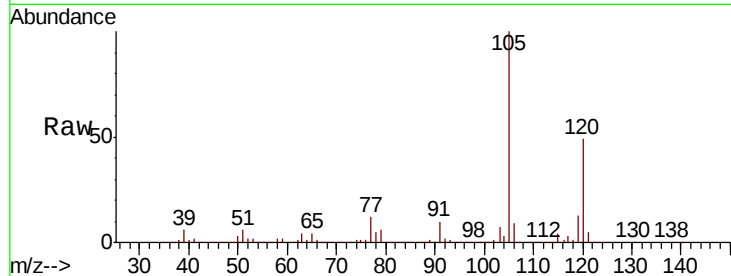




#80
 1,3,5-Trimethylbenzene
 Concen: 71.116 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010677.D
 Acq: 04 Jul 2019 09:01

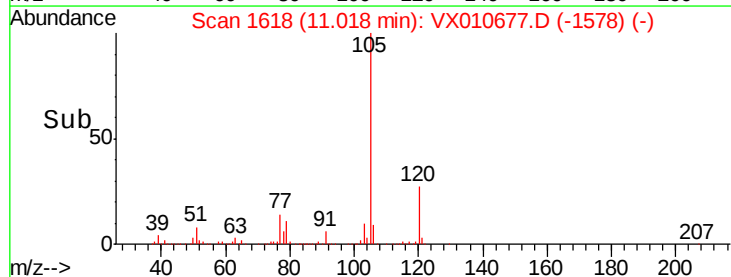
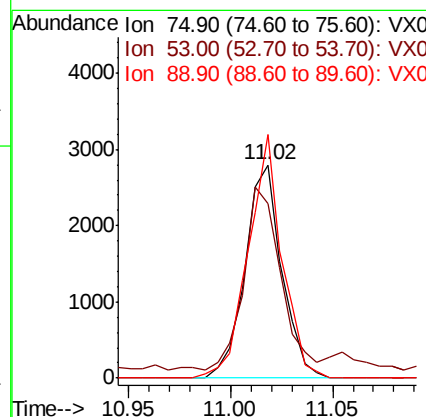
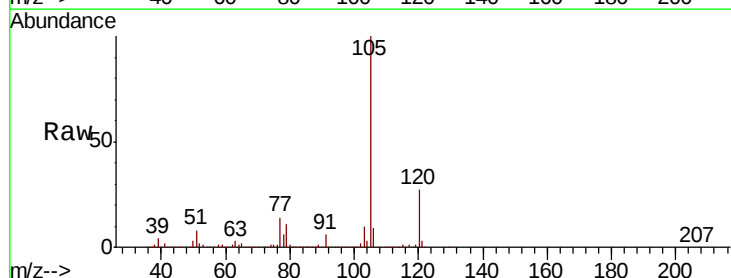
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0588

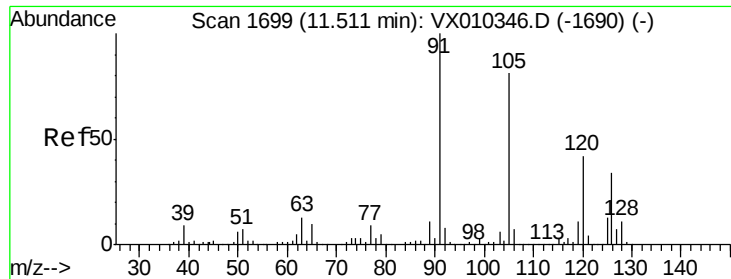
Tot Ion:105 Resp: 715934
 Ion Ratio Lower Upper
 105 100
 120 49.1 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 2.482 ug/l
 RT: 11.02 min Scan# 1618
 Delta R.T. -0.05 min
 Lab File: VX010677.D
 Acq: 04 Jul 2019 09:01

Tgt Ion: 75 Resp: 3492
 Ion Ratio Lower Upper
 75 100
 53 85.6 66.1 99.1
 89 105.6 37.8 56.6#





#82

4-Chlorotoluene

Concen: 8.220 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010677.D

Acq: 04 Jul 2019 09:01

Instrument :

MSVOA_X

ClientSampleId :

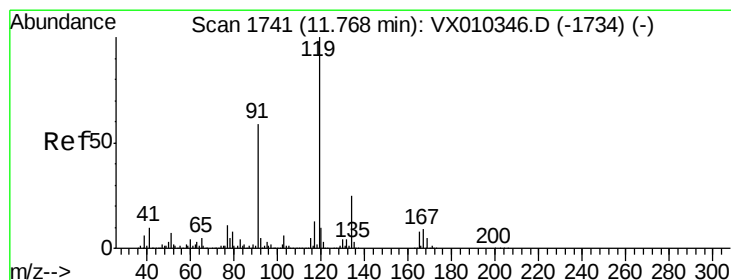
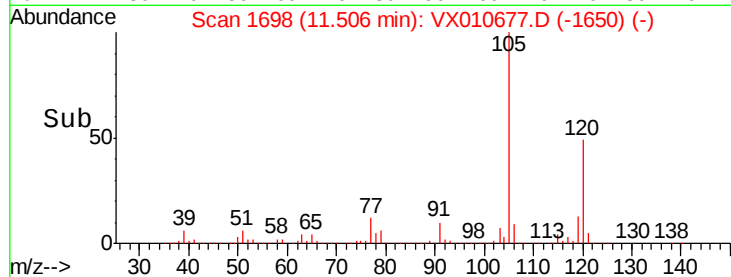
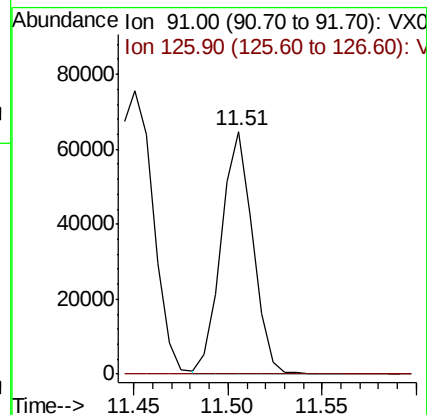
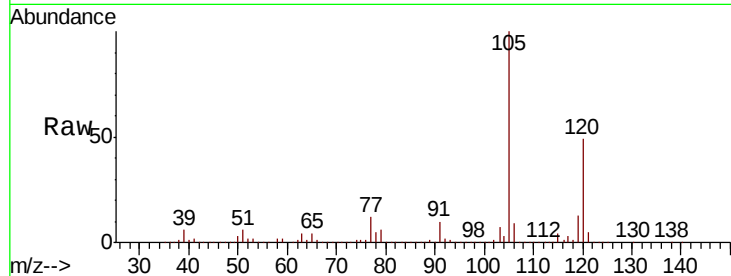
FL-0588

Tot Ion: 91 Resp: 74757

Ion Ratio Lower Upper

91 100

126 0.0 16.2 48.6#



#83

tert-Butylbenzene

Concen: 29.952 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.04 min

Lab File: VX010677.D

Acq: 04 Jul 2019 09:01

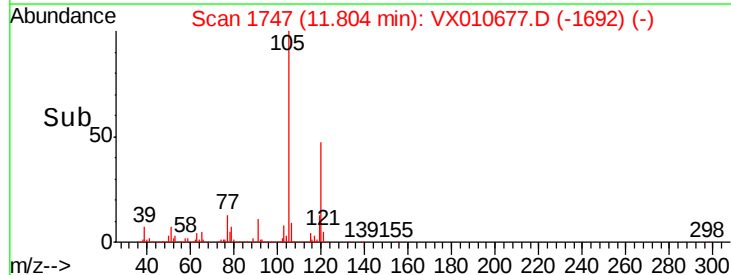
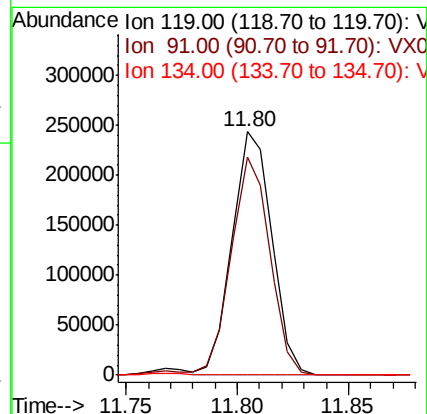
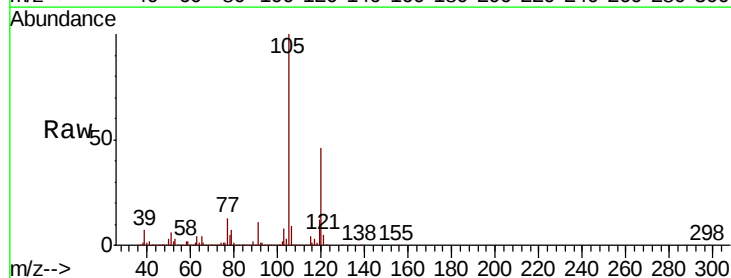
Tgt Ion: 119 Resp: 302643

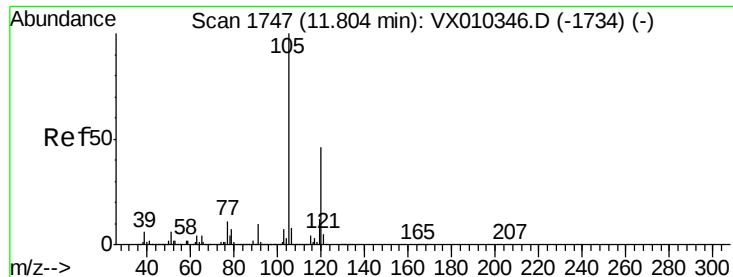
Ion Ratio Lower Upper

119 100

91 89.1 27.6 82.7#

134 0.0 11.8 35.4#





#84

1,2,4-Trimethylbenzene

Concen: 242.852 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010677.D

Acq: 04 Jul 2019 09:01

Instrument :

MSVOA_X

ClientSampleId :

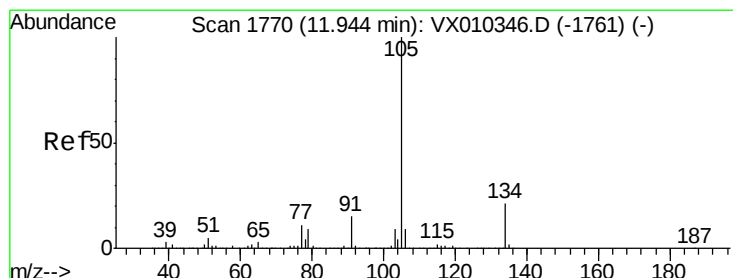
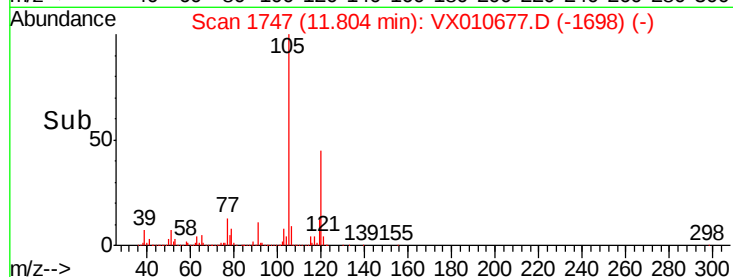
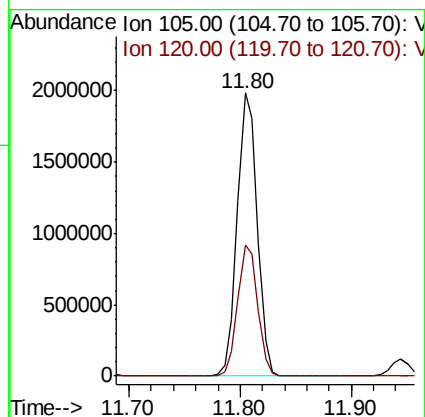
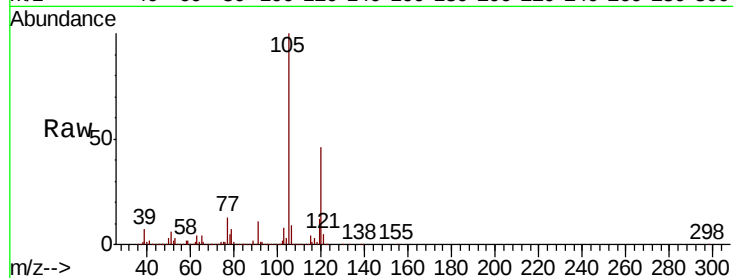
FL-0588

Tot Ion:105 Resp: 2456278

Ion Ratio Lower Upper

105 100

120 46.5 23.1 69.2



#85

sec-Butylbenzene

Concen: 12.099 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010677.D

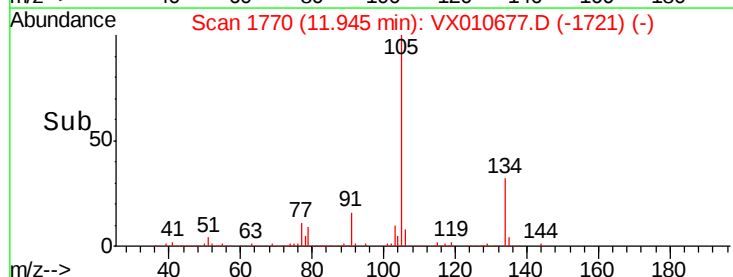
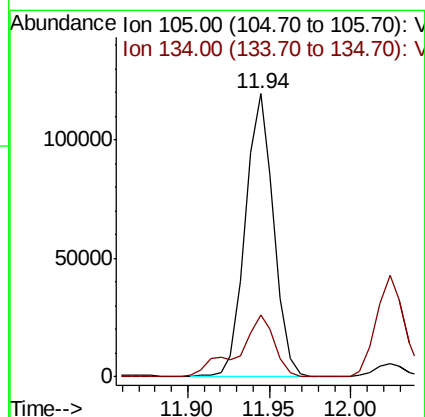
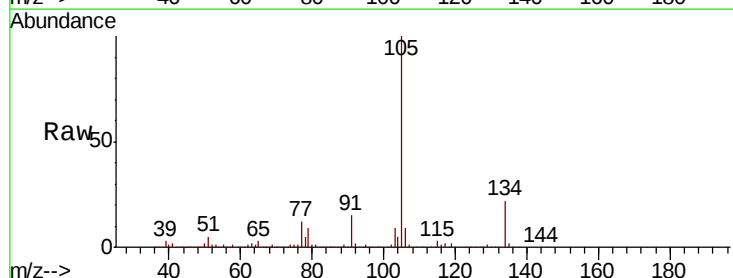
Acq: 04 Jul 2019 09:01

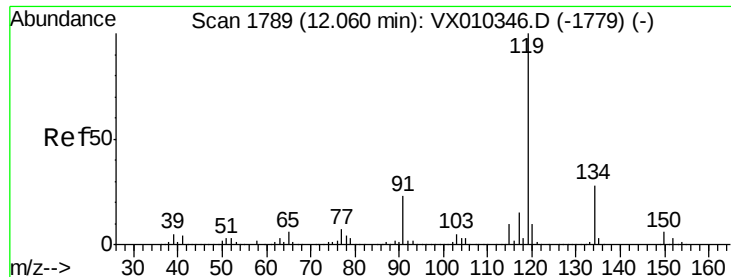
Tgt Ion:105 Resp: 143534

Ion Ratio Lower Upper

105 100

134 28.5 10.7 31.9

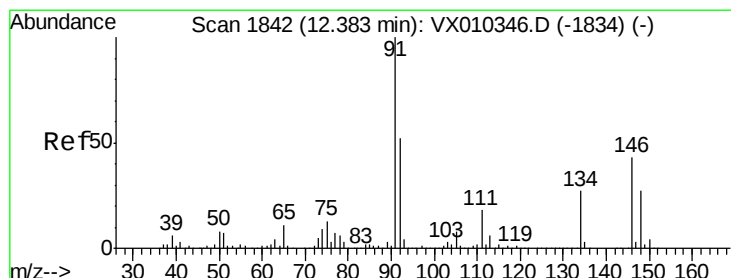
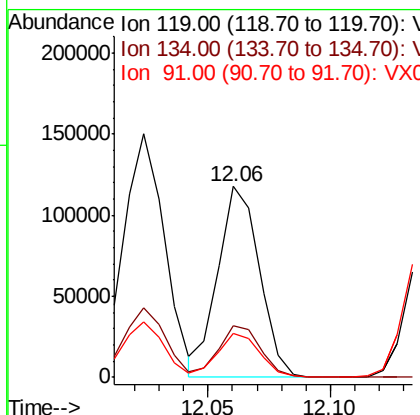
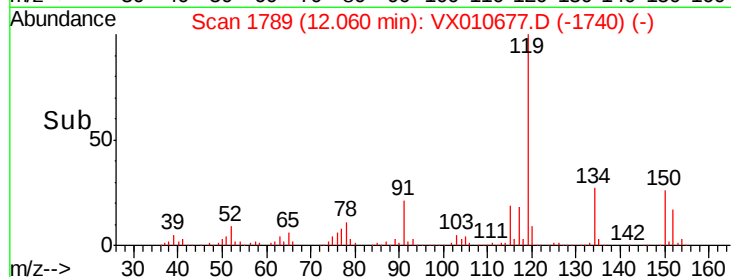
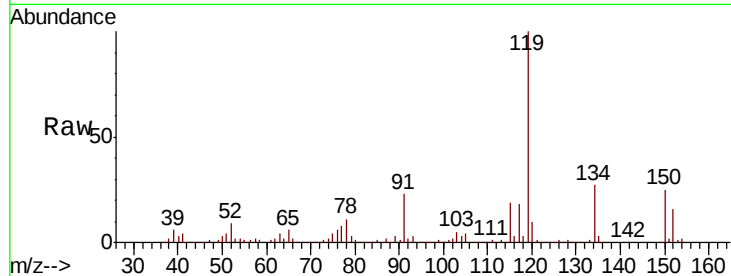




#86
p-Isopropyltoluene
Concen: 12.611 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010677.D
Acq: 04 Jul 2019 09:01

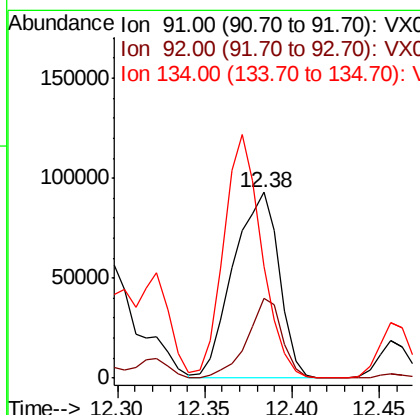
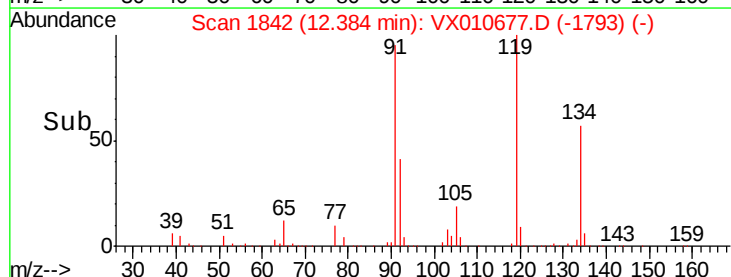
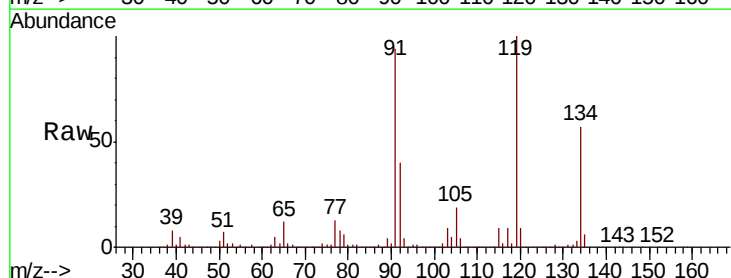
Instrument :
MSVOA_X
ClientSampled :
FL-0588

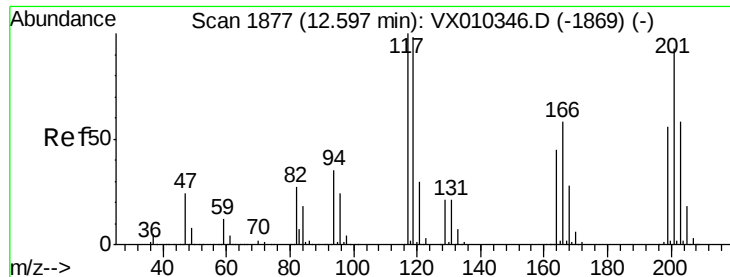
Tot Ion:119 Resp: 138393
Ion Ratio Lower Upper
119 100
134 27.9 13.7 41.1
91 23.5 11.3 33.8



#89
n-Butylbenzene
Concen: 18.075 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010677.D
Acq: 04 Jul 2019 09:01

Tgt Ion: 91 Resp: 168548
Ion Ratio Lower Upper
91 100
92 32.8 26.2 78.5
134 109.2 14.1 42.4#





#90

Hexachloroethane

Concen: 18.061 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX010677.D

Acq: 04 Jul 2019 09:01

Instrument :

MSVOA_X

ClientSampleId :

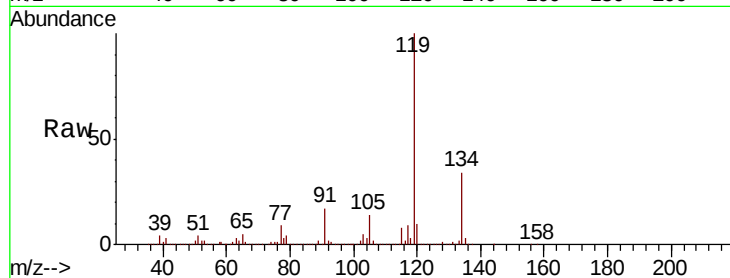
FL-0588

Tot Ion:117 Resp: 34270

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

30000

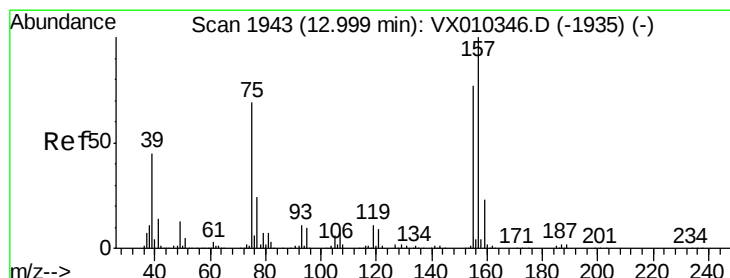
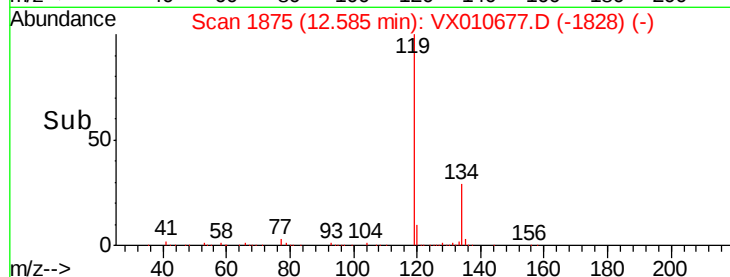
20000

10000

0

12.54 12.56 12.58 12.60

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.373 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX010677.D

Acq: 04 Jul 2019 09:01

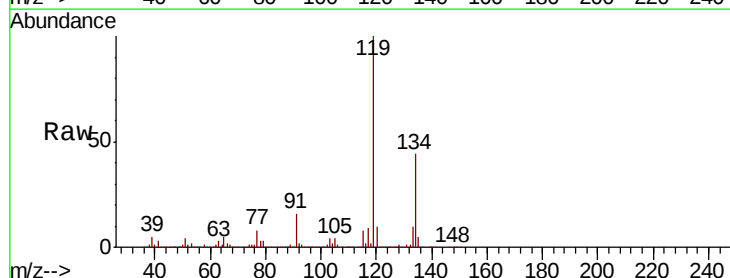
Tgt Ion: 75 Resp: 2941

Ion Ratio Lower Upper

75 100

155 0.0 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

3000

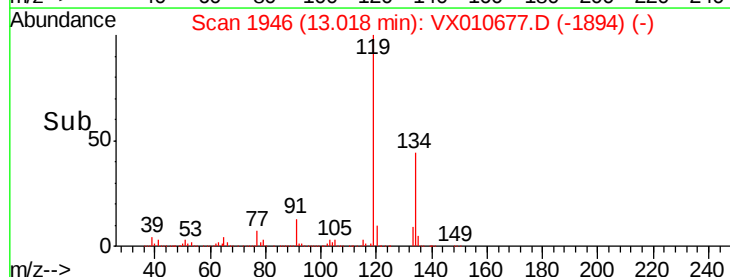
2000

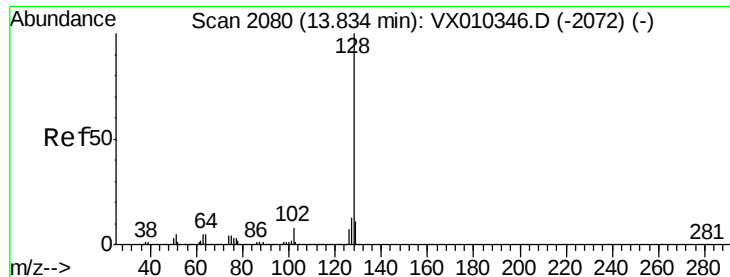
1000

0

13.00 13.02 13.05

Time-->





#95
Naphthalene
Concen: 46.045 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010677.D
Acq: 04 Jul 2019 09:01

Instrument :
MSVOA_X
ClientSampleId :
FL-0588

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.5	8.9	13.3

